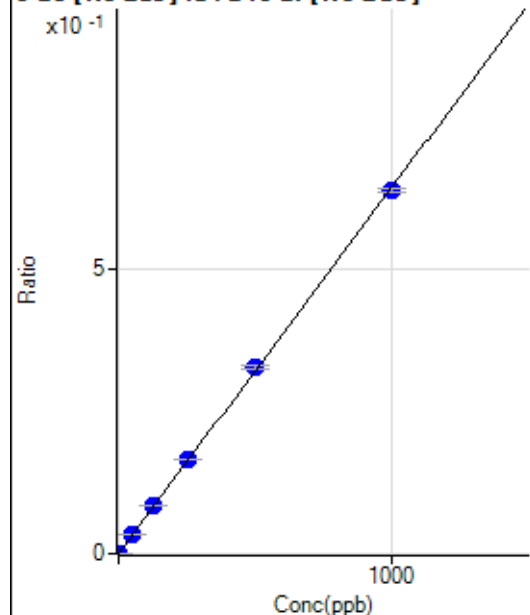


Calibration for 003CALB.d

Batch Folder: D:\ICP-MS Data\P7092719-MS.b\
 Analysis File: P7092719-MS.batch.bin
 DA Date-Time: 2019-10-24 16:50:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-09-27 12:39:55
2	004CALS.d	S02	2019-09-27 12:43:31
3	005CALS.d	S03	2019-09-27 12:48:09
4	006CALS.d	S04	2019-09-27 12:52:18
5	007CALS.d	S05	2019-09-27 12:56:08
6	008CALS.d	S06	2019-09-27 12:59:57
7	009CALS.d	S07	2019-09-27 13:03:44
8	010CALS.d	S08	2019-09-27 13:07:29

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	92.22	0.0000	P	26.1
2	☐	1.000	1.038	2381.34	0.0007	P	3.0
3	☐	50.000	52.081	112264.23	0.0335	P	2.0
4	☐	125.000	131.020	264770.03	0.0844	P	0.6
5	☐	250.000	259.086	495611.47	0.1668	P	0.2
6	☐	500.000	510.153	946715.75	0.3284	P	1.4
7	☐	1000.000	991.795	1803561.29	0.6383	P	0.9
8	☐			281.12	0.0001	P	13.2

$$y = 6.4359\text{E-}004 * x + 2.6859\text{E-}005$$

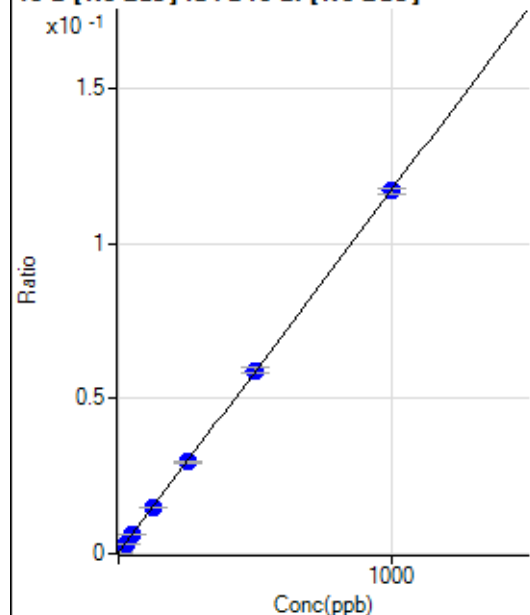
$$R = 0.9999$$

$$DL = 0.03262$$

$$BEC = 0.04173$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1044.52	0.0003	P	11.9
2	☐	25.000	23.894	10606.91	0.0031	P	2.6
3	☐	50.000	48.969	20155.70	0.0060	P	1.8
4	☐	125.000	125.059	46790.34	0.0149	P	2.7
5	☐	250.000	250.988	88000.58	0.0296	P	1.9
6	☐	500.000	503.656	170433.02	0.0591	P	2.4
7	☐	1000.000	997.997	330118.57	0.1168	P	1.4
8	☐			15864.40	0.0059	P	7.0

$$y = 1.1677\text{E-}004 * x + 3.0425\text{E-}004$$

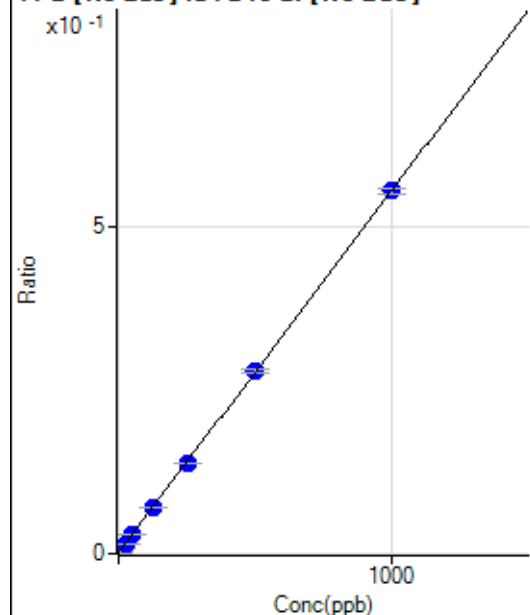
$$R = 1.0000$$

$$DL = 0.9269$$

$$BEC = 2.606$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4937.09	0.0014	P	6.2
2	☐	25.000	23.154	48905.37	0.0143	P	2.7
3	☐	50.000	48.196	94191.36	0.0281	P	0.5
4	☐	125.000	124.090	220302.57	0.0702	P	2.8
5	☐	250.000	247.439	411704.66	0.1385	P	1.0
6	☐	500.000	501.706	805611.66	0.2794	P	2.0
7	☐	1000.000	1000.037	1569606.14	0.5555	P	1.5
8	☐			74945.25	0.0279	P	6.6

$$y = 5.5408\text{E-}004 * x + 0.0014$$

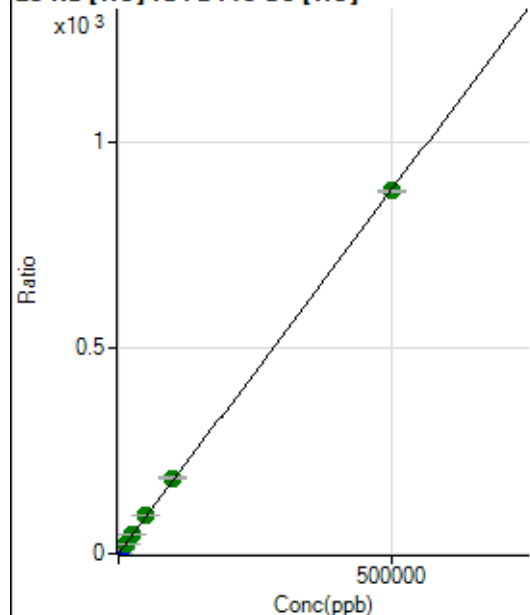
$$R = 1.0000$$

$$DL = 0.4825$$

$$BEC = 2.595$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11196.29	0.0433	P	2.5
2	☐	500.000	507.761	241652.51	0.9408	P	0.9
3	☐	5000.000	5214.262	2262779.80	9.2592	P	1.2
4	☐	12500.000	13192.241	5423412.49	23.3596	A	1.3
5	☐	25000.000	26417.050	10478763.86	46.7335	A	1.6
6	☐	50000.000	52363.355	20223010.18	92.5917	A	0.7
7	☐	100000.00	104234.32	39305513.03	184.2699	A	0.4
8	☐	500000.00	498826.49	188349337.5	881.6828	A	0.2

$$y = 0.0018 * x + 0.0433$$

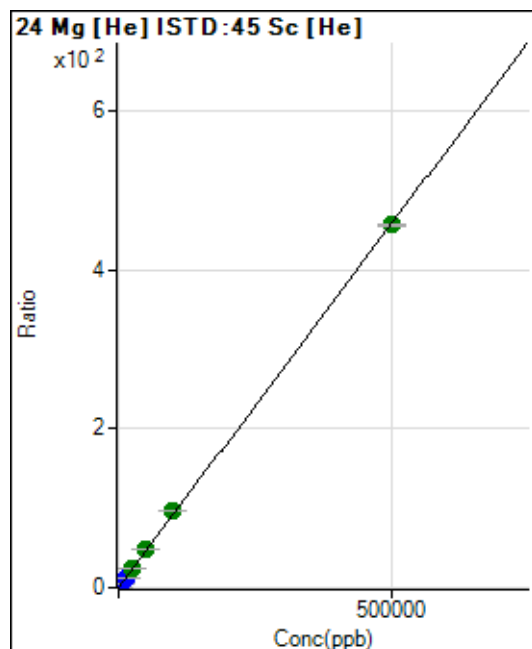
$$R = 1.0000$$

$$DL = 1.855$$

$$BEC = 24.51$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.79	0.0010	P	21.2
2	☐	500.000	535.715	126336.93	0.4918	P	0.3
3	☐	5000.000	5359.836	1200435.20	4.9120	P	0.6
4	☐	12500.000	13489.156	2869741.65	12.3605	P	1.3
5	☐	25000.000	26886.435	5523886.02	24.6359	A	1.6
6	☐	50000.000	53386.236	10684045.20	48.9165	A	0.5
7	☐	100000.00	105314.07	20582857.93	96.4958	A	0.5
8	☐	500000.00	498475.87	97571544.54	456.7331	A	0.4

$$y = 9.1626\text{E-}004 * x + 9.7813\text{E-}004$$

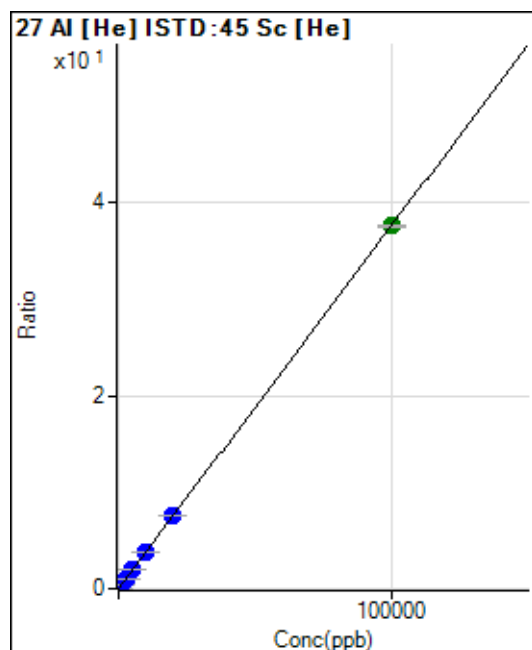
$$R = 0.9999$$

$$DL = 0.6792$$

$$BEC = 1.068$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0001	P	66.8
2	☐	20.000	19.838	1941.89	0.0076	P	2.8
3	☐	1000.000	1026.618	94402.87	0.3863	P	1.7
4	☐	2500.000	2559.878	223603.18	0.9631	P	1.7
5	☐	5000.000	5165.672	435759.09	1.9434	P	1.7
6	☐	10000.000	10201.157	838191.99	3.8377	P	0.8
7	☐	20000.000	20141.909	1616224.29	7.5773	P	1.1
8	☐	100000.00	99941.456	8031696.36	37.5972	A	0.2

$$y = 3.7619\text{E-}004 * x + 9.6883\text{E-}005$$

$$R = 1.0000$$

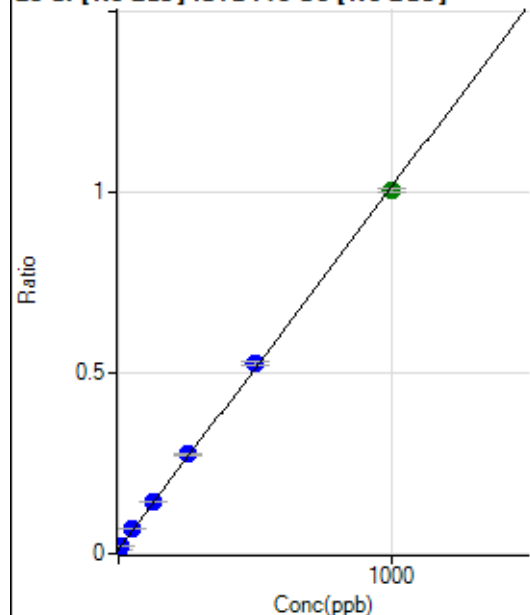
$$DL = 0.5159$$

$$BEC = 0.2575$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83465.63	0.0125	P	0.4
2	☐	10.000	9.146	141359.65	0.0217	P	1.2
3	☐	50.000	57.875	445143.25	0.0705	P	0.3
4	☐	125.000	131.756	866268.79	0.1445	P	1.6
5	☐	250.000	262.444	1564374.30	0.2754	P	1.5
6	☐	500.000	513.016	2916137.89	0.5264	P	2.4
7	☐	1000.000	989.151	5509784.24	1.0033	A	1.1
8	☐			209229.39	0.0393	P	0.6

$$y = 0.0010 * x + 0.0125$$

$$R = 0.9998$$

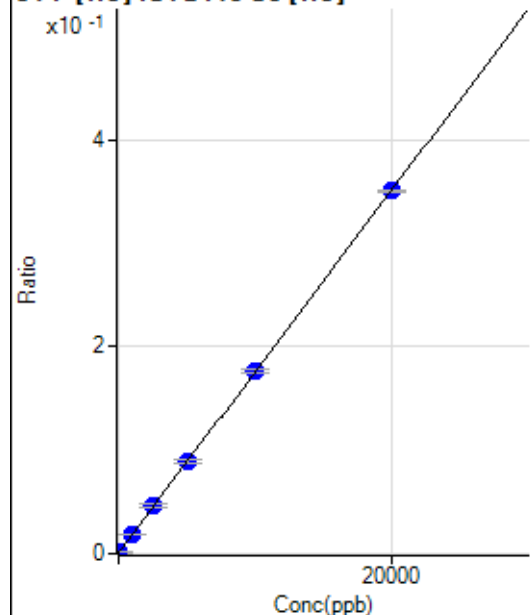
$$DL = 0.162$$

$$BEC = 12.48$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-22.872	69.45	0.0003	P	37.1
2	☐	0.000	22.872	275.01	0.0011	P	12.1
3	☐	1000.000	1022.903	4545.34	0.0186	P	3.3
4	☐	2500.000	2625.007	10834.93	0.0467	P	6.2
5	☐	5000.000	5046.954	19980.74	0.0891	P	3.7
6	☐	10000.000	9999.476	38414.46	0.1759	P	2.0
7	☐	20000.000	19971.753	74793.65	0.3506	P	0.8
8	☐			94.45	0.0004	P	67.7

$$y = 1.7523E-005 * x + 6.6985E-004$$

$$R = 1.0000$$

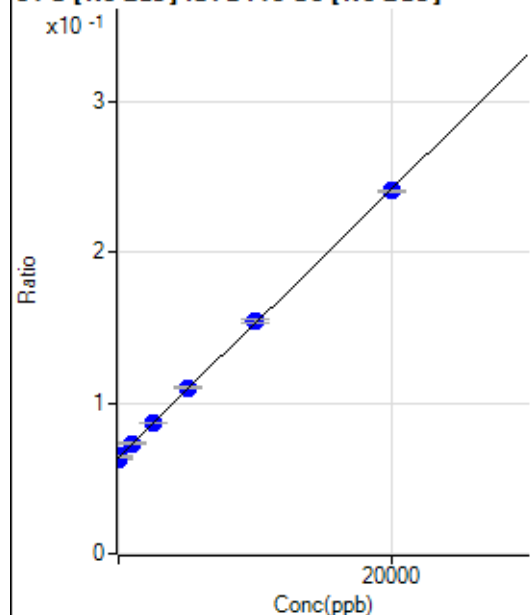
$$DL = 19.67$$

$$BEC = 38.23$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-97.299	419489.21	0.0628	P	0.6
2	☐	0.000	97.299	421405.65	0.0646	P	0.9
3	☐	1000.000	1058.709	462159.25	0.0732	P	1.4
4	☐	2500.000	2613.834	522140.13	0.0871	P	0.7
5	☐	5000.000	5190.677	625544.45	0.1101	P	1.1
6	☐	10000.000	10212.481	858836.77	0.1550	P	1.4
7	☐	20000.000	19828.925	1323402.09	0.2410	P	0.3
8	☐			359987.74	0.0677	P	0.2

$$y = 8.9403\text{E-}006 * x + 0.0637$$

R = 0.9998

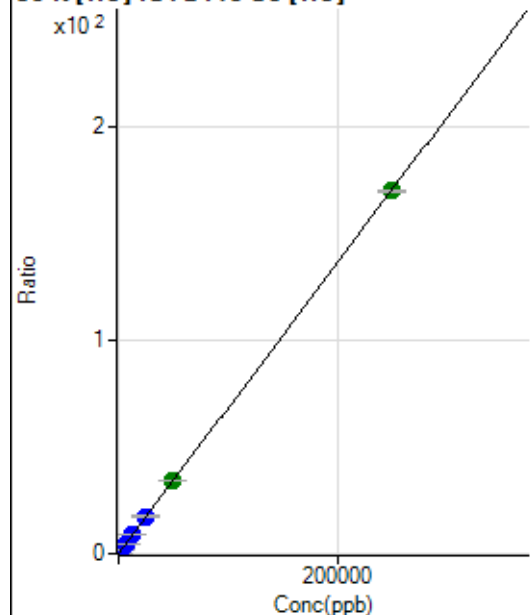
DL = 160.2

BEC = 7127

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11599.47	0.0449	P	2.7
2	☐	500.000	511.534	100817.10	0.3925	P	0.7
3	☐	2500.000	2577.552	439007.41	1.7964	P	1.1
4	☐	6250.000	6461.141	1029786.11	4.4354	P	1.1
5	☐	12500.000	12948.010	1983056.49	8.8434	P	0.2
6	☐	25000.000	25716.783	3826633.98	17.5201	P	0.4
7	☐	50000.000	50684.809	7356148.77	34.4864	A	0.2
8	☐	250000.00	249762.88	36266151.16	169.7648	A	0.3

$$y = 6.7952\text{E-}004 * x + 0.0449$$

R = 1.0000

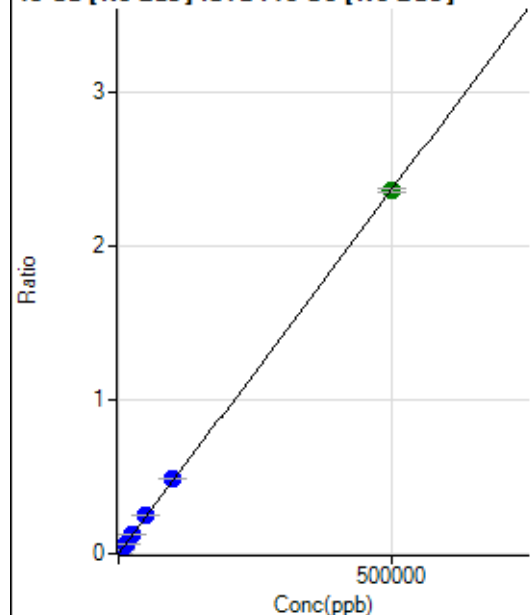
DL = 5.318

BEC = 66.06

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.56	0.0000	P	66.6
2	☐	500.000	481.278	14905.24	0.0023	P	1.1
3	☐	5000.000	5345.811	159476.75	0.0253	P	1.7
4	☐	12500.000	13288.301	376277.21	0.0628	P	0.4
5	☐	25000.000	26343.850	706656.19	0.1244	P	0.6
6	☐	50000.000	52616.560	1376427.10	0.2484	P	1.7
7	☐	100000.00	103923.08	2694626.25	0.4907	P	0.5
8	☐	500000.00	498863.38	12529534.57	2.3554	A	0.9

$$y = 4.7216\text{E-}006 * x + 1.2075\text{E-}005$$

$$R = 1.0000$$

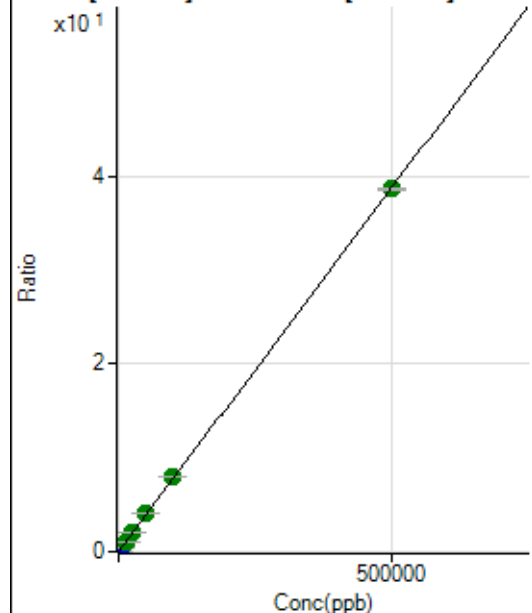
$$DL = 5.108$$

$$BEC = 2.557$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5131.66	0.0008	P	5.1
2	☐	500.000	493.764	254837.68	0.0391	P	0.2
3	☐	5000.000	5272.661	2586833.78	0.4096	P	1.9
4	☐	12500.000	13223.222	6152857.77	1.0261	A	0.4
5	☐	25000.000	26291.862	11585740.19	2.0395	A	0.6
6	☐	50000.000	52464.178	22543087.83	4.0690	A	1.5
7	☐	100000.00	103491.45	44073153.76	8.0257	A	0.4
8	☐	500000.00	498969.89	205822836.5	38.6921	A	0.4

$$y = 7.7542\text{E-}005 * x + 7.6884\text{E-}004$$

$$R = 1.0000$$

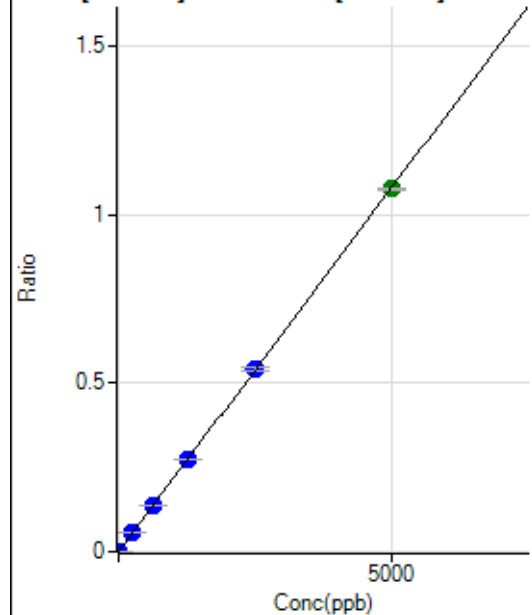
$$DL = 1.525$$

$$BEC = 9.915$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	91.67	0.0000	P	24.2
2	☐	5.000	5.092	7263.20	0.0011	P	0.9
3	☐	250.000	253.479	345750.40	0.0547	P	1.3
4	☐	625.000	636.492	824158.96	0.1375	P	0.6
5	☐	1250.000	1266.741	1553922.94	0.2735	P	0.3
6	☐	2500.000	2514.410	3008073.22	0.5430	P	1.5
7	☐	5000.000	4986.999	5913531.86	1.0769	A	0.5
8	☐			1525.14	0.0003	P	10.6

$$y = 2.1593\text{E-}004 * x + 1.3736\text{E-}005$$

$$R = 1.0000$$

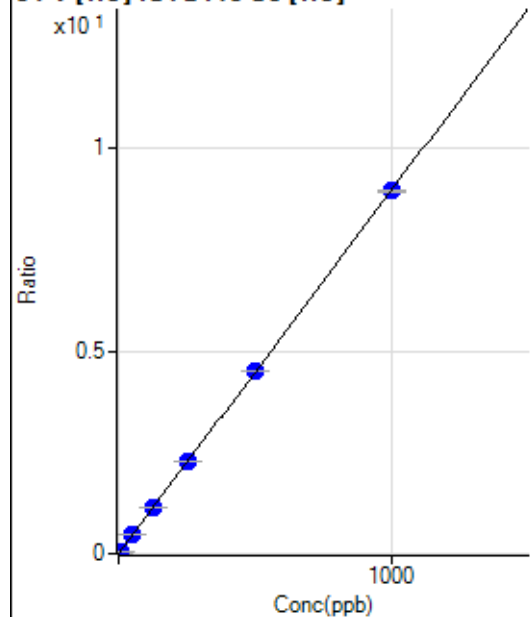
$$DL = 0.04616$$

$$BEC = 0.06361$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.154	11880.51	0.0463	P	1.3
3	☐	50.000	50.731	111233.20	0.4552	P	1.4
4	☐	125.000	126.921	264390.51	1.1387	P	0.7
5	☐	250.000	252.447	507864.31	2.2649	P	0.7
6	☐	500.000	501.765	983243.95	4.5017	P	0.4
7	☐	1000.000	998.228	1910312.80	8.9559	P	0.7
8	☐			500.02	0.0023	P	9.6

$$y = 0.0090 * x + 8.5850\text{E-}006$$

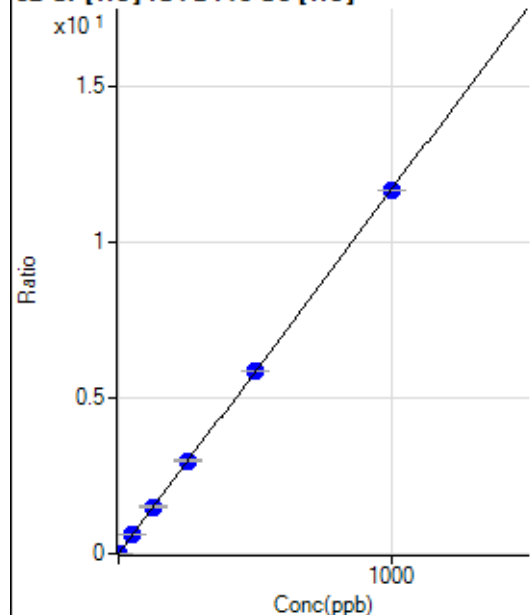
$$R = 1.0000$$

$$DL = 0.002486$$

$$BEC = 0.0009569$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	465.57	0.0018	P	2.7
2	☐	2.000	1.964	6369.24	0.0248	P	1.5
3	☐	50.000	51.351	147361.95	0.6030	P	0.9
4	☐	125.000	128.739	350355.76	1.5090	P	1.0
5	☐	250.000	255.413	670880.63	2.9920	P	1.4
6	☐	500.000	503.339	1287463.86	5.8946	P	0.3
7	☐	1000.000	996.443	2488766.80	11.6676	P	0.2
8	☐			78029.45	0.3653	P	1.9

$$y = 0.0117 * x + 0.0018$$

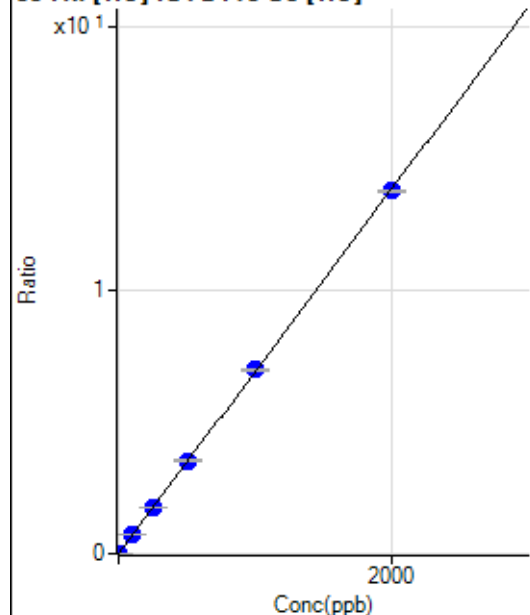
$$R = 1.0000$$

$$DL = 0.01241$$

$$BEC = 0.1539$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	31.11	0.0001	P	22.1
2	☐	1.000	1.023	1847.92	0.0072	P	4.3
3	☐	100.000	102.489	173178.95	0.7086	P	0.9
4	☐	250.000	256.887	412340.58	1.7760	P	1.1
5	☐	500.000	510.208	790894.10	3.5272	P	1.0
6	☐	1000.000	1010.377	1525586.33	6.9849	P	0.5
7	☐	2000.000	1991.274	2936278.05	13.7658	P	0.7
8	☐			10058.03	0.0471	P	1.7

$$y = 0.0069 * x + 1.2033E-004$$

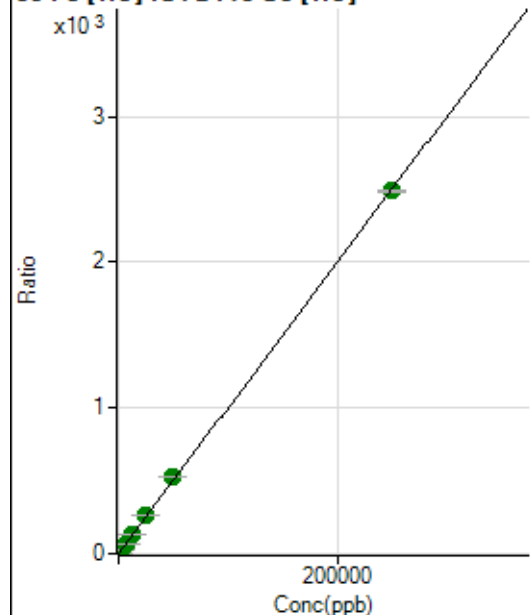
$$R = 1.0000$$

$$DL = 0.01154$$

$$BEC = 0.01741$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1757.57	0.0068	P	8.1
2	☐	50.000	55.039	142985.06	0.5567	P	1.3
3	☐	2500.000	2692.495	6575262.12	26.9053	A	0.9
4	☐	6250.000	6769.722	15703507.41	67.6374	A	1.2
5	☐	12500.000	13477.396	30191797.90	134.6481	A	1.0
6	☐	25000.000	26564.883	57964520.28	265.3942	A	0.8
7	☐	50000.000	52435.585	111738209.9	523.8466	A	0.5
8	☐	250000.00	249292.60	532020119.3	2,490.479	A	0.3

$$y = 0.0100 * x + 0.0068$$

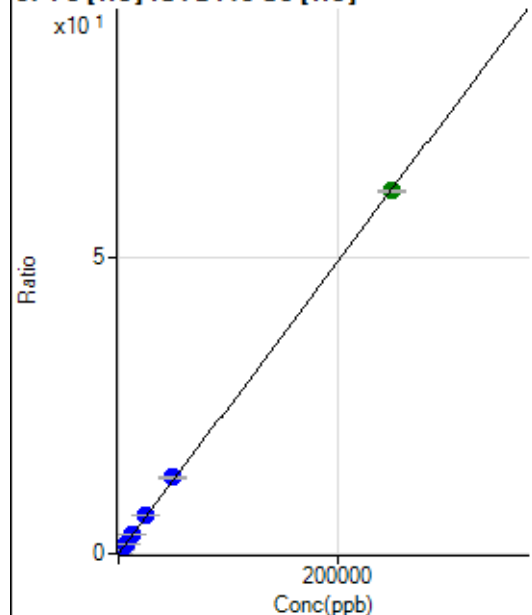
$$R = 0.9999$$

$$DL = 0.1655$$

$$BEC = 0.6809$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	70.37	0.0003	P	37.7
2	☐	50.000	55.072	3550.53	0.0138	P	3.0
3	☐	2500.000	2698.115	162307.48	0.6641	P	0.9
4	☐	6250.000	6817.961	389557.95	1.6778	P	0.9
5	☐	12500.000	13505.899	745208.24	3.3234	P	0.9
6	☐	25000.000	26578.012	1428385.42	6.5398	P	0.8
7	☐	50000.000	52326.666	2746309.70	12.8753	P	0.7
8	☐	250000.00	249310.38	13104072.75	61.3432	A	0.5

$$y = 2.4605E-004 * x + 2.7250E-004$$

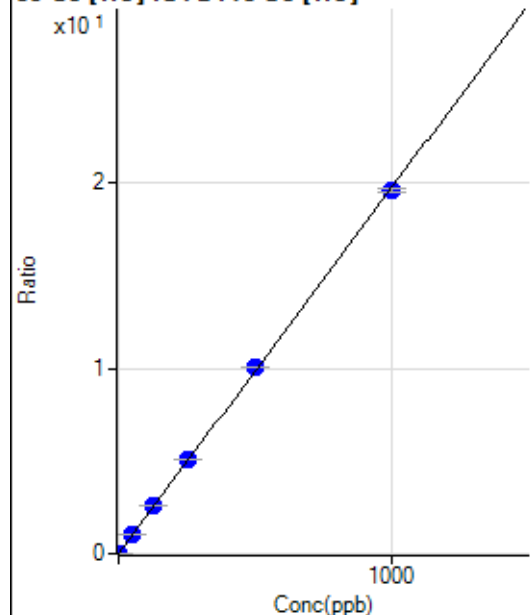
$$R = 0.9999$$

$$DL = 1.252$$

$$BEC = 1.107$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	56.67	0.0002	P	0.5
2	☐	1.000	1.028	5265.47	0.0205	P	0.5
3	☐	50.000	52.475	253110.17	1.0357	P	0.8
4	☐	125.000	131.265	601434.14	2.5904	P	1.1
5	☐	250.000	258.944	1145792.22	5.1099	P	0.9
6	☐	500.000	509.841	2197463.59	10.0608	P	0.8
7	☐	1000.000	991.936	4175065.32	19.5738	P	1.1
8	☐			49047.35	0.2296	P	0.6

$$y = 0.0197 * x + 2.1928E-004$$

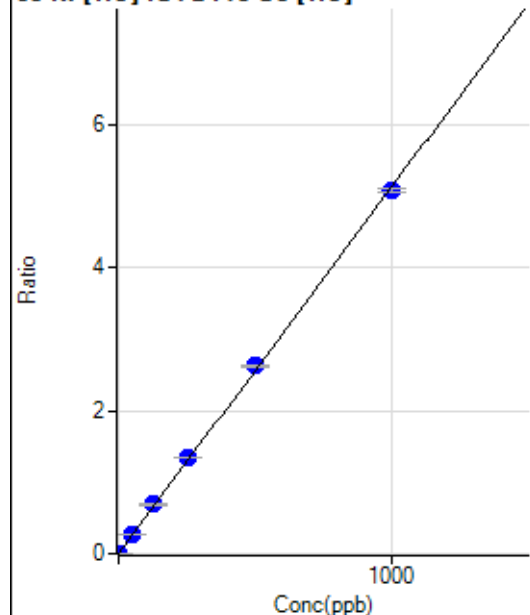
$$R = 0.9999$$

$$DL = 0.0001711$$

$$BEC = 0.01111$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	136.67	0.0005	P	19.0
2	☐	1.000	1.113	1603.45	0.0062	P	3.7
3	☐	50.000	54.034	67908.63	0.2779	P	0.4
4	☐	125.000	133.939	159733.18	0.6880	P	1.2
5	☐	250.000	261.409	300976.06	1.3422	P	0.6
6	☐	500.000	511.829	573897.48	2.6276	P	0.7
7	☐	1000.000	989.914	1083862.47	5.0814	P	1.0
8	☐			31723.36	0.1485	P	0.9

$$y = 0.0051 * x + 5.2854E-004$$

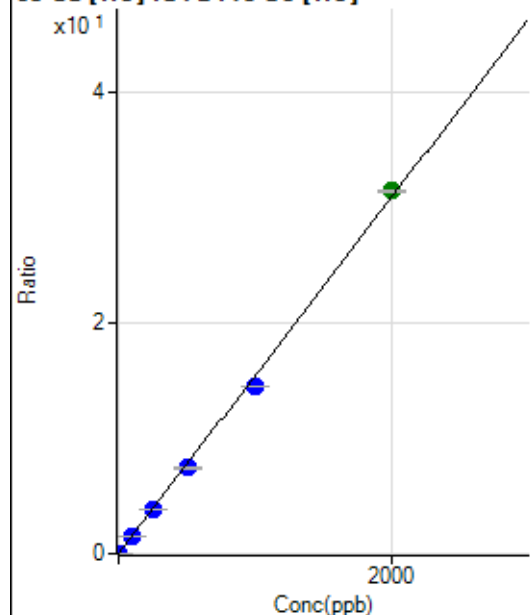
$$R = 0.9998$$

$$DL = 0.05856$$

$$BEC = 0.103$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1166.73	0.0045	P	3.6
2	☐	2.000	1.926	8787.22	0.0342	P	2.3
3	☐	100.000	98.830	373548.21	1.5284	P	0.4
4	☐	250.000	245.650	880497.35	3.7923	P	0.9
5	☐	500.000	481.906	1667211.59	7.4353	P	1.0
6	☐	1000.000	937.334	3157775.93	14.4578	P	0.8
7	☐	2000.000	2036.459	6698891.36	31.4058	A	0.8
8	☐			11106.58	0.0520	P	1.4

$$y = 0.0154 * x + 0.0045$$

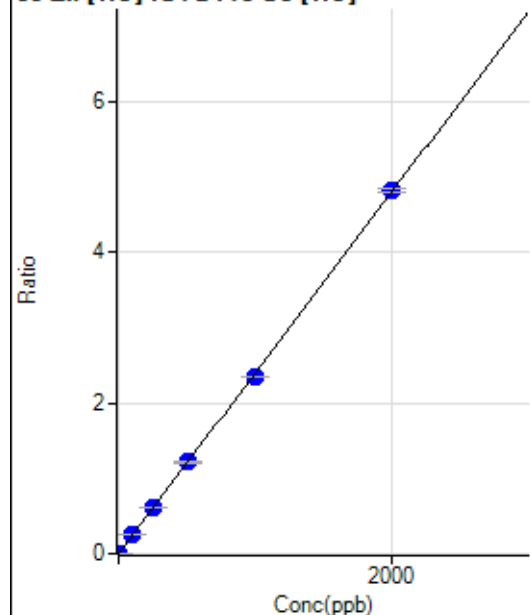
$$R = 0.9992$$

$$DL = 0.03174$$

$$BEC = 0.2928$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	282.23	0.0011	P	7.4
2	☐	2.000	2.118	1584.56	0.0062	P	4.7
3	☐	100.000	105.312	61948.68	0.2535	P	2.2
4	☐	250.000	258.666	144196.97	0.6211	P	1.1
5	☐	500.000	505.688	272027.28	1.2131	P	0.6
6	☐	1000.000	978.229	512342.60	2.3457	P	0.8
7	☐	2000.000	2008.114	1026863.80	4.8142	P	1.1
8	☐			12306.44	0.0576	P	1.6

$$y = 0.0024 * x + 0.0011$$

$$R = 0.9999$$

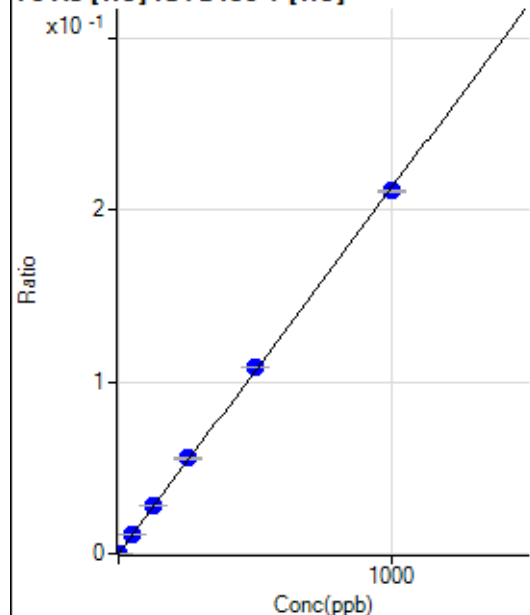
$$DL = 0.1016$$

$$BEC = 0.4555$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.94	0.0000	P	43.3
2	☐	1.000	1.059	320.99	0.0002	P	11.6
3	☐	50.000	52.560	14918.22	0.0112	P	1.3
4	☐	125.000	129.866	35094.13	0.0277	P	0.5
5	☐	250.000	260.901	67760.48	0.0556	P	1.0
6	☐	500.000	508.952	129411.36	0.1084	P	0.3
7	☐	1000.000	992.062	247934.99	0.2113	P	0.3
8	☐			350.62	0.0003	P	11.7

$$y = 2.1302\text{E-}004 * x + 3.5298\text{E-}006$$

$$R = 0.9999$$

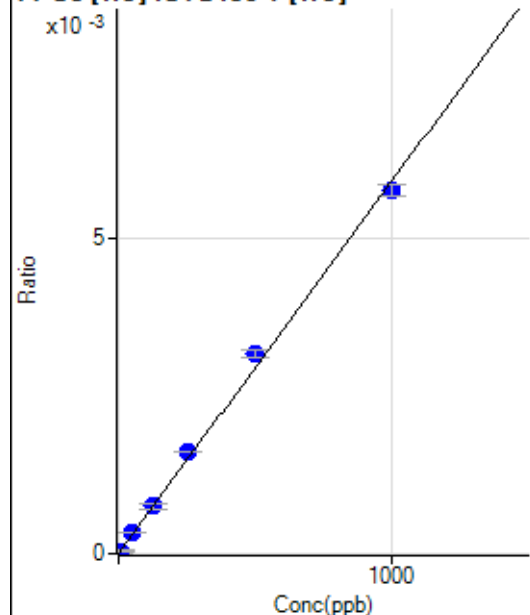
$$DL = 0.02152$$

$$BEC = 0.01657$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	7.248	61.11	0.0000	P	36.8
3	☐	50.000	56.856	448.90	0.0003	P	3.0
4	☐	125.000	127.698	958.94	0.0008	P	10.5
5	☐	250.000	273.764	1974.61	0.0016	P	1.2
6	☐	500.000	536.877	3790.56	0.0032	P	3.1
7	☐	1000.000	974.929	6765.02	0.0058	P	3.1
8	☐			0.00	0.0000	P	

$$y = 5.9135\text{E-}006 * x + 7.9749\text{E-}007$$

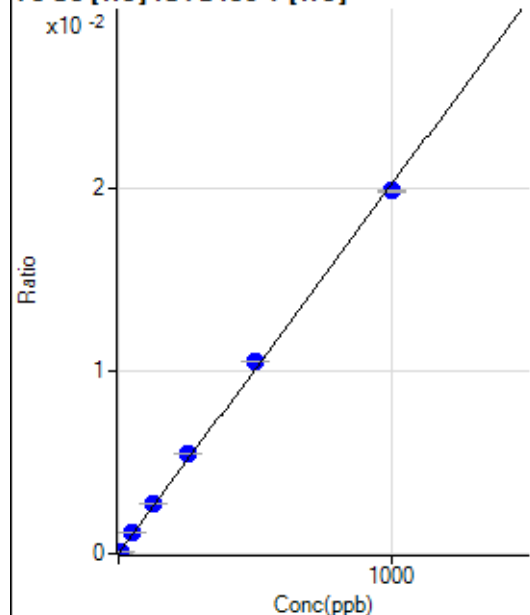
$$R = 0.9987$$

$$DL = 0.7008$$

$$BEC = 0.1349$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18.52	0.0000	P	17.0
2	☐	5.000	5.604	177.16	0.0001	P	7.5
3	☐	50.000	56.039	1526.02	0.0011	P	1.7
4	☐	125.000	134.369	3460.94	0.0027	P	2.6
5	☐	250.000	271.138	6696.04	0.0055	P	0.8
6	☐	500.000	520.626	12573.42	0.0105	P	0.6
7	☐	1000.000	982.926	23318.82	0.0199	P	0.3
8	☐			24.07	0.0000	P	13.2

$$y = 2.0208\text{E-}005 * x + 1.3238\text{E-}005$$

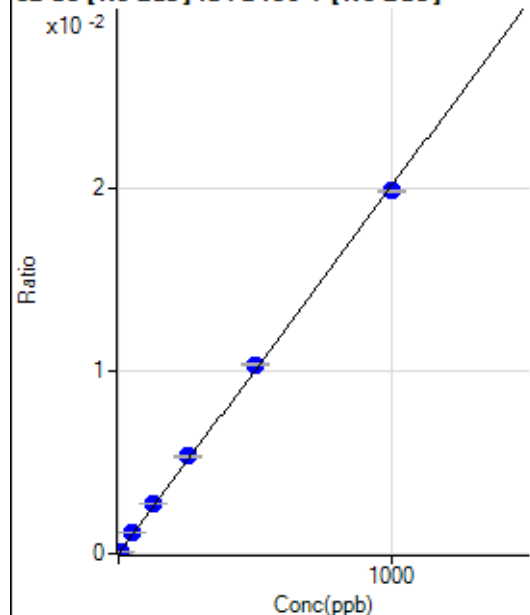
$$R = 0.9994$$

$$DL = 0.3339$$

$$BEC = 0.6551$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-0.36	0.0000	P	-19116.
2	☐	5.000	5.231	1260.13	0.0001	P	14.7
3	☐	50.000	55.638	13129.25	0.0011	P	1.0
4	☐	125.000	134.041	30190.81	0.0027	P	0.7
5	☐	250.000	264.638	56566.13	0.0053	P	0.5
6	☐	500.000	515.286	107552.07	0.0103	P	1.6
7	☐	1000.000	987.284	205231.83	0.0198	P	0.7
8	☐			103.82	0.0000	P	68.2

$$y = 2.0083\text{E-}005 * x - 3.8151\text{E-}008$$

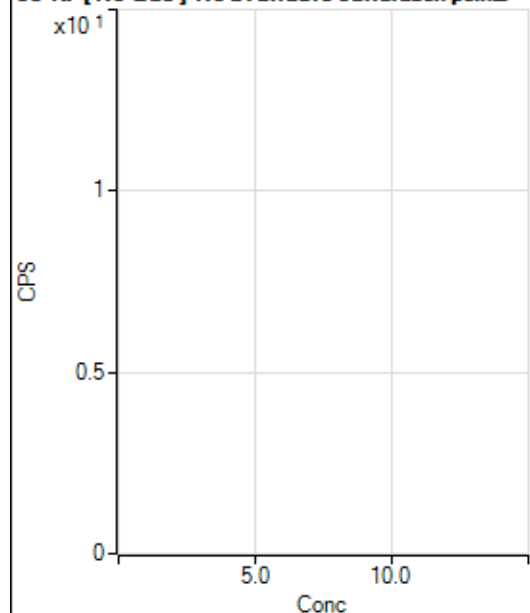
$$R = 0.9997$$

$$DL = 1.089$$

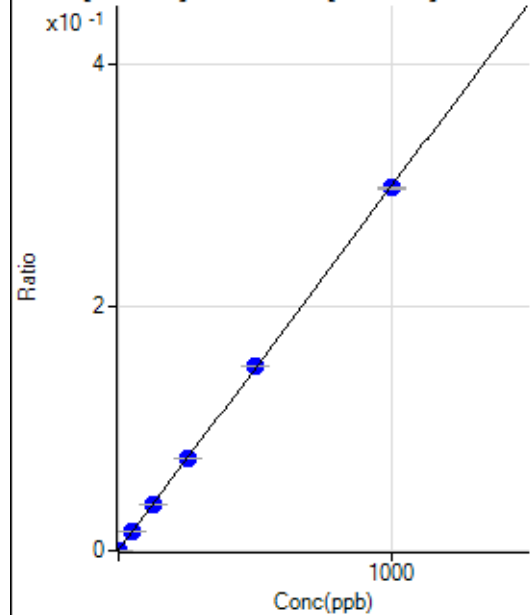
$$BEC = -0.0019$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2326.89		P	5.6
2	☐			2461.36		P	5.7
3	☐			2328.00		P	6.8
4	☐			2223.55		P	3.7
5	☐			2115.75		P	4.9
6	☐			2049.07		P	6.7
7	☐			2059.07		P	6.0
8	☐			1901.27		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3800.68	0.0003	P	2.1
2	☐	1.000	1.027	7410.54	0.0006	P	3.8
3	☐	50.000	50.843	182323.90	0.0155	P	1.8
4	☐	125.000	127.653	431699.04	0.0385	P	0.3
5	☐	250.000	254.354	813004.81	0.0764	P	0.1
6	☐	500.000	506.094	1576463.69	0.1517	P	1.0
7	☐	1000.000	995.491	3085116.72	0.2981	P	0.4
8	☐			15286.51	0.0015	P	2.8

$$y = 2.9909\text{E-}004 * x + 3.1038\text{E-}004$$

$$R = 1.0000$$

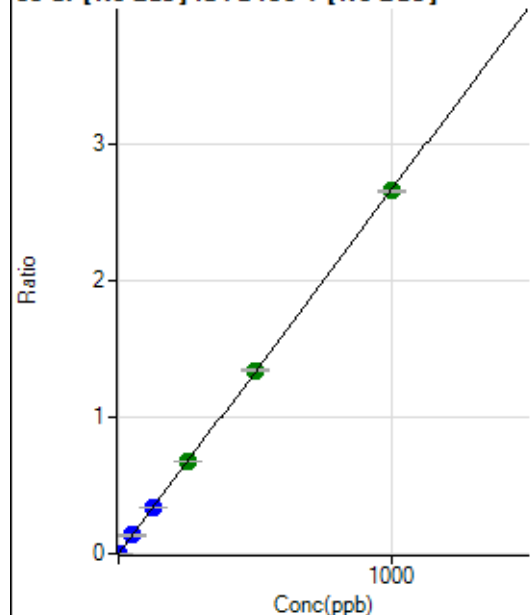
$$DL = 0.06644$$

$$BEC = 1.038$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	133.34	0.0000	P	21.4
2	☐	1.000	0.980	31393.73	0.0026	P	0.5
3	☐	50.000	50.532	1579081.05	0.1344	P	1.5
4	☐	125.000	126.923	3785618.62	0.3375	P	0.7
5	☐	250.000	252.753	7153992.70	0.6721	A	0.4
6	☐	500.000	503.766	13923365.24	1.3397	A	1.5
7	☐	1000.000	997.162	27448123.18	2.6517	A	0.2
8	☐			109882.26	0.0110	P	1.0

$$y = 0.0027 * x + 1.0886E-005$$

$$R = 1.0000$$

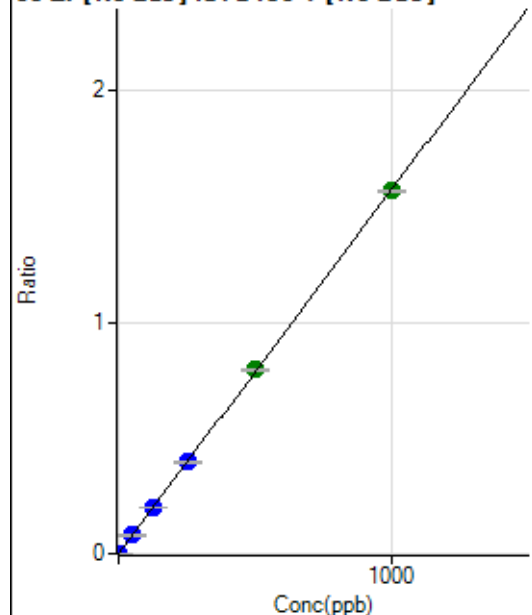
$$DL = 0.002632$$

$$BEC = 0.004093$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	955.63	0.0001	P	7.9
2	☐	1.000	0.879	17508.48	0.0015	P	0.9
3	☐	50.000	50.450	931967.23	0.0793	P	1.5
4	☐	125.000	125.890	2218474.74	0.1978	P	0.4
5	☐	250.000	251.494	4204884.16	0.3951	P	0.5
6	☐	500.000	505.086	8245536.64	0.7934	A	1.5
7	☐	1000.000	996.950	16208294.63	1.5659	A	0.7
8	☐			4184.11	0.0004	P	8.4

$$y = 0.0016 * x + 7.8026E-005$$

$$R = 1.0000$$

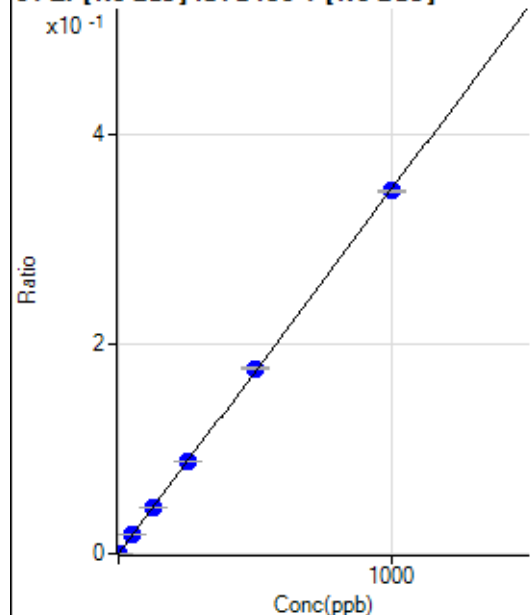
$$DL = 0.01174$$

$$BEC = 0.04968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.12	0.0000	P	18.3
2	☐	1.000	0.852	3770.10	0.0003	P	2.1
3	☐	50.000	50.865	208459.23	0.0177	P	1.6
4	☐	125.000	126.883	496049.71	0.0442	P	0.7
5	☐	250.000	252.615	937034.20	0.0880	P	0.4
6	☐	500.000	506.836	1835709.46	0.1766	P	1.0
7	☐	1000.000	995.650	3591227.47	0.3469	P	0.3
8	☐			894.52	0.0001	P	10.8

$$y = 3.4844\text{E-}004 * x + 1.7235\text{E-}005$$

$$R = 1.0000$$

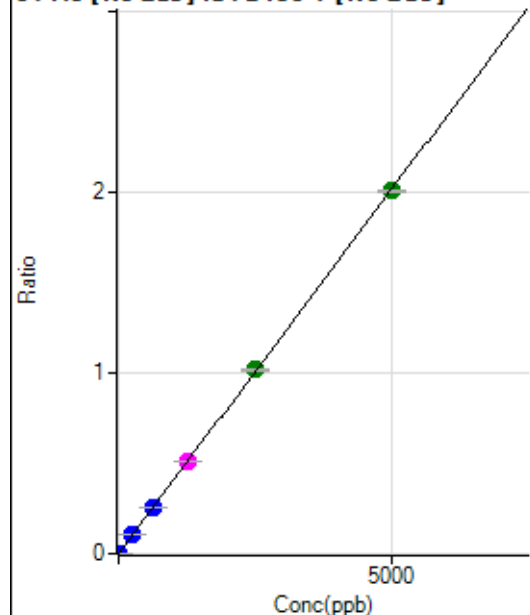
$$DL = 0.02717$$

$$BEC = 0.04946$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	400.03	0.0000	P	23.2
2	☐	5.000	4.675	22974.76	0.0019	P	3.3
3	☐	250.000	254.399	1203656.85	0.1024	P	1.6
4	☐	625.000	638.762	2884356.84	0.2572	P	0.3
5	☐	1250.000	1267.092	5429123.17	0.5101	M	0.2
6	☐	2500.000	2526.516	10570671.85	1.0171	A	1.3
7	☐	5000.000	4980.529	20752794.39	2.0049	A	0.2
8	☐			15689.75	0.0016	P	4.9

$$y = 4.0254\text{E-}004 * x + 3.2656\text{E-}005$$

$$R = 1.0000$$

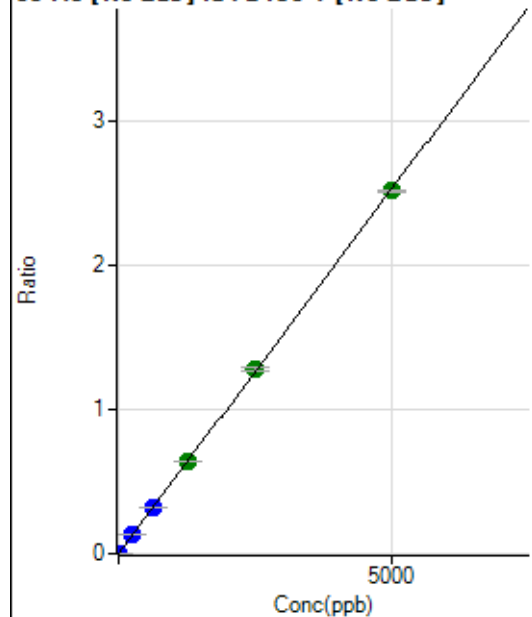
$$DL = 0.05655$$

$$BEC = 0.08112$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	169.45	0.0000	P	20.7
2	☐	5.000	4.817	29420.07	0.0025	P	1.8
3	☐	250.000	253.531	1507906.58	0.1283	P	1.8
4	☐	625.000	636.980	3616064.06	0.3224	P	0.5
5	☐	1250.000	1266.773	6824210.14	0.6412	A	0.3
6	☐	2500.000	2529.865	13307831.55	1.2805	A	1.7
7	☐	5000.000	4979.200	26085847.46	2.5201	A	0.4
8	☐			24444.06	0.0025	P	3.5

$$y = 5.0613\text{E-}004 * x + 1.3842\text{E-}005$$

$$R = 1.0000$$

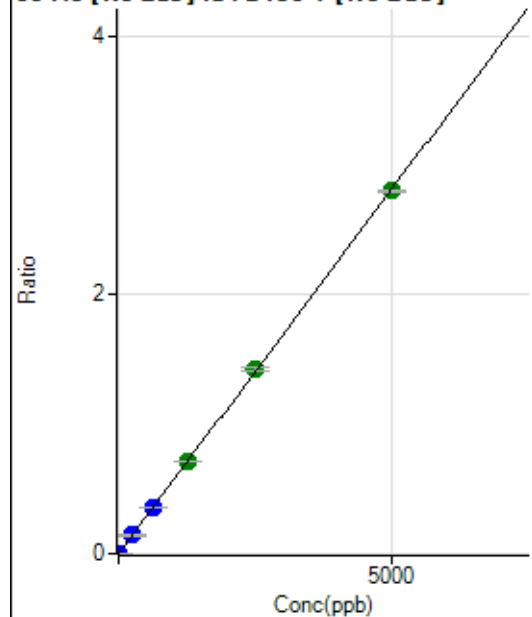
$$DL = 0.01697$$

$$BEC = 0.02735$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	233.35	0.0000	P	21.0
2	☐	5.000	4.717	32081.36	0.0027	P	2.5
3	☐	250.000	251.571	1663537.10	0.1416	P	1.7
4	☐	625.000	632.084	3989374.09	0.3557	P	0.3
5	☐	1250.000	1266.413	7584806.59	0.7126	A	0.3
6	☐	2500.000	2527.121	14779245.99	1.4220	A	1.7
7	☐	5000.000	4981.372	29013971.14	2.8030	A	0.5
8	☐			26912.30	0.0027	P	2.1

$$y = 5.6270\text{E-}004 * x + 1.9045\text{E-}005$$

$$R = 1.0000$$

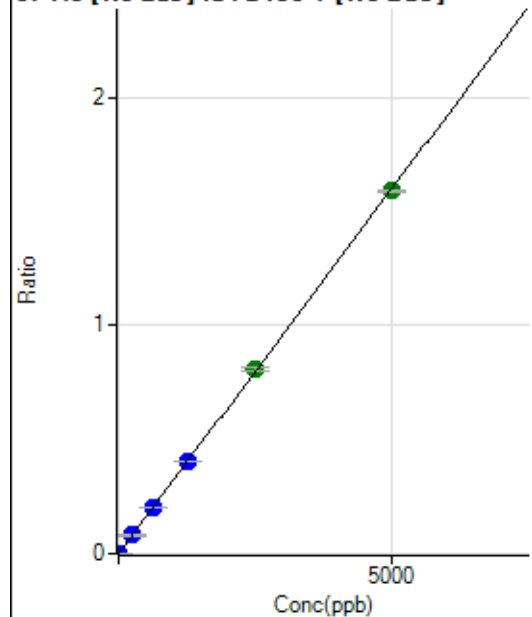
$$DL = 0.02128$$

$$BEC = 0.03385$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	122.23	0.0000	P	20.3
2	☐	5.000	4.765	18382.02	0.0015	P	1.8
3	☐	250.000	251.595	944289.87	0.0804	P	1.5
4	☐	625.000	630.192	2257519.02	0.2013	P	0.2
5	☐	1250.000	1264.118	4297166.50	0.4037	P	0.4
6	☐	2500.000	2536.885	8420926.66	0.8102	A	1.5
7	☐	5000.000	4977.299	16454446.72	1.5897	A	0.4
8	☐			15525.77	0.0016	P	4.7

$$y = 3.1938\text{E-}004 * x + 9.9754\text{E-}006$$

$$R = 1.0000$$

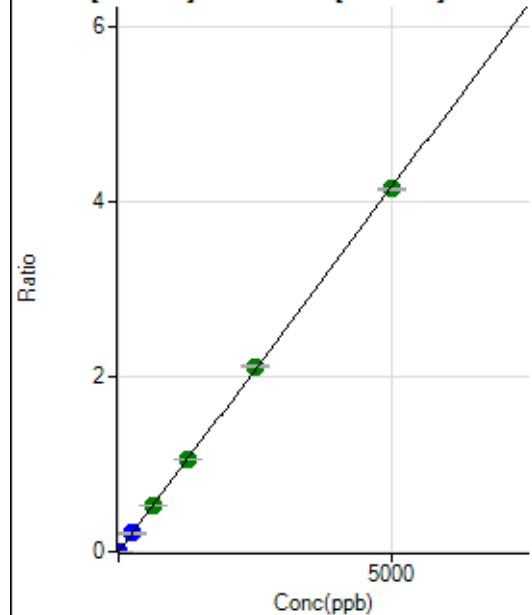
$$DL = 0.01902$$

$$BEC = 0.03123$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	266.68	0.0000	P	19.9
2	☐	5.000	4.767	47892.23	0.0040	P	1.2
3	☐	250.000	251.239	2458427.23	0.2092	P	1.2
4	☐	625.000	631.206	5895158.81	0.5256	A	0.5
5	☐	1250.000	1267.364	11232282.98	1.0553	A	0.1
6	☐	2500.000	2535.763	21945442.33	2.1115	A	1.2
7	☐	5000.000	4976.940	42896538.81	4.1442	A	0.3
8	☐			39725.81	0.0040	P	0.8

$$y = 8.3268\text{E-}004 * x + 2.1790\text{E-}005$$

$$R = 1.0000$$

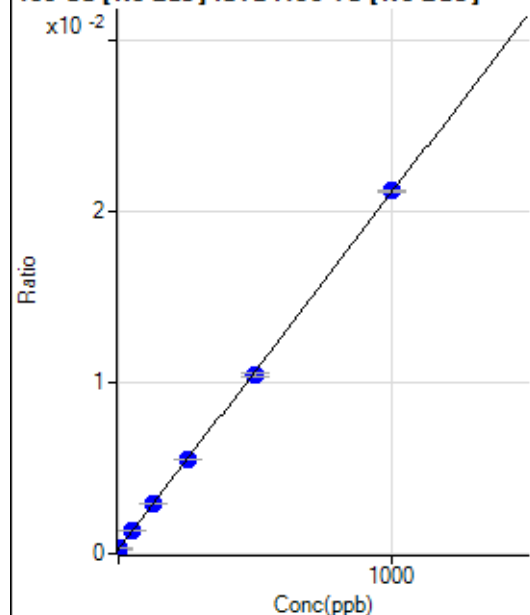
$$DL = 0.0156$$

$$BEC = 0.02617$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5223.43	0.0003	P	8.1
2	☐	1.000	1.809	5895.93	0.0003	P	3.8
3	☐	50.000	54.520	27335.63	0.0014	P	0.6
4	☐	125.000	128.305	55467.59	0.0029	P	0.4
5	☐	250.000	251.670	101129.38	0.0055	P	1.1
6	☐	500.000	488.162	188285.38	0.0104	P	2.4
7	☐	1000.000	1004.861	381741.04	0.0212	P	0.3
8	☐			4712.13	0.0003	P	4.6

$$y = 2.0845\text{E-}005 * x + 2.5853\text{E-}004$$

$$R = 0.9999$$

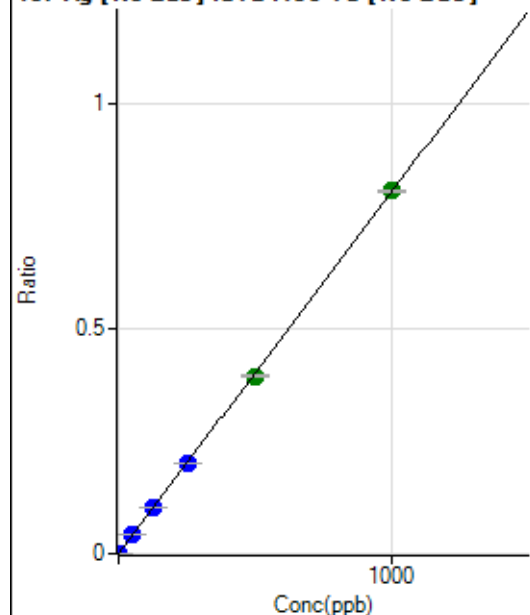
$$DL = 3.006$$

$$BEC = 12.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	7.5
2	☐	1.000	0.782	12681.15	0.0006	P	3.8
3	☐	50.000	52.574	826197.17	0.0422	P	1.9
4	☐	125.000	129.328	1961473.07	0.1037	P	0.6
5	☐	250.000	250.062	3684541.01	0.2005	P	0.4
6	☐	500.000	491.720	7116351.98	0.3943	A	1.9
7	☐	1000.000	1003.455	14487222.72	0.8047	A	0.8
8	☐			1928.00	0.0001	P	15.7

$$y = 8.0194\text{E-}004 * x + 9.8999\text{E-}006$$

$$R = 0.9999$$

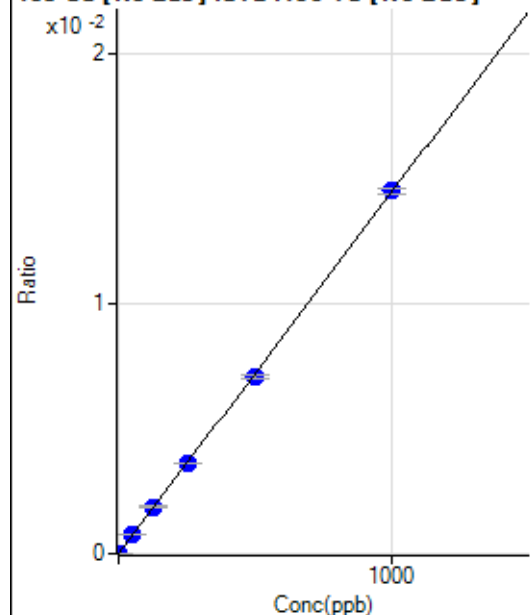
$$DL = 0.002774$$

$$BEC = 0.01234$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15.28	0.0000	P	41.7
2	☐	1.000	0.989	300.01	0.0000	P	28.6
3	☐	50.000	53.666	15229.29	0.0008	P	5.4
4	☐	125.000	129.753	35529.41	0.0019	P	1.6
5	☐	250.000	250.772	66706.59	0.0036	P	1.0
6	☐	500.000	489.424	127857.71	0.0071	P	2.2
7	☐	1000.000	1004.318	261727.30	0.0145	P	1.4
8	☐			62.50	0.0000	P	35.1

$$y = 1.4475\text{E-}005 * x + 7.5606\text{E-}007$$

$$R = 0.9999$$

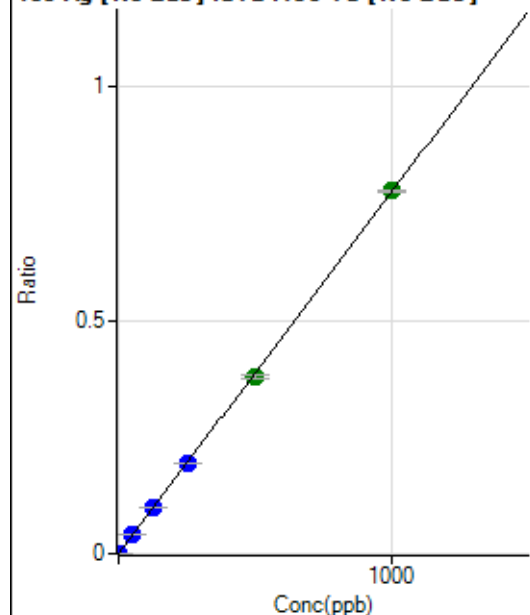
$$DL = 0.06539$$

$$BEC = 0.05223$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.78	0.0000	P	16.9
2	☐	1.000	0.790	12269.65	0.0006	P	2.6
3	☐	50.000	52.832	800932.72	0.0409	P	2.4
4	☐	125.000	129.317	1892238.91	0.1001	P	0.5
5	☐	250.000	250.992	3568078.12	0.1942	P	0.2
6	☐	500.000	491.128	6857752.58	0.3800	A	1.9
7	☐	1000.000	1003.507	13978386.60	0.7765	A	0.4
8	☐			1652.95	0.0001	P	3.9

$$y = 7.7374\text{E-}004 * x + 5.0867\text{E-}006$$

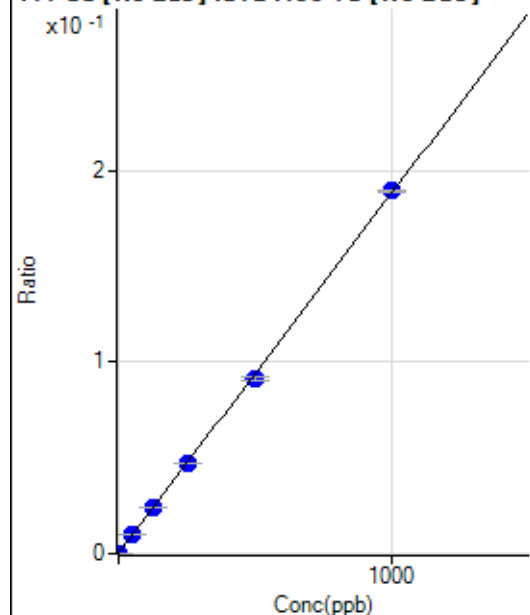
$$R = 0.9999$$

$$DL = 0.003329$$

$$BEC = 0.006574$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3683.21	0.0002	P	8.5
2	☐	1.000	1.035	7502.41	0.0004	P	3.5
3	☐	50.000	51.991	195195.42	0.0100	P	1.5
4	☐	125.000	128.020	458884.90	0.0243	P	0.7
5	☐	250.000	249.207	864681.02	0.0471	P	0.7
6	☐	500.000	485.888	1652744.88	0.0916	P	2.5
7	☐	1000.000	1006.777	3413026.27	0.1896	P	0.7
8	☐			3770.04	0.0002	P	4.1

$$y = 1.8812\text{E-}004 * x + 1.8230\text{E-}004$$

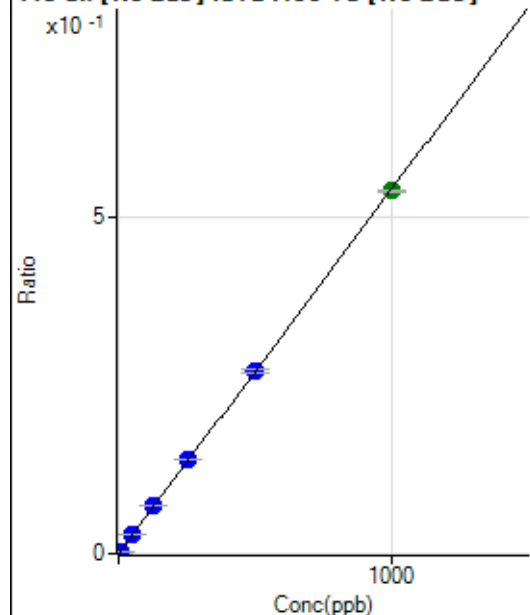
$$R = 0.9998$$

$$DL = 0.2467$$

$$BEC = 0.969$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	802.84	0.0000	P	4.7
2	☐	5.000	5.151	56241.16	0.0028	P	1.2
3	☐	50.000	52.342	555436.80	0.0284	P	2.3
4	☐	125.000	130.356	1334166.90	0.0706	P	0.5
5	☐	250.000	256.842	2553204.18	0.1390	P	0.3
6	☐	500.000	503.303	4913650.46	0.2723	P	2.0
7	☐	1000.000	995.850	9698252.39	0.5387	A	0.5
8	☐			4428.67	0.0003	P	3.7

$$y = 5.4091\text{E-}004 * x + 3.9732\text{E-}005$$

$$R = 1.0000$$

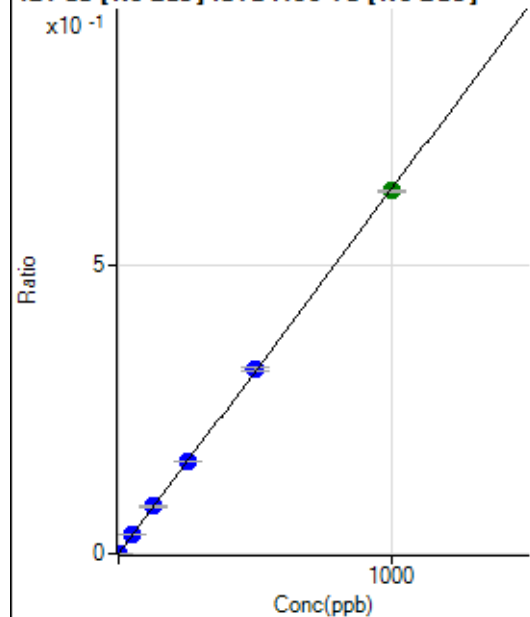
$$DL = 0.01026$$

$$BEC = 0.07345$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	191.68	0.0000	P	14.8
2	☐	2.000	1.954	24833.89	0.0012	P	2.7
3	☐	50.000	51.897	644379.79	0.0329	P	2.4
4	☐	125.000	129.470	1551417.22	0.0820	P	1.3
5	☐	250.000	254.845	2966813.00	0.1615	P	0.4
6	☐	500.000	505.788	5783398.91	0.3205	P	2.0
7	☐	1000.000	995.241	11352669.44	0.6306	A	0.2
8	☐			15194.98	0.0009	P	3.1

$$y = 6.3361E-004 * x + 9.4834E-006$$

$$R = 1.0000$$

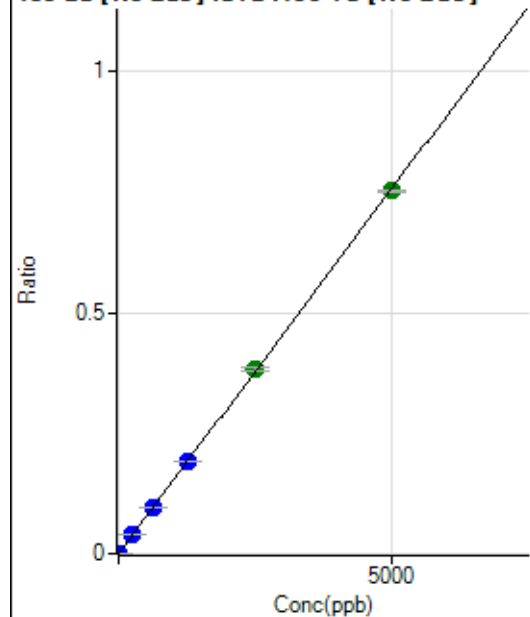
$$DL = 0.006625$$

$$BEC = 0.01497$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	75.7
2	☐	10.000	10.236	30843.48	0.0015	P	2.0
3	☐	250.000	258.190	765162.64	0.0391	P	2.0
4	☐	625.000	643.893	1841877.28	0.0974	P	0.6
5	☐	1250.000	1261.425	3505649.21	0.1908	P	0.6
6	☐	2500.000	2539.619	6932411.79	0.3842	A	2.2
7	☐	5000.000	4974.562	13546800.30	0.7525	A	0.3
8	☐			1827.98	0.0001	P	14.5

$$y = 1.5127E-004 * x + 1.3753E-006$$

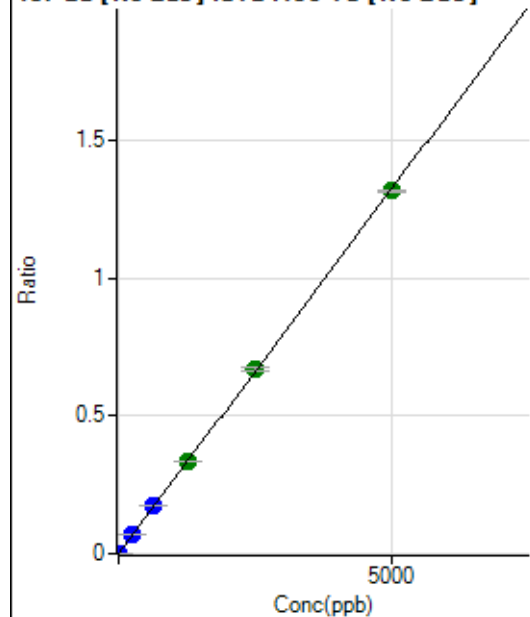
$$R = 0.9999$$

$$DL = 0.02065$$

$$BEC = 0.009092$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.44	0.0000	P	75.9
2	☐	10.000	10.346	54505.13	0.0027	P	4.2
3	☐	250.000	260.158	1348194.41	0.0688	P	2.2
4	☐	625.000	649.433	3248522.45	0.1718	P	0.4
5	☐	1250.000	1274.314	6192730.65	0.3371	A	0.5
6	☐	2500.000	2531.485	12083864.94	0.6696	A	1.8
7	☐	5000.000	4974.616	23688681.43	1.3158	A	0.8
8	☐			3144.96	0.0002	P	6.3

$$y = 2.6451E-004 * x + 2.1997E-006$$

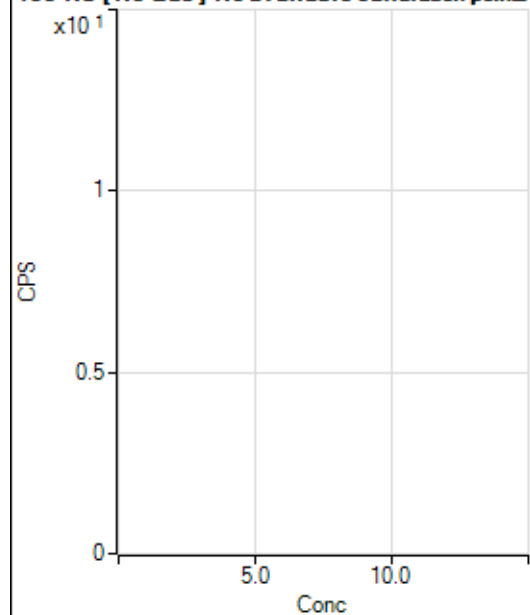
$$R = 1.0000$$

$$DL = 0.01894$$

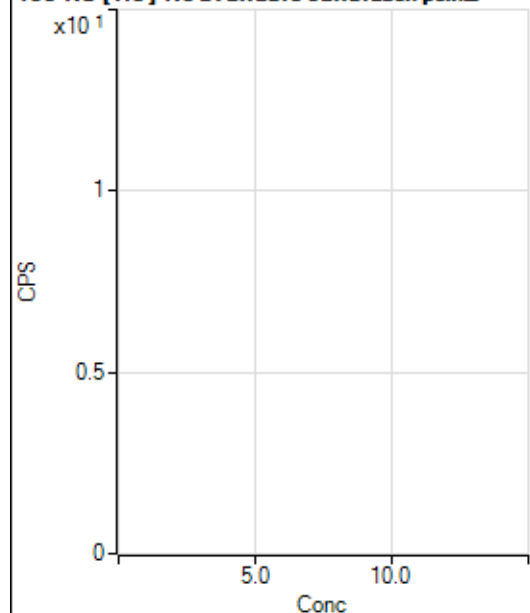
$$BEC = 0.008316$$

Weight: <None>

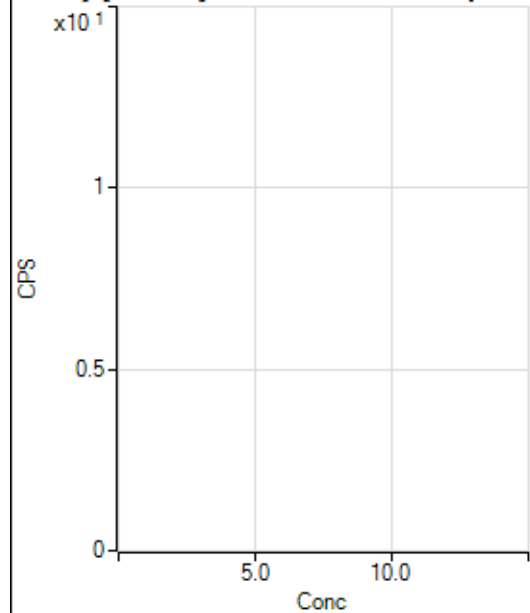
Min Conc: 0

150 Nd [No Gas] No available calibration points

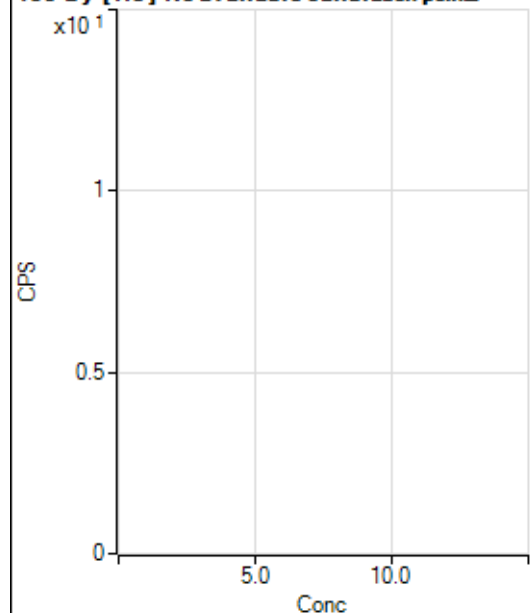
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	173.2
2	☐			6.67		P	0.0
3	☐			95.56		P	4.0
4	☐			175.56		P	7.9
5	☐			313.35		P	22.5
6	☐			566.70		P	13.3
7	☐			1151.20		P	8.7
8	☐			193.34		P	12.4

150 Nd [He] No available calibration points

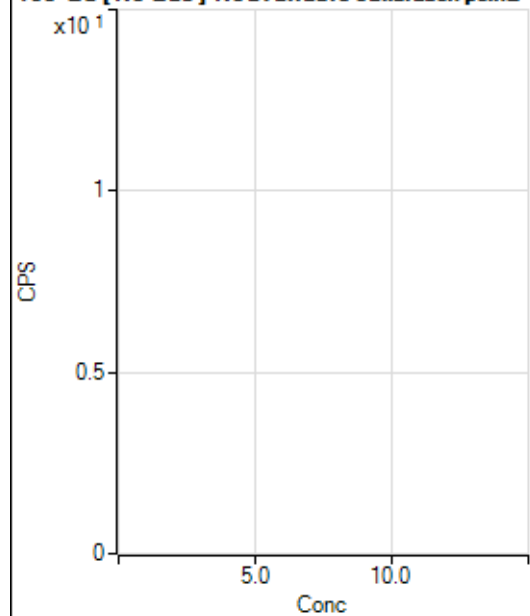
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4.44		P	114.6
2	☐			6.67		P	50.0
3	☐			8.89		P	86.6
4	☐			12.22		P	31.5
5	☐			37.78		P	25.5
6	☐			43.33		P	46.2
7	☐			66.67		P	34.6
8	☐			63.33		P	50.2

156 Dy [No Gas] No available calibration points

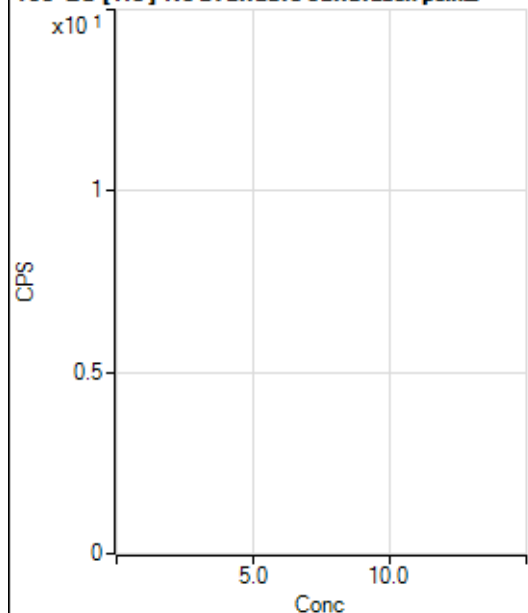
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	50.0
2	☐			11.11		P	114.6
3	☐			16.67		P	100.0
4	☐			41.67		P	87.2
5	☐			61.11		P	55.1
6	☐			144.45		P	23.3
7	☐			255.57		P	11.5
8	☐			69.45		P	30.2

156 Dy [He] No available calibration points

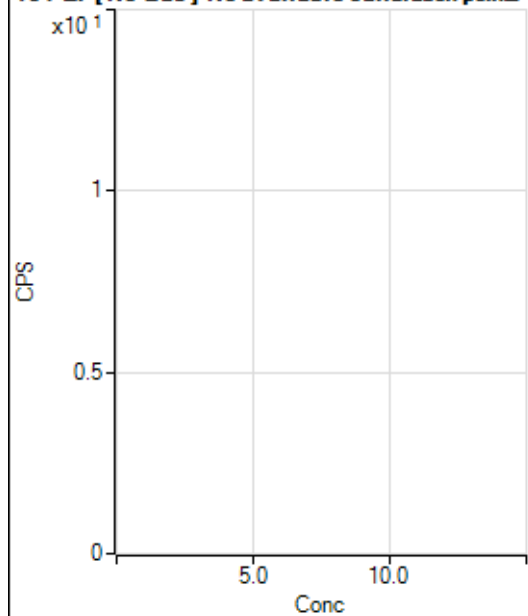
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			15.56		P	12.4
2	☐			14.44		P	53.3
3	☐			37.78		P	20.4
4	☐			55.56		P	29.6
5	☐			41.11		P	40.0
6	☐			120.00		P	12.1
7	☐			192.22		P	7.0
8	☐			35.55		P	37.9

160 Gd [No Gas] Noavailable calibration poin_

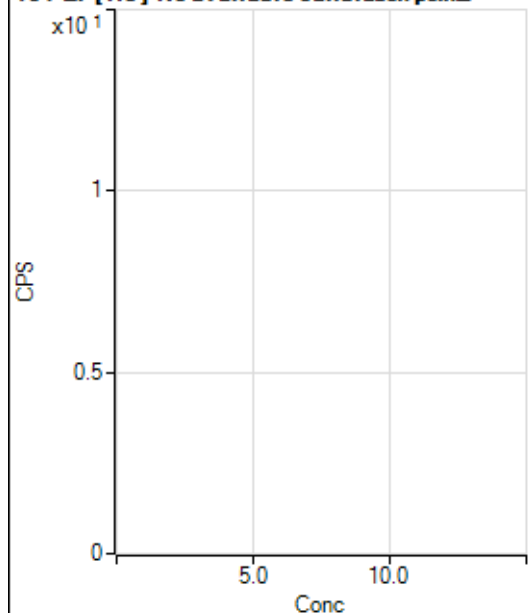
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			88.89		P	14.3
2	☐			125.00		P	41.6
3	☐			102.78		P	18.7
4	☐			91.67		P	15.7
5	☐			100.01		P	46.4
6	☐			111.12		P	48.2
7	☐			122.23		P	17.2
8	☐			125.01		P	23.1

160 Gd [He] No available calibration points

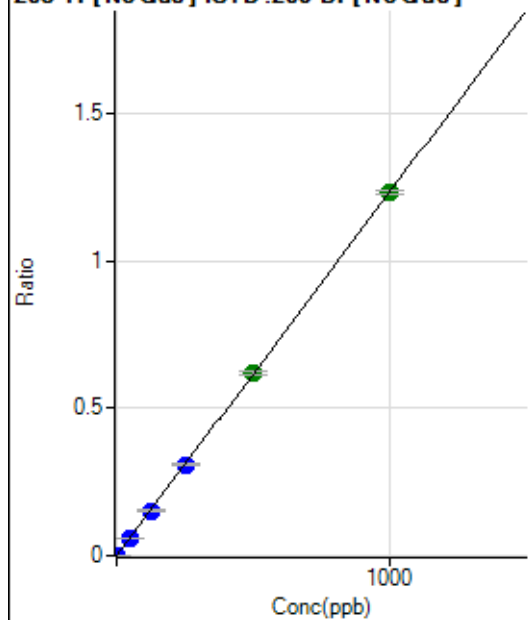
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			167.78		P	14.4
2	☐			181.11		P	9.4
3	☐			192.23		P	5.6
4	☐			177.78		P	12.1
5	☐			162.23		P	24.1
6	☐			177.78		P	25.2
7	☐			198.89		P	8.6
8	☐			200.00		P	10.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			80.56		P	29.9
2	☐			75.00		P	11.1
3	☐			94.45		P	25.5
4	☐			91.67		P	27.3
5	☐			88.89		P	35.5
6	☐			100.01		P	8.3
7	☐			108.34		P	33.5
8	☐			100.00		P	8.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			45.55		P	15.2
2	☐			50.00		P	13.3
3	☐			48.89		P	14.2
4	☐			55.56		P	30.8
5	☐			60.00		P	36.4
6	☐			63.33		P	13.9
7	☐			52.22		P	25.8
8	☐			64.45		P	32.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1138.99	0.0001	P	10.2
2	☐	1.000	0.937	17595.64	0.0012	P	1.2
3	☐	50.000	49.138	851817.95	0.0607	P	2.1
4	☐	125.000	124.218	2078501.17	0.1533	P	0.7
5	☐	250.000	250.296	4029137.55	0.3089	P	1.0
6	☐	500.000	503.513	7844382.29	0.6213	A	1.6
7	☐	1000.000	998.311	15284094.44	1.2318	A	0.9
8	☐			4673.26	0.0004	P	3.4

$$y = 0.0012 * x + 7.7923E-005$$

$$R = 1.0000$$

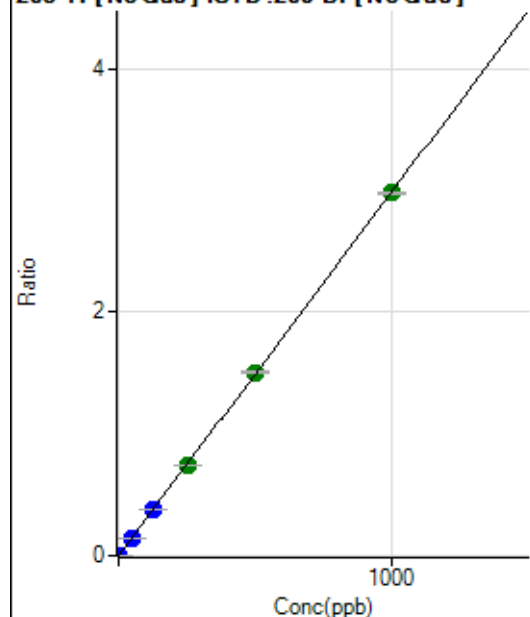
$$DL = 0.0194$$

$$BEC = 0.06316$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2100.27	0.0001	P	4.9
2	☐	1.000	0.948	42374.04	0.0030	P	1.2
3	☐	50.000	49.134	2058902.32	0.1467	P	1.7
4	☐	125.000	125.297	5068524.72	0.3739	P	0.9
5	☐	250.000	249.999	9730056.81	0.7459	A	0.8
6	☐	500.000	503.407	18963188.10	1.5019	A	1.2
7	☐	1000.000	998.303	36955174.79	2.9783	A	0.6
8	☐			10451.82	0.0010	P	9.7

$$y = 0.0030 * x + 1.4368E-004$$

$$R = 1.0000$$

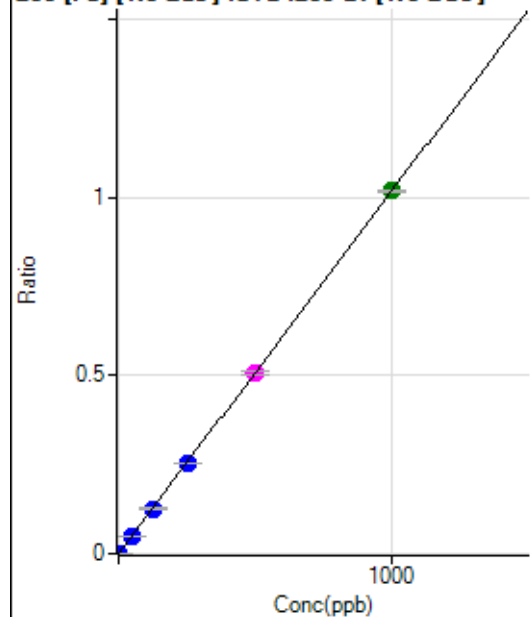
$$DL = 0.007089$$

$$BEC = 0.04816$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1383.45	0.0001	P	2.0
2	☐	1.000	0.956	15218.36	0.0011	P	1.6
3	☐	50.000	48.949	700195.53	0.0499	P	1.4
4	☐	125.000	124.358	1716374.52	0.1266	P	0.5
5	☐	250.000	247.910	3291447.56	0.2523	P	0.0
6	☐	500.000	498.476	6404344.41	0.5073	M	1.8
7	☐	1000.000	1001.417	12643891.02	1.0190	A	0.2
8	☐			10545.19	0.0010	P	3.2

$$y = 0.0010 * x + 9.4663E-005$$

$$R = 1.0000$$

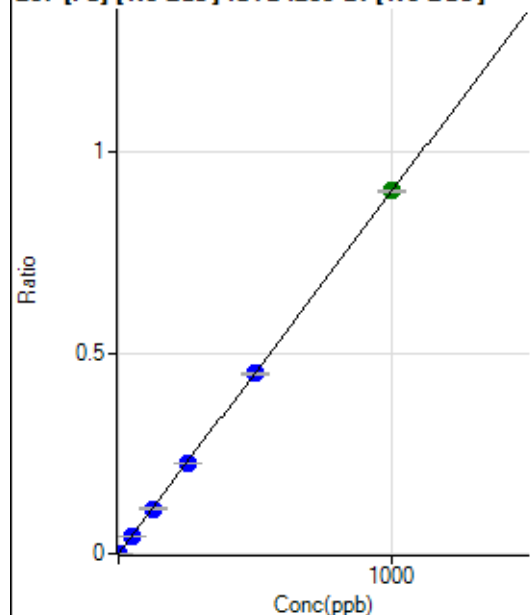
$$DL = 0.005473$$

$$BEC = 0.09304$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1285.29	0.0001	P	7.4
2	☐	1.000	0.930	13227.31	0.0009	P	2.3
3	☐	50.000	49.034	622296.76	0.0443	P	1.1
4	☐	125.000	124.435	1523596.79	0.1124	P	0.8
5	☐	250.000	247.833	2919060.14	0.2238	P	0.2
6	☐	500.000	497.480	5670281.26	0.4491	P	1.5
7	☐	1000.000	1001.921	11222157.66	0.9044	A	0.4
8	☐			9859.49	0.0009	P	2.1

$$y = 9.0259\text{E-}004 * x + 8.7911\text{E-}005$$

$$R = 1.0000$$

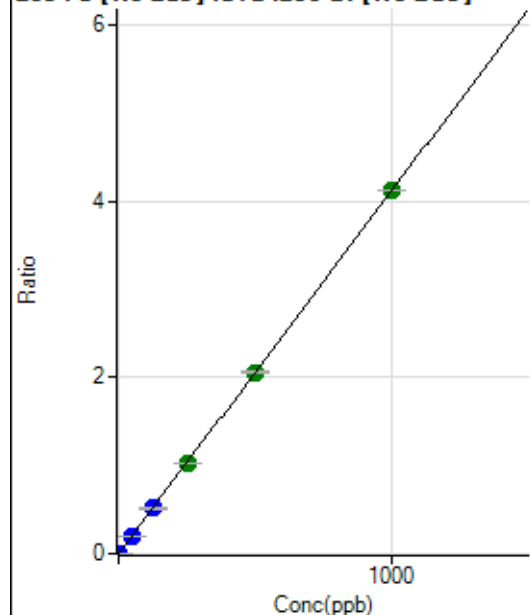
$$DL = 0.02171$$

$$BEC = 0.0974$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4959.76	0.0003	P	1.3
2	☐	1.000	0.941	60028.08	0.0042	P	1.4
3	☐	50.000	49.137	2840505.23	0.2024	P	1.2
4	☐	125.000	124.577	6949406.69	0.5127	P	0.4
5	☐	250.000	248.938	13358912.19	1.0241	A	0.2
6	☐	500.000	500.306	25982012.33	2.0579	A	1.6
7	☐	1000.000	1000.209	51045469.43	4.1138	A	0.2
8	☐			43285.99	0.0040	P	1.8

$$y = 0.0041 * x + 3.3938\text{E-}004$$

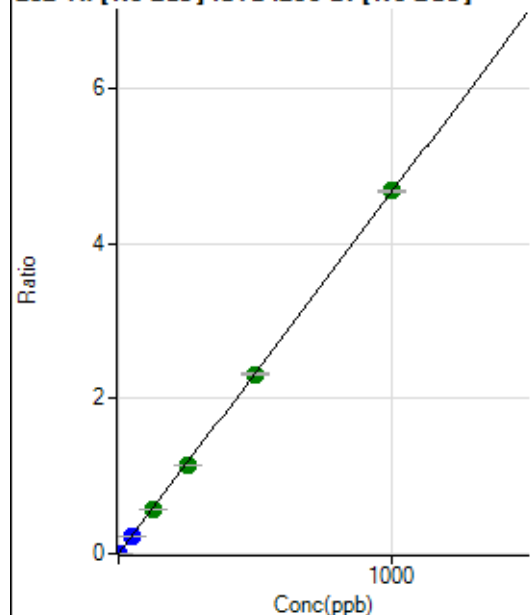
$$R = 1.0000$$

$$DL = 0.003227$$

$$BEC = 0.08252$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2461.42	0.0002	P	3.2
2	☐	1.000	0.785	54647.44	0.0038	P	1.2
3	☐	50.000	46.895	3073162.71	0.2190	P	1.6
4	☐	125.000	120.408	7618331.83	0.5620	A	0.9
5	☐	250.000	243.737	14838376.72	1.1375	A	0.4
6	☐	500.000	496.538	29257318.71	2.3172	A	1.1
7	☐	1000.000	1004.026	58137842.04	4.6854	A	0.3
8	☐			9796.54	0.0009	P	8.0

$$y = 0.0047 * x + 1.6841E-004$$

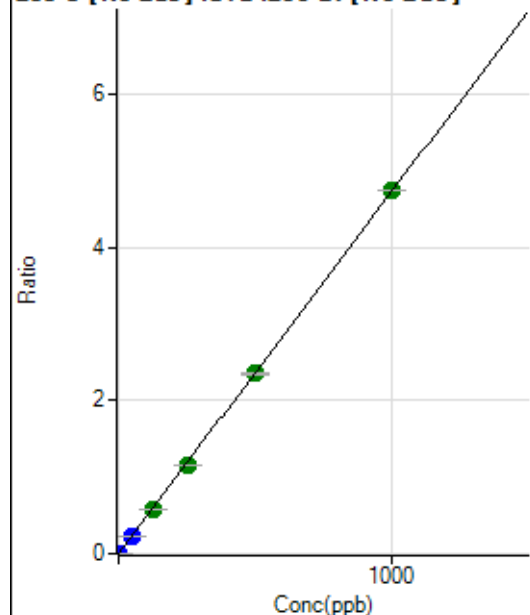
$$R = 1.0000$$

$$DL = 0.003423$$

$$BEC = 0.03609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2936.58	0.0002	P	4.8
2	☐	1.000	0.873	61696.58	0.0043	P	0.7
3	☐	50.000	46.849	3110727.22	0.2217	P	1.9
4	☐	125.000	120.761	7740922.48	0.5711	A	1.4
5	☐	250.000	244.134	15057754.33	1.1544	A	0.2
6	☐	500.000	498.163	29738108.65	2.3553	A	1.2
7	☐	1000.000	1003.073	58843979.09	4.7422	A	0.0
8	☐			6160.12	0.0006	P	9.9

$$y = 0.0047 * x + 2.0095E-004$$

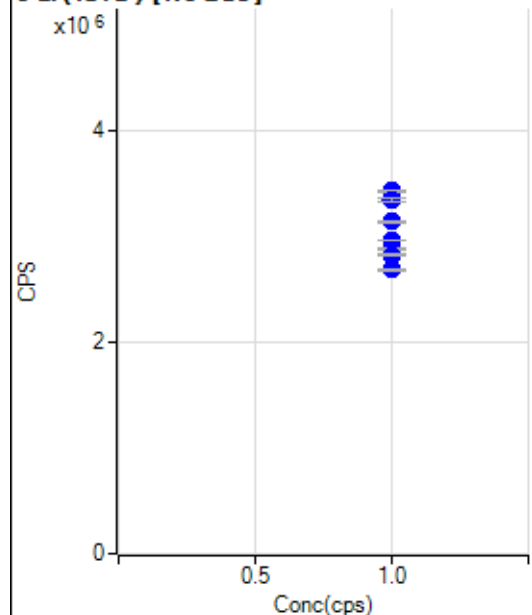
$$R = 1.0000$$

$$DL = 0.006074$$

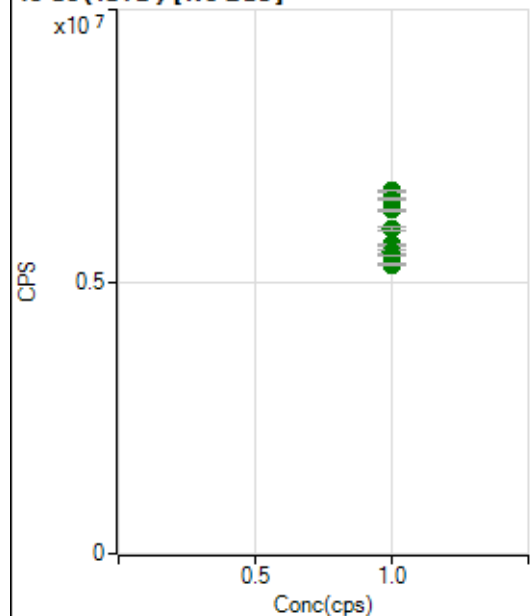
$$BEC = 0.04251$$

Weight: <None>

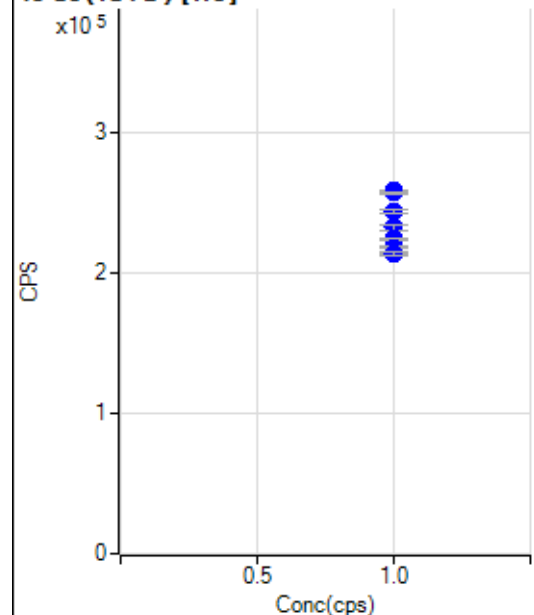
Min Conc: 0

6 Li (ISTD) [No Gas]

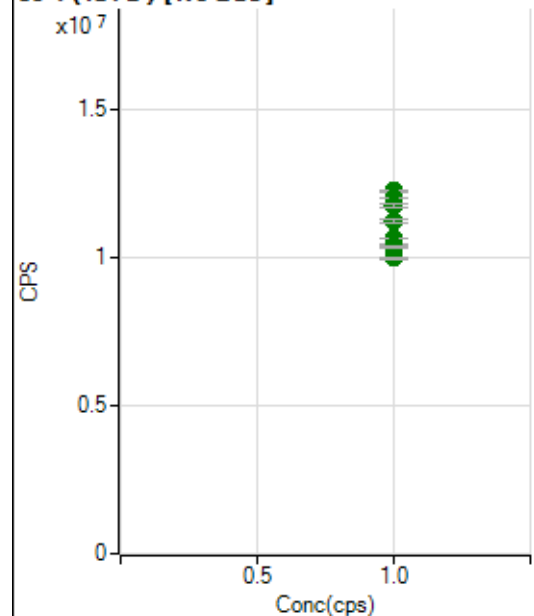
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3433111.80		P	0.1
2	☐	1.000		3428071.70		P	0.4
3	☐	1.000		3347049.69		P	1.1
4	☐	1.000		3139039.20		P	1.0
5	☐	1.000		2971788.67		P	0.1
6	☐	1.000		2883496.82		P	1.1
7	☐	1.000		2825514.94		P	0.6
8	☐	1.000		2684887.47		P	0.8

45 Sc (ISTD) [No Gas]

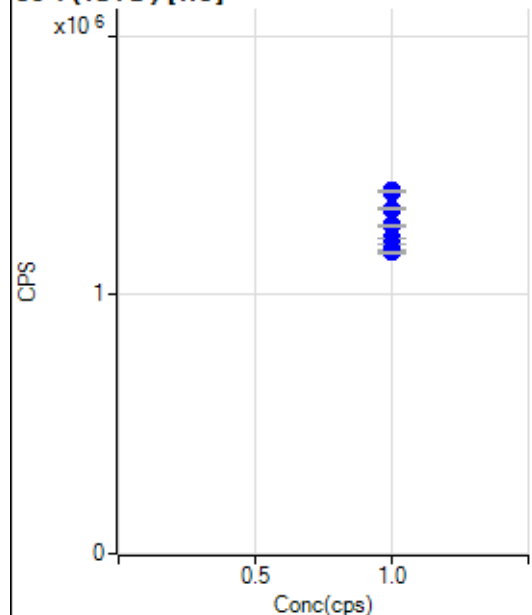
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6675041.38		A	0.2
2	☐	1.000		6524866.73		A	0.5
3	☐	1.000		6315956.00		A	1.0
4	☐	1.000		5996265.59		A	1.2
5	☐	1.000		5680819.75		A	0.6
6	☐	1.000		5540985.76		A	1.3
7	☐	1.000		5491528.34		A	0.3
8	☐	1.000		5319568.26		A	0.4

45 Sc (ISTD) [He]

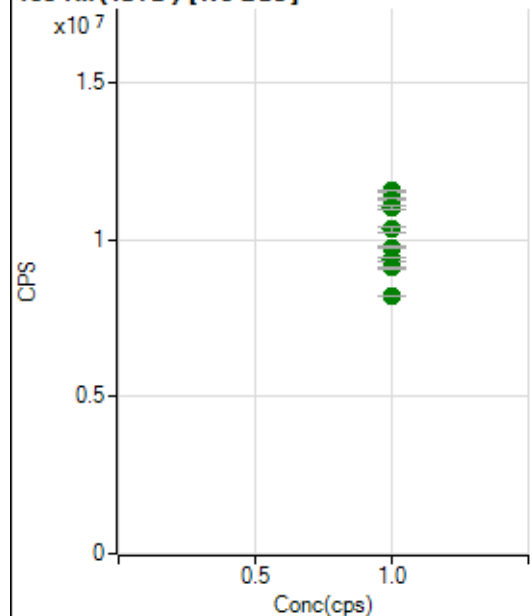
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		258438.60		P	0.5
2	☐	1.000		256869.55		P	0.3
3	☐	1.000		244400.56		P	1.1
4	☐	1.000		232194.61		P	1.2
5	☐	1.000		224241.95		P	1.0
6	☐	1.000		218416.35		P	0.6
7	☐	1.000		213307.17		P	0.6
8	☐	1.000		213624.83		P	0.8

89 Y (ISTD) [No Gas]

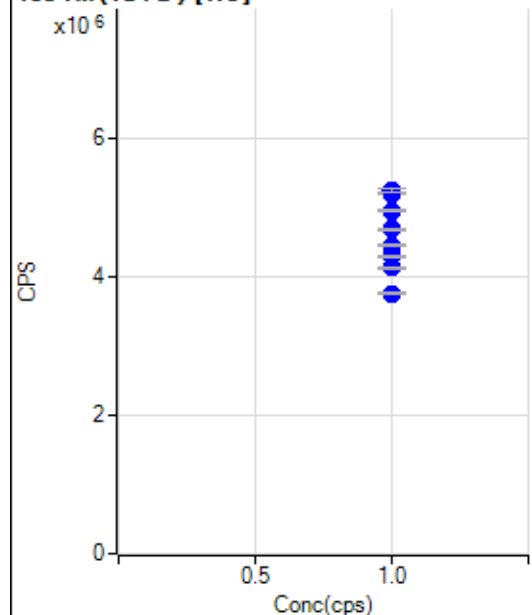
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12244513.43		A	0.5
2	☐	1.000		12000018.29		A	0.2
3	☐	1.000		11751220.66		A	1.1
4	☐	1.000		11215896.36		A	0.8
5	☐	1.000		10643434.98		A	0.3
6	☐	1.000		10394095.33		A	0.9
7	☐	1.000		10350981.24		A	0.3
8	☐	1.000		9962685.34		A	0.2

89 Y(ISTD) [He]

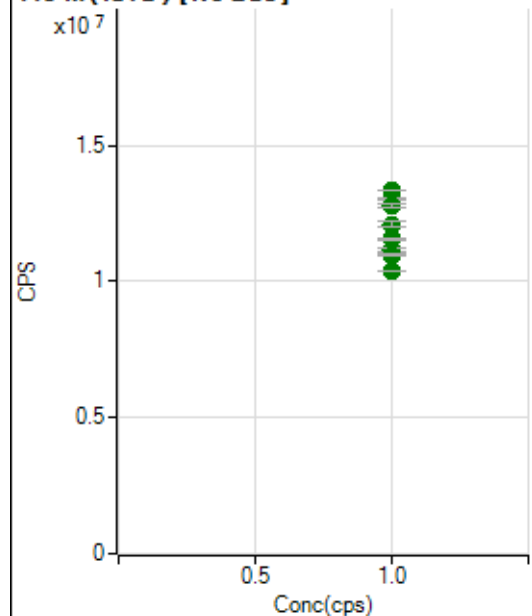
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1398180.48		P	0.4
2	☐	1.000		1401361.45		P	0.9
3	☐	1.000		1332041.57		P	0.4
4	☐	1.000		1268412.40		P	0.3
5	☐	1.000		1219145.03		P	0.3
6	☐	1.000		1193610.62		P	0.2
7	☐	1.000		1173209.61		P	0.3
8	☐	1.000		1162499.39		P	0.3

103 Rh(ISTD) [No Gas]

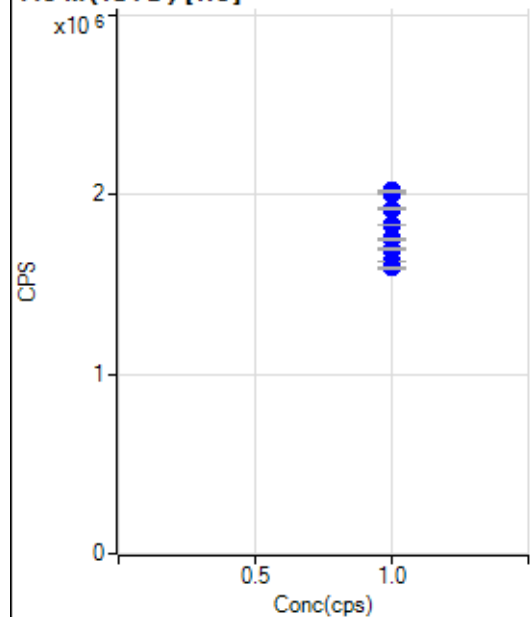
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11564519.18		A	0.2
2	☐	1.000		11304070.57		A	0.4
3	☐	1.000		11028697.38		A	1.2
4	☐	1.000		10342111.08		A	1.8
5	☐	1.000		9759090.06		A	0.7
6	☐	1.000		9379280.59		A	0.7
7	☐	1.000		9107668.08		A	0.5
8	☐	1.000		8229812.85		A	0.1

103 Rh (ISTD) [He]

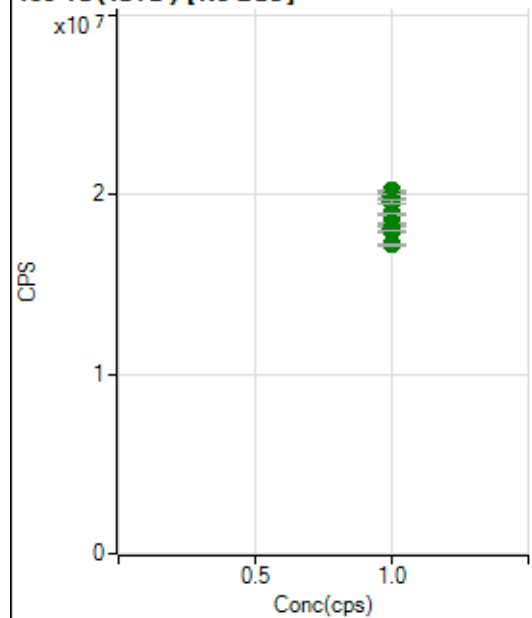
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5192221.69		P	0.2
2	☐	1.000		5229662.56		P	1.0
3	☐	1.000		4945321.25		P	0.4
4	☐	1.000		4673323.71		P	0.5
5	☐	1.000		4446626.57		P	0.2
6	☐	1.000		4290627.65		P	0.6
7	☐	1.000		4119864.97		P	0.2
8	☐	1.000		3754889.28		P	0.1

115 In (ISTD) [No Gas]

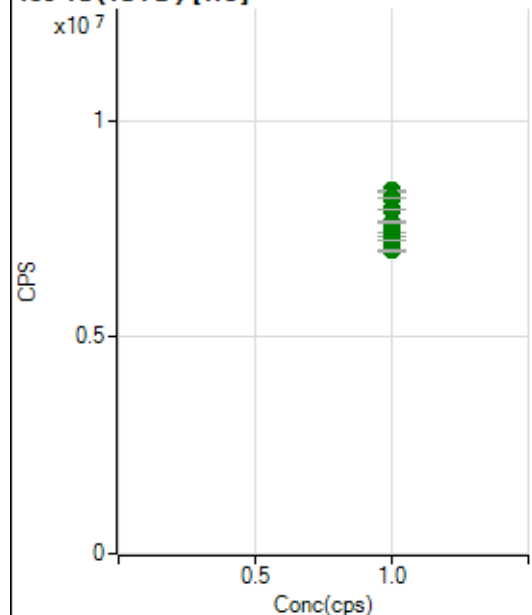
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13321091.39		A	0.2
2	☐	1.000		13019413.30		A	0.6
3	☐	1.000		12789211.07		A	0.9
4	☐	1.000		12107195.09		A	1.2
5	☐	1.000		11550545.19		A	0.8
6	☐	1.000		11179201.41		A	1.2
7	☐	1.000		10952968.55		A	0.5
8	☐	1.000		10377053.79		A	0.6

115 In (ISTD) [He]

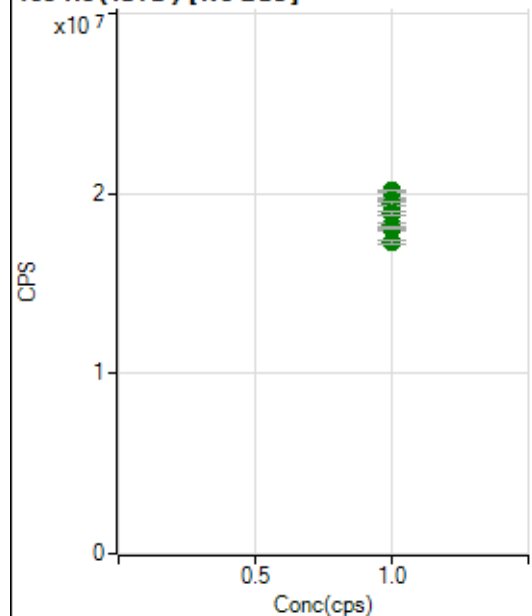
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2006428.25		P	0.2
2	☐	1.000		2019459.84		P	0.5
3	☐	1.000		1919960.23		P	0.7
4	☐	1.000		1826868.40		P	0.2
5	☐	1.000		1751053.67		P	0.3
6	☐	1.000		1696168.30		P	0.9
7	☐	1.000		1627480.27		P	0.4
8	☐	1.000		1589614.98		P	0.6

159 Tb (ISTD) [No Gas]

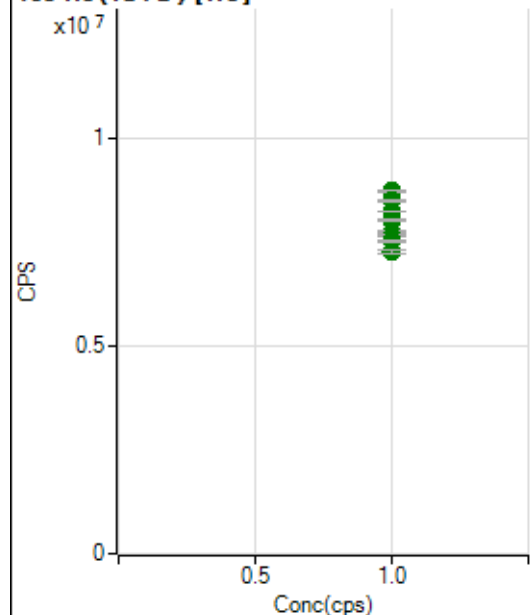
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		20206073.73		A	0.3
2	☐	1.000		19903931.09		A	1.0
3	☐	1.000		19594663.04		A	1.4
4	☐	1.000		18911128.19		A	1.0
5	☐	1.000		18372561.95		A	0.4
6	☐	1.000		18049733.76		A	1.6
7	☐	1.000		18002810.84		A	0.1
8	☐	1.000		17201282.38		A	0.4

159 Tb (ISTD) [He]

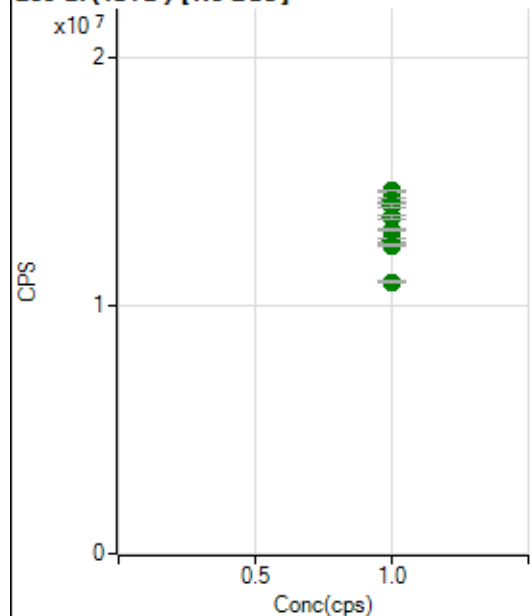
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8383699.18		A	0.3
2	☐	1.000		8231529.74		A	0.2
3	☐	1.000		7957974.19		A	0.4
4	☐	1.000		7657103.29		A	0.6
5	☐	1.000		7430142.59		A	0.2
6	☐	1.000		7338451.97		A	0.1
7	☐	1.000		7233769.13		A	0.3
8	☐	1.000		7003639.83		A	0.6

165 Ho (ISTD) [No Gas]

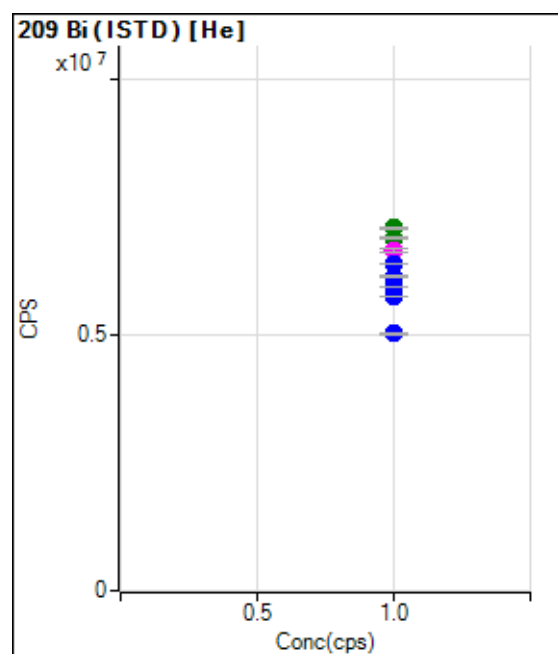
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		20140652.88		A	0.5
2	☐	1.000		19687569.54		A	0.4
3	☐	1.000		19416621.61		A	1.0
4	☐	1.000		18904520.74		A	1.1
5	☐	1.000		18272038.43		A	0.8
6	☐	1.000		18036546.93		A	0.6
7	☐	1.000		18055224.02		A	0.5
8	☐	1.000		17294298.13		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8720736.74		A	0.4
2	☐	1.000		8493697.44		A	0.5
3	☐	1.000		8232050.15		A	0.4
4	☐	1.000		7997812.94		A	0.6
5	☐	1.000		7739492.59		A	0.1
6	☐	1.000		7639152.18		A	0.3
7	☐	1.000		7515242.94		A	0.2
8	☐	1.000		7253940.79		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14615129.09		A	0.7
2	☐	1.000		14262286.04		A	0.7
3	☐	1.000		14033627.43		A	0.7
4	☐	1.000		13555522.30		A	0.9
5	☐	1.000		13044370.50		A	0.6
6	☐	1.000		12627141.89		A	1.2
7	☐	1.000		12408462.73		A	0.6
8	☐	1.000		10944929.14		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7091546.42		A	0.6
2	☐	1.000		6896795.87		A	0.1
3	☐	1.000		6654377.61		M	1.0
4	☐	1.000		6380615.39		P	0.1
5	☐	1.000		6133431.92		P	0.6
6	☐	1.000		5941965.88		P	0.1
7	☐	1.000		5742556.17		P	0.3
8	☐	1.000		5018000.97		P	0.4

US EPA Tune Check Sample Report

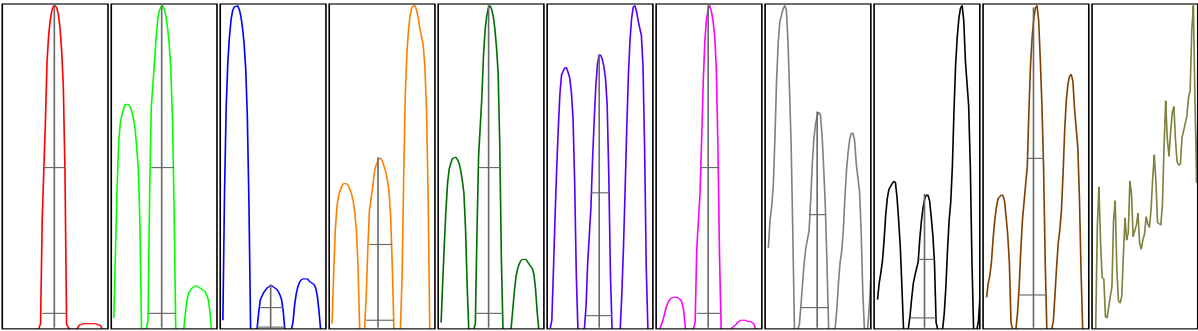
Batch Folder D:\ICP-MS Data\P7092719-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10871	0.71	5.00	
24	128120	0.58	5.00	
25	17219	0.50	5.00	
26	20298	0.44	5.00	
59	98010	0.56	5.00	
113	16086	0.60	5.00	
115	188215	0.59	5.00	
206	60058	0.58	5.00	
207	55978	0.66	5.00	
208	131834	0.45	5.00	
220	117	2.62		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10895	10876	10947	10896	10740
24	128094	128762	128799	127962	126983
25	17252	17343	17220	17132	17146
26	20385	20357	20269	20319	20161
59	98148	98298	98242	98327	97034
113	16137	16137	16175	16051	15932
115	189477	188149	188748	188232	186471
206	60014	60069	60490	60184	59536
207	55942	55856	56381	56267	55445
208	131498	131877	132386	132399	131008
220	115	122	116	116	120

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	18262	9.00	8.9 - 9.1		0.741	0.900	
24	202652	23.95	23.9 - 24.1		0.790	0.900	
25	27092	24.95	24.9 - 25.1		0.792	0.900	
26	31816	25.90	25.9 - 26.1		0.830	0.900	
59	166837	58.95	58.9 - 59.1		0.783	0.900	
113	30730	113.00	112.9 - 113.1		0.759	0.900	
115	360978	115.00	114.9 - 115.1		0.732	0.900	
206	118259	206.00	205.9 - 206.1		0.787	0.900	
207	107077	206.95	206.9 - 207.1		0.753	0.900	
208	256501	207.95	207.9 - 208.1		0.790	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.4	V	Deflect	12.4	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	150	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	24748	0.61	
89	30913	0.36	
205	46715	0.59	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	24725	24549	24759	24733	24974
89	30754	30888	30968	30895	31059
205	46467	46539	47171	46659	46739

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.5	V	Deflect	1.4	V
Extract 2	-120.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:39:55 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.00	-0.17	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.27	0.07	-0.34	0.00	N/A	ppb
Boron	11-1	0.16	0.00	-0.16	0.00	N/A	ppb
Cadmium	111-1	-0.07	-0.02	0.09	0.00	N/A	ppb
Cadmium	106-1	-0.88	-0.20	1.09	0.00	N/A	ppb
Cadmium	108-1	0.00	0.02	-0.02	0.00	N/A	ppb
Calcium	43-1	1.94	-1.24	-0.70	0.00	N/A	ppb
Calcium	44-1	0.24	-0.58	0.34	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.06	-0.02	0.00	N/A	ppb
Iron	57-2	-0.32	0.47	-0.15	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.26	0.17	0.09	0.00	N/A	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:39:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	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	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-21.65	-17.89	-29.08	-22.87		ppb
Potassium	39-2	0.44	1.51	-1.95	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.27	-0.13	-0.13	0.00	N/A	ppb
Selenium	78-2	-0.13	0.07	0.06	0.00	N/A	ppb
Selenium	82-1	0.26	0.15	-0.41	0.00	N/A	ppb
Silicon	28-1	-0.05	0.06	-0.01	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	0.71	-0.26	-0.45	0.00	N/A	ppb
Strontium	86-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-56.98	-90.79	-144.13	-97.30		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:39:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:43:31 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.39	19.86	19.27	19.84	2.83	ppb
Antimony	121-1	1.92	1.92	2.02	1.95	2.74	ppb
Arsenic	75-2	1.08	0.93	1.17	1.06	11.80	ppb
Barium	135-1	10.48	10.15	10.08	10.24	2.05	ppb
Barium	137-1	10.19	10.84	10.01	10.35	4.22	ppb
Beryllium	9-1	1.07	1.01	1.03	1.04	3.16	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	23.19	24.59	23.89	23.89	2.93	ppb
Boron	11-1	22.37	23.38	23.71	23.15	3.00	ppb
Cadmium	111-1	1.11	0.98	1.01	1.03	6.80	ppb
Cadmium	106-1	2.42	1.35	1.66	1.81	30.24	ppb
Cadmium	108-1	0.69	1.29	0.99	0.99	30.12	ppb
Calcium	43-1	479.53	477.28	487.03	481.28	1.06	ppb
Calcium	44-1	494.75	492.92	493.63	493.76	0.19	ppb
Chromium	52-2	1.93	1.97	1.99	1.96	1.56	ppb
Cobalt	59-2	1.02	1.03	1.03	1.03	0.50	ppb
Copper	63-2	1.87	1.94	1.96	1.93	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	55.88	54.47	54.77	55.04	1.35	ppb
Iron	57-2	56.12	53.14	55.95	55.07	3.04	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.96	0.94	0.96	1.74	ppb
Lead	207-1	0.96	0.93	0.91	0.93	2.49	ppb
Lead	208-1	0.95	0.95	0.92	0.94	1.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	534.12	537.37	535.66	535.71	0.30	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:43:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.01	0.99	1.02	4.37	ppb
Molybdenum	94-1	4.73	4.80	4.50	4.68	3.40	ppb
Molybdenum	95-1	4.90	4.73	4.82	4.82	1.77	ppb
Molybdenum	96-1	4.83	4.59	4.73	4.72	2.54	ppb
Molybdenum	97-1	4.86	4.69	4.74	4.77	1.77	ppb
Molybdenum	98-1	4.77	4.82	4.71	4.77	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.06	1.14	1.11	4.03	ppb
Phosphorus	31-2	15.55	22.68	30.39	22.87	32.46	ppb
Potassium	39-2	516.14	508.40	510.06	511.53	0.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	4.28	7.85	9.61	7.25	37.48	ppb
Selenium	78-2	5.28	5.38	6.14	5.60	8.42	ppb
Selenium	82-1	5.54	4.36	5.80	5.23	14.67	ppb
Silicon	28-1	9.16	8.89	9.39	9.15	2.77	ppb
Silver	109-1	0.77	0.80	0.80	0.79	2.61	ppb
Silver	107-1	0.81	0.79	0.75	0.78	3.83	ppb
Sodium	23-2	511.89	509.14	502.25	507.76	0.98	ppb
Strontium	86-1	1.12	0.99	0.97	1.03	7.64	ppb
Strontium	88-1	0.98	0.98	0.98	0.98	0.46	ppb
Sulfur	34-1	169.32	69.22	53.36	97.30	64.62	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.93	0.95	0.93	0.94	1.26	ppb
Thallium	205-1	0.96	0.95	0.93	0.95	1.24	ppb
Thorium	232-1	0.79	0.79	0.77	0.79	1.29	ppb
Tin	118-1	5.16	5.21	5.09	5.15	1.20	ppb
Titanium	47-1	5.04	5.13	5.11	5.09	0.93	ppb
Uranium	238-1	0.87	0.88	0.87	0.87	0.73	ppb
Vanadium	51-2	5.14	5.23	5.09	5.15	1.30	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:43:31	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.22	1.98	2.15	2.12	5.69	ppb
Zirconium	90-1	0.89	0.87	0.88	0.88	0.95	ppb
Zirconium	91-1	0.84	0.84	0.87	0.85	2.23	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:48:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.75	1038.34	1034.76	1026.62	1.68	ppb
Antimony	121-1	52.96	52.18	50.55	51.90	2.37	ppb
Arsenic	75-2	52.01	53.34	52.33	52.56	1.32	ppb
Barium	135-1	263.82	257.40	253.35	258.19	2.05	ppb
Barium	137-1	264.76	262.00	253.71	260.16	2.21	ppb
Beryllium	9-1	53.26	51.59	51.39	52.08	1.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	49.79	47.96	49.16	48.97	1.90	ppb
Boron	11-1	48.43	47.90	48.26	48.20	0.56	ppb
Cadmium	111-1	52.87	51.81	51.29	51.99	1.55	ppb
Cadmium	106-1	54.23	54.38	54.95	54.52	0.69	ppb
Cadmium	108-1	56.34	54.12	50.54	53.67	5.45	ppb
Calcium	43-1	5434.61	5345.07	5257.75	5345.81	1.65	ppb
Calcium	44-1	5380.60	5247.50	5189.87	5272.66	1.86	ppb
Chromium	52-2	51.07	51.08	51.91	51.35	0.94	ppb
Cobalt	59-2	52.11	52.40	52.91	52.47	0.77	ppb
Copper	63-2	98.91	98.44	99.15	98.83	0.36	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				96		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	2670.02	2691.35	2716.12	2692.50	0.86	ppb
Iron	57-2	2671.87	2704.57	2717.91	2698.12	0.88	ppb
Krypton	83-1						cps
Lead	206-1	49.64	48.95	48.26	48.95	1.41	ppb
Lead	207-1	49.45	49.26	48.39	49.03	1.15	ppb
Lead	208-1	49.72	49.17	48.52	49.14	1.22	ppb
Lithium	6-1				97		%
Magnesium	24-2	5326.24	5361.28	5391.99	5359.84	0.61	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:48:09 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.83	102.14	103.50	102.49	0.87	ppb
Molybdenum	94-1	258.74	254.05	250.41	254.40	1.64	ppb
Molybdenum	95-1	258.11	253.32	249.17	253.53	1.76	ppb
Molybdenum	96-1	255.68	251.71	247.32	251.57	1.66	ppb
Molybdenum	97-1	254.97	252.35	247.47	251.60	1.51	ppb
Molybdenum	98-1	254.22	251.28	248.21	251.24	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.82	54.01	54.27	54.03	0.41	ppb
Phosphorus	31-2	1043.70	1042.63	982.38	1022.90	3.43	ppb
Potassium	39-2	2551.43	2574.19	2607.04	2577.55	1.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	55.90	55.86	58.81	56.86	2.97	ppb
Selenium	78-2	55.17	55.83	57.12	56.04	1.77	ppb
Selenium	82-1	56.23	55.09	55.60	55.64	1.03	ppb
Silicon	28-1	57.67	58.11	57.85	57.88	0.38	ppb
Silver	109-1	54.05	52.91	51.54	52.83	2.38	ppb
Silver	107-1	53.69	52.33	51.71	52.57	1.93	ppb
Sodium	23-2	5175.64	5182.85	5284.29	5214.26	1.17	ppb
Strontium	86-1	51.74	50.92	49.86	50.84	1.86	ppb
Strontium	88-1	51.34	50.41	49.85	50.53	1.48	ppb
Sulfur	34-1	1146.14	1102.27	927.72	1058.71	10.91	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	50.12	49.25	48.04	49.14	2.12	ppb
Thallium	205-1	49.62	49.59	48.19	49.13	1.67	ppb
Thorium	232-1	47.54	47.07	46.07	46.90	1.60	ppb
Tin	118-1	53.57	52.26	51.20	52.34	2.27	ppb
Titanium	47-1	257.20	252.54	250.69	253.48	1.32	ppb
Uranium	238-1	47.72	46.92	45.92	46.85	1.93	ppb
Vanadium	51-2	50.43	50.22	51.54	50.73	1.39	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:48:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.50	104.56	107.88	105.31	2.17	ppb
Zirconium	90-1	51.06	50.70	49.59	50.45	1.51	ppb
Zirconium	91-1	51.45	51.19	49.96	50.87	1.57	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:52:18	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2572.14	2511.28	2596.21	2559.88	1.71	ppb
Antimony	121-1	127.65	129.78	130.98	129.47	1.30	ppb
Arsenic	75-2	129.97	130.44	129.19	129.87	0.49	ppb
Barium	135-1	640.22	643.25	648.21	643.89	0.63	ppb
Barium	137-1	649.61	646.46	652.22	649.43	0.44	ppb
Beryllium	9-1	130.19	131.32	131.55	131.02	0.55	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	121.17	127.83	126.19	125.06	2.77	ppb
Boron	11-1	120.10	125.24	126.93	124.09	2.87	ppb
Cadmium	111-1	128.37	126.97	128.72	128.02	0.72	ppb
Cadmium	106-1	128.89	128.19	127.83	128.30	0.42	ppb
Cadmium	108-1	127.64	129.72	131.90	129.75	1.64	ppb
Calcium	43-1	13273.17	13247.82	13343.91	13288.30	0.37	ppb
Calcium	44-1	13165.17	13270.04	13234.46	13223.22	0.40	ppb
Chromium	52-2	128.68	127.44	130.10	128.74	1.04	ppb
Cobalt	59-2	130.59	130.34	132.87	131.26	1.06	ppb
Copper	63-2	244.19	244.52	248.24	245.65	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				94		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	6721.40	6721.82	6865.94	6769.72	1.23	ppb
Iron	57-2	6780.74	6787.86	6885.29	6817.96	0.86	ppb
Krypton	83-1						cps
Lead	206-1	123.83	124.21	125.03	124.36	0.49	ppb
Lead	207-1	123.47	124.44	125.39	124.43	0.77	ppb
Lead	208-1	124.15	124.46	125.12	124.58	0.39	ppb
Lithium	6-1				91		%
Magnesium	24-2	13408.71	13364.15	13694.60	13489.16	1.33	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:52:18 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	256.07	254.67	259.92	256.89	1.06	ppb
Molybdenum	94-1	639.91	639.80	636.58	638.76	0.30	ppb
Molybdenum	95-1	633.65	638.70	638.58	636.98	0.45	ppb
Molybdenum	96-1	629.90	633.07	633.28	632.08	0.30	ppb
Molybdenum	97-1	628.83	630.77	630.98	630.19	0.19	ppb
Molybdenum	98-1	627.96	633.48	632.18	631.21	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.85	133.24	135.73	133.94	1.17	ppb
Phosphorus	31-2	2777.10	2449.95	2647.97	2625.01	6.28	ppb
Potassium	39-2	6423.42	6418.94	6541.05	6461.14	1.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	143.19	120.48	119.42	127.70	10.52	ppb
Selenium	78-2	130.87	137.85	134.40	134.37	2.60	ppb
Selenium	82-1	133.37	133.70	135.05	134.04	0.67	ppb
Silicon	28-1	129.57	131.60	134.10	131.76	1.72	ppb
Silver	109-1	128.99	128.86	130.11	129.32	0.53	ppb
Silver	107-1	128.40	129.64	129.94	129.33	0.63	ppb
Sodium	23-2	13083.98	13096.91	13395.83	13192.24	1.34	ppb
Strontium	86-1	127.23	127.83	127.90	127.65	0.29	ppb
Strontium	88-1	126.42	126.46	127.89	126.92	0.66	ppb
Sulfur	34-1	2565.93	2578.33	2697.24	2613.83	2.77	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	124.24	123.38	125.04	124.22	0.67	ppb
Thallium	205-1	124.90	124.40	126.58	125.30	0.91	ppb
Thorium	232-1	119.64	119.87	121.71	120.41	0.94	ppb
Tin	118-1	129.66	130.39	131.02	130.36	0.52	ppb
Titanium	47-1	632.11	637.26	640.11	636.49	0.64	ppb
Uranium	238-1	119.63	119.98	122.67	120.76	1.38	ppb
Vanadium	51-2	126.75	126.16	127.85	126.92	0.68	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:52:18	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	257.33	256.72	261.94	258.67	1.10	ppb
Zirconium	90-1	126.21	125.26	126.20	125.89	0.43	ppb
Zirconium	91-1	126.84	126.06	127.75	126.88	0.67	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5207.86	5064.17	5224.98	5165.67	1.71	ppb
Antimony	121-1	254.02	254.44	256.08	254.85	0.43	ppb
Arsenic	75-2	263.24	261.20	258.26	260.90	0.96	ppb
Barium	135-1	1257.22	1257.31	1269.74	1261.43	0.57	ppb
Barium	137-1	1272.66	1268.99	1281.29	1274.31	0.50	ppb
Beryllium	9-1	259.56	258.52	259.18	259.09	0.20	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	246.64	250.08	256.25	250.99	1.94	ppb
Boron	11-1	246.50	245.62	250.20	247.44	0.98	ppb
Cadmium	111-1	250.56	247.15	249.91	249.21	0.73	ppb
Cadmium	106-1	253.21	248.18	253.61	251.67	1.20	ppb
Cadmium	108-1	249.41	253.61	249.30	250.77	0.98	ppb
Calcium	43-1	26168.09	26402.37	26461.09	26343.85	0.59	ppb
Calcium	44-1	26159.73	26243.73	26472.12	26291.86	0.61	ppb
Chromium	52-2	259.30	252.65	254.29	255.41	1.36	ppb
Cobalt	59-2	261.54	258.01	257.28	258.94	0.88	ppb
Copper	63-2	487.09	480.40	478.22	481.91	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	13626.44	13352.15	13453.59	13477.40	1.03	ppb
Iron	57-2	13639.17	13460.71	13417.82	13505.90	0.87	ppb
Krypton	83-1						cps
Lead	206-1	247.99	247.78	247.97	247.91	0.05	ppb
Lead	207-1	247.28	248.04	248.18	247.83	0.20	ppb
Lead	208-1	249.51	248.46	248.85	248.94	0.21	ppb
Lithium	6-1				87		%
Magnesium	24-2	27284.16	26433.28	26941.87	26886.44	1.59	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	515.85	505.23	509.54	510.21	1.05	ppb
Molybdenum	94-1	1264.41	1266.64	1270.23	1267.09	0.23	ppb
Molybdenum	95-1	1268.76	1261.80	1269.76	1266.77	0.34	ppb
Molybdenum	96-1	1267.80	1262.55	1268.89	1266.41	0.27	ppb
Molybdenum	97-1	1260.70	1261.76	1269.89	1264.12	0.40	ppb
Molybdenum	98-1	1265.54	1267.77	1268.79	1267.36	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.34	260.15	260.73	261.41	0.65	ppb
Phosphorus	31-2	5049.03	4860.22	5231.61	5046.95	3.68	ppb
Potassium	39-2	12938.80	12922.38	12982.86	12948.01	0.24	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	77-2	274.84	276.41	270.04	273.76	1.21	ppb
Selenium	78-2	271.43	268.84	273.14	271.14	0.80	ppb
Selenium	82-1	265.97	263.31	264.63	264.64	0.50	ppb
Silicon	28-1	258.10	262.70	266.53	262.44	1.61	ppb
Silver	109-1	250.45	251.01	251.51	250.99	0.21	ppb
Silver	107-1	251.21	249.29	249.69	250.06	0.41	ppb
Sodium	23-2	26744.30	25949.59	26557.26	26417.05	1.57	ppb
Strontium	86-1	254.49	254.58	254.00	254.35	0.12	ppb
Strontium	88-1	251.76	253.95	252.55	252.75	0.44	ppb
Sulfur	34-1	5097.99	5128.75	5345.29	5190.68	2.60	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	250.61	247.68	252.60	250.30	0.99	ppb
Thallium	205-1	249.37	248.39	252.23	250.00	0.80	ppb
Thorium	232-1	244.19	242.74	244.29	243.74	0.36	ppb
Tin	118-1	256.96	255.97	257.60	256.84	0.32	ppb
Titanium	47-1	1263.02	1267.81	1269.39	1266.74	0.26	ppb
Uranium	238-1	243.69	244.15	244.56	244.13	0.18	ppb
Vanadium	51-2	254.60	251.40	251.35	252.45	0.74	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	509.22	503.26	504.59	505.69	0.62	ppb
Zirconium	90-1	250.36	251.33	252.80	251.49	0.49	ppb
Zirconium	91-1	251.40	252.79	253.65	252.62	0.45	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10249.19	10244.36	10109.92	10201.16	0.77	ppb
Antimony	121-1	498.56	501.37	517.43	505.79	2.01	ppb
Arsenic	75-2	507.18	509.06	510.61	508.95	0.34	ppb
Barium	135-1	2494.04	2524.53	2600.29	2539.62	2.15	ppb
Barium	137-1	2503.88	2506.89	2583.69	2531.49	1.79	ppb
Beryllium	9-1	504.84	507.49	518.12	510.15	1.38	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Boron	10-1	492.20	501.95	516.82	503.66	2.46	ppb
Boron	11-1	491.15	503.13	510.84	501.71	1.98	ppb
Cadmium	111-1	475.49	482.93	499.24	485.89	2.50	ppb
Cadmium	106-1	480.63	481.60	502.26	488.16	2.50	ppb
Cadmium	108-1	483.76	482.94	501.57	489.42	2.15	ppb
Calcium	43-1	51704.66	52639.50	53505.51	52616.56	1.71	ppb
Calcium	44-1	51696.13	52398.31	53298.10	52464.18	1.53	ppb
Chromium	52-2	502.18	505.31	502.52	503.34	0.34	ppb
Cobalt	59-2	505.82	510.18	513.53	509.84	0.76	ppb
Copper	63-2	929.91	943.98	938.12	937.33	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	26512.67	26808.99	26372.99	26564.88	0.84	ppb
Iron	57-2	26337.84	26753.03	26643.16	26578.01	0.81	ppb
Krypton	83-1						cps
Lead	206-1	490.93	495.79	508.71	498.48	1.84	ppb
Lead	207-1	489.14	499.02	504.28	497.48	1.55	ppb
Lead	208-1	492.81	499.70	508.41	500.31	1.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	53645.38	53424.07	53089.25	53386.24	0.52	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.02	1016.58	1008.54	1010.38	0.55	ppb
Molybdenum	94-1	2515.05	2501.81	2562.69	2526.52	1.27	ppb
Molybdenum	95-1	2510.63	2499.14	2579.83	2529.87	1.73	ppb
Molybdenum	96-1	2502.00	2502.74	2576.62	2527.12	1.70	ppb
Molybdenum	97-1	2520.46	2510.76	2579.43	2536.89	1.46	ppb
Molybdenum	98-1	2526.72	2510.96	2569.60	2535.76	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.04	514.93	512.51	511.83	0.68	ppb
Phosphorus	31-2	9963.96	10211.29	9823.17	9999.48	1.96	ppb
Potassium	39-2	25603.39	25822.66	25724.30	25716.78	0.43	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				85		%
Selenium	77-2	517.50	544.64	548.49	536.88	3.15	ppb
Selenium	78-2	521.19	517.39	523.30	520.63	0.58	ppb
Selenium	82-1	511.07	510.28	524.51	515.29	1.55	ppb
Silicon	28-1	501.70	510.92	526.43	513.02	2.44	ppb
Silver	109-1	484.00	487.93	501.46	491.13	1.87	ppb
Silver	107-1	485.74	486.89	502.53	491.72	1.91	ppb
Sodium	23-2	52456.09	52675.75	51958.22	52363.35	0.70	ppb
Strontium	86-1	504.50	502.11	511.67	506.09	0.98	ppb
Strontium	88-1	500.77	498.40	512.13	503.77	1.46	ppb
Sulfur	34-1	9972.54	10193.97	10470.94	10212.48	2.45	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	496.84	501.40	512.30	503.51	1.58	ppb
Thallium	205-1	500.02	499.97	510.23	503.41	1.17	ppb
Thorium	232-1	492.19	494.78	502.65	496.54	1.10	ppb
Tin	118-1	496.68	498.64	514.59	503.30	1.95	ppb
Titanium	47-1	2481.21	2505.82	2556.20	2514.41	1.52	ppb
Uranium	238-1	491.34	501.19	501.96	498.16	1.19	ppb
Vanadium	51-2	502.85	502.71	499.74	501.77	0.35	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	970.27	985.32	979.10	978.23	0.77	ppb
Zirconium	90-1	500.30	501.01	513.95	505.09	1.52	ppb
Zirconium	91-1	504.00	504.01	512.49	506.84	0.97	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 13:03:44 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19912.33	20164.39	20349.01	20141.91	1.09	ppb
Antimony	121-1	995.76	997.00	992.97	995.24	0.21	ppb
Arsenic	75-2	990.32	989.89	995.98	992.06	0.34	ppb
Barium	135-1	4982.85	4985.26	4955.58	4974.56	0.33	ppb
Barium	137-1	4992.29	5003.63	4927.93	4974.62	0.82	ppb
Beryllium	9-1	986.59	986.63	1002.17	991.80	0.91	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	991.56	988.12	1014.30	998.00	1.43	ppb
Boron	11-1	982.46	1007.31	1010.34	1000.04	1.53	ppb
Cadmium	111-1	999.82	1013.48	1007.03	1006.78	0.68	ppb
Cadmium	106-1	1004.14	1002.73	1007.71	1004.86	0.26	ppb
Cadmium	108-1	1013.77	988.24	1010.94	1004.32	1.39	ppb
Calcium	43-1	103339.20	104265.35	104164.70	103923.08	0.49	ppb
Calcium	44-1	103040.63	103465.07	103968.65	103491.45	0.45	ppb
Chromium	52-2	995.96	994.98	998.39	996.44	0.18	ppb
Cobalt	59-2	979.55	995.52	1000.74	991.94	1.11	ppb
Copper	63-2	2018.81	2041.07	2049.49	2036.46	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				86		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	52246.25	52357.20	52703.31	52435.59	0.45	ppb
Iron	57-2	51914.52	52396.70	52668.78	52326.67	0.73	ppb
Krypton	83-1						cps
Lead	206-1	1004.06	1000.83	999.36	1001.42	0.24	ppb
Lead	207-1	1004.41	997.02	1004.32	1001.92	0.42	ppb
Lead	208-1	1002.18	998.85	999.60	1000.21	0.17	ppb
Lithium	6-1				82		%
Magnesium	24-2	104829.13	105314.34	105798.76	105314.08	0.46	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:03:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1975.71	1996.17	2001.95	1991.27	0.69	ppb
Molybdenum	94-1	4966.85	4991.00	4983.73	4980.53	0.25	ppb
Molybdenum	95-1	4960.00	4981.50	4996.10	4979.20	0.36	ppb
Molybdenum	96-1	4960.04	4978.12	5005.95	4981.37	0.46	ppb
Molybdenum	97-1	4965.11	4997.99	4968.80	4977.30	0.36	ppb
Molybdenum	98-1	4964.35	4996.27	4970.20	4976.94	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.61	994.16	996.97	989.91	1.00	ppb
Phosphorus	31-2	19909.11	20149.19	19856.96	19971.75	0.78	ppb
Potassium	39-2	50591.21	50686.87	50776.36	50684.81	0.18	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	77-2	978.95	1003.27	942.57	974.93	3.13	ppb
Selenium	78-2	981.85	986.29	980.64	982.93	0.30	ppb
Selenium	82-1	980.05	992.43	989.38	987.28	0.65	ppb
Silicon	28-1	977.42	992.16	997.88	989.15	1.07	ppb
Silver	109-1	1008.26	1001.18	1001.08	1003.51	0.41	ppb
Silver	107-1	1006.49	994.77	1009.11	1003.46	0.76	ppb
Sodium	23-2	104059.77	103892.20	104750.99	104234.32	0.44	ppb
Strontium	86-1	991.73	996.06	998.69	995.49	0.35	ppb
Strontium	88-1	996.32	999.43	995.74	997.16	0.20	ppb
Sulfur	34-1	19748.25	19911.62	19826.90	19828.93	0.41	ppb
Terbium	159-1				89		%
Terbium	159-2				86		%
Thallium	203-1	998.88	988.93	1007.12	998.31	0.91	ppb
Thallium	205-1	1001.03	991.60	1002.28	998.30	0.58	ppb
Thorium	232-1	1002.40	1002.33	1007.34	1004.03	0.29	ppb
Tin	118-1	997.39	990.39	999.77	995.85	0.49	ppb
Titanium	47-1	4958.26	4993.93	5008.82	4987.00	0.52	ppb
Uranium	238-1	1003.57	1002.81	1002.83	1003.07	0.04	ppb
Vanadium	51-2	990.37	1000.92	1003.40	998.23	0.69	ppb
Yttrium	89-1				85		%
Yttrium	89-2				84		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:03:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1984.20	2012.89	2027.25	2008.11	1.09	ppb
Zirconium	90-1	991.09	1004.61	995.15	996.95	0.70	ppb
Zirconium	91-1	995.13	998.78	993.04	995.65	0.29	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99886.38	100158.90	99779.09	99941.46	0.20	ppb
Antimony	121-1	1.34	1.37	1.43	1.38	3.15	ppb
Arsenic	75-2	1.49	1.21	1.50	1.40	11.86	ppb
Barium	135-1	0.81	0.66	0.62	0.69	14.69	ppb
Barium	137-1	0.73	0.66	0.66	0.68	6.40	ppb
Beryllium	9-1	0.12	0.14	0.10	0.12	17.72	ppb
Bismuth	209-1				75		%
Bismuth	209-2				71		%
Boron	10-1	51.43	48.19	44.31	47.98	7.43	ppb
Boron	11-1	51.08	47.76	44.46	47.77	6.93	ppb
Cadmium	111-1	0.23	0.21	0.14	0.20	24.37	ppb
Cadmium	106-1	1.18	0.98	0.05	0.74	81.91	ppb
Cadmium	108-1	0.16	0.30	0.13	0.20	44.27	ppb
Calcium	43-1	499257.93	494155.24	503176.99	498863.39	0.91	ppb
Calcium	44-1	499472.73	496647.90	500789.07	498969.90	0.42	ppb
Chromium	52-2	31.71	30.58	30.85	31.05	1.91	ppb
Cobalt	59-2	11.55	11.68	11.64	11.62	0.60	ppb
Copper	63-2	3.12	3.03	3.08	3.08	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				83		%
Indium	115-1				78		%
Indium	115-2				79		%
Iron	56-2	250097.19	248930.65	248849.97	249292.61	0.28	ppb
Iron	57-2	250682.21	248944.83	248304.13	249310.39	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.82	0.85	3.60	ppb
Lead	207-1	0.90	0.88	0.92	0.90	2.38	ppb
Lead	208-1	0.90	0.87	0.86	0.88	1.97	ppb
Lithium	6-1				78		%
Magnesium	24-2	496073.42	500402.77	498951.44	498475.88	0.44	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.84	6.66	6.87	6.79	1.69	ppb
Molybdenum	94-1	3.96	3.92	3.61	3.83	4.96	ppb
Molybdenum	95-1	5.01	4.76	4.69	4.82	3.53	ppb
Molybdenum	96-1	4.88	4.69	4.73	4.77	2.12	ppb
Molybdenum	97-1	5.10	4.78	4.66	4.85	4.75	ppb
Molybdenum	98-1	4.81	4.73	4.75	4.76	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.54	29.07	28.87	28.83	0.94	ppb
Phosphorus	31-2	6.72	-20.46	-24.96	-12.90		ppb
Potassium	39-2	249740.25	248926.88	250621.52	249762.88	0.34	ppb
Rhodium	103-1				71		%
Rhodium	103-2				72		%
Scandium	45-1				80		%
Scandium	45-2				83		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	0.29	0.53	0.29	0.37	36.56	ppb
Selenium	82-1	0.91	0.43	0.22	0.52	67.98	ppb
Silicon	28-1	27.02	26.73	26.59	26.78	0.83	ppb
Silver	109-1	0.12	0.12	0.11	0.12	4.12	ppb
Silver	107-1	0.15	0.11	0.12	0.13	17.23	ppb
Sodium	23-2	498575.15	499816.40	498087.92	498826.49	0.18	ppb
Strontium	86-1	4.26	4.02	4.00	4.09	3.47	ppb
Strontium	88-1	4.17	4.17	4.10	4.14	1.01	ppb
Sulfur	34-1	430.96	438.21	459.14	442.77	3.30	ppb
Terbium	159-1				85		%
Terbium	159-2				84		%
Thallium	203-1	0.30	0.28	0.28	0.28	4.13	ppb
Thallium	205-1	0.31	0.27	0.24	0.27	11.46	ppb
Thorium	232-1	0.17	0.15	0.15	0.16	9.88	ppb
Tin	118-1	0.42	0.39	0.40	0.40	4.41	ppb
Titanium	47-1	1.35	1.34	1.10	1.26	11.10	ppb
Uranium	238-1	0.09	0.07	0.07	0.08	15.39	ppb
Vanadium	51-2	0.29	0.23	0.26	0.26	9.66	ppb
Yttrium	89-1				81		%
Yttrium	89-2				83		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.96	23.60	23.18	23.58	1.65	ppb
Zirconium	90-1	0.24	0.22	0.19	0.22	10.27	ppb
Zirconium	91-1	0.23	0.21	0.18	0.21	13.32	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:50:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.26	478.49	462.78	470.51	1.67	ppb
Antimony	121-1	195.78	198.77	198.02	197.52	0.79	ppb
Arsenic	75-2	202.56	202.13	202.23	202.31	0.11	ppb
Barium	135-1	99.40	99.43	98.91	99.25	0.30	ppb
Barium	137-1	99.84	100.90	100.49	100.41	0.53	ppb
Beryllium	9-1	96.44	96.62	97.03	96.70	0.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	491.33	493.54	512.37	499.08	2.32	ppb
Boron	11-1	482.25	498.83	508.68	496.58	2.69	ppb
Cadmium	111-1	104.00	104.22	103.97	104.07	0.13	ppb
Cadmium	106-1	188.36	186.87	188.04	187.76	0.42	ppb
Cadmium	108-1	171.25	172.93	171.79	171.99	0.50	ppb
Calcium	43-1	2144.51	2253.21	2178.41	2192.04	2.54	ppb
Calcium	44-1	2095.26	2113.71	2085.67	2098.21	0.68	ppb
Chromium	52-2	95.64	94.95	95.72	95.44	0.44	ppb
Cobalt	59-2	98.46	99.32	99.33	99.03	0.50	ppb
Copper	63-2	92.06	93.41	92.08	92.52	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	1009.20	1020.04	1014.35	1014.53	0.53	ppb
Iron	57-2	1040.84	1037.29	1021.12	1033.08	1.02	ppb
Krypton	83-1						cps
Lead	206-1	191.05	187.01	187.38	188.48	1.18	ppb
Lead	207-1	188.25	185.83	184.64	186.24	0.99	ppb
Lead	208-1	188.64	186.70	185.84	187.06	0.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	1227.52	1234.22	1211.25	1224.33	0.96	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:50:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.94	94.35	93.31	93.87	0.56	ppb
Molybdenum	94-1	2354.47	2330.29	2331.86	2338.87	0.58	ppb
Molybdenum	95-1	2347.10	2353.72	2342.45	2347.75	0.24	ppb
Molybdenum	96-1	2344.24	2348.52	2342.78	2345.18	0.13	ppb
Molybdenum	97-1	2360.50	2340.90	2352.62	2351.34	0.42	ppb
Molybdenum	98-1	2341.39	2331.74	2351.07	2341.40	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.74	102.40	101.51	101.55	0.82	ppb
Phosphorus	31-2	-26.86	-20.80	-16.87	-21.51		ppb
Potassium	39-2	1973.45	1982.05	1975.35	1976.95	0.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	233.26	211.22	224.95	223.14	4.99	ppb
Selenium	78-2	208.30	214.30	214.63	212.41	1.68	ppb
Selenium	82-1	209.94	209.84	211.38	210.39	0.41	ppb
Silicon	28-1	8.50	9.13	10.15	9.26	9.00	ppb
Silver	109-1	91.83	93.71	93.43	92.99	1.09	ppb
Silver	107-1	93.92	95.12	93.38	94.14	0.95	ppb
Sodium	23-2	1979.68	1995.40	1996.26	1990.45	0.47	ppb
Strontium	86-1	471.72	465.52	468.50	468.58	0.66	ppb
Strontium	88-1	463.18	462.82	466.23	464.07	0.40	ppb
Sulfur	34-1	16.53	16.37	-9.96	7.65	199.37	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	193.62	191.64	189.90	191.72	0.97	ppb
Thallium	205-1	193.82	192.32	190.85	192.33	0.77	ppb
Thorium	232-1	421.08	417.06	420.70	419.61	0.53	ppb
Tin	118-1	498.34	503.19	500.84	500.79	0.48	ppb
Titanium	47-1	2574.62	2580.21	2586.09	2580.30	0.22	ppb
Uranium	238-1	467.40	463.63	465.98	465.67	0.41	ppb
Vanadium	51-2	93.35	94.57	95.13	94.35	0.97	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:50:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	197.55	198.44	200.53	198.84	0.77	ppb
Zirconium	90-1	466.24	465.30	464.32	465.28	0.21	ppb
Zirconium	91-1	468.05	461.13	465.66	464.95	0.76	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.85	20.42	20.25	19.84	4.34	ppb
Antimony	121-1	1.98	2.06	2.13	2.06	3.58	ppb
Arsenic	75-2	0.97	1.01	0.98	0.99	2.35	ppb
Barium	135-1	10.14	10.52	10.20	10.29	1.97	ppb
Barium	137-1	10.23	10.26	10.47	10.32	1.29	ppb
Beryllium	9-1	1.03	1.06	1.03	1.04	1.45	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	26.89	27.95	28.18	27.68	2.49	ppb
Boron	11-1	27.65	27.95	28.65	28.08	1.82	ppb
Cadmium	111-1	1.03	1.02	1.04	1.03	1.25	ppb
Cadmium	106-1	1.12	0.81	1.30	1.07	23.11	ppb
Cadmium	108-1	1.11	1.00	1.01	1.04	5.99	ppb
Calcium	43-1	502.43	495.27	500.14	499.28	0.73	ppb
Calcium	44-1	503.27	497.01	497.54	499.27	0.70	ppb
Chromium	52-2	2.00	1.99	2.02	2.00	0.71	ppb
Cobalt	59-2	1.02	1.02	1.03	1.02	0.43	ppb
Copper	63-2	1.93	1.84	1.84	1.87	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	55.32	55.94	55.67	55.64	0.56	ppb
Iron	57-2	54.82	59.17	52.57	55.52	6.04	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.93	0.98	0.95	2.58	ppb
Lead	207-1	0.97	0.91	0.94	0.94	2.95	ppb
Lead	208-1	0.95	0.94	0.95	0.94	0.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	541.34	547.08	548.85	545.76	0.72	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.05	1.02	1.03	1.62	ppb
Molybdenum	94-1	4.84	4.81	4.61	4.75	2.59	ppb
Molybdenum	95-1	4.77	4.80	4.75	4.77	0.62	ppb
Molybdenum	96-1	4.94	4.67	4.84	4.82	2.90	ppb
Molybdenum	97-1	4.93	4.92	4.95	4.94	0.24	ppb
Molybdenum	98-1	4.76	4.81	4.91	4.83	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.04	1.13	1.09	3.79	ppb
Phosphorus	31-2	32.51	24.18	19.88	25.52	25.15	ppb
Potassium	39-2	507.74	518.85	515.37	513.99	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	3.42	8.07	6.10	5.86	39.74	ppb
Selenium	78-2	5.39	5.63	7.08	6.03	15.11	ppb
Selenium	82-1	6.25	5.78	5.84	5.95	4.26	ppb
Silicon	28-1	9.56	9.94	9.43	9.64	2.74	ppb
Silver	109-1	0.86	0.91	0.85	0.87	3.61	ppb
Silver	107-1	0.86	0.88	0.85	0.86	1.52	ppb
Sodium	23-2	514.78	528.04	518.74	520.52	1.31	ppb
Strontium	86-1	1.04	0.86	1.06	0.99	11.23	ppb
Strontium	88-1	0.98	0.99	0.99	0.99	0.70	ppb
Sulfur	34-1	333.15	411.25	386.85	377.08	10.60	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.97	0.97	0.92	0.95	2.75	ppb
Thallium	205-1	0.97	0.94	0.95	0.95	1.65	ppb
Thorium	232-1	0.87	0.84	0.87	0.86	1.67	ppb
Tin	118-1	5.26	5.34	5.21	5.27	1.21	ppb
Titanium	47-1	5.03	5.16	5.40	5.20	3.59	ppb
Uranium	238-1	0.85	0.87	0.89	0.87	1.81	ppb
Vanadium	51-2	5.16	5.23	5.17	5.18	0.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.00	2.02	2.09	2.04	2.35	ppb
Zirconium	90-1	0.93	0.93	0.96	0.94	2.19	ppb
Zirconium	91-1	0.91	0.89	0.90	0.90	1.14	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.17	-0.18	-0.18		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	20.19	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	402.15	ppb
Barium	135-1	0.00	0.00	0.01	0.00	118.62	ppb
Barium	137-1	0.00	0.00	0.00	0.00	379.43	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	105.08	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	4.83	4.46	4.56	4.62	4.08	ppb
Boron	11-1	4.75	4.42	4.39	4.52	4.46	ppb
Cadmium	111-1	0.06	0.12	0.04	0.07	52.44	ppb
Cadmium	106-1	0.79	1.52	0.61	0.97	49.61	ppb
Cadmium	108-1	0.01	0.00	0.12	0.04	152.83	ppb
Calcium	43-1	-0.76	-0.76	0.28	-0.41		ppb
Calcium	44-1	1.19	0.46	0.72	0.79	47.22	ppb
Chromium	52-2	0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.03	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	0.02	-0.04	0.01	0.00		ppb
Iron	57-2	-0.36	-0.52	0.15	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	0.01	0.01	0.01	0.01	39.53	ppb
Lead	208-1	0.00	0.00	0.00	0.00	589.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.17	-0.25	-0.26	-0.23		ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:08:04	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.04	0.06	0.06	0.06	23.43	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.04	15.14	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.05	15.57	ppb
Molybdenum	97-1	0.04	0.06	0.03	0.04	45.89	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	14.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.00	0.02	110.86	ppb
Phosphorus	31-2	-19.02	-15.17	-24.15	-19.44		ppb
Potassium	39-2	0.13	2.63	2.58	1.78	80.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	0.17	0.24	0.11	0.17	38.04	ppb
Selenium	82-1	0.56	0.07	-0.04	0.20	159.92	ppb
Silicon	28-1	0.82	0.72	0.77	0.77	6.67	ppb
Silver	109-1	0.01	0.00	0.00	0.00	162.69	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	1.96	3.30	4.01	3.09	33.72	ppb
Strontium	86-1	0.08	-0.01	0.04	0.04	124.33	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	18.18	ppb
Sulfur	34-1	449.34	409.32	576.79	478.48	18.28	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.01	87.98	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.28	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	24.09	ppb
Tin	118-1	0.00	0.01	0.02	0.01	81.53	ppb
Titanium	47-1	0.03	0.00	0.02	0.02	98.64	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	177.47	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	20.98	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:08:04	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.03	0.01	0.00	1204.11	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	69.57	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	69.41	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:11:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93123.94	92686.38	92579.37	92796.56	0.31	ppb
Antimony	121-1	1.12	1.13	1.19	1.15	3.21	ppb
Arsenic	75-2	0.31	0.39	0.41	0.37	14.30	ppb
Barium	135-1	1.37	1.62	1.55	1.51	8.57	ppb
Barium	137-1	1.57	1.59	1.62	1.59	1.35	ppb
Beryllium	9-1	0.33	0.28	0.32	0.31	9.24	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	4.12	3.36	4.26	3.92	12.31	ppb
Boron	11-1	4.52	4.27	4.19	4.32	3.98	ppb
Cadmium	111-1	0.83	0.84	0.81	0.83	2.12	ppb
Cadmium	106-1	-0.41	-0.82	0.16	-0.36		ppb
Cadmium	108-1	20.61	20.37	20.91	20.63	1.30	ppb
Calcium	43-1	102114.15	102480.11	102875.68	102489.98	0.37	ppb
Calcium	44-1	101262.14	101830.53	102772.88	101955.18	0.75	ppb
Chromium	52-2	21.34	21.50	21.34	21.39	0.44	ppb
Cobalt	59-2	1.19	1.21	1.21	1.20	0.81	ppb
Copper	63-2	6.96	7.03	7.09	7.03	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				93		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	103739.25	102889.84	103463.81	103364.30	0.42	ppb
Iron	57-2	103792.16	102401.49	103514.87	103236.18	0.71	ppb
Krypton	83-1						cps
Lead	206-1	4.86	4.90	4.88	4.88	0.43	ppb
Lead	207-1	4.42	4.38	4.39	4.40	0.45	ppb
Lead	208-1	4.56	4.61	4.58	4.58	0.53	ppb
Lithium	6-1				87		%
Magnesium	24-2	105318.17	104525.42	104448.21	104763.93	0.46	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:11:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.61	8.51	8.66	8.59	0.92	ppb
Molybdenum	94-1	1302.50	1304.68	1300.83	1302.67	0.15	ppb
Molybdenum	95-1	1847.21	1826.64	1827.07	1833.64	0.64	ppb
Molybdenum	96-1	1763.24	1764.02	1756.50	1761.25	0.23	ppb
Molybdenum	97-1	1822.89	1837.27	1823.92	1828.03	0.44	ppb
Molybdenum	98-1	1812.06	1825.06	1817.57	1818.23	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.56	6.75	6.47	6.59	2.20	ppb
Phosphorus	31-2	99417.18	98915.50	99001.02	99111.23	0.27	ppb
Potassium	39-2	102348.13	101550.53	102036.54	101978.40	0.39	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	-0.13	0.31	-0.13	0.01	1851.24	ppb
Selenium	78-2	0.52	0.07	0.07	0.22	116.43	ppb
Selenium	82-1	-0.50	-0.71	-0.54	-0.58		ppb
Silicon	28-1	24.33	24.41	23.98	24.24	0.93	ppb
Silver	109-1	0.02	0.03	0.04	0.03	21.43	ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.88	ppb
Sodium	23-2	104326.64	103987.09	103924.87	104079.53	0.21	ppb
Strontium	86-1	35.12	34.22	35.02	34.79	1.41	ppb
Strontium	88-1	34.21	33.97	34.30	34.16	0.50	ppb
Sulfur	34-1	75705.48	76363.89	77024.30	76364.55	0.86	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.09	0.12	0.13	0.11	18.62	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	12.07	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.95	ppb
Tin	118-1	0.18	0.17	0.19	0.18	5.65	ppb
Titanium	47-1	2057.92	2037.10	2035.92	2043.64	0.61	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.40	ppb
Vanadium	51-2	0.18	0.17	0.15	0.17	10.55	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:11:41	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.95	11.36	11.55	11.29	2.69	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	13.36	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	32.11	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92586.95	93702.08	92748.93	93012.65	0.65	ppb
Antimony	121-1	20.97	20.86	20.86	20.90	0.29	ppb
Arsenic	75-2	19.91	19.88	20.25	20.01	1.02	ppb
Barium	135-1	22.07	21.24	21.15	21.49	2.37	ppb
Barium	137-1	22.12	21.33	21.96	21.80	1.92	ppb
Beryllium	9-1	20.17	20.32	20.21	20.23	0.38	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	57.55	57.95	57.41	57.63	0.49	ppb
Boron	11-1	58.42	56.33	58.77	57.84	2.27	ppb
Cadmium	111-1	19.71	19.59	19.68	19.66	0.34	ppb
Cadmium	106-1	25.72	25.56	26.15	25.81	1.17	ppb
Cadmium	108-1	43.35	41.55	41.27	42.06	2.68	ppb
Calcium	43-1	101828.98	101737.33	101948.41	101838.24	0.10	ppb
Calcium	44-1	101361.43	100877.63	102278.92	101505.99	0.70	ppb
Chromium	52-2	41.21	41.01	40.37	40.86	1.07	ppb
Cobalt	59-2	21.02	21.07	21.25	21.11	0.58	ppb
Copper	63-2	25.24	25.14	25.44	25.27	0.59	ppb
Dysprosium	156-1						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				91		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	103360.70	103509.79	104100.19	103656.89	0.38	ppb
Iron	57-2	103540.51	104002.65	103542.68	103695.28	0.26	ppb
Krypton	83-1						cps
Lead	206-1	25.24	25.02	25.34	25.20	0.66	ppb
Lead	207-1	23.95	23.74	23.91	23.87	0.48	ppb
Lead	208-1	24.42	24.16	24.35	24.31	0.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	103995.24	104574.50	105946.60	104838.78	0.96	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.32	28.41	28.02	28.25	0.71	ppb
Molybdenum	94-1	1419.38	1398.13	1406.48	1408.00	0.76	ppb
Molybdenum	95-1	1888.18	1867.44	1862.78	1872.80	0.72	ppb
Molybdenum	96-1	1809.21	1782.12	1800.76	1797.36	0.77	ppb
Molybdenum	97-1	1880.56	1848.64	1860.81	1863.34	0.86	ppb
Molybdenum	98-1	1881.96	1859.81	1859.52	1867.10	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.08	26.34	26.29	26.24	0.54	ppb
Phosphorus	31-2	98152.95	99547.37	99094.69	98931.67	0.72	ppb
Potassium	39-2	102351.72	101892.23	102523.48	102255.81	0.32	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	20.45	21.04	24.86	22.12	10.82	ppb
Selenium	78-2	20.15	21.17	21.88	21.07	4.12	ppb
Selenium	82-1	19.90	19.25	18.62	19.26	3.31	ppb
Silicon	28-1	74.23	73.30	75.51	74.35	1.49	ppb
Silver	109-1	18.22	18.10	18.00	18.11	0.61	ppb
Silver	107-1	18.06	17.95	18.46	18.16	1.49	ppb
Sodium	23-2	102966.12	104309.40	104619.85	103965.12	0.85	ppb
Strontium	86-1	87.81	88.49	88.57	88.29	0.47	ppb
Strontium	88-1	87.92	87.51	87.40	87.61	0.31	ppb
Sulfur	34-1	76074.43	75383.01	76978.51	76145.32	1.05	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	20.70	20.01	20.42	20.38	1.68	ppb
Thallium	205-1	20.71	20.37	20.54	20.54	0.84	ppb
Thorium	232-1	0.65	0.59	0.57	0.60	7.03	ppb
Tin	118-1	52.27	52.29	52.83	52.46	0.61	ppb
Titanium	47-1	2086.93	2075.69	2089.34	2083.99	0.35	ppb
Uranium	238-1	52.84	52.32	53.05	52.74	0.71	ppb
Vanadium	51-2	19.69	19.78	20.14	19.87	1.20	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.15	31.01	31.45	31.20	0.72	ppb
Zirconium	90-1	54.31	53.52	53.82	53.88	0.74	ppb
Zirconium	91-1	55.04	53.55	54.36	54.32	1.37	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:18:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51892.34	51608.91	51705.20	51735.48	0.28	ppb
Antimony	121-1	496.27	490.29	495.99	494.19	0.68	ppb
Arsenic	75-2	510.52	513.62	507.71	510.62	0.58	ppb
Barium	135-1	2500.25	2493.64	2499.11	2497.67	0.14	ppb
Barium	137-1	2511.60	2499.69	2499.11	2503.47	0.28	ppb
Beryllium	9-1	496.25	497.73	497.33	497.10	0.15	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	484.47	495.44	489.21	489.71	1.12	ppb
Boron	11-1	486.25	494.84	495.86	492.32	1.07	ppb
Cadmium	111-1	503.39	498.07	505.29	502.25	0.74	ppb
Cadmium	106-1	500.97	503.82	505.22	503.34	0.43	ppb
Cadmium	108-1	516.21	506.53	515.64	512.79	1.06	ppb
Calcium	43-1	247030.66	246152.01	248755.98	247312.88	0.54	ppb
Calcium	44-1	246809.29	244770.51	248386.75	246655.52	0.74	ppb
Chromium	52-2	502.00	500.59	495.18	499.25	0.72	ppb
Cobalt	59-2	487.52	486.83	485.08	486.48	0.26	ppb
Copper	63-2	968.93	968.20	962.09	966.40	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				83		%
Indium	115-2				82		%
Iron	56-2	125914.59	125401.07	124185.81	125167.16	0.71	ppb
Iron	57-2	124777.85	125740.92	124787.02	125101.93	0.44	ppb
Krypton	83-1						cps
Lead	206-1	498.73	499.22	495.91	497.95	0.36	ppb
Lead	207-1	500.38	501.04	499.18	500.20	0.19	ppb
Lead	208-1	502.95	503.79	501.26	502.67	0.26	ppb
Lithium	6-1				83		%
Magnesium	24-2	252408.35	251925.06	252327.20	252220.20	0.10	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:18:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.40	977.83	971.12	973.12	0.42	ppb
Molybdenum	94-1	2486.96	2495.83	2497.35	2493.38	0.23	ppb
Molybdenum	95-1	2499.91	2511.36	2491.97	2501.08	0.39	ppb
Molybdenum	96-1	2496.72	2505.21	2501.95	2501.30	0.17	ppb
Molybdenum	97-1	2505.91	2508.83	2502.25	2505.66	0.13	ppb
Molybdenum	98-1	2501.47	2498.43	2506.70	2502.20	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.82	488.14	486.05	486.33	0.34	ppb
Phosphorus	31-2	9808.28	9901.81	9860.43	9856.84	0.48	ppb
Potassium	39-2	127083.06	126772.29	126678.76	126844.70	0.17	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	77-2	494.15	504.97	509.31	502.81	1.55	ppb
Selenium	78-2	497.05	498.28	492.27	495.87	0.64	ppb
Selenium	82-1	491.41	488.53	492.16	490.70	0.39	ppb
Silicon	28-1	541.14	558.84	568.12	556.03	2.46	ppb
Silver	109-1	502.88	497.27	503.32	501.15	0.67	ppb
Silver	107-1	501.29	502.10	502.52	501.97	0.12	ppb
Sodium	23-2	251448.91	252245.52	252386.08	252026.84	0.20	ppb
Strontium	86-1	500.69	501.52	502.54	501.58	0.18	ppb
Strontium	88-1	499.97	502.15	498.41	500.18	0.38	ppb
Sulfur	34-1	10323.07	10220.28	10395.18	10312.84	0.85	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	508.75	509.89	511.37	510.00	0.26	ppb
Thallium	205-1	510.66	511.49	508.63	510.26	0.29	ppb
Thorium	232-1	522.10	520.50	516.76	519.79	0.53	ppb
Tin	118-1	495.06	490.07	493.56	492.90	0.52	ppb
Titanium	47-1	2489.34	2474.86	2485.84	2483.35	0.30	ppb
Uranium	238-1	514.34	515.32	516.30	515.32	0.19	ppb
Vanadium	51-2	496.39	493.96	491.01	493.79	0.55	ppb
Yttrium	89-1				86		%
Yttrium	89-2				86		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:18:57	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	941.15	943.73	936.96	940.62	0.36	ppb
Zirconium	90-1	500.28	501.64	505.35	502.42	0.52	ppb
Zirconium	91-1	500.73	499.02	501.04	500.26	0.22	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.29	20.01	20.67	20.32	1.63	ppb
Antimony	121-1	2.06	2.10	2.09	2.08	1.11	ppb
Arsenic	75-2	1.03	1.16	1.07	1.09	6.39	ppb
Barium	135-1	10.54	10.51	10.70	10.58	0.97	ppb
Barium	137-1	10.27	10.45	10.51	10.41	1.19	ppb
Beryllium	9-1	1.06	1.03	0.99	1.03	3.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	25.64	28.04	26.87	26.85	4.46	ppb
Boron	11-1	26.40	26.01	27.20	26.54	2.29	ppb
Cadmium	111-1	1.10	1.12	1.08	1.10	2.18	ppb
Cadmium	106-1	1.87	2.17	1.16	1.74	29.87	ppb
Cadmium	108-1	1.16	1.04	0.91	1.04	12.09	ppb
Calcium	43-1	518.39	493.70	498.05	503.38	2.62	ppb
Calcium	44-1	501.82	496.39	495.86	498.02	0.66	ppb
Chromium	52-2	1.99	1.95	1.94	1.96	1.31	ppb
Cobalt	59-2	1.02	1.00	1.00	1.01	1.40	ppb
Copper	63-2	1.90	1.89	1.97	1.92	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	55.80	55.12	56.16	55.70	0.95	ppb
Iron	57-2	56.72	58.95	54.10	56.59	4.29	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.99	0.97	0.97	1.91	ppb
Lead	207-1	0.96	0.99	0.99	0.98	1.69	ppb
Lead	208-1	0.98	0.98	0.99	0.98	0.50	ppb
Lithium	6-1				103		%
Magnesium	24-2	547.44	541.85	542.65	543.98	0.55	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.08	1.02	1.05	2.78	ppb
Molybdenum	94-1	4.65	4.97	4.82	4.81	3.25	ppb
Molybdenum	95-1	4.89	5.05	4.85	4.93	2.21	ppb
Molybdenum	96-1	4.89	4.87	4.85	4.87	0.44	ppb
Molybdenum	97-1	4.83	4.80	4.81	4.82	0.33	ppb
Molybdenum	98-1	4.79	4.76	4.80	4.78	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	1.05	1.03	1.99	ppb
Phosphorus	31-2	42.12	28.43	37.52	36.03	19.34	ppb
Potassium	39-2	523.48	523.40	523.72	523.53	0.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	4.64	5.78	6.53	5.65	16.88	ppb
Selenium	78-2	5.49	4.47	6.55	5.51	18.88	ppb
Selenium	82-1	5.15	5.63	5.34	5.38	4.48	ppb
Silicon	28-1	9.50	9.50	9.31	9.44	1.16	ppb
Silver	109-1	0.96	0.92	0.90	0.92	3.22	ppb
Silver	107-1	1.01	0.96	0.93	0.97	4.59	ppb
Sodium	23-2	539.89	538.96	539.18	539.34	0.09	ppb
Strontium	86-1	1.12	1.07	1.09	1.09	2.27	ppb
Strontium	88-1	0.97	0.98	0.99	0.98	1.17	ppb
Sulfur	34-1	626.23	616.46	760.17	667.62	12.03	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.98	0.95	0.97	0.97	1.64	ppb
Thallium	205-1	0.93	0.98	0.98	0.96	2.94	ppb
Thorium	232-1	0.84	0.85	0.83	0.84	0.90	ppb
Tin	118-1	5.23	5.21	5.36	5.27	1.54	ppb
Titanium	47-1	4.68	5.35	5.27	5.10	7.22	ppb
Uranium	238-1	0.86	0.86	0.86	0.86	0.30	ppb
Vanadium	51-2	5.09	5.08	5.21	5.13	1.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.03	2.23	2.12	4.88	ppb
Zirconium	90-1	0.96	0.94	0.91	0.94	2.75	ppb
Zirconium	91-1	0.93	0.89	0.91	0.91	2.47	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P7
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:35:50 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.09	0.15	0.04	284.30	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	34.50	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.01	0.02	0.00	0.01	83.46	ppb
Barium	137-1	0.01	0.00	0.00	0.00	1067.68	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	128.93	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	3.63	3.74	3.42	3.59	4.53	ppb
Boron	11-1	4.14	3.66	3.16	3.65	13.43	ppb
Cadmium	111-1	0.12	0.13	0.08	0.11	24.02	ppb
Cadmium	106-1	1.56	1.70	0.90	1.39	30.97	ppb
Cadmium	108-1	0.09	-0.04	-0.01	0.01	465.07	ppb
Calcium	43-1	0.52	1.03	1.05	0.86	34.55	ppb
Calcium	44-1	0.66	0.90	1.11	0.89	25.45	ppb
Chromium	52-2	-0.01	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.03	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.15	0.19	0.25	0.19	26.12	ppb
Iron	57-2	-0.35	0.15	0.65	0.15	334.05	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.05	0.04	32.46	ppb
Lead	207-1	0.04	0.04	0.04	0.04	6.12	ppb
Lead	208-1	0.05	0.04	0.05	0.04	9.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.52	0.62	0.35	0.50	27.61	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:35:50	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.04	0.03	30.59	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	12.49	ppb
Molybdenum	96-1	0.04	0.03	0.05	0.04	23.33	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.04	30.67	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	35.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.01	0.01	173.06	ppb
Phosphorus	31-2	-22.33	-25.85	-18.81	-22.33		ppb
Potassium	39-2	16.56	15.45	14.43	15.48	6.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	-0.13	0.26	-0.13	0.00		ppb
Selenium	78-2	0.17	-0.46	0.23	-0.02		ppb
Selenium	82-1	-0.07	-0.25	0.27	-0.02		ppb
Silicon	28-1	0.33	0.50	0.88	0.57	49.38	ppb
Silver	109-1	0.01	0.00	0.00	0.01	49.58	ppb
Silver	107-1	0.00	0.01	0.01	0.01	70.53	ppb
Sodium	23-2	20.59	18.77	18.44	19.27	6.01	ppb
Strontium	86-1	0.06	-0.05	-0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	647.40	612.88	626.51	628.93	2.76	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.00	0.01	47.21	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	35.98	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	36.95	ppb
Tin	118-1	0.02	0.02	0.03	0.02	12.44	ppb
Titanium	47-1	-0.02	-0.02	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	238.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:35:50	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.04	-0.04	-0.03		ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	21.77	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.03	17.72	19.41	19.05	6.27	ppb
Antimony	121-1	2.03	1.95	1.99	1.99	1.86	ppb
Arsenic	75-2	0.96	0.98	1.02	0.99	3.06	ppb
Barium	135-1	10.61	10.40	10.37	10.46	1.27	ppb
Barium	137-1	10.37	9.95	10.24	10.19	2.11	ppb
Beryllium	9-1	0.99	1.00	0.96	0.98	2.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	25.07	23.93	24.41	24.47	2.35	ppb
Boron	11-1	25.11	23.64	25.70	24.82	4.28	ppb
Cadmium	111-1	1.17	1.12	1.09	1.12	3.47	ppb
Cadmium	106-1	2.39	2.28	1.77	2.15	15.35	ppb
Cadmium	108-1	1.08	1.03	0.95	1.02	6.64	ppb
Calcium	43-1	503.16	495.99	509.51	502.89	1.34	ppb
Calcium	44-1	498.61	494.61	495.72	496.31	0.42	ppb
Chromium	52-2	1.96	1.94	1.95	1.95	0.65	ppb
Cobalt	59-2	1.01	1.05	0.99	1.02	3.13	ppb
Copper	63-2	1.88	1.91	1.86	1.88	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	55.49	55.59	54.91	55.33	0.67	ppb
Iron	57-2	58.91	58.16	55.85	57.64	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.93	0.92	0.95	4.00	ppb
Lead	207-1	0.97	0.92	0.98	0.96	3.00	ppb
Lead	208-1	0.96	0.92	0.96	0.95	2.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	547.63	542.46	551.20	547.09	0.80	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.00	1.00	1.02	4.17	ppb
Molybdenum	94-1	4.59	4.52	4.74	4.62	2.52	ppb
Molybdenum	95-1	4.75	4.77	4.71	4.74	0.69	ppb
Molybdenum	96-1	4.69	4.61	4.65	4.65	0.92	ppb
Molybdenum	97-1	4.69	4.42	4.51	4.54	3.08	ppb
Molybdenum	98-1	4.75	4.64	4.75	4.71	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.08	1.10	1.13	5.91	ppb
Phosphorus	31-2	45.33	34.37	35.97	38.55	15.35	ppb
Potassium	39-2	515.79	525.37	523.09	521.42	0.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	7.77	4.60	6.14	6.17	25.70	ppb
Selenium	78-2	6.02	5.63	5.34	5.66	6.11	ppb
Selenium	82-1	5.78	5.50	6.18	5.82	5.90	ppb
Silicon	28-1	9.26	8.73	9.44	9.14	4.00	ppb
Silver	109-1	0.82	0.80	0.84	0.82	2.68	ppb
Silver	107-1	0.82	0.79	0.81	0.80	2.17	ppb
Sodium	23-2	534.08	527.63	523.63	528.45	1.00	ppb
Strontium	86-1	1.02	0.94	1.12	1.03	8.94	ppb
Strontium	88-1	0.97	0.94	0.94	0.95	1.41	ppb
Sulfur	34-1	770.13	618.10	856.74	748.32	16.14	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.95	0.93	0.96	0.95	1.69	ppb
Thallium	205-1	0.95	0.93	0.94	0.94	0.97	ppb
Thorium	232-1	0.80	0.81	0.83	0.81	1.50	ppb
Tin	118-1	5.33	5.10	5.29	5.24	2.28	ppb
Titanium	47-1	4.86	5.04	4.74	4.88	3.10	ppb
Uranium	238-1	0.86	0.83	0.86	0.85	2.21	ppb
Vanadium	51-2	5.12	5.15	5.24	5.17	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	2.10	2.17	2.15	2.31	ppb
Zirconium	90-1	0.89	0.91	0.93	0.91	1.86	ppb
Zirconium	91-1	0.90	0.94	0.94	0.92	2.27	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:47:33 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.92	5.04	4.81	4.92	2.35	ppb
Antimony	121-1	0.23	0.25	0.24	0.24	3.81	ppb
Arsenic	75-2	0.26	0.17	0.23	0.22	19.52	ppb
Barium	135-1	1.27	1.30	1.34	1.30	2.66	ppb
Barium	137-1	1.25	1.23	1.25	1.24	1.24	ppb
Beryllium	9-1	0.25	0.23	0.29	0.26	11.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	2.20	3.65	2.93	2.92	24.80	ppb
Boron	11-1	2.63	2.75	2.94	2.77	5.51	ppb
Cadmium	111-1	0.29	0.30	0.31	0.30	3.46	ppb
Cadmium	106-1	0.93	0.78	1.01	0.91	13.20	ppb
Cadmium	108-1	0.18	0.16	0.28	0.20	30.67	ppb
Calcium	43-1	27.37	25.45	23.57	25.46	7.47	ppb
Calcium	44-1	24.91	26.31	24.87	25.36	3.23	ppb
Chromium	52-2	0.22	0.25	0.23	0.23	6.82	ppb
Cobalt	59-2	0.25	0.28	0.25	0.26	6.57	ppb
Copper	63-2	0.46	0.42	0.45	0.44	4.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	12.91	12.91	12.71	12.84	0.90	ppb
Iron	57-2	12.90	12.60	13.90	13.13	5.16	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.24	0.25	0.23	5.48	ppb
Lead	207-1	0.24	0.24	0.22	0.24	4.63	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	26.65	25.44	25.46	25.85	2.68	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:47:33 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.48	0.55	0.51	0.51	7.50	ppb
Molybdenum	94-1	1.20	1.21	1.17	1.20	1.61	ppb
Molybdenum	95-1	1.23	1.17	1.20	1.20	2.28	ppb
Molybdenum	96-1	1.16	1.17	1.24	1.19	3.59	ppb
Molybdenum	97-1	1.18	1.15	1.20	1.18	2.20	ppb
Molybdenum	98-1	1.17	1.18	1.15	1.17	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.23	0.27	0.26	10.15	ppb
Phosphorus	31-2	-8.73	-17.23	-8.87	-11.61		ppb
Potassium	39-2	19.46	19.46	20.46	19.79	2.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	0.25	0.25	3.35	1.28	139.49	ppb
Selenium	78-2	2.98	2.09	2.93	2.67	18.61	ppb
Selenium	82-1	3.08	2.29	1.53	2.30	33.67	ppb
Silicon	28-1	0.78	0.76	0.56	0.70	17.38	ppb
Silver	109-1	0.28	0.25	0.27	0.27	5.76	ppb
Silver	107-1	0.27	0.27	0.25	0.27	4.69	ppb
Sodium	23-2	35.57	35.49	37.37	36.14	2.94	ppb
Strontium	86-1	0.28	0.34	0.22	0.28	21.91	ppb
Strontium	88-1	0.26	0.25	0.23	0.25	4.56	ppb
Sulfur	34-1	508.08	626.39	603.50	579.33	10.83	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.24	0.25	0.23	0.24	4.30	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	2.78	ppb
Thorium	232-1	0.21	0.20	0.20	0.20	2.15	ppb
Tin	118-1	0.26	0.25	0.25	0.25	1.86	ppb
Titanium	47-1	1.24	1.13	1.15	1.17	5.02	ppb
Uranium	238-1	0.22	0.22	0.21	0.22	2.41	ppb
Vanadium	51-2	0.23	0.22	0.27	0.24	9.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:47:33	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.51	0.58	0.48	0.53	10.14	ppb
Zirconium	90-1	0.23	0.21	0.20	0.21	6.45	ppb
Zirconium	91-1	0.22	0.23	0.20	0.21	6.76	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:51:10 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.07	15.31	15.64	15.67	2.42	ppb
Antimony	121-1	0.76	0.71	0.76	0.74	3.67	ppb
Arsenic	75-2	0.72	0.80	0.84	0.79	7.99	ppb
Barium	135-1	3.96	3.76	3.70	3.81	3.59	ppb
Barium	137-1	3.71	3.86	4.01	3.86	3.88	ppb
Beryllium	9-1	0.69	0.81	0.76	0.75	7.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.21	1.18	1.13	1.17	3.53	ppb
Boron	11-1	1.10	1.18	1.10	1.13	3.89	ppb
Cadmium	111-1	0.85	0.85	0.87	0.85	1.36	ppb
Cadmium	106-1	1.75	1.46	2.16	1.79	19.61	ppb
Cadmium	108-1	0.94	0.80	0.84	0.86	8.60	ppb
Calcium	43-1	74.33	82.88	74.78	77.33	6.22	ppb
Calcium	44-1	78.41	78.01	77.95	78.12	0.32	ppb
Chromium	52-2	0.75	0.73	0.72	0.73	1.56	ppb
Cobalt	59-2	0.77	0.81	0.78	0.79	2.25	ppb
Copper	63-2	1.40	1.40	1.46	1.42	2.32	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				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	39.12	39.86	39.07	39.35	1.13	ppb
Iron	57-2	40.16	38.60	37.29	38.69	3.72	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.71	0.69	0.70	1.28	ppb
Lead	207-1	0.75	0.71	0.71	0.72	3.26	ppb
Lead	208-1	0.72	0.71	0.71	0.71	0.70	ppb
Lithium	6-1				110		%
Magnesium	24-2	79.31	80.65	78.59	79.52	1.31	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:51:10 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.49	1.50	1.56	1.52	2.46	ppb
Molybdenum	94-1	3.58	3.63	3.63	3.62	0.81	ppb
Molybdenum	95-1	3.69	3.72	3.58	3.66	1.96	ppb
Molybdenum	96-1	3.55	3.55	3.60	3.56	0.80	ppb
Molybdenum	97-1	3.63	3.59	3.46	3.56	2.49	ppb
Molybdenum	98-1	3.69	3.63	3.43	3.59	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.81	0.87	0.81	6.37	ppb
Phosphorus	31-2	-7.61	-7.69	1.01	-4.76		ppb
Potassium	39-2	43.90	45.27	44.44	44.54	1.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	0.62	-0.13	0.62	0.37	118.31	ppb
Selenium	78-2	0.50	0.94	0.39	0.61	47.27	ppb
Selenium	82-1	0.87	1.50	0.91	1.09	32.40	ppb
Silicon	28-1	0.83	1.04	0.82	0.90	13.89	ppb
Silver	109-1	0.82	0.84	0.81	0.82	2.34	ppb
Silver	107-1	0.82	0.78	0.78	0.79	2.84	ppb
Sodium	23-2	85.69	84.67	84.44	84.93	0.79	ppb
Strontium	86-1	0.85	0.81	0.78	0.82	4.05	ppb
Strontium	88-1	0.73	0.72	0.72	0.73	0.97	ppb
Sulfur	34-1	480.98	383.47	439.97	434.80	11.26	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.70	0.71	0.72	0.71	0.98	ppb
Thallium	205-1	0.71	0.70	0.71	0.71	0.57	ppb
Thorium	232-1	0.60	0.59	0.59	0.59	1.46	ppb
Tin	118-1	0.73	0.76	0.80	0.76	4.71	ppb
Titanium	47-1	3.72	3.96	3.75	3.81	3.54	ppb
Uranium	238-1	0.65	0.65	0.62	0.64	2.59	ppb
Vanadium	51-2	0.70	0.74	0.74	0.73	3.18	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:51:10	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.78	1.77	1.68	1.74	3.09	ppb
Zirconium	90-1	0.69	0.64	0.65	0.66	4.08	ppb
Zirconium	91-1	0.67	0.68	0.65	0.67	2.24	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-09 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:54:46 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.49	5.67	5.87	5.68	3.32	ppb
Antimony	121-1	0.23	0.24	0.26	0.24	5.75	ppb
Arsenic	75-2	0.21	0.24	0.23	0.23	7.58	ppb
Barium	135-1	1.17	1.17	1.26	1.20	4.18	ppb
Barium	137-1	1.26	1.29	1.25	1.27	1.89	ppb
Beryllium	9-1	0.24	0.26	0.29	0.27	8.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	1.89	2.22	2.36	2.16	11.16	ppb
Boron	11-1	1.87	1.91	2.07	1.95	5.46	ppb
Cadmium	111-1	0.43	0.35	0.38	0.39	11.01	ppb
Cadmium	106-1	2.58	1.21	1.77	1.85	37.18	ppb
Cadmium	108-1	0.39	0.24	0.34	0.32	23.02	ppb
Calcium	43-1	25.09	25.46	24.71	25.09	1.50	ppb
Calcium	44-1	25.57	25.39	26.48	25.81	2.27	ppb
Chromium	52-2	0.23	0.23	0.27	0.24	8.90	ppb
Cobalt	59-2	0.25	0.24	0.29	0.26	11.01	ppb
Copper	63-2	0.36	0.44	0.51	0.44	17.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12.82	12.63	14.12	13.19	6.15	ppb
Iron	57-2	12.97	12.91	14.02	13.30	4.67	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.23	0.24	0.23	3.16	ppb
Lead	207-1	0.26	0.23	0.25	0.25	5.23	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	26.31	26.24	28.17	26.91	4.06	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:54:46	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.44	0.52	0.55	0.50	11.59	ppb
Molybdenum	94-1	1.18	1.15	1.12	1.15	2.23	ppb
Molybdenum	95-1	1.27	1.10	1.19	1.19	7.42	ppb
Molybdenum	96-1	1.14	1.21	1.20	1.18	3.04	ppb
Molybdenum	97-1	1.19	1.23	1.14	1.19	3.79	ppb
Molybdenum	98-1	1.17	1.22	1.13	1.18	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.23	0.27	0.26	9.37	ppb
Phosphorus	31-2	-15.94	-2.58	-27.11	-15.21		ppb
Potassium	39-2	19.71	19.69	25.04	21.48	14.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	5.56	3.32	1.52	3.47	58.45	ppb
Selenium	78-2	2.12	2.53	2.50	2.38	9.52	ppb
Selenium	82-1	1.70	1.24	2.43	1.79	33.40	ppb
Silicon	28-1	0.71	0.67	0.57	0.65	11.01	ppb
Silver	109-1	0.27	0.28	0.24	0.26	8.69	ppb
Silver	107-1	0.25	0.26	0.25	0.25	1.82	ppb
Sodium	23-2	31.15	33.68	38.60	34.48	10.98	ppb
Strontium	86-1	0.22	0.32	0.26	0.27	17.50	ppb
Strontium	88-1	0.24	0.24	0.23	0.24	1.18	ppb
Sulfur	34-1	504.50	604.54	557.02	555.35	9.01	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.24	0.22	0.23	5.26	ppb
Thallium	205-1	0.23	0.22	0.23	0.23	0.72	ppb
Thorium	232-1	0.21	0.20	0.21	0.20	3.08	ppb
Tin	118-1	0.27	0.26	0.27	0.27	2.38	ppb
Titanium	47-1	1.16	1.21	1.17	1.18	2.00	ppb
Uranium	238-1	0.21	0.20	0.21	0.21	1.34	ppb
Vanadium	51-2	0.23	0.26	0.30	0.26	13.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:54:46	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.50	0.43	0.57	0.50	13.56	ppb
Zirconium	90-1	0.23	0.22	0.22	0.22	2.60	ppb
Zirconium	91-1	0.26	0.20	0.21	0.23	14.06	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:58:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.75	14.91	13.53	14.06	5.28	ppb
Antimony	121-1	0.70	0.70	0.73	0.71	2.55	ppb
Arsenic	75-2	0.68	0.72	0.89	0.76	13.96	ppb
Barium	135-1	3.82	3.82	3.79	3.81	0.45	ppb
Barium	137-1	3.87	3.87	3.76	3.83	1.53	ppb
Beryllium	9-1	0.75	0.71	0.77	0.74	3.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.03	1.16	1.26	1.15	9.95	ppb
Boron	11-1	0.88	0.59	0.71	0.72	19.98	ppb
Cadmium	111-1	0.92	0.93	0.89	0.91	1.99	ppb
Cadmium	106-1	2.57	2.84	1.83	2.41	21.64	ppb
Cadmium	108-1	0.96	0.85	0.75	0.85	12.37	ppb
Calcium	43-1	69.73	80.71	76.27	75.57	7.31	ppb
Calcium	44-1	79.37	78.88	74.96	77.74	3.11	ppb
Chromium	52-2	0.72	0.71	0.74	0.72	2.61	ppb
Cobalt	59-2	0.79	0.77	0.76	0.77	1.49	ppb
Copper	63-2	1.38	1.43	1.38	1.40	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	39.00	38.84	38.35	38.73	0.87	ppb
Iron	57-2	39.24	37.99	37.09	38.11	2.83	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.66	0.70	0.68	3.19	ppb
Lead	207-1	0.68	0.66	0.71	0.68	3.69	ppb
Lead	208-1	0.69	0.69	0.71	0.70	1.97	ppb
Lithium	6-1				111		%
Magnesium	24-2	80.44	79.59	75.53	78.52	3.34	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:58:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.48	1.46	1.49	1.47	0.78	ppb
Molybdenum	94-1	3.57	3.51	3.31	3.46	3.84	ppb
Molybdenum	95-1	3.58	3.70	3.61	3.63	1.59	ppb
Molybdenum	96-1	3.61	3.53	3.60	3.58	1.23	ppb
Molybdenum	97-1	3.72	3.54	3.51	3.59	3.19	ppb
Molybdenum	98-1	3.57	3.64	3.69	3.63	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.76	0.74	0.77	5.35	ppb
Phosphorus	31-2	5.44	-2.80	-8.12	-1.83		ppb
Potassium	39-2	41.16	41.87	42.49	41.84	1.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	-0.13	0.98	0.24	0.36	156.48	ppb
Selenium	78-2	1.11	1.04	1.00	1.05	5.39	ppb
Selenium	82-1	0.16	0.58	0.81	0.51	63.48	ppb
Silicon	28-1	0.45	0.50	0.56	0.50	11.00	ppb
Silver	109-1	0.79	0.83	0.77	0.80	3.30	ppb
Silver	107-1	0.79	0.79	0.77	0.79	1.38	ppb
Sodium	23-2	83.20	80.93	80.75	81.63	1.67	ppb
Strontium	86-1	0.80	0.79	0.84	0.81	2.90	ppb
Strontium	88-1	0.70	0.75	0.71	0.72	3.15	ppb
Sulfur	34-1	536.55	533.03	521.73	530.44	1.46	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.68	0.70	0.67	0.68	2.05	ppb
Thallium	205-1	0.72	0.69	0.71	0.71	1.92	ppb
Thorium	232-1	0.61	0.58	0.57	0.59	3.23	ppb
Tin	118-1	0.80	0.80	0.75	0.78	3.61	ppb
Titanium	47-1	3.42	3.87	3.62	3.64	6.10	ppb
Uranium	238-1	0.64	0.62	0.62	0.63	1.81	ppb
Vanadium	51-2	0.69	0.72	0.72	0.71	2.71	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:58:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.75	1.99	1.84	1.86	6.56	ppb
Zirconium	90-1	0.67	0.67	0.68	0.67	1.14	ppb
Zirconium	91-1	0.64	0.67	0.63	0.65	3.14	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:01:58 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.86	4.98	5.05	5.63	18.91	ppb
Antimony	121-1	0.25	0.22	0.22	0.23	8.01	ppb
Arsenic	75-2	0.17	0.19	0.24	0.20	18.28	ppb
Barium	135-1	1.30	1.30	1.26	1.29	1.75	ppb
Barium	137-1	1.35	1.23	1.21	1.26	5.88	ppb
Beryllium	9-1	0.25	0.25	0.20	0.23	11.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1.69	1.65	1.52	1.62	5.39	ppb
Boron	11-1	1.84	1.72	1.71	1.76	3.88	ppb
Cadmium	111-1	0.36	0.32	0.28	0.32	11.37	ppb
Cadmium	106-1	1.87	0.91	1.01	1.26	41.68	ppb
Cadmium	108-1	0.26	0.31	0.17	0.25	28.74	ppb
Calcium	43-1	23.15	26.15	29.81	26.37	12.66	ppb
Calcium	44-1	24.57	26.27	24.94	25.26	3.54	ppb
Chromium	52-2	0.26	0.23	0.20	0.23	12.80	ppb
Cobalt	59-2	0.24	0.26	0.25	0.25	4.08	ppb
Copper	63-2	0.39	0.42	0.43	0.42	4.53	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				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	12.34	12.31	13.00	12.55	3.08	ppb
Iron	57-2	12.29	13.87	12.95	13.04	6.11	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.24	0.23	4.31	ppb
Lead	207-1	0.24	0.24	0.25	0.24	2.11	ppb
Lead	208-1	0.23	0.24	0.23	0.23	1.21	ppb
Lithium	6-1				110		%
Magnesium	24-2	26.81	25.77	24.49	25.69	4.54	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:01:58 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.51	0.46	0.55	0.51	8.21	ppb
Molybdenum	94-1	1.17	1.14	1.16	1.16	1.27	ppb
Molybdenum	95-1	1.16	1.19	1.14	1.16	2.28	ppb
Molybdenum	96-1	1.18	1.12	1.11	1.14	3.51	ppb
Molybdenum	97-1	1.20	1.10	1.16	1.15	4.52	ppb
Molybdenum	98-1	1.18	1.21	1.14	1.18	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.26	0.23	0.25	6.26	ppb
Phosphorus	31-2	-11.36	-14.73	-0.79	-8.96		ppb
Potassium	39-2	17.95	17.63	17.98	17.85	1.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	2.50	3.30	1.38	2.39	40.31	ppb
Selenium	78-2	2.84	2.51	2.61	2.65	6.38	ppb
Selenium	82-1	1.55	1.42	1.86	1.61	14.20	ppb
Silicon	28-1	0.73	0.77	0.68	0.73	6.17	ppb
Silver	109-1	0.27	0.25	0.25	0.25	4.44	ppb
Silver	107-1	0.26	0.28	0.24	0.26	7.26	ppb
Sodium	23-2	29.51	29.29	30.42	29.74	2.02	ppb
Strontium	86-1	0.33	0.32	0.30	0.32	4.70	ppb
Strontium	88-1	0.24	0.24	0.24	0.24	0.16	ppb
Sulfur	34-1	563.93	468.73	471.42	501.36	10.81	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.21	0.23	0.24	0.22	7.02	ppb
Thallium	205-1	0.23	0.22	0.23	0.23	1.01	ppb
Thorium	232-1	0.20	0.20	0.20	0.20	1.75	ppb
Tin	118-1	0.25	0.23	0.22	0.23	5.83	ppb
Titanium	47-1	1.15	1.31	1.29	1.25	7.14	ppb
Uranium	238-1	0.21	0.20	0.21	0.20	2.55	ppb
Vanadium	51-2	0.24	0.25	0.24	0.25	2.83	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:01:58	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.51	0.56	0.42	0.49	13.84	ppb
Zirconium	90-1	0.23	0.21	0.22	0.22	3.41	ppb
Zirconium	91-1	0.21	0.26	0.22	0.23	11.06	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:05:35 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.44	16.28	12.26	14.66	14.48	ppb
Antimony	121-1	0.77	0.71	0.75	0.75	4.32	ppb
Arsenic	75-2	0.77	0.76	0.79	0.77	2.00	ppb
Barium	135-1	3.78	3.76	3.86	3.80	1.39	ppb
Barium	137-1	3.76	3.96	4.00	3.91	3.37	ppb
Beryllium	9-1	0.72	0.74	0.80	0.75	5.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	0.25	0.35	0.67	0.43	51.12	ppb
Boron	11-1	0.28	0.19	0.55	0.34	55.57	ppb
Cadmium	111-1	0.95	0.96	0.83	0.91	8.12	ppb
Cadmium	106-1	2.63	2.62	1.27	2.17	36.08	ppb
Cadmium	108-1	0.62	0.70	0.70	0.67	7.17	ppb
Calcium	43-1	85.23	70.31	76.68	77.41	9.68	ppb
Calcium	44-1	77.65	77.38	77.19	77.40	0.30	ppb
Chromium	52-2	0.70	0.75	0.72	0.73	3.44	ppb
Cobalt	59-2	0.79	0.81	0.77	0.79	2.28	ppb
Copper	63-2	1.42	1.40	1.41	1.41	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	39.19	39.19	38.92	39.10	0.40	ppb
Iron	57-2	39.65	33.88	42.76	38.76	11.63	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.72	0.69	0.70	2.83	ppb
Lead	207-1	0.70	0.72	0.70	0.71	2.06	ppb
Lead	208-1	0.70	0.71	0.69	0.70	1.35	ppb
Lithium	6-1				112		%
Magnesium	24-2	77.71	77.13	81.06	78.63	2.70	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:05:35 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.49	1.48	1.53	1.50	1.77	ppb
Molybdenum	94-1	3.53	3.62	3.58	3.58	1.19	ppb
Molybdenum	95-1	3.58	3.70	3.66	3.65	1.77	ppb
Molybdenum	96-1	3.41	3.57	3.48	3.49	2.40	ppb
Molybdenum	97-1	3.51	3.52	3.50	3.51	0.23	ppb
Molybdenum	98-1	3.53	3.71	3.52	3.59	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.74	0.83	0.77	6.26	ppb
Phosphorus	31-2	-18.30	-13.22	-11.69	-14.40		ppb
Potassium	39-2	37.98	41.02	40.10	39.70	3.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	-0.13	0.23	-0.13	-0.01		ppb
Selenium	78-2	0.92	1.15	1.16	1.07	12.75	ppb
Selenium	82-1	0.05	1.44	0.53	0.67	105.25	ppb
Silicon	28-1	0.78	0.72	0.58	0.70	14.56	ppb
Silver	109-1	0.84	0.80	0.84	0.82	3.04	ppb
Silver	107-1	0.82	0.79	0.78	0.80	2.69	ppb
Sodium	23-2	80.52	81.32	78.91	80.25	1.53	ppb
Strontium	86-1	0.76	0.81	0.73	0.77	5.18	ppb
Strontium	88-1	0.74	0.73	0.73	0.73	1.15	ppb
Sulfur	34-1	321.96	363.47	360.18	348.54	6.62	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.70	0.65	0.72	0.69	4.95	ppb
Thallium	205-1	0.72	0.69	0.69	0.70	2.24	ppb
Thorium	232-1	0.60	0.59	0.58	0.59	2.02	ppb
Tin	118-1	0.78	0.76	0.76	0.77	1.83	ppb
Titanium	47-1	3.74	3.58	3.65	3.66	2.22	ppb
Uranium	238-1	0.64	0.63	0.65	0.64	1.36	ppb
Vanadium	51-2	0.73	0.75	0.71	0.73	2.84	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:05:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.74	1.89	1.78	1.81	4.33	ppb
Zirconium	90-1	0.66	0.65	0.64	0.65	1.29	ppb
Zirconium	91-1	0.71	0.65	0.64	0.67	5.59	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123505BL Instrumnet Name : P7
 Client Sample ID : PB123505BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:09:12 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.60	-0.10	0.19	198.43	ppb
Antimony	121-1	-0.01	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00		ppb
Barium	135-1	0.02	0.01	0.00	0.01	153.51	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	1785.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	-0.68	-0.47	-0.54	-0.56		ppb
Boron	11-1	-0.39	-0.39	-0.35	-0.38		ppb
Cadmium	111-1	0.08	0.04	0.03	0.05	45.37	ppb
Cadmium	106-1	0.97	0.56	0.54	0.69	35.23	ppb
Cadmium	108-1	0.03	-0.01	0.02	0.01	160.25	ppb
Calcium	43-1	1.32	1.13	-0.34	0.70	129.57	ppb
Calcium	44-1	0.29	0.55	-0.22	0.21	190.40	ppb
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.05	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	-0.06	-0.05	-0.07	-0.06		ppb
Iron	57-2	-0.14	-0.07	-0.71	-0.31		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				110		%
Magnesium	24-2	-0.39	-0.26	-0.40	-0.35		ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123505BL Instrumnet Name : P7
 Client Sample ID : PB123505BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:09:12 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.01	0.03	38.94	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.01	83.14	ppb
Phosphorus	31-2	-11.19	-12.99	-21.49	-15.23		ppb
Potassium	39-2	4.69	4.55	2.32	3.85	34.55	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	-0.11	0.14	0.32	0.12	179.98	ppb
Selenium	82-1	-1.05	0.00	0.63	-0.14		ppb
Silicon	28-1	0.55	0.44	0.56	0.51	12.78	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	2.94	2.70	4.50	3.38	28.89	ppb
Strontium	86-1	0.05	0.04	0.10	0.06	48.75	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	142.17	ppb
Sulfur	34-1	497.61	653.02	586.49	579.04	13.47	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	83.70	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	91.12	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.01	0.01	0.01	0.01	10.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	365.70	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BL	Instrumnet Name :	P7
Client Sample ID :	PB123505BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:09:12	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.01	-0.02	-0.04		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	74.04	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00	2067.11	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123505BS Instrumnet Name : P7
 Client Sample ID : PB123505BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:12:48 DataFile Name : 028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10172.60	10112.12	10066.41	10117.04	0.53	ppb
Antimony	121-1	509.31	511.55	514.47	511.78	0.51	ppb
Arsenic	75-2	509.86	515.99	511.11	512.32	0.63	ppb
Barium	135-1	2539.48	2541.41	2565.97	2548.96	0.58	ppb
Barium	137-1	2541.02	2544.58	2566.15	2550.58	0.53	ppb
Beryllium	9-1	506.31	506.12	506.08	506.17	0.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Boron	10-1	465.62	481.01	488.93	478.52	2.48	ppb
Boron	11-1	474.32	480.23	485.54	480.03	1.17	ppb
Cadmium	111-1	490.40	487.94	491.69	490.01	0.39	ppb
Cadmium	106-1	509.76	509.85	505.95	508.52	0.44	ppb
Cadmium	108-1	504.06	505.83	504.44	504.78	0.18	ppb
Calcium	43-1	51642.24	52258.00	51991.00	51963.74	0.59	ppb
Calcium	44-1	51799.51	51747.13	52345.03	51963.89	0.64	ppb
Chromium	52-2	495.77	496.76	497.90	496.81	0.21	ppb
Cobalt	59-2	499.34	497.36	502.74	499.81	0.54	ppb
Copper	63-2	917.71	920.49	921.28	919.83	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	26474.04	26230.31	26354.43	26352.93	0.46	ppb
Iron	57-2	26236.87	26005.16	26163.97	26135.34	0.45	ppb
Krypton	83-1						cps
Lead	206-1	500.76	480.73	504.46	495.32	2.58	ppb
Lead	207-1	488.79	483.51	491.35	487.88	0.82	ppb
Lead	208-1	497.92	488.87	498.21	495.00	1.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	53936.21	52990.91	52992.51	53306.54	1.02	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BS	Instrumnet Name :	P7
Client Sample ID :	PB123505BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:12:48	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.18	996.35	995.89	995.47	0.11	ppb
Molybdenum	94-1	2502.75	2491.94	2499.92	2498.20	0.22	ppb
Molybdenum	95-1	2491.76	2500.40	2491.45	2494.54	0.20	ppb
Molybdenum	96-1	2487.66	2478.47	2494.92	2487.02	0.33	ppb
Molybdenum	97-1	2482.53	2495.53	2514.01	2497.35	0.63	ppb
Molybdenum	98-1	2488.44	2492.37	2506.40	2495.74	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.12	502.12	504.37	502.54	0.33	ppb
Phosphorus	31-2	10169.44	10125.33	10278.76	10191.18	0.78	ppb
Potassium	39-2	26064.12	25721.43	25836.33	25873.96	0.67	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	519.09	523.83	570.01	537.65	5.23	ppb
Selenium	78-2	516.37	519.97	526.91	521.08	1.03	ppb
Selenium	82-1	512.09	509.48	509.91	510.49	0.27	ppb
Silicon	28-1	568.20	580.05	583.77	577.34	1.41	ppb
Silver	109-1	499.07	504.04	504.50	502.54	0.60	ppb
Silver	107-1	507.73	505.94	508.04	507.24	0.22	ppb
Sodium	23-2	52701.92	52122.18	52272.43	52365.51	0.57	ppb
Strontium	86-1	498.03	500.02	495.75	497.93	0.43	ppb
Strontium	88-1	502.01	497.66	495.62	498.43	0.65	ppb
Sulfur	34-1	10553.75	10396.66	10450.09	10466.83	0.76	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	499.75	496.05	505.77	500.52	0.98	ppb
Thallium	205-1	498.84	490.74	503.35	497.65	1.28	ppb
Thorium	232-1	479.43	480.33	484.22	481.33	0.53	ppb
Tin	118-1	506.19	508.52	509.16	507.96	0.31	ppb
Titanium	47-1	2492.71	2474.65	2478.19	2481.85	0.39	ppb
Uranium	238-1	473.96	476.82	483.08	477.95	0.98	ppb
Vanadium	51-2	497.36	495.20	497.36	496.64	0.25	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BS	Instrumnet Name :	P7
Client Sample ID :	PB123505BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:12:48	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	950.72	963.51	961.98	958.74	0.73	ppb
Zirconium	90-1	498.18	497.91	499.32	498.47	0.15	ppb
Zirconium	91-1	494.71	495.37	495.95	495.34	0.12	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BL Instrumnet Name : P7
 Client Sample ID : PB123507BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:21:37 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.26	0.00	0.08	180.19	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	6.71	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	580.93	ppb
Barium	135-1	0.03	0.03	0.03	0.03	1.01	ppb
Barium	137-1	0.02	0.02	0.01	0.02	52.08	ppb
Beryllium	9-1	0.01	0.03	0.01	0.01	81.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	6.71	5.73	6.75	6.40	9.07	ppb
Boron	11-1	6.87	6.54	6.15	6.52	5.55	ppb
Cadmium	111-1	-0.02	0.09	0.03	0.04	151.44	ppb
Cadmium	106-1	-0.36	0.91	0.36	0.30	207.78	ppb
Cadmium	108-1	0.01	0.01	0.05	0.02	122.47	ppb
Calcium	43-1	1.16	1.72	0.12	1.00	81.46	ppb
Calcium	44-1	1.26	0.97	0.85	1.03	20.55	ppb
Chromium	52-2	0.00	0.01	0.00	0.01	98.88	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	290.21	ppb
Copper	63-2	-0.01	-0.04	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.20	0.23	0.22	0.22	5.68	ppb
Iron	57-2	0.10	0.12	0.28	0.16	60.77	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00		ppb
Lead	207-1	0.01	-0.01	0.01	0.00	412.67	ppb
Lead	208-1	0.00	0.00	0.00	0.00	42.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.08	0.62	0.19	0.30	97.36	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BL Instrumnet Name : P7
 Client Sample ID : PB123507BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:21:37 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.00	0.00	0.01	91.11	ppb
Molybdenum	94-1	0.07	0.06	0.11	0.08	34.13	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	7.27	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	6.84	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	6.40	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	9.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.01	0.01	203.25	ppb
Phosphorus	31-2	-1.97	-19.82	-23.63	-15.14		ppb
Potassium	39-2	4.19	5.89	8.48	6.19	34.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	0.40	0.13	0.33	0.29	48.07	ppb
Selenium	82-1	0.31	0.17	0.13	0.20	46.27	ppb
Silicon	28-1	0.82	0.91	1.10	0.94	15.28	ppb
Silver	109-1	0.00	0.00	0.01	0.00	87.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	125.22	ppb
Sodium	23-2	9.24	10.55	8.82	9.54	9.47	ppb
Strontium	86-1	0.05	0.11	0.09	0.08	35.15	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	56.20	ppb
Sulfur	34-1	322.41	366.66	364.97	351.35	7.14	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.02	0.02	27.99	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	38.25	ppb
Thorium	232-1	0.02	0.02	0.03	0.03	14.41	ppb
Tin	118-1	0.02	0.02	0.04	0.03	34.03	ppb
Titanium	47-1	0.08	0.05	-0.01	0.04	114.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	291.26	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	41.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BL	Instrumnet Name :	P7
Client Sample ID :	PB123507BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:21:37	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	-0.09	-0.03	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.39	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	773.93	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:25:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52385.77	51519.85	52121.91	52009.18	0.85	ppb
Antimony	121-1	492.84	492.94	494.70	493.49	0.21	ppb
Arsenic	75-2	508.35	511.65	510.61	510.20	0.33	ppb
Barium	135-1	2501.16	2527.09	2480.78	2503.01	0.93	ppb
Barium	137-1	2496.99	2525.55	2516.52	2513.02	0.58	ppb
Beryllium	9-1	489.83	497.17	498.18	495.06	0.92	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	476.65	488.91	497.74	487.77	2.17	ppb
Boron	11-1	480.27	496.16	494.88	490.44	1.80	ppb
Cadmium	111-1	495.88	507.42	508.74	504.02	1.40	ppb
Cadmium	106-1	505.12	520.23	513.20	512.85	1.47	ppb
Cadmium	108-1	503.52	509.78	509.25	507.52	0.68	ppb
Calcium	43-1	248567.83	246835.86	247992.16	247798.62	0.36	ppb
Calcium	44-1	245990.34	245083.89	245865.08	245646.44	0.20	ppb
Chromium	52-2	496.58	495.57	496.31	496.16	0.11	ppb
Cobalt	59-2	483.72	481.08	484.10	482.97	0.34	ppb
Copper	63-2	960.29	955.79	955.02	957.03	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				87		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	126376.28	124753.46	124912.38	125347.37	0.71	ppb
Iron	57-2	126792.68	124217.19	125106.68	125372.18	1.04	ppb
Krypton	83-1						cps
Lead	206-1	498.26	494.74	500.87	497.96	0.62	ppb
Lead	207-1	498.59	497.28	504.15	500.01	0.73	ppb
Lead	208-1	502.71	500.63	505.83	503.06	0.52	ppb
Lithium	6-1				85		%
Magnesium	24-2	254053.25	250589.41	253114.97	252585.87	0.71	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:25:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.99	964.58	965.51	970.02	0.89	ppb
Molybdenum	94-1	2486.31	2501.58	2479.66	2489.18	0.45	ppb
Molybdenum	95-1	2491.50	2497.17	2498.65	2495.77	0.15	ppb
Molybdenum	96-1	2493.20	2487.40	2488.73	2489.78	0.12	ppb
Molybdenum	97-1	2504.29	2489.98	2485.02	2493.10	0.40	ppb
Molybdenum	98-1	2485.65	2474.61	2494.11	2484.79	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.18	483.16	479.03	479.79	0.64	ppb
Phosphorus	31-2	9986.12	9894.28	9794.80	9891.73	0.97	ppb
Potassium	39-2	127722.78	126079.13	125708.31	126503.40	0.85	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	504.93	538.03	522.79	521.92	3.17	ppb
Selenium	78-2	501.23	511.74	500.05	504.34	1.28	ppb
Selenium	82-1	489.04	486.72	484.98	486.91	0.42	ppb
Silicon	28-1	544.09	552.44	558.64	551.72	1.32	ppb
Silver	109-1	492.54	503.37	502.94	499.62	1.23	ppb
Silver	107-1	497.00	506.12	503.05	502.06	0.93	ppb
Sodium	23-2	254940.46	250786.56	251534.64	252420.55	0.88	ppb
Strontium	86-1	501.17	498.38	495.09	498.21	0.61	ppb
Strontium	88-1	497.66	499.44	496.85	497.98	0.27	ppb
Sulfur	34-1	10599.10	10257.38	10368.47	10408.31	1.67	ppb
Terbium	159-1				90		%
Terbium	159-2				87		%
Thallium	203-1	509.74	505.96	517.09	510.93	1.11	ppb
Thallium	205-1	513.29	510.50	513.08	512.29	0.30	ppb
Thorium	232-1	512.55	510.14	516.56	513.08	0.63	ppb
Tin	118-1	489.41	488.73	493.28	490.47	0.50	ppb
Titanium	47-1	2472.36	2473.16	2458.64	2468.05	0.33	ppb
Uranium	238-1	508.42	504.05	508.54	507.00	0.50	ppb
Vanadium	51-2	494.71	492.39	488.89	492.00	0.60	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:25:14	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	934.40	932.81	932.37	933.19	0.11	ppb
Zirconium	90-1	503.30	501.66	497.33	500.76	0.62	ppb
Zirconium	91-1	499.40	499.28	495.32	498.00	0.47	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:32:58 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	0.24	0.64	0.48	44.90	ppb
Antimony	121-1	0.15	0.13	0.15	0.14	5.00	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	62.43	ppb
Barium	135-1	0.03	0.03	0.02	0.03	19.76	ppb
Barium	137-1	0.02	0.02	0.02	0.02	14.33	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	23.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	8.34	8.47	8.69	8.50	2.11	ppb
Boron	11-1	8.09	8.57	8.48	8.38	3.02	ppb
Cadmium	111-1	0.03	0.06	0.14	0.08	75.65	ppb
Cadmium	106-1	0.40	0.56	1.56	0.84	75.13	ppb
Cadmium	108-1	0.05	0.03	-0.01	0.02	121.62	ppb
Calcium	43-1	3.88	2.84	4.19	3.64	19.39	ppb
Calcium	44-1	2.74	2.58	2.37	2.56	7.35	ppb
Chromium	52-2	-0.01	0.01	0.01	0.00	289.90	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	109.71	ppb
Copper	63-2	0.00	-0.02	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	1.42	1.51	1.43	1.45	3.23	ppb
Iron	57-2	1.80	0.82	0.73	1.12	53.12	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	57.67	ppb
Lead	207-1	0.02	-0.01	0.00	0.00	715.54	ppb
Lead	208-1	0.01	0.00	0.01	0.00	81.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.55	2.68	2.13	2.45	11.71	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:32:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	81.97	ppb
Molybdenum	94-1	0.08	0.12	0.17	0.12	36.50	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	5.14	ppb
Molybdenum	96-1	0.13	0.11	0.10	0.11	15.86	ppb
Molybdenum	97-1	0.12	0.10	0.11	0.11	9.73	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.02	0.00	1570.86	ppb
Phosphorus	31-2	-15.48	-25.87	-20.63	-20.66		ppb
Potassium	39-2	16.21	13.56	14.86	14.88	8.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	0.11	-0.08	0.11	0.04	253.05	ppb
Selenium	82-1	-0.51	0.02	0.10	-0.13		ppb
Silicon	28-1	0.88	0.91	0.93	0.90	2.74	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.04	ppb
Silver	107-1	0.01	0.01	0.00	0.01	10.13	ppb
Sodium	23-2	34.10	33.04	34.47	33.87	2.19	ppb
Strontium	86-1	0.10	0.06	0.07	0.08	25.79	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	11.56	ppb
Sulfur	34-1	350.37	349.96	518.56	406.30	23.93	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.04	0.04	9.49	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	10.10	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	18.88	ppb
Tin	118-1	0.04	0.02	0.03	0.03	26.22	ppb
Titanium	47-1	0.01	0.01	0.07	0.03	119.11	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	53.70	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	69.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:32:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.00	0.07	0.07	98.97	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	38.91	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	43.30	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BS	Instrumnet Name :	P7
Client Sample ID :	PB123507BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:36:35	DataFile Name :	032LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10048.55	10116.90	10180.64	10115.36	0.65	ppb
Antimony	121-1	512.27	503.78	509.33	508.46	0.85	ppb
Arsenic	75-2	509.08	513.71	510.83	511.20	0.46	ppb
Barium	135-1	2549.87	2503.31	2532.65	2528.61	0.93	ppb
Barium	137-1	2559.40	2508.19	2528.11	2531.90	1.02	ppb
Beryllium	9-1	504.84	505.81	504.68	505.11	0.12	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	477.65	480.11	494.54	484.10	1.88	ppb
Boron	11-1	480.93	483.89	494.42	486.41	1.46	ppb
Cadmium	111-1	489.05	482.00	480.08	483.71	0.98	ppb
Cadmium	106-1	505.79	497.45	494.12	499.12	1.20	ppb
Cadmium	108-1	500.05	495.50	496.36	497.30	0.49	ppb
Calcium	43-1	51606.98	51722.94	51391.43	51573.78	0.33	ppb
Calcium	44-1	51464.59	51704.44	51862.49	51677.17	0.39	ppb
Chromium	52-2	491.72	497.76	498.42	495.97	0.75	ppb
Cobalt	59-2	495.86	499.85	501.43	499.05	0.58	ppb
Copper	63-2	903.52	922.74	920.82	915.69	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	25991.45	26230.44	26333.38	26185.09	0.67	ppb
Iron	57-2	25916.76	26130.43	26158.27	26068.48	0.51	ppb
Krypton	83-1						cps
Lead	206-1	497.80	498.70	501.06	499.19	0.34	ppb
Lead	207-1	485.16	483.12	485.68	484.65	0.28	ppb
Lead	208-1	491.71	492.57	494.98	493.09	0.34	ppb
Lithium	6-1				92		%
Magnesium	24-2	52887.40	52920.26	53624.20	53143.96	0.78	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BS	Instrumnet Name :	P7
Client Sample ID :	PB123507BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:36:35	DataFile Name :	032LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.86	986.86	997.88	988.53	0.87	ppb
Molybdenum	94-1	2479.38	2488.29	2492.73	2486.80	0.27	ppb
Molybdenum	95-1	2492.01	2482.86	2492.09	2488.99	0.21	ppb
Molybdenum	96-1	2480.10	2472.62	2474.53	2475.75	0.16	ppb
Molybdenum	97-1	2482.62	2480.05	2482.53	2481.73	0.06	ppb
Molybdenum	98-1	2493.34	2459.82	2475.63	2476.27	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.70	501.24	502.66	500.87	0.40	ppb
Phosphorus	31-2	10169.77	10133.58	10197.94	10167.10	0.32	ppb
Potassium	39-2	25326.31	25813.91	26051.09	25730.44	1.44	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	498.11	506.52	526.14	510.25	2.82	ppb
Selenium	78-2	514.08	512.14	514.28	513.50	0.23	ppb
Selenium	82-1	508.58	512.80	510.79	510.73	0.41	ppb
Silicon	28-1	568.39	574.89	574.49	572.59	0.64	ppb
Silver	109-1	502.43	496.62	494.57	497.88	0.82	ppb
Silver	107-1	506.03	493.42	499.49	499.65	1.26	ppb
Sodium	23-2	51874.99	52226.54	52585.79	52229.11	0.68	ppb
Strontium	86-1	497.36	497.18	499.36	497.97	0.24	ppb
Strontium	88-1	493.88	497.42	498.73	496.68	0.50	ppb
Sulfur	34-1	10402.90	10346.40	10099.17	10282.82	1.57	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	498.18	500.82	496.17	498.39	0.47	ppb
Thallium	205-1	500.34	497.62	498.53	498.83	0.28	ppb
Thorium	232-1	481.51	478.77	474.44	478.24	0.74	ppb
Tin	118-1	509.99	494.04	500.20	501.41	1.60	ppb
Titanium	47-1	2477.51	2466.59	2454.36	2466.15	0.47	ppb
Uranium	238-1	473.83	472.14	468.93	471.63	0.53	ppb
Vanadium	51-2	493.27	496.93	494.57	494.92	0.37	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BS	Instrumnet Name :	P7
Client Sample ID :	PB123507BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:36:35	DataFile Name :	032LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	936.32	961.83	957.20	951.78	1.43	ppb
Zirconium	90-1	497.12	496.30	498.44	497.29	0.22	ppb
Zirconium	91-1	496.79	486.87	497.43	493.69	1.20	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123506BL Instrumnet Name : P7
 Client Sample ID : PB123506BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:46:15 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.08	-0.09	0.03	386.51	ppb
Antimony	121-1	0.14	0.12	0.14	0.13	6.37	ppb
Arsenic	75-2	0.03	0.04	0.01	0.02	63.32	ppb
Barium	135-1	0.03	0.02	0.01	0.02	43.40	ppb
Barium	137-1	0.03	0.02	0.02	0.02	33.97	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	54.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	8.78	9.63	7.28	8.57	13.90	ppb
Boron	11-1	8.59	7.90	7.91	8.13	4.81	ppb
Cadmium	111-1	0.03	-0.02	0.08	0.03	171.81	ppb
Cadmium	106-1	0.36	-0.52	0.91	0.25	287.00	ppb
Cadmium	108-1	0.03	0.09	0.03	0.05	61.77	ppb
Calcium	43-1	1.83	0.30	1.61	1.25	66.25	ppb
Calcium	44-1	1.42	1.86	0.78	1.35	40.24	ppb
Chromium	52-2	0.01	0.00	0.01	0.01	85.44	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	54.23	ppb
Copper	63-2	-0.01	-0.04	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.32	0.25	0.32	0.30	14.88	ppb
Iron	57-2	-0.41	-0.41	0.17	-0.22		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	199.66	ppb
Lead	207-1	0.01	0.00	-0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.00	0.00	44.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.38	0.19	0.76	0.44	65.66	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BL	Instrumnet Name :	P7
Client Sample ID :	PB123506BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:46:15	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	102.49	ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	3.47	ppb
Molybdenum	95-1	0.12	0.12	0.10	0.11	12.54	ppb
Molybdenum	96-1	0.12	0.08	0.12	0.11	22.62	ppb
Molybdenum	97-1	0.11	0.08	0.09	0.09	16.40	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.00	0.00		ppb
Phosphorus	31-2	-23.50	-3.56	-29.23	-18.76		ppb
Potassium	39-2	14.85	11.90	15.16	13.97	12.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-0.13	-0.13	-0.13	-0.13		ppb
Selenium	78-2	0.21	0.00	0.12	0.11	98.88	ppb
Selenium	82-1	0.13	-0.58	-0.17	-0.21		ppb
Silicon	28-1	0.93	1.32	1.04	1.10	18.52	ppb
Silver	109-1	0.01	0.01	0.00	0.00	79.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	166.86	ppb
Sodium	23-2	15.38	15.55	14.55	15.16	3.52	ppb
Strontium	86-1	0.03	-0.01	0.04	0.02	144.03	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	43.67	ppb
Sulfur	34-1	287.06	437.85	455.03	393.31	23.50	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.02	0.02	0.02	27.08	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.18	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	11.07	ppb
Tin	118-1	0.03	0.03	0.04	0.03	20.43	ppb
Titanium	47-1	0.03	0.10	0.02	0.05	85.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	93.72	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	78.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BL	Instrumnet Name :	P7
Client Sample ID :	PB123506BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:46:15	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	0.02	0.04	0.03	40.70	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	37.97	ppb
Zirconium	91-1	0.00	-0.01	0.03	0.00	704.46	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BS	Instrumnet Name :	P7
Client Sample ID :	PB123506BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:49:52	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10064.52	10171.25	10239.63	10158.47	0.87	ppb
Antimony	121-1	509.35	512.49	511.69	511.18	0.32	ppb
Arsenic	75-2	515.32	510.24	516.08	513.88	0.62	ppb
Barium	135-1	2530.55	2555.48	2563.84	2549.96	0.68	ppb
Barium	137-1	2554.02	2555.68	2552.97	2554.22	0.05	ppb
Beryllium	9-1	510.75	506.75	509.87	509.12	0.41	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	480.22	473.76	499.99	484.66	2.82	ppb
Boron	11-1	483.71	487.44	494.74	488.63	1.15	ppb
Cadmium	111-1	484.41	490.59	485.51	486.84	0.68	ppb
Cadmium	106-1	495.62	503.31	493.66	497.53	1.02	ppb
Cadmium	108-1	499.15	496.44	496.45	497.35	0.31	ppb
Calcium	43-1	51597.01	51331.52	51585.93	51504.82	0.29	ppb
Calcium	44-1	51751.92	51613.16	51794.14	51719.74	0.18	ppb
Chromium	52-2	494.49	498.34	496.56	496.46	0.39	ppb
Cobalt	59-2	495.83	500.31	500.52	498.88	0.53	ppb
Copper	63-2	904.04	925.74	916.94	915.57	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	26262.25	26459.84	26349.56	26357.21	0.38	ppb
Iron	57-2	26046.75	26249.23	26227.03	26174.34	0.42	ppb
Krypton	83-1						cps
Lead	206-1	485.06	501.98	503.59	496.88	2.07	ppb
Lead	207-1	489.32	490.95	491.10	490.46	0.20	ppb
Lead	208-1	492.16	497.16	499.87	496.39	0.79	ppb
Lithium	6-1				90		%
Magnesium	24-2	53059.07	53202.35	53506.63	53256.02	0.43	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BS	Instrumnet Name :	P7
Client Sample ID :	PB123506BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:49:52	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.97	996.51	994.47	992.98	0.45	ppb
Molybdenum	94-1	2478.38	2523.68	2507.70	2503.25	0.92	ppb
Molybdenum	95-1	2497.13	2529.93	2515.82	2514.29	0.65	ppb
Molybdenum	96-1	2488.44	2518.55	2501.58	2502.86	0.60	ppb
Molybdenum	97-1	2503.94	2524.98	2492.49	2507.14	0.66	ppb
Molybdenum	98-1	2490.62	2511.18	2500.38	2500.72	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.30	503.14	504.82	501.75	0.79	ppb
Phosphorus	31-2	10048.06	10090.18	10318.25	10152.17	1.43	ppb
Potassium	39-2	25575.16	25794.97	25826.91	25732.34	0.53	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	520.52	518.11	537.39	525.34	2.00	ppb
Selenium	78-2	518.16	514.28	532.11	521.51	1.80	ppb
Selenium	82-1	508.34	514.02	517.71	513.36	0.92	ppb
Silicon	28-1	557.07	573.20	575.65	568.64	1.78	ppb
Silver	109-1	502.13	500.12	500.26	500.84	0.22	ppb
Silver	107-1	492.98	500.86	503.35	499.06	1.09	ppb
Sodium	23-2	52458.11	52566.47	52940.67	52655.09	0.48	ppb
Strontium	86-1	496.12	503.69	506.09	501.96	1.04	ppb
Strontium	88-1	497.10	502.45	502.39	500.65	0.61	ppb
Sulfur	34-1	10460.72	10426.36	10365.92	10417.67	0.46	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	495.75	499.17	505.62	500.18	1.00	ppb
Thallium	205-1	497.59	501.67	501.76	500.34	0.48	ppb
Thorium	232-1	480.35	477.20	482.13	479.90	0.52	ppb
Tin	118-1	504.75	504.89	506.61	505.42	0.20	ppb
Titanium	47-1	2486.08	2454.43	2484.00	2474.83	0.72	ppb
Uranium	238-1	477.85	475.91	482.92	478.89	0.76	ppb
Vanadium	51-2	494.93	497.24	498.20	496.79	0.34	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BS	Instrumnet Name :	P7
Client Sample ID :	PB123506BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:49:52	DataFile Name :	034DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	952.28	963.66	956.95	957.63	0.60	ppb
Zirconium	90-1	499.87	502.48	502.33	501.56	0.29	ppb
Zirconium	91-1	496.56	499.26	496.87	497.56	0.30	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52144.50	51578.39	52227.27	51983.39	0.68	ppb
Antimony	121-1	465.44	466.35	501.60	477.80	4.32	ppb
Arsenic	75-2	522.37	511.76	520.39	518.18	1.09	ppb
Barium	135-1	2421.54	2421.57	2614.75	2485.95	4.49	ppb
Barium	137-1	2414.08	2416.90	2625.16	2485.38	4.87	ppb
Beryllium	9-1	474.05	480.08	510.94	488.36	4.05	ppb
Bismuth	209-1				81		%
Bismuth	209-2				77		%
Boron	10-1	483.12	508.59	526.66	506.13	4.32	ppb
Boron	11-1	486.38	501.05	534.19	507.21	4.83	ppb
Cadmium	111-1	499.62	498.70	535.00	511.10	4.05	ppb
Cadmium	106-1	502.13	501.48	537.06	513.56	3.96	ppb
Cadmium	108-1	504.17	504.11	531.19	513.16	3.04	ppb
Calcium	43-1	237337.75	240125.76	257200.84	244888.11	4.39	ppb
Calcium	44-1	235916.90	238522.63	257021.34	243820.29	4.72	ppb
Chromium	52-2	490.92	493.76	494.88	493.19	0.41	ppb
Cobalt	59-2	477.10	478.31	481.06	478.83	0.42	ppb
Copper	63-2	1047.87	1059.59	1055.13	1054.19	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				88		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	124844.04	125595.34	125712.11	125383.83	0.38	ppb
Iron	57-2	124582.44	126425.30	124971.90	125326.55	0.77	ppb
Krypton	83-1						cps
Lead	206-1	477.71	484.22	505.09	489.01	2.93	ppb
Lead	207-1	479.90	481.30	506.25	489.15	3.03	ppb
Lead	208-1	482.68	487.97	511.76	494.14	3.14	ppb
Lithium	6-1				86		%
Magnesium	24-2	252150.02	252444.34	253245.59	252613.32	0.22	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	961.71	967.73	963.09	964.18	0.33	ppb
Molybdenum	94-1	2407.84	2382.80	2553.48	2448.04	3.76	ppb
Molybdenum	95-1	2413.70	2392.24	2554.07	2453.34	3.58	ppb
Molybdenum	96-1	2406.89	2381.80	2553.66	2447.45	3.79	ppb
Molybdenum	97-1	2412.79	2382.30	2547.59	2447.56	3.59	ppb
Molybdenum	98-1	2391.14	2383.44	2544.18	2439.59	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.88	479.30	478.45	478.54	0.15	ppb
Phosphorus	31-2	9828.61	9696.63	10092.20	9872.48	2.04	ppb
Potassium	39-2	127291.81	126279.26	128330.37	127300.48	0.81	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	497.06	483.09	490.80	490.32	1.43	ppb
Selenium	78-2	513.79	501.35	502.15	505.76	1.38	ppb
Selenium	82-1	471.87	477.38	506.06	485.10	3.78	ppb
Silicon	28-1	543.27	561.79	611.69	572.25	6.18	ppb
Silver	109-1	488.14	488.08	520.98	499.07	3.80	ppb
Silver	107-1	491.87	487.89	523.04	500.93	3.84	ppb
Sodium	23-2	253951.94	255507.94	255172.74	254877.54	0.32	ppb
Strontium	86-1	477.91	476.29	510.96	488.38	4.01	ppb
Strontium	88-1	479.87	480.88	515.25	492.00	4.09	ppb
Sulfur	34-1	9270.22	9175.08	10536.42	9660.57	7.87	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	493.61	500.17	520.03	504.61	2.73	ppb
Thallium	205-1	495.84	501.52	523.31	506.89	2.86	ppb
Thorium	232-1	490.46	495.64	527.85	504.65	4.01	ppb
Tin	118-1	473.67	472.13	501.57	482.46	3.44	ppb
Titanium	47-1	2352.71	2366.10	2559.93	2426.25	4.78	ppb
Uranium	238-1	487.57	489.52	521.72	499.61	3.84	ppb
Vanadium	51-2	487.32	490.04	488.13	488.50	0.29	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.59	975.74	969.37	970.57	0.48	ppb
Zirconium	90-1	482.58	480.34	512.16	491.69	3.61	ppb
Zirconium	91-1	479.28	474.13	507.72	487.04	3.71	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 16:08:45 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.15	-0.01	-0.01		ppb
Antimony	121-1	0.15	0.14	0.16	0.15	7.13	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	80.29	ppb
Barium	135-1	0.01	0.00	0.00	0.01	60.15	ppb
Barium	137-1	0.01	0.01	0.01	0.01	26.62	ppb
Beryllium	9-1	0.04	0.05	0.08	0.05	37.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	13.79	11.14	10.05	11.66	16.51	ppb
Boron	11-1	12.85	11.16	10.68	11.56	9.88	ppb
Cadmium	111-1	0.12	0.10	0.14	0.12	18.21	ppb
Cadmium	106-1	1.32	0.98	1.37	1.23	17.25	ppb
Cadmium	108-1	0.03	0.02	-0.01	0.01	160.93	ppb
Calcium	43-1	2.72	1.59	0.51	1.61	68.81	ppb
Calcium	44-1	3.36	2.47	2.14	2.65	23.81	ppb
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.04	-0.04	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	0.35	0.43	0.44	0.41	12.09	ppb
Iron	57-2	0.05	0.48	0.24	0.25	84.19	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.02	0.03	64.66	ppb
Lead	207-1	0.03	0.02	0.01	0.02	44.96	ppb
Lead	208-1	0.03	0.01	0.02	0.02	48.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.26	1.01	1.17	1.15	10.81	ppb

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 16:08:45 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.02	0.01	117.08	ppb
Molybdenum	94-1	0.08	0.08	0.09	0.09	6.24	ppb
Molybdenum	95-1	0.12	0.08	0.09	0.10	24.79	ppb
Molybdenum	96-1	0.10	0.08	0.09	0.09	8.79	ppb
Molybdenum	97-1	0.08	0.10	0.10	0.10	11.78	ppb
Molybdenum	98-1	0.11	0.09	0.08	0.10	13.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	463.57	ppb
Phosphorus	31-2	-13.91	-4.88	-32.90	-17.23		ppb
Potassium	39-2	24.34	20.43	24.74	23.17	10.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	-0.13	0.26	-0.13	0.00		ppb
Selenium	78-2	-0.08	-0.08	-0.01	-0.06		ppb
Selenium	82-1	-0.20	0.59	-0.32	0.02	2439.37	ppb
Silicon	28-1	1.87	0.72	0.89	1.16	53.70	ppb
Silver	109-1	0.01	0.00	0.01	0.01	40.94	ppb
Silver	107-1	0.00	0.01	0.01	0.01	77.81	ppb
Sodium	23-2	43.24	44.42	44.62	44.09	1.69	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	129.00	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	28.74	ppb
Sulfur	34-1	1355.99	649.60	611.77	872.45	48.05	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.04	0.04	0.05	19.47	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	10.34	ppb
Thorium	232-1	0.03	0.02	0.03	0.02	11.09	ppb
Tin	118-1	0.04	0.03	0.03	0.03	7.02	ppb
Titanium	47-1	0.03	0.00	-0.01	0.01	328.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	132.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 16:08:45	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.16	0.22	0.41	0.26	48.60	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	34.04	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	126.89	ppb

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:39:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	8	25	66.68	cps
Antimony	121-1	225	175	175	192	15.06	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	25	50	8	28	75.51	cps
Barium	137-1	50	75	8	44	75.78	cps
Beryllium	9-1	80	120	77	92	26.15	cps
Bismuth	209-1	14616761	14722221	14506405	14615129	0.74	cps
Bismuth	209-2	7051938	7089878	7132823	7091546	0.57	cps
Boron	10-1	1150	1075	908	1045	11.84	cps
Boron	11-1	5234	4951	4626	4937	6.17	cps
Cadmium	111-1	3417	3615	4018	3683	8.31	cps
Cadmium	106-1	4868	5126	5676	5223	7.91	cps
Cadmium	108-1	17	21	8	15	41.67	cps
Calcium	43-1	142	42	58	81	66.50	cps
Calcium	44-1	5251	4843	5301	5132	4.90	cps
Chromium	52-2	453	477	467	466	2.51	cps
Cobalt	59-2	57	57	57	57	0.00	cps
Copper	63-2	1117	1183	1200	1167	3.78	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	67	108	67	81	29.86	cps
Erbium	164-2	53	43	40	46	15.23	cps
Gadolinium	160-1	92	100	75	89	14.31	cps
Gadolinium	160-2	140	183	180	168	14.37	cps
Holmium	165-1	20228283	20163364	20030312	20140653	0.50	cps
Holmium	165-2	8684616	8746365	8731229	8720737	0.37	cps
Indium	115-1	13295214	13328187	13339873	13321091	0.17	cps
Indium	115-2	2009831	2003509	2005945	2006428	0.16	cps
Iron	56-2	1650	1911	1711	1758	7.77	cps
Iron	57-2	50	100	61	70	37.31	cps
Krypton	83-1	2217	2294	2470	2327	5.58	cps
Lead	206-1	1411	1367	1372	1383	1.75	cps
Lead	207-1	1261	1400	1195	1285	8.16	cps
Lead	208-1	4967	4928	4984	4960	0.58	cps
Lithium	6-1	3430438	3436480	3432417	3433112	0.09	cps
Magnesium	24-2	192	292	275	253	21.19	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:39:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	23	33	31	22.31	cps
Molybdenum	94-1	292	458	450	400	23.48	cps
Molybdenum	95-1	208	158	142	169	20.48	cps
Molybdenum	96-1	233	283	183	233	21.43	cps
Molybdenum	97-1	100	150	117	122	20.83	cps
Molybdenum	98-1	250	225	325	267	19.52	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	147	107	157	137	19.36	cps
Phosphorus	31-2	75	92	42	69	36.66	cps
Potassium	39-2	11663	11814	11321	11599	2.17	cps
Rhodium	103-1	11561251	11592870	11539436	11564519	0.23	cps
Rhodium	103-2	5192457	5181909	5202299	5192222	0.20	cps
Scandium	45-1	6669004	6692651	6663469	6675041	0.23	cps
Scandium	45-2	258123	257296	259897	258439	0.51	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	15	20	20	19	17.34	cps
Selenium	82-1	64	38	-102	0	-24982.86	cps
Silicon	28-1	83055	84069	83273	83466	0.64	cps
Silver	109-1	108	117	83	103	16.88	cps
Silver	107-1	183	208	208	200	7.22	cps
Sodium	23-2	11505	11029	11055	11196	2.39	cps
Strontium	86-1	3734	3917	3751	3801	2.67	cps
Strontium	88-1	100	150	150	133	21.65	cps
Sulfur	34-1	421512	420984	415971	419489	0.73	cps
Terbium	159-1	20272696	20160658	20184866	20206074	0.29	cps
Terbium	159-2	8404340	8361597	8385160	8383699	0.26	cps
Thallium	203-1	1008	1242	1167	1139	10.46	cps
Thallium	205-1	2025	2234	2042	2100	5.51	cps
Thorium	232-1	2545	2467	2373	2461	3.50	cps
Tin	118-1	800	767	842	803	4.68	cps
Titanium	47-1	75	83	117	92	24.05	cps
Uranium	238-1	3084	2825	2900	2937	4.53	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	12206039	12319330	12208171	12244513	0.53	cps
Yttrium	89-2	1391870	1399722	1402950	1398180	0.41	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:39:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263	277	307	282	7.86	cps
Zirconium	90-1	942	1042	883	956	8.38	cps
Zirconium	91-1	167	242	225	211	18.65	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:43:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992	1950	1884	1942	2.81	cps
Antimony	121-1	24280	24313	25908	24834	3.75	cps
Arsenic	75-2	328	283	352	321	10.83	cps
Barium	135-1	31370	30418	30743	30843	1.57	cps
Barium	137-1	53345	56800	53370	54505	3.65	cps
Beryllium	9-1	2474	2314	2357	2381	3.48	cps
Bismuth	209-1	14237823	14180841	14368195	14262286	0.67	cps
Bismuth	209-2	6906069	6895772	6888546	6896796	0.13	cps
Boron	10-1	10379	10854	10587	10607	2.25	cps
Boron	11-1	47660	49190	49867	48905	2.31	cps
Cadmium	111-1	7750	7252	7506	7502	3.32	cps
Cadmium	106-1	6110	5676	5902	5896	3.68	cps
Cadmium	108-1	213	383	304	300	28.50	cps
Calcium	43-1	14866	14850	15000	14905	0.55	cps
Calcium	44-1	255583	255563	253367	254838	0.50	cps
Chromium	52-2	6265	6395	6448	6369	1.48	cps
Cobalt	59-2	5228	5298	5271	5265	0.67	cps
Copper	63-2	8546	8890	8926	8787	2.39	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-1	83	67	75	75	11.11	cps
Erbium	164-2	43	50	57	50	13.34	cps
Gadolinium	160-1	167	142	67	125	41.63	cps
Gadolinium	160-2	200	167	177	181	9.44	cps
Holmium	165-1	19762786	19678516	19621406	19687570	0.36	cps
Holmium	165-2	8530358	8500811	8449924	8493697	0.48	cps
Indium	115-1	13082314	13044445	12931481	13019413	0.60	cps
Indium	115-2	2030222	2013811	2014346	2019460	0.46	cps
Iron	56-2	144924	141973	142058	142985	1.17	cps
Iron	57-2	3612	3439	3601	3551	2.72	cps
Krypton	83-1	2434	2614	2337	2461	5.71	cps
Lead	206-1	15354	15248	15053	15218	1.00	cps
Lead	207-1	13529	13090	13062	13227	1.98	cps
Lead	208-1	60460	60154	59470	60028	0.84	cps
Lithium	6-1	3444995	3417361	3421859	3428072	0.43	cps
Magnesium	24-2	125773	127119	126119	126337	0.55	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:43:31 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1933	1830	1780	1848	4.23	cps
Molybdenum	94-1	23194	23587	22143	22975	3.25	cps
Molybdenum	95-1	29882	28905	29473	29420	1.67	cps
Molybdenum	96-1	32780	31235	32229	32081	2.44	cps
Molybdenum	97-1	18705	18112	18329	18382	1.63	cps
Molybdenum	98-1	47814	48483	47379	47892	1.16	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	1637	1540	1633	1603	3.42	cps
Phosphorus	31-2	242	275	308	275	12.12	cps
Potassium	39-2	101472	100582	100397	100817	0.57	cps
Rhodium	103-1	11349779	11279435	11282997	11304071	0.35	cps
Rhodium	103-2	5268691	5249854	5170443	5229663	1.00	cps
Scandium	45-1	6531177	6554454	6488970	6524867	0.51	cps
Scandium	45-2	256489	257666	256453	256870	0.27	cps
Selenium	77-2	37	67	80	61	36.31	cps
Selenium	78-2	169	172	191	177	6.72	cps
Selenium	82-1	1332	1050	1398	1260	14.69	cps
Silicon	28-1	141572	140311	142195	141360	0.68	cps
Silver	109-1	11830	12339	12639	12270	3.33	cps
Silver	107-1	13048	12673	12323	12681	2.86	cps
Sodium	23-2	243165	243030	238763	241653	1.04	cps
Strontium	86-1	7719	7294	7219	7411	3.64	cps
Strontium	88-1	31502	31294	31385	31394	0.33	cps
Sulfur	34-1	426015	421668	416534	421406	1.13	cps
Terbium	159-1	19779891	19794680	20137222	19903931	1.02	cps
Terbium	159-2	8246357	8218237	8229995	8231530	0.17	cps
Thallium	203-1	17521	17721	17546	17596	0.62	cps
Thallium	205-1	42711	42285	42126	42374	0.71	cps
Thorium	232-1	55061	54597	54285	54647	0.71	cps
Tin	118-1	55954	56565	56205	56241	0.55	cps
Titanium	47-1	7194	7344	7252	7263	1.04	cps
Uranium	238-1	61369	61839	61881	61697	0.46	cps
Vanadium	51-2	11842	12082	11718	11881	1.56	cps
Yttrium	89-1	11979162	12003417	12017476	12000018	0.16	cps
Yttrium	89-2	1404454	1411562	1388068	1401361	0.86	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:43:31	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1643	1507	1603	1585	4.43	cps
Zirconium	90-1	17645	17369	17511	17508	0.79	cps
Zirconium	91-1	3717	3726	3867	3770	2.24	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:48:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93600	95429	94179	94403	0.99	cps
Antimony	121-1	647896	650359	634885	644380	1.29	cps
Arsenic	75-2	14828	15102	14824	14918	1.07	cps
Barium	135-1	770274	765785	759429	765163	0.71	cps
Barium	137-1	1351713	1363028	1329843	1348194	1.25	cps
Beryllium	9-1	113433	111804	111556	112264	0.91	cps
Bismuth	209-1	13922141	14051894	14126847	14033627	0.74	cps
Bismuth	209-2	6710171	6672052	6580909	6654378	1.00	cps
Boron	10-1	20231	19864	20373	20156	1.30	cps
Boron	11-1	93472	94127	94975	94191	0.80	cps
Cadmium	111-1	195487	195273	194826	195195	0.17	cps
Cadmium	106-1	26809	27377	27820	27336	1.85	cps
Cadmium	108-1	15755	15421	14512	15229	4.22	cps
Calcium	43-1	160293	159915	158222	159477	0.69	cps
Calcium	44-1	2609910	2581991	2568601	2586834	0.81	cps
Chromium	52-2	148169	146492	147425	147362	0.57	cps
Cobalt	59-2	254130	252623	252578	253110	0.35	cps
Copper	63-2	377936	371837	370872	373548	1.03	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	47	33	33	38	20.39	cps
Erbium	164-1	67	108	108	94	25.47	cps
Erbium	164-2	47	57	43	49	14.20	cps
Gadolinium	160-1	92	125	92	103	18.73	cps
Gadolinium	160-2	200	180	197	192	5.58	cps
Holmium	165-1	19191039	19506791	19552034	19416622	1.01	cps
Holmium	165-2	8270214	8216482	8209455	8232050	0.40	cps
Indium	115-1	12661660	12833173	12872800	12789211	0.88	cps
Indium	115-2	1934239	1915140	1910502	1919960	0.66	cps
Iron	56-2	6592212	6568660	6564914	6575262	0.23	cps
Iron	57-2	162500	162602	161821	162307	0.26	cps
Krypton	83-1	2430	2407	2147	2328	6.76	cps
Lead	206-1	704470	701153	694964	700196	0.69	cps
Lead	207-1	622551	626052	618288	622297	0.62	cps
Lead	208-1	2851552	2846269	2823694	2840505	0.52	cps
Lithium	6-1	3306411	3364297	3370441	3347050	1.06	cps
Magnesium	24-2	1206034	1200042	1195230	1200435	0.45	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:48:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173961	172484	173091	173179	0.43	cps
Molybdenum	94-1	1209281	1207787	1193903	1203657	0.70	cps
Molybdenum	95-1	1516463	1513893	1493364	1507907	0.84	cps
Molybdenum	96-1	1670117	1672493	1648002	1663537	0.81	cps
Molybdenum	97-1	945281	951669	935920	944290	0.84	cps
Molybdenum	98-1	2457283	2470588	2447410	2458427	0.47	cps
Neodymium	150-1	93	93	100	96	4.03	cps
Neodymium	150-2	13	13	0	9	86.60	cps
Nickel	60-2	68389	67836	67501	67909	0.66	cps
Phosphorus	31-2	4684	4626	4326	4545	4.23	cps
Potassium	39-2	439464	438201	439358	439007	0.16	cps
Rhodium	103-1	10881414	11081417	11123261	11028697	1.17	cps
Rhodium	103-2	4964333	4950171	4921460	4945321	0.44	cps
Scandium	45-1	6243900	6333490	6370478	6315956	1.03	cps
Scandium	45-2	247078	244244	241879	244401	1.06	cps
Selenium	77-2	443	440	463	449	2.81	cps
Selenium	78-2	1509	1517	1552	1526	1.49	cps
Selenium	82-1	13108	13061	13219	13129	0.62	cps
Silicon	28-1	438790	447851	448789	445143	1.24	cps
Silver	109-1	807280	805208	790310	800933	1.16	cps
Silver	107-1	831208	825494	821889	826197	0.57	cps
Sodium	23-2	2270867	2247934	2269538	2262780	0.57	cps
Strontium	86-1	183230	183490	180251	182324	0.99	cps
Strontium	88-1	1584664	1582756	1569824	1579081	0.51	cps
Sulfur	34-1	461805	465947	458726	462159	0.78	cps
Terbium	159-1	19301028	19667226	19815735	19594663	1.35	cps
Terbium	159-2	7961751	7990917	7921255	7957974	0.44	cps
Thallium	203-1	861979	854980	838495	851818	1.42	cps
Thallium	205-1	2062932	2080992	2032783	2058902	1.18	cps
Thorium	232-1	3090988	3089082	3039418	3073163	0.95	cps
Tin	118-1	560031	556740	549540	555437	0.97	cps
Titanium	47-1	346857	345460	344934	345750	0.29	cps
Uranium	238-1	3143454	3119429	3069299	3110727	1.22	cps
Vanadium	51-2	111803	110056	111840	111233	0.92	cps
Yttrium	89-1	11606966	11806458	11840237	11751221	1.07	cps
Yttrium	89-2	1337947	1328796	1329382	1332042	0.38	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:48:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	61563	61479	62805	61949	1.20	cps
Zirconium	90-1	931663	941092	923147	931967	0.96	cps
Zirconium	91-1	208284	210786	206307	208459	1.08	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 12:52:18 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226007	221118	223685	223603	1.09	cps
Antimony	121-1	1539500	1563019	1551733	1551417	0.76	cps
Arsenic	75-2	35178	35326	34779	35094	0.81	cps
Barium	135-1	1843106	1849375	1833151	1841877	0.44	cps
Barium	137-1	3270204	3250020	3225344	3248522	0.69	cps
Beryllium	9-1	265532	265944	262834	264770	0.64	cps
Bismuth	209-1	13613398	13641604	13411565	13555522	0.93	cps
Bismuth	209-2	6386444	6374122	6381280	6380615	0.10	cps
Boron	10-1	45787	47911	46673	46790	2.28	cps
Boron	11-1	215372	222812	222723	220303	1.94	cps
Cadmium	111-1	463087	457458	456110	458885	0.81	cps
Cadmium	106-1	56053	55702	54648	55468	1.32	cps
Cadmium	108-1	35177	35703	35708	35529	0.86	cps
Calcium	43-1	379383	376485	372963	376277	0.85	cps
Calcium	44-1	6183398	6196833	6078342	6152858	1.05	cps
Chromium	52-2	352257	349587	349223	350356	0.47	cps
Cobalt	59-2	601860	601958	600485	601434	0.14	cps
Copper	63-2	880433	883440	877619	880497	0.33	cps
Dysprosium	156-1	17	83	25	42	87.18	cps
Dysprosium	156-2	63	37	67	56	29.59	cps
Erbium	164-1	92	67	117	92	27.27	cps
Erbium	164-2	60	70	37	56	30.79	cps
Gadolinium	160-1	108	83	83	92	15.74	cps
Gadolinium	160-2	187	193	153	178	12.05	cps
Holmium	165-1	19104789	18920167	18688606	18904521	1.10	cps
Holmium	165-2	8040178	8003411	7949850	7997813	0.57	cps
Indium	115-1	12208767	12177928	11934890	12107195	1.24	cps
Indium	115-2	1830100	1823733	1826773	1826868	0.17	cps
Iron	56-2	15683769	15717307	15709446	15703507	0.11	cps
Iron	57-2	389714	390933	388027	389558	0.37	cps
Krypton	83-1	2130	2257	2284	2224	3.69	cps
Lead	206-1	1716404	1725321	1707399	1716375	0.52	cps
Lead	207-1	1518361	1533343	1519086	1523597	0.55	cps
Lead	208-1	6955443	6987301	6905477	6949407	0.59	cps
Lithium	6-1	3167973	3145695	3103449	3139039	1.04	cps
Magnesium	24-2	2869546	2865949	2873729	2869742	0.14	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:52:18	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413449	412056	411517	412341	0.24	cps
Molybdenum	94-1	2906010	2899981	2847080	2884357	1.12	cps
Molybdenum	95-1	3617780	3639709	3590704	3616064	0.68	cps
Molybdenum	96-1	3998332	4010855	3958936	3989374	0.68	cps
Molybdenum	97-1	2265529	2268203	2238825	2257519	0.72	cps
Molybdenum	98-1	5898439	5938968	5848070	5895159	0.77	cps
Neodymium	150-1	180	160	187	176	7.90	cps
Neodymium	150-2	10	10	17	12	31.50	cps
Nickel	60-2	159375	160167	159657	159733	0.25	cps
Phosphorus	31-2	11522	10204	10779	10835	6.10	cps
Potassium	39-2	1029885	1031311	1028162	1029786	0.15	cps
Rhodium	103-1	10469435	10433707	10123192	10342111	1.84	cps
Rhodium	103-2	4688775	4686124	4645073	4673324	0.52	cps
Scandium	45-1	6052503	6017751	5918544	5996266	1.16	cps
Scandium	45-2	233547	234032	229005	232195	1.19	cps
Selenium	77-2	1077	907	893	959	10.66	cps
Selenium	78-2	3376	3558	3449	3461	2.64	cps
Selenium	82-1	30212	30230	30130	30191	0.18	cps
Silicon	28-1	861245	868547	869015	866269	0.50	cps
Silver	109-1	1899508	1895068	1882141	1892239	0.48	cps
Silver	107-1	1959899	1976104	1948416	1961473	0.71	cps
Sodium	23-2	5410886	5427467	5431884	5423412	0.20	cps
Strontium	86-1	432740	433938	428419	431699	0.67	cps
Strontium	88-1	3792204	3786295	3778356	3785619	0.18	cps
Sulfur	34-1	524475	522131	519815	522140	0.45	cps
Terbium	159-1	19031629	19006263	18695493	18911128	0.99	cps
Terbium	159-2	7692829	7668492	7609989	7657103	0.56	cps
Thallium	203-1	2087745	2077721	2070037	2078501	0.43	cps
Thallium	205-1	5074485	5064641	5066448	5068525	0.10	cps
Thorium	232-1	7602674	7633065	7619256	7618332	0.20	cps
Tin	118-1	1335520	1341304	1325676	1334167	0.59	cps
Titanium	47-1	826192	828149	818135	824159	0.64	cps
Uranium	238-1	7701995	7740297	7780475	7740922	0.51	cps
Vanadium	51-2	265592	264893	262687	264391	0.57	cps
Yttrium	89-1	11279993	11258591	11109105	11215896	0.83	cps
Yttrium	89-2	1270384	1271215	1263639	1268412	0.33	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:52:18	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	144301	144261	144028	144197	0.10	cps
Zirconium	90-1	2236890	2215835	2202700	2218475	0.78	cps
Zirconium	91-1	498721	494710	494718	496050	0.47	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434557	430342	442378	435759	1.40	cps
Antimony	121-1	2958936	2973157	2968346	2966813	0.24	cps
Arsenic	75-2	68521	67604	67156	67760	1.03	cps
Barium	135-1	3496023	3507329	3513596	3505649	0.25	cps
Barium	137-1	6188305	6190013	6199874	6192731	0.10	cps
Beryllium	9-1	497231	494440	495163	495611	0.29	cps
Bismuth	209-1	13020915	13135533	12976664	13044371	0.63	cps
Bismuth	209-2	6138930	6091887	6169478	6133432	0.64	cps
Boron	10-1	86615	87670	89716	88001	1.79	cps
Boron	11-1	410743	408637	415734	411705	0.89	cps
Cadmium	111-1	869868	860791	863383	864681	0.54	cps
Cadmium	106-1	101781	100169	101437	101129	0.84	cps
Cadmium	108-1	66380	67711	66029	66707	1.33	cps
Calcium	43-1	705788	709274	704907	706656	0.33	cps
Calcium	44-1	11590744	11581709	11584768	11585740	0.04	cps
Chromium	52-2	673725	668523	670393	670881	0.39	cps
Cobalt	59-2	1144747	1150058	1142572	1145792	0.34	cps
Copper	63-2	1666873	1674237	1660525	1667212	0.41	cps
Dysprosium	156-1	100	42	42	61	55.11	cps
Dysprosium	156-2	33	30	60	41	40.00	cps
Erbium	164-1	75	67	125	89	35.50	cps
Erbium	164-2	40	83	57	60	36.43	cps
Gadolinium	160-1	58	92	150	100	46.40	cps
Gadolinium	160-2	207	147	133	162	24.08	cps
Holmium	165-1	18441501	18159520	18215095	18272038	0.82	cps
Holmium	165-2	7750654	7738523	7729301	7739493	0.14	cps
Indium	115-1	11647035	11473546	11531054	11550545	0.77	cps
Indium	115-2	1748026	1747591	1757543	1751054	0.32	cps
Iron	56-2	30194926	30131440	30249028	30191798	0.19	cps
Iron	57-2	744397	748173	743055	745208	0.36	cps
Krypton	83-1	2090	2230	2027	2116	4.92	cps
Lead	206-1	3286534	3312709	3275099	3291448	0.59	cps
Lead	207-1	2907311	2941957	2907913	2919060	0.68	cps
Lead	208-1	13365316	13426286	13285134	13358912	0.53	cps
Lithium	6-1	2976046	2971257	2968063	2971789	0.14	cps
Magnesium	24-2	5545011	5470918	5555729	5523886	0.84	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	790972	788947	792763	790894	0.24	cps
Molybdenum	94-1	5428459	5436640	5422271	5429123	0.13	cps
Molybdenum	95-1	6848556	6809278	6814796	6824210	0.31	cps
Molybdenum	96-1	7608283	7574848	7571289	7584807	0.27	cps
Molybdenum	97-1	4294140	4296666	4300694	4297167	0.08	cps
Molybdenum	98-1	11238517	11255427	11202905	11232283	0.24	cps
Neodymium	150-1	287	393	260	313	22.52	cps
Neodymium	150-2	43	27	43	38	25.46	cps
Nickel	60-2	299909	301728	301291	300976	0.32	cps
Phosphorus	31-2	19772	19388	20782	19981	3.60	cps
Potassium	39-2	1960052	1993589	1995528	1983056	1.01	cps
Rhodium	103-1	9830575	9757416	9689279	9759090	0.72	cps
Rhodium	103-2	4456281	4443606	4439993	4446627	0.19	cps
Scandium	45-1	5711820	5689107	5641532	5680820	0.63	cps
Scandium	45-2	221798	225878	225050	224242	0.96	cps
Selenium	77-2	1987	1987	1950	1975	1.07	cps
Selenium	78-2	6718	6616	6753	6696	1.06	cps
Selenium	82-1	56965	56380	56353	56566	0.61	cps
Silicon	28-1	1548163	1568226	1576733	1564374	0.94	cps
Silver	109-1	3562456	3581736	3560043	3568078	0.33	cps
Silver	107-1	3703599	3686832	3663192	3684541	0.55	cps
Sodium	23-2	10493688	10369460	10573144	10478764	0.98	cps
Strontium	86-1	815049	815123	808842	813005	0.44	cps
Strontium	88-1	7140029	7200379	7121570	7153993	0.58	cps
Sulfur	34-1	624253	623336	629044	625544	0.49	cps
Terbium	159-1	18383104	18441250	18293331	18372562	0.41	cps
Terbium	159-2	7444682	7418419	7427327	7430143	0.18	cps
Thallium	203-1	4027070	4015074	4045269	4029138	0.38	cps
Thallium	205-1	9688510	9735501	9766160	9730057	0.40	cps
Thorium	232-1	14839217	14881040	14794873	14838377	0.29	cps
Tin	118-1	2555841	2554028	2549744	2553204	0.12	cps
Titanium	47-1	1557831	1557519	1546418	1553923	0.42	cps
Uranium	238-1	15003261	15164118	15005884	15057754	0.61	cps
Vanadium	51-2	506633	509463	507497	507864	0.29	cps
Yttrium	89-1	10664669	10661962	10603674	10643435	0.32	cps
Yttrium	89-2	1221882	1214946	1220607	1219145	0.30	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:56:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	270948	272709	272425	272027	0.35	cps
Zirconium	90-1	4194292	4209449	4210912	4204884	0.22	cps
Zirconium	91-1	934400	939321	937382	937034	0.26	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842574	836558	835444	838192	0.46	cps
Antimony	121-1	5766067	5772384	5811746	5783399	0.43	cps
Arsenic	75-2	128734	129506	129995	129411	0.49	cps
Barium	135-1	6886087	6938759	6972389	6932412	0.63	cps
Barium	137-1	12088717	12048550	12114328	12083865	0.27	cps
Beryllium	9-1	943857	947389	948902	946716	0.27	cps
Bismuth	209-1	12761779	12656146	12463501	12627142	1.20	cps
Bismuth	209-2	5938380	5950574	5936944	5941966	0.13	cps
Boron	10-1	167831	170883	172585	170433	1.41	cps
Boron	11-1	794653	812712	809470	805612	1.20	cps
Cadmium	111-1	1636054	1654097	1668084	1652745	0.97	cps
Cadmium	106-1	187586	187104	190167	188285	0.87	cps
Cadmium	108-1	127828	127034	128711	127858	0.66	cps
Calcium	43-1	1366484	1384251	1378546	1376427	0.66	cps
Calcium	44-1	22441331	22632642	22555290	22543088	0.43	cps
Chromium	52-2	1285153	1284537	1292701	1287464	0.35	cps
Cobalt	59-2	2181179	2185290	2225922	2197464	1.13	cps
Copper	63-2	3134352	3160524	3178452	3157776	0.70	cps
Dysprosium	156-1	108	150	175	144	23.32	cps
Dysprosium	156-2	130	127	103	120	12.11	cps
Erbium	164-1	92	108	100	100	8.33	cps
Erbium	164-2	73	57	60	63	13.92	cps
Gadolinium	160-1	133	150	50	111	48.22	cps
Gadolinium	160-2	210	197	127	178	25.18	cps
Holmium	165-1	18091341	18096410	17921890	18036547	0.55	cps
Holmium	165-2	7614642	7656476	7646338	7639152	0.29	cps
Indium	115-1	11298541	11203318	11035745	11179201	1.19	cps
Indium	115-2	1682341	1694230	1711934	1696168	0.88	cps
Iron	56-2	57880928	58137385	57875249	57964520	0.26	cps
Iron	57-2	1416189	1428916	1440051	1428385	0.84	cps
Krypton	83-1	2177	1903	2067	2049	6.71	cps
Lead	206-1	6375619	6385404	6452010	6404344	0.65	cps
Lead	207-1	5635338	5701530	5673976	5670281	0.59	cps
Lead	208-1	25869107	26013177	26063753	25982012	0.39	cps
Lithium	6-1	2904715	2900367	2845408	2883497	1.15	cps
Magnesium	24-2	10741302	10625631	10685202	10684045	0.54	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1519781	1525480	1531498	1525586	0.38	cps
Molybdenum	94-1	10548327	10550767	10612922	10570672	0.35	cps
Molybdenum	95-1	13239148	13251378	13432968	13307832	0.82	cps
Molybdenum	96-1	14668304	14753687	14915747	14779246	0.85	cps
Molybdenum	97-1	8386878	8400768	8475133	8420927	0.56	cps
Molybdenum	98-1	21920336	21904006	22011985	21945442	0.27	cps
Neodymium	150-1	613	607	480	567	13.26	cps
Neodymium	150-2	43	23	63	43	46.16	cps
Nickel	60-2	569938	573815	577939	573897	0.70	cps
Phosphorus	31-2	38300	38986	37957	38414	1.36	cps
Potassium	39-2	3811709	3818625	3849568	3826634	0.53	cps
Rhodium	103-1	9423172	9415851	9298819	9379281	0.74	cps
Rhodium	103-2	4266854	4290349	4314680	4290628	0.56	cps
Scandium	45-1	5597169	5569253	5456536	5540986	1.34	cps
Scandium	45-2	218524	217066	219659	218416	0.60	cps
Selenium	77-2	3647	3847	3877	3791	3.30	cps
Selenium	78-2	12565	12502	12654	12573	0.61	cps
Selenium	82-1	106933	107359	108365	107552	0.68	cps
Silicon	28-1	2882892	2919924	2945597	2916138	1.08	cps
Silver	109-1	6835482	6859879	6877897	6857753	0.31	cps
Silver	107-1	7110276	7094913	7143866	7116352	0.35	cps
Sodium	23-2	20269304	20218360	20181366	20223010	0.22	cps
Strontium	86-1	1575303	1576519	1577569	1576464	0.07	cps
Strontium	88-1	13874539	13884947	14010609	13923365	0.54	cps
Sulfur	34-1	855646	862404	858461	858837	0.40	cps
Terbium	159-1	18252693	18170179	17726330	18049734	1.57	cps
Terbium	159-2	7338279	7344762	7332315	7338452	0.08	cps
Thallium	203-1	7823930	7830450	7878767	7844382	0.38	cps
Thallium	205-1	19038129	18878695	18972741	18963188	0.42	cps
Thorium	232-1	29312639	29223246	29236071	29257319	0.17	cps
Tin	118-1	4904511	4901628	4934812	4913650	0.37	cps
Titanium	47-1	2998862	3013492	3011866	3008073	0.27	cps
Uranium	238-1	29646178	29989581	29578567	29738109	0.74	cps
Vanadium	51-2	985863	979016	984853	983244	0.38	cps
Yttrium	89-1	10418585	10476155	10287546	10394095	0.93	cps
Yttrium	89-2	1191504	1194228	1195100	1193611	0.16	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 12:59:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	508432	512872	515724	512343	0.72	cps
Zirconium	90-1	8187370	8244324	8304916	8245537	0.71	cps
Zirconium	91-1	1829855	1840011	1837262	1835709	0.29	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 13:03:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1606902	1619387	1622384	1616224	0.51	cps
Antimony	121-1	11345393	11390880	11321735	11352669	0.31	cps
Arsenic	75-2	247101	248119	248584	247935	0.31	cps
Barium	135-1	13553644	13597606	13489151	13546800	0.40	cps
Barium	137-1	23745282	23864814	23455948	23688681	0.89	cps
Beryllium	9-1	1802396	1799019	1809269	1803561	0.29	cps
Bismuth	209-1	12379841	12490910	12354637	12408463	0.58	cps
Bismuth	209-2	5719903	5752355	5755411	5742556	0.34	cps
Boron	10-1	329521	327752	333083	330119	0.82	cps
Boron	11-1	1549242	1585286	1574291	1569606	1.18	cps
Cadmium	111-1	3385536	3441198	3412345	3413026	0.82	cps
Cadmium	106-1	381031	381551	382641	381741	0.22	cps
Cadmium	108-1	263889	257952	263340	261727	1.25	cps
Calcium	43-1	2685645	2707783	2690451	2694626	0.43	cps
Calcium	44-1	43982192	44131884	44105385	44073154	0.18	cps
Chromium	52-2	2501626	2487101	2477574	2488767	0.49	cps
Cobalt	59-2	4146402	4193672	4185122	4175065	0.60	cps
Copper	63-2	6678576	6719619	6698479	6698891	0.31	cps
Dysprosium	156-1	283	258	225	256	11.45	cps
Dysprosium	156-2	207	180	190	192	7.01	cps
Erbium	164-1	125	67	133	108	33.53	cps
Erbium	164-2	50	40	67	52	25.80	cps
Gadolinium	160-1	125	142	100	122	17.16	cps
Gadolinium	160-2	180	213	203	199	8.60	cps
Holmium	165-1	18049014	17970144	18146514	18055224	0.49	cps
Holmium	165-2	7506592	7508863	7530274	7515243	0.17	cps
Indium	115-1	11004293	10956106	10898507	10952969	0.48	cps
Indium	115-2	1621178	1633151	1628112	1627480	0.37	cps
Iron	56-2	111965955	111662075	111586600	111738210	0.18	cps
Iron	57-2	2740155	2752254	2746520	2746310	0.22	cps
Krypton	83-1	2197	1960	2020	2059	5.98	cps
Lead	206-1	12648023	12720482	12563168	12643891	0.62	cps
Lead	207-1	11224321	11241707	11200445	11222158	0.18	cps
Lead	208-1	51028232	51315075	50793101	51045469	0.51	cps
Lithium	6-1	2838488	2833052	2805005	2825515	0.64	cps
Magnesium	24-2	20604244	20599686	20544643	20582858	0.16	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 13:03:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2929862	2945912	2933060	2936278	0.29	cps
Molybdenum	94-1	20755054	20789556	20713773	20752794	0.18	cps
Molybdenum	95-1	26059712	26089371	26108459	26085847	0.09	cps
Molybdenum	96-1	28972591	28985606	29083716	29013971	0.21	cps
Molybdenum	97-1	16461121	16517340	16384879	16454447	0.40	cps
Molybdenum	98-1	42910416	43048867	42730334	42896539	0.37	cps
Neodymium	150-1	1093	1267	1093	1151	8.69	cps
Neodymium	150-2	80	40	80	67	34.64	cps
Nickel	60-2	1077578	1089419	1084590	1083862	0.55	cps
Phosphorus	31-2	74980	75516	73884	74794	1.11	cps
Potassium	39-2	7384130	7362360	7321956	7356149	0.43	cps
Rhodium	103-1	9163255	9090888	9068861	9107668	0.54	cps
Rhodium	103-2	4111547	4125464	4122584	4119865	0.18	cps
Scandium	45-1	5504117	5500196	5470272	5491528	0.34	cps
Scandium	45-2	214513	213477	211932	213307	0.61	cps
Selenium	77-2	6782	6982	6532	6765	3.33	cps
Selenium	78-2	23256	23467	23234	23319	0.55	cps
Selenium	82-1	204311	206235	205149	205232	0.47	cps
Silicon	28-1	5457814	5535133	5536406	5509784	0.82	cps
Silver	109-1	14028412	13968307	13938441	13978387	0.33	cps
Silver	107-1	14514276	14384868	14562524	14487223	0.63	cps
Sodium	23-2	39462038	39208313	39246187	39305513	0.35	cps
Strontium	86-1	3082272	3085864	3087214	3085117	0.08	cps
Strontium	88-1	27503325	27501365	27339680	27448123	0.34	cps
Sulfur	34-1	1322467	1329558	1318181	1323402	0.43	cps
Terbium	159-1	17981978	18031570	17994884	18002811	0.14	cps
Terbium	159-2	7238570	7212830	7249908	7233769	0.26	cps
Thallium	203-1	15258072	15241601	15352611	15284094	0.39	cps
Thallium	205-1	36971602	36951803	36942120	36955175	0.04	cps
Thorium	232-1	57910407	58425961	58077158	58137842	0.45	cps
Tin	118-1	9702073	9660541	9732143	9698252	0.37	cps
Titanium	47-1	5892981	5931149	5916466	5913532	0.33	cps
Uranium	238-1	58737601	59219683	58574653	58843979	0.57	cps
Vanadium	51-2	1906031	1917034	1907873	1910313	0.31	cps
Yttrium	89-1	10380578	10347526	10324840	10350981	0.27	cps
Yttrium	89-2	1171323	1176654	1171651	1173210	0.25	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:03:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1020417	1030169	1030006	1026864	0.54	cps
Zirconium	90-1	16159116	16327525	16138243	16208295	0.64	cps
Zirconium	91-1	3599594	3601311	3572778	3591227	0.45	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7952244	8070185	8072661	8031696	0.86	cps
Antimony	121-1	14825	15125	15634	15195	2.69	cps
Arsenic	75-2	374	304	374	351	11.59	cps
Barium	135-1	2134	1734	1617	1828	14.83	cps
Barium	137-1	3384	3025	3026	3145	6.58	cps
Beryllium	9-1	280	320	243	281	13.64	cps
Bismuth	209-1	11011434	10938888	10884465	10944929	0.58	cps
Bismuth	209-2	5000606	5014842	5038555	5018001	0.38	cps
Boron	10-1	17052	15959	14583	15864	7.80	cps
Boron	11-1	80372	75070	69394	74945	7.33	cps
Cadmium	111-1	3902	3830	3578	3770	4.52	cps
Cadmium	106-1	4884	4809	4443	4712	5.02	cps
Cadmium	108-1	54	88	46	63	35.28	cps
Calcium	43-1	12542481	12459353	12586770	12529535	0.52	cps
Calcium	44-1	206077480	205655813	205735217	205822837	0.11	cps
Chromium	52-2	78957	77063	78069	78029	1.21	cps
Cobalt	59-2	48266	49423	49453	49047	1.38	cps
Copper	63-2	11148	10981	11191	11107	1.00	cps
Dysprosium	156-1	50	67	92	69	30.20	cps
Dysprosium	156-2	20	43	43	36	37.89	cps
Erbium	164-1	108	92	100	100	8.33	cps
Erbium	164-2	40	77	77	64	32.85	cps
Gadolinium	160-1	92	142	142	125	23.10	cps
Gadolinium	160-2	180	197	223	200	10.93	cps
Holmium	165-1	17440181	17374801	17067912	17294298	1.15	cps
Holmium	165-2	7168432	7286455	7306935	7253941	1.03	cps
Indium	115-1	10336802	10444202	10350157	10377054	0.56	cps
Indium	115-2	1582470	1585509	1600866	1589615	0.62	cps
Iron	56-2	528756723	532642690	534660945	532020119	0.56	cps
Iron	57-2	13053385	13119378	13139455	13104073	0.34	cps
Krypton	83-1	1947	1853	1903	1901	2.46	cps
Lead	206-1	10799	10744	10093	10545	3.72	cps
Lead	207-1	9960	9626	9993	9859	2.06	cps
Lead	208-1	44419	43039	42400	43286	2.38	cps
Lithium	6-1	2702448	2690498	2661717	2684887	0.78	cps
Magnesium	24-2	96191758	98202402	98320473	97571545	1.23	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10037	9890	10247	10058	1.78	cps
Molybdenum	94-1	16185	16093	14791	15690	4.97	cps
Molybdenum	95-1	25390	24188	23754	24444	3.47	cps
Molybdenum	96-1	27527	26542	26667	26912	1.99	cps
Molybdenum	97-1	16327	15351	14900	15526	4.70	cps
Molybdenum	98-1	40065	39581	39531	39726	0.74	cps
Neodymium	150-1	200	213	167	193	12.43	cps
Neodymium	150-2	97	33	60	63	50.21	cps
Nickel	60-2	31110	32075	31985	31723	1.68	cps
Phosphorus	31-2	167	67	50	94	66.81	cps
Potassium	39-2	35923752	36238969	36635733	36266151	0.98	cps
Rhodium	103-1	8221619	8243181	8224638	8229813	0.14	cps
Rhodium	103-2	3757474	3755232	3751962	3754889	0.07	cps
Scandium	45-1	5320730	5340044	5297931	5319568	0.40	cps
Scandium	45-2	211628	214183	215064	213625	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	28	22	24	13.33	cps
Selenium	82-1	182	86	44	104	68.15	cps
Silicon	28-1	210562	209768	207359	209229	0.80	cps
Silver	109-1	1725	1650	1584	1653	4.29	cps
Silver	107-1	2284	1742	1759	1928	15.98	cps
Sodium	23-2	186494925	189215779	189337308	188349338	0.85	cps
Strontium	86-1	15759	15100	15000	15287	2.70	cps
Strontium	88-1	110464	110741	108441	109882	1.14	cps
Sulfur	34-1	359506	361157	359300	359988	0.28	cps
Terbium	159-1	17252669	17235076	17116103	17201282	0.43	cps
Terbium	159-2	6953770	7029341	7027809	7003640	0.62	cps
Thallium	203-1	4884	4576	4559	4673	3.92	cps
Thallium	205-1	11622	10238	9495	10452	10.33	cps
Thorium	232-1	10766	9320	9304	9797	8.57	cps
Tin	118-1	4626	4301	4359	4429	3.91	cps
Titanium	47-1	1625	1617	1333	1525	10.89	cps
Uranium	238-1	6902	5768	5810	6160	10.44	cps
Vanadium	51-2	543	453	503	500	9.02	cps
Yttrium	89-1	9953389	9986701	9947966	9962685	0.21	cps
Yttrium	89-2	1164775	1164412	1158312	1162499	0.31	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:07:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12385	12349	12185	12306	0.87	cps
Zirconium	90-1	4518	4217	3817	4184	8.40	cps
Zirconium	91-1	983	908	792	895	10.80	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 13:50:58 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44434	44233	42670	43779	2.21	cps
Antimony	121-1	2458071	2454218	2433504	2448598	0.54	cps
Arsenic	75-2	58262	57197	56972	57477	1.20	cps
Barium	135-1	297947	293101	290186	293745	1.33	cps
Barium	137-1	523305	520117	515518	519647	0.75	cps
Beryllium	9-1	209673	208942	206712	208442	0.74	cps
Bismuth	209-1	14083159	14183003	14077324	14114495	0.42	cps
Bismuth	209-2	6730481	6634189	6645543	6670071	0.79	cps
Boron	10-1	194750	194586	198975	196103	1.27	cps
Boron	11-1	907073	933131	937351	925852	1.77	cps
Cadmium	111-1	391277	385611	382869	386586	1.11	cps
Cadmium	106-1	82918	80940	81031	81630	1.37	cps
Cadmium	108-1	49131	48792	48241	48721	0.92	cps
Calcium	43-1	65789	67973	65127	66297	2.25	cps
Calcium	44-1	1059378	1050931	1027718	1046009	1.57	cps
Chromium	52-2	281520	273465	274951	276645	1.55	cps
Cobalt	59-2	487791	481378	480173	483114	0.85	cps
Copper	63-2	357482	354849	348903	353745	1.24	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	27	23	43	31	34.44	cps
Erbium	164-1	167	167	117	150	19.24	cps
Erbium	164-2	107	87	110	101	12.48	cps
Gadolinium	160-1	83	100	100	94	10.19	cps
Gadolinium	160-2	193	200	177	190	6.33	cps
Holmium	165-1	19725078	19658064	19337974	19573705	1.06	cps
Holmium	165-2	8256801	8176166	8164219	8199062	0.61	cps
Indium	115-1	12826902	12721516	12585947	12711455	0.95	cps
Indium	115-2	1905110	1889978	1882033	1892374	0.62	cps
Iron	56-2	2532616	2504435	2483979	2507010	0.97	cps
Iron	57-2	64358	62750	61613	62907	2.19	cps
Krypton	83-1	2470	2347	2297	2371	3.76	cps
Lead	206-1	2738776	2699897	2685112	2707928	1.02	cps
Lead	207-1	2394110	2380079	2347246	2373812	1.01	cps
Lead	208-1	10930743	10894568	10763855	10863055	0.81	cps
Lithium	6-1	3376506	3358687	3308862	3348019	1.05	cps
Magnesium	24-2	282587	277982	272103	277557	1.89	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 13:50:58 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	163055	160224	158035	160438	1.57	cps
Molybdenum	94-1	11279477	11166323	11041104	11162301	1.07	cps
Molybdenum	95-1	14137340	14180609	13945076	14087675	0.89	cps
Molybdenum	96-1	15698319	15730710	15505879	15644969	0.78	cps
Molybdenum	97-1	8971872	8899505	8837809	8903062	0.75	cps
Molybdenum	98-1	23201886	23111781	23026548	23113405	0.38	cps
Neodymium	150-1	20	33	33	29	26.65	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	129933	129213	127763	128970	0.86	cps
Phosphorus	31-2	50	75	92	72	29.04	cps
Potassium	39-2	347903	341812	339807	343174	1.23	cps
Rhodium	103-1	11128826	10985780	11015395	11043334	0.68	cps
Rhodium	103-2	4992243	4953034	4909150	4951476	0.84	cps
Scandium	45-1	6489680	6382009	6324560	6398750	1.31	cps
Scandium	45-2	251031	245602	244962	247198	1.35	cps
Selenium	77-2	1863	1660	1760	1761	5.77	cps
Selenium	78-2	5701	5770	5753	5741	0.62	cps
Selenium	82-1	50174	50163	49931	50089	0.27	cps
Silicon	28-1	136393	138191	143389	139324	2.61	cps
Silver	109-1	1407882	1412984	1402141	1407669	0.39	cps
Silver	107-1	1492528	1486647	1452493	1477223	1.46	cps
Sodium	23-2	889219	876808	874900	880309	0.88	cps
Strontium	86-1	1682704	1661022	1651782	1665169	0.95	cps
Strontium	88-1	14658242	14650359	14583104	14630568	0.28	cps
Sulfur	34-1	414443	407558	402401	408134	1.48	cps
Terbium	159-1	19813527	19485761	19393934	19564407	1.13	cps
Terbium	159-2	7919210	7869614	7870174	7886332	0.36	cps
Thallium	203-1	3365330	3354611	3299328	3339756	1.06	cps
Thallium	205-1	8145014	8139076	8016844	8100312	0.89	cps
Thorium	232-1	27675067	27604852	27638465	27639462	0.13	cps
Tin	118-1	5341693	5304492	5254763	5300316	0.82	cps
Titanium	47-1	3607945	3555789	3531806	3565180	1.09	cps
Uranium	238-1	31121309	31089647	31014336	31075097	0.18	cps
Vanadium	51-2	210245	208389	209076	209237	0.45	cps
Yttrium	89-1	11900556	11903411	11762009	11855325	0.68	cps
Yttrium	89-2	1350165	1328266	1322398	1333610	1.10	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 13:50:58	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	119135	117081	118006	118074	0.87	cps
Zirconium	90-1	8715293	8699821	8578392	8664502	0.87	cps
Zirconium	91-1	1941040	1912823	1908663	1920842	0.92	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1934	2075	2084	2031	4.15	cps
Antimony	121-1	25658	26560	27386	26534	3.26	cps
Arsenic	75-2	300	317	306	307	2.76	cps
Barium	135-1	31102	32105	31111	31439	1.83	cps
Barium	137-1	54876	54758	55847	55160	1.08	cps
Beryllium	9-1	2464	2540	2490	2498	1.56	cps
Bismuth	209-1	14296801	14393463	14300279	14330181	0.38	cps
Bismuth	209-2	6987846	6900832	6970475	6953051	0.66	cps
Boron	10-1	12314	12823	12948	12695	2.64	cps
Boron	11-1	59920	60807	62346	61024	2.01	cps
Cadmium	111-1	7608	7529	7619	7585	0.65	cps
Cadmium	106-1	5710	5551	5751	5671	1.86	cps
Cadmium	108-1	342	308	308	319	6.03	cps
Calcium	43-1	16376	16093	16259	16243	0.88	cps
Calcium	44-1	273317	269122	269559	270666	0.85	cps
Chromium	52-2	6785	6685	6858	6776	1.28	cps
Cobalt	59-2	5481	5424	5538	5481	1.03	cps
Copper	63-2	9210	8759	8889	8953	2.59	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	10	10	23	14	53.28	cps
Erbium	164-1	117	67	75	86	31.11	cps
Erbium	164-2	60	50	47	52	13.28	cps
Gadolinium	160-1	108	100	83	97	13.09	cps
Gadolinium	160-2	190	187	243	207	15.39	cps
Holmium	165-1	19920841	19927479	19919376	19922565	0.02	cps
Holmium	165-2	8614007	8519954	8545318	8559760	0.57	cps
Indium	115-1	13395094	13399634	13420479	13405069	0.10	cps
Indium	115-2	2040924	2056223	2072207	2056451	0.76	cps
Iron	56-2	150451	150882	152045	151126	0.55	cps
Iron	57-2	3701	3956	3567	3741	5.28	cps
Krypton	83-1	2364	2550	2560	2491	4.45	cps
Lead	206-1	15243	14953	15571	15255	2.02	cps
Lead	207-1	13774	13151	13357	13428	2.36	cps
Lead	208-1	60427	60528	60432	60462	0.09	cps
Lithium	6-1	3575099	3593187	3601509	3589932	0.38	cps
Magnesium	24-2	133658	133969	136087	134571	0.98	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1924	1964	1937	1941	1.05	cps
Molybdenum	94-1	24505	24622	23537	24221	2.46	cps
Molybdenum	95-1	30016	30592	30091	30233	1.04	cps
Molybdenum	96-1	34635	33081	34133	33950	2.34	cps
Molybdenum	97-1	19614	19798	19806	19739	0.55	cps
Molybdenum	98-1	49320	50357	51201	50293	1.87	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1650	1570	1703	1641	4.09	cps
Phosphorus	31-2	333	292	275	300	10.01	cps
Potassium	39-2	104861	106018	106707	105862	0.88	cps
Rhodium	103-1	11639633	11755123	11638454	11677737	0.57	cps
Rhodium	103-2	5302746	5285142	5326708	5304865	0.39	cps
Scandium	45-1	6868356	6846515	6850367	6855079	0.17	cps
Scandium	45-2	268936	266740	270083	268587	0.63	cps
Selenium	77-2	30	70	53	51	39.31	cps
Selenium	78-2	174	183	226	194	14.22	cps
Selenium	82-1	1551	1450	1461	1487	3.70	cps
Silicon	28-1	151644	153766	150373	151928	1.13	cps
Silver	109-1	13582	14249	13307	13713	3.53	cps
Silver	107-1	14158	14349	13916	14141	1.54	cps
Sodium	23-2	256339	260498	259325	258720	0.83	cps
Strontium	86-1	7694	7094	7802	7530	5.07	cps
Strontium	88-1	32379	33055	33055	32830	1.19	cps
Sulfur	34-1	458068	461392	460157	459872	0.37	cps
Terbium	159-1	20262461	20162785	20143008	20189418	0.32	cps
Terbium	159-2	8328886	8287520	8312194	8309533	0.25	cps
Thallium	203-1	18155	18380	17412	17982	2.82	cps
Thallium	205-1	43448	42402	42644	42831	1.28	cps
Thorium	232-1	60462	59156	60395	60004	1.23	cps
Tin	118-1	58481	58991	57552	58341	1.25	cps
Titanium	47-1	7552	7727	8078	7786	3.44	cps
Uranium	238-1	60626	61848	62753	61742	1.73	cps
Vanadium	51-2	12442	12512	12532	12495	0.38	cps
Yttrium	89-1	12366847	12508648	12454046	12443181	0.57	cps
Yttrium	89-2	1425115	1442993	1446124	1438077	0.79	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:04:27	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1580	1583	1647	1603	2.34	cps
Zirconium	90-1	18963	19263	19831	19353	2.28	cps
Zirconium	91-1	4142	4101	4134	4126	0.53	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	325	350	392	356	9.47	cps
Arsenic	75-2	7	4	6	6	33.38	cps
Barium	135-1	25	42	58	42	40.00	cps
Barium	137-1	67	25	58	50	44.10	cps
Beryllium	9-1	110	97	103	103	6.45	cps
Bismuth	209-1	14360656	14541625	14375143	14425808	0.70	cps
Bismuth	209-2	6980314	6964738	6915671	6953574	0.49	cps
Boron	10-1	3117	2992	2984	3031	2.47	cps
Boron	11-1	14624	14099	13790	14171	2.98	cps
Cadmium	111-1	3895	4112	3818	3942	3.86	cps
Cadmium	106-1	5510	5843	5451	5601	3.77	cps
Cadmium	108-1	17	17	50	28	69.27	cps
Calcium	43-1	58	58	92	69	27.71	cps
Calcium	44-1	5910	5526	5643	5693	3.45	cps
Chromium	52-2	507	443	427	459	9.20	cps
Cobalt	59-2	37	53	70	53	31.25	cps
Copper	63-2	1170	1067	997	1078	8.09	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	50	83	108	81	36.33	cps
Erbium	164-2	37	60	70	56	30.79	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	210	220	220	217	2.66	cps
Holmium	165-1	19897923	20217992	19980812	20032242	0.83	cps
Holmium	165-2	8577692	8584091	8649472	8603752	0.46	cps
Indium	115-1	13361911	13489551	13378643	13410035	0.52	cps
Indium	115-2	2067854	2060159	2076199	2068071	0.39	cps
Iron	56-2	1895	1722	1861	1826	5.00	cps
Iron	57-2	50	39	83	57	40.29	cps
Krypton	83-1	2414	2457	2450	2440	0.96	cps
Lead	206-1	1361	1283	1300	1315	3.11	cps
Lead	207-1	1400	1350	1339	1363	2.39	cps
Lead	208-1	4912	5001	4812	4908	1.93	cps
Lithium	6-1	3592450	3626557	3564798	3594602	0.86	cps
Magnesium	24-2	225	200	200	208	6.93	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:08:04 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	30	23	24.74	cps
Molybdenum	94-1	608	733	717	686	9.89	cps
Molybdenum	95-1	400	475	475	450	9.62	cps
Molybdenum	96-1	567	592	675	611	9.28	cps
Molybdenum	97-1	267	375	225	289	26.80	cps
Molybdenum	98-1	700	700	600	667	8.66	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	197	160	143	167	16.37	cps
Phosphorus	31-2	92	108	67	89	23.59	cps
Potassium	39-2	12247	12514	12606	12456	1.50	cps
Rhodium	103-1	11691233	11752783	11727555	11723857	0.26	cps
Rhodium	103-2	5328435	5320562	5362531	5337176	0.42	cps
Scandium	45-1	6861012	6871274	6842480	6858255	0.21	cps
Scandium	45-2	272311	268116	270283	270237	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	26	22	24	7.71	cps
Selenium	82-1	139	17	-9	49	161.18	cps
Silicon	28-1	91455	90885	90817	91052	0.38	cps
Silver	109-1	183	100	108	131	35.15	cps
Silver	107-1	150	175	175	167	8.66	cps
Sodium	23-2	12739	13181	13623	13181	3.35	cps
Strontium	86-1	4151	3859	4001	4003	3.65	cps
Strontium	88-1	275	250	233	253	8.29	cps
Sulfur	34-1	464705	462942	471247	466298	0.94	cps
Terbium	159-1	20042135	20138818	20098926	20093293	0.24	cps
Terbium	159-2	8352220	8374870	8329994	8352361	0.27	cps
Thallium	203-1	1300	1208	1142	1217	6.53	cps
Thallium	205-1	2400	2425	2450	2425	1.03	cps
Thorium	232-1	3301	3212	3617	3376	6.31	cps
Tin	118-1	833	900	1033	922	11.04	cps
Titanium	47-1	133	92	125	117	18.90	cps
Uranium	238-1	3059	3359	2759	3059	9.81	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	12417438	12558324	12417293	12464351	0.65	cps
Yttrium	89-2	1444750	1440897	1444904	1443517	0.16	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	313	300	297	6.26	cps
Zirconium	90-1	1017	1325	1242	1195	13.35	cps
Zirconium	91-1	233	258	300	264	12.76	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:11:41 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8085145	8155535	8030745	8090475	0.77	cps
Antimony	121-1	13315	13474	14224	13671	3.55	cps
Arsenic	75-2	87	109	115	104	14.17	cps
Barium	135-1	3867	4568	4393	4276	8.52	cps
Barium	137-1	7752	7828	8011	7864	1.69	cps
Beryllium	9-1	723	613	703	680	8.62	cps
Bismuth	209-1	12486758	12407772	12540725	12478418	0.54	cps
Bismuth	209-2	5798983	5883377	5852648	5845003	0.73	cps
Boron	10-1	2367	2075	2392	2278	7.73	cps
Boron	11-1	11872	11321	11213	11469	3.08	cps
Cadmium	111-1	6267	6311	6238	6272	0.59	cps
Cadmium	106-1	4634	4468	4884	4662	4.50	cps
Cadmium	108-1	5547	5472	5660	5560	1.70	cps
Calcium	43-1	2835645	2830279	2843661	2836528	0.24	cps
Calcium	44-1	46184746	46190542	46658265	46344517	0.59	cps
Chromium	52-2	58074	59305	58024	58468	1.24	cps
Cobalt	59-2	5464	5618	5534	5539	1.39	cps
Copper	63-2	25823	26407	26260	26164	1.16	cps
Dysprosium	156-1	125	67	42	78	54.98	cps
Dysprosium	156-2	30	23	40	31	26.97	cps
Erbium	164-1	142	125	108	125	13.33	cps
Erbium	164-2	60	87	80	76	18.37	cps
Gadolinium	160-1	150	133	233	172	31.11	cps
Gadolinium	160-2	257	183	203	214	17.68	cps
Holmium	165-1	18620208	18664458	18712504	18665723	0.25	cps
Holmium	165-2	7852174	7924138	7818349	7864887	0.69	cps
Indium	115-1	11621051	11559833	11537047	11572644	0.38	cps
Indium	115-2	1753609	1750117	1736313	1746680	0.52	cps
Iron	56-2	239185500	240422044	238339116	239315553	0.44	cps
Iron	57-2	5893997	5893343	5873043	5886794	0.20	cps
Krypton	83-1	2200	2210	2170	2194	0.95	cps
Lead	206-1	62910	63038	63456	63135	0.45	cps
Lead	207-1	50926	50167	50848	50647	0.82	cps
Lead	208-1	238325	239292	240525	239381	0.46	cps
Lithium	6-1	3012824	2977013	2984255	2991364	0.63	cps
Magnesium	24-2	22271101	22401152	22067569	22246607	0.76	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:11:41 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13763	13787	13840	13797	0.29	cps
Molybdenum	94-1	5754625	5748422	5745650	5749566	0.08	cps
Molybdenum	95-1	10260930	10118777	10146167	10175291	0.74	cps
Molybdenum	96-1	10889201	10864068	10844533	10865934	0.21	cps
Molybdenum	97-1	6389578	6422305	6391402	6401095	0.29	cps
Molybdenum	98-1	16559833	16632794	16605473	16599367	0.22	cps
Neodymium	150-1	47	80	87	71	30.13	cps
Neodymium	150-2	40	23	33	32	26.04	cps
Nickel	60-2	7892	8229	7776	7966	2.96	cps
Phosphorus	31-2	402211	405572	400173	402652	0.68	cps
Potassium	39-2	16061327	16150869	15998275	16070157	0.48	cps
Rhodium	103-1	9467686	9539455	9547575	9518238	0.46	cps
Rhodium	103-2	4338823	4366973	4384876	4363557	0.53	cps
Scandium	45-1	5881255	5849165	5854223	5861548	0.29	cps
Scandium	45-2	230790	233898	230585	231758	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	19	19	22	28.86	cps
Selenium	82-1	-111	-156	-119	-129	-18.41	cps
Silicon	28-1	216849	216149	213841	215613	0.73	cps
Silver	109-1	442	583	633	553	17.99	cps
Silver	107-1	567	500	625	564	11.09	cps
Sodium	23-2	42565258	42998157	42363814	42642410	0.76	cps
Strontium	86-1	118686	115428	118317	117477	1.52	cps
Strontium	88-1	998677	988795	1000785	996086	0.64	cps
Sulfur	34-1	4355310	4365976	4404316	4375201	0.59	cps
Terbium	159-1	18542540	18508957	18655273	18568923	0.41	cps
Terbium	159-2	7547714	7606164	7556508	7570129	0.42	cps
Thallium	203-1	2367	2792	3017	2725	12.11	cps
Thallium	205-1	5043	5726	5910	5560	8.22	cps
Thorium	232-1	4373	4290	4423	4362	1.54	cps
Tin	118-1	2509	2484	2692	2561	4.44	cps
Titanium	47-1	2613509	2572957	2573690	2586719	0.90	cps
Uranium	238-1	4101	4059	4234	4131	2.21	cps
Vanadium	51-2	370	367	303	347	10.84	cps
Yttrium	89-1	10974864	10944716	10971755	10963779	0.15	cps
Yttrium	89-2	1245763	1261644	1255964	1254457	0.64	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:11:41	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6311	6622	6635	6523	2.81	cps
Zirconium	90-1	1792	2075	1967	1945	7.35	cps
Zirconium	91-1	325	333	425	361	15.36	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8129663	8211410	8063085	8134719	0.91	cps
Antimony	121-1	254013	253757	251159	252976	0.62	cps
Arsenic	75-2	5347	5303	5355	5335	0.53	cps
Barium	135-1	63824	61679	60767	62090	2.53	cps
Barium	137-1	111824	108271	110351	110149	1.62	cps
Beryllium	9-1	39819	40250	39849	39973	0.60	cps
Bismuth	209-1	12625489	12796407	12653872	12691923	0.72	cps
Bismuth	209-2	5843471	5815784	5876582	5845279	0.52	cps
Boron	10-1	21500	21716	21424	21547	0.70	cps
Boron	11-1	103470	100282	103941	102564	1.94	cps
Cadmium	111-1	74349	74188	73757	74098	0.41	cps
Cadmium	106-1	15184	15184	15259	15209	0.29	cps
Cadmium	108-1	12005	11555	11359	11640	2.85	cps
Calcium	43-1	2927439	2930946	2893831	2917406	0.70	cps
Calcium	44-1	47860218	47731827	47683043	47758363	0.19	cps
Chromium	52-2	113025	112256	109647	111643	1.59	cps
Cobalt	59-2	96850	96884	96945	96893	0.05	cps
Copper	63-2	91903	91356	91682	91647	0.30	cps
Dysprosium	156-1	50	58	67	58	14.29	cps
Dysprosium	156-2	60	60	17	46	54.91	cps
Erbium	164-1	150	142	125	139	9.16	cps
Erbium	164-2	80	77	63	73	12.03	cps
Gadolinium	160-1	167	150	133	150	11.11	cps
Gadolinium	160-2	190	137	210	179	21.19	cps
Holmium	165-1	19220475	19040380	19209612	19156822	0.53	cps
Holmium	165-2	7911394	7903954	7888991	7901446	0.14	cps
Indium	115-1	11934500	11982048	11978528	11965025	0.22	cps
Indium	115-2	1751435	1745640	1749548	1748874	0.17	cps
Iron	56-2	241014678	240888028	240330633	240744446	0.15	cps
Iron	57-2	5946370	5961173	5887496	5931680	0.66	cps
Krypton	83-1	2114	2247	2214	2191	3.17	cps
Lead	206-1	325476	326960	327483	326640	0.32	cps
Lead	207-1	274076	275323	274237	274545	0.25	cps
Lead	208-1	1272127	1275640	1271356	1273041	0.18	cps
Lithium	6-1	3060728	3071294	3057205	3063076	0.24	cps
Magnesium	24-2	22240687	22320619	22433200	22331502	0.43	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45724	45778	44798	45433	1.21	cps
Molybdenum	94-1	6441032	6387572	6406808	6411804	0.42	cps
Molybdenum	95-1	10772847	10726708	10668434	10722663	0.49	cps
Molybdenum	96-1	11475990	11380749	11465946	11440895	0.46	cps
Molybdenum	97-1	6770431	6700605	6724871	6731969	0.53	cps
Molybdenum	98-1	17664852	17575147	17520745	17586915	0.41	cps
Neodymium	150-1	67	87	80	78	13.09	cps
Neodymium	150-2	23	20	33	26	27.15	cps
Nickel	60-2	31364	31618	31310	31431	0.52	cps
Phosphorus	31-2	401600	406503	401429	403178	0.71	cps
Potassium	39-2	16243999	16139343	16109803	16164382	0.44	cps
Rhodium	103-1	9820851	9818693	9794020	9811188	0.15	cps
Rhodium	103-2	4383201	4350825	4330175	4354734	0.61	cps
Scandium	45-1	6088643	6101430	6011693	6067255	0.80	cps
Scandium	45-2	233406	232948	231091	232482	0.53	cps
Selenium	77-2	153	157	183	164	10.00	cps
Selenium	78-2	530	552	565	549	3.24	cps
Selenium	82-1	4504	4388	4231	4374	3.13	cps
Silicon	28-1	528884	524316	529915	527705	0.56	cps
Silver	109-1	269506	268733	264600	267613	0.99	cps
Silver	107-1	276903	276416	281368	278229	0.98	cps
Sodium	23-2	42486610	42956172	42740511	42727764	0.55	cps
Strontium	86-1	299561	303870	303266	302232	0.77	cps
Strontium	88-1	2635631	2641139	2630161	2635644	0.21	cps
Sulfur	34-1	4528973	4500768	4520325	4516689	0.32	cps
Terbium	159-1	19107684	19185881	18989006	19094190	0.52	cps
Terbium	159-2	7613699	7606124	7527005	7582276	0.63	cps
Thallium	203-1	323372	316978	319761	320037	1.00	cps
Thallium	205-1	781899	779383	777009	779430	0.31	cps
Thorium	232-1	40458	37316	35755	37843	6.33	cps
Tin	118-1	540965	543465	543438	542622	0.26	cps
Titanium	47-1	2743810	2734771	2712264	2730281	0.60	cps
Uranium	238-1	3156118	3167886	3176291	3166765	0.32	cps
Vanadium	51-2	41231	41335	41756	41440	0.67	cps
Yttrium	89-1	11272411	11348748	11315358	11312172	0.34	cps
Yttrium	89-2	1259763	1251039	1240457	1250420	0.77	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:15:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17681	17567	17671	17640	0.36	cps
Zirconium	90-1	962444	954811	957352	958203	0.41	cps
Zirconium	91-1	216370	211963	214510	214281	1.03	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCV74 Instrumnet Name : P7
 Client Sample ID : CCV74 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:18:57 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4368302	4362271	4428958	4386510	0.84	cps
Antimony	121-1	5657361	5613393	5631356	5634037	0.39	cps
Arsenic	75-2	130613	131646	131658	131306	0.46	cps
Barium	135-1	6804285	6815682	6773751	6797906	0.32	cps
Barium	137-1	11952214	11947027	11844766	11914669	0.51	cps
Beryllium	9-1	912182	912674	913607	912821	0.08	cps
Bismuth	209-1	11796509	11803377	11755146	11785011	0.22	cps
Bismuth	209-2	5420332	5478684	5531887	5476968	1.02	cps
Boron	10-1	162431	165683	163912	164009	0.99	cps
Boron	11-1	773529	785206	788252	782329	0.99	cps
Cadmium	111-1	1707051	1696359	1706541	1703317	0.35	cps
Cadmium	106-1	192525	194431	193335	193431	0.49	cps
Cadmium	108-1	134446	132495	133757	133566	0.74	cps
Calcium	43-1	6663409	6655011	6653434	6657284	0.08	cps
Calcium	44-1	109338711	108685452	109110736	109044966	0.30	cps
Chromium	52-2	1315516	1317207	1320421	1317714	0.19	cps
Cobalt	59-2	2152723	2158511	2179558	2163597	0.65	cps
Copper	63-2	3344220	3355403	3378893	3359505	0.53	cps
Dysprosium	156-1	167	158	225	183	19.81	cps
Dysprosium	156-2	127	143	143	138	6.99	cps
Erbium	164-1	83	92	108	94	13.48	cps
Erbium	164-2	77	73	97	82	15.35	cps
Gadolinium	160-1	175	125	208	169	24.75	cps
Gadolinium	160-2	197	220	220	212	6.35	cps
Holmium	165-1	18157611	17997528	18068458	18074532	0.44	cps
Holmium	165-2	7516131	7556234	7612634	7561666	0.64	cps
Indium	115-1	10947231	11002948	11026405	10992195	0.37	cps
Indium	115-2	1643519	1653179	1668719	1655139	0.77	cps
Iron	56-2	281481101	281483517	282490029	281818216	0.21	cps
Iron	57-2	6870115	6951550	6991234	6937633	0.89	cps
Krypton	83-1	2277	2094	2110	2160	4.69	cps
Lead	206-1	5986961	5996361	5932310	5971877	0.58	cps
Lead	207-1	5328802	5338948	5297377	5321709	0.41	cps
Lead	208-1	24404250	24459338	24237130	24366906	0.47	cps
Lithium	6-1	2855838	2848880	2854114	2852944	0.13	cps
Magnesium	24-2	51751322	51864197	52642893	52086137	0.93	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:18:57	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1501154	1518848	1528641	1516214	0.92	cps
Molybdenum	94-1	10595551	10615766	10621210	10610843	0.13	cps
Molybdenum	95-1	13391200	13430314	13325310	13382275	0.40	cps
Molybdenum	96-1	14868930	14894811	14874032	14879258	0.09	cps
Molybdenum	97-1	8470366	8466244	8443222	8459944	0.17	cps
Molybdenum	98-1	22044605	21981452	22052124	22026060	0.18	cps
Neodymium	150-1	627	640	600	622	3.27	cps
Neodymium	150-2	103	73	73	83	20.79	cps
Nickel	60-2	556948	563054	568157	562720	1.00	cps
Phosphorus	31-2	38609	39136	39495	39080	1.14	cps
Potassium	39-2	19333771	19365661	19610622	19436685	0.78	cps
Rhodium	103-1	8985940	9067722	9000599	9018087	0.48	cps
Rhodium	103-2	4082664	4061314	4089842	4077940	0.36	cps
Scandium	45-1	5712893	5726059	5664777	5701243	0.57	cps
Scandium	45-2	223768	224687	227697	225384	0.91	cps
Selenium	77-2	3510	3594	3667	3591	2.18	cps
Selenium	78-2	12079	12131	12126	12112	0.24	cps
Selenium	82-1	104446	103662	104422	104177	0.43	cps
Silicon	28-1	3168186	3277018	3294577	3246594	2.11	cps
Silver	109-1	7000333	6952223	6978242	6976933	0.35	cps
Silver	107-1	7232774	7275751	7221153	7243226	0.40	cps
Sodium	23-2	99456244	100180729	101579363	100405445	1.07	cps
Strontium	86-1	1588168	1588179	1591232	1589193	0.11	cps
Strontium	88-1	14071523	14109424	14003090	14061346	0.38	cps
Sulfur	34-1	891240	888032	887386	888886	0.23	cps
Terbium	159-1	17991071	18068988	17918481	17992847	0.42	cps
Terbium	159-2	7212168	7275127	7274419	7253905	0.50	cps
Thallium	203-1	7405445	7426420	7417580	7416482	0.14	cps
Thallium	205-1	17972725	18012156	17838214	17941032	0.51	cps
Thorium	232-1	28742163	28670610	28348585	28587119	0.73	cps
Tin	118-1	4818465	4790546	4784439	4797817	0.38	cps
Titanium	47-1	3070888	3060068	3040739	3057232	0.50	cps
Uranium	238-1	28685995	28757404	28694274	28712558	0.14	cps
Vanadium	51-2	996556	995752	1003064	998457	0.40	cps
Yttrium	89-1	10583427	10565933	10564922	10571427	0.10	cps
Yttrium	89-2	1201004	1203190	1217298	1207164	0.73	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:18:57	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	505019	508480	511598	508366	0.65	cps
Zirconium	90-1	8316533	8325353	8386129	8342672	0.45	cps
Zirconium	91-1	1846735	1837378	1844669	1842927	0.27	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059	2067	2125	2084	1.74	cps
Antimony	121-1	26242	26943	26735	26640	1.35	cps
Arsenic	75-2	315	359	333	336	6.65	cps
Barium	135-1	31879	31904	32522	32102	1.13	cps
Barium	137-1	54274	55470	55830	55191	1.48	cps
Beryllium	9-1	2524	2450	2350	2441	3.56	cps
Bismuth	209-1	14496013	14258333	14277574	14343973	0.92	cps
Bismuth	209-2	6853600	6911809	7032398	6932602	1.32	cps
Boron	10-1	11722	12714	12197	12211	4.07	cps
Boron	11-1	57092	56323	58514	57310	1.94	cps
Cadmium	111-1	7787	7894	7720	7800	1.12	cps
Cadmium	106-1	5943	6093	5676	5904	3.58	cps
Cadmium	108-1	350	317	279	315	11.24	cps
Calcium	43-1	16785	15968	16051	16268	2.77	cps
Calcium	44-1	270785	267546	266325	268219	0.86	cps
Chromium	52-2	6688	6675	6632	6665	0.44	cps
Cobalt	59-2	5444	5411	5388	5414	0.53	cps
Copper	63-2	9003	9130	9436	9190	2.43	cps
Dysprosium	156-1	42	33	17	31	41.65	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	58	108	100	89	30.13	cps
Erbium	164-2	40	60	77	59	31.18	cps
Gadolinium	160-1	100	150	100	117	24.74	cps
Gadolinium	160-2	200	227	220	216	6.44	cps
Holmium	165-1	20055420	19863907	19916791	19945372	0.50	cps
Holmium	165-2	8497360	8640451	8681420	8606410	1.12	cps
Indium	115-1	13463485	13238690	13309219	13337131	0.86	cps
Indium	115-2	2020454	2040803	2048273	2036510	0.71	cps
Iron	56-2	150300	151142	153309	151584	1.02	cps
Iron	57-2	3790	4006	3667	3821	4.49	cps
Krypton	83-1	2510	2397	2444	2450	2.32	cps
Lead	206-1	15393	15676	15409	15493	1.03	cps
Lead	207-1	13891	14041	14047	13993	0.63	cps
Lead	208-1	63517	62146	62809	62824	1.09	cps
Lithium	6-1	3553656	3553266	3544115	3550346	0.15	cps
Magnesium	24-2	133859	134869	134493	134407	0.38	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1957	2060	1944	1987	3.21	cps
Molybdenum	94-1	23653	24972	24388	24338	2.72	cps
Molybdenum	95-1	30867	31603	30517	30996	1.79	cps
Molybdenum	96-1	34384	33933	33975	34097	0.73	cps
Molybdenum	97-1	19280	18972	19139	19130	0.81	cps
Molybdenum	98-1	49755	48977	49680	49470	0.87	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	1523	1570	1600	1565	2.47	cps
Phosphorus	31-2	375	317	358	350	8.58	cps
Potassium	39-2	106700	108596	108192	107829	0.93	cps
Rhodium	103-1	11539556	11565111	11527901	11544189	0.16	cps
Rhodium	103-2	5250886	5299276	5308592	5286251	0.59	cps
Scandium	45-1	6824004	6814651	6790752	6809802	0.25	cps
Scandium	45-2	266349	271117	269964	269143	0.92	cps
Selenium	77-2	40	50	57	49	17.16	cps
Selenium	78-2	176	148	209	178	17.21	cps
Selenium	82-1	1284	1390	1327	1334	3.99	cps
Silicon	28-1	150282	150028	148234	149515	0.75	cps
Silver	109-1	14859	14408	14016	14427	2.92	cps
Silver	107-1	16418	15626	15092	15712	4.25	cps
Sodium	23-2	265694	270006	268961	268220	0.84	cps
Strontium	86-1	8003	7744	7877	7875	1.64	cps
Strontium	88-1	32062	32304	32680	32348	0.96	cps
Sulfur	34-1	472991	471747	478818	474519	0.80	cps
Terbium	159-1	19969585	20060012	20076283	20035293	0.29	cps
Terbium	159-2	8246168	8291090	8332166	8289808	0.52	cps
Thallium	203-1	18655	17813	18238	18235	2.31	cps
Thallium	205-1	42360	43648	43899	43303	1.91	cps
Thorium	232-1	59340	58720	57806	58622	1.32	cps
Tin	118-1	57318	57310	59000	57876	1.68	cps
Titanium	47-1	6985	7969	7819	7591	6.98	cps
Uranium	238-1	61580	60894	60910	61128	0.64	cps
Vanadium	51-2	12155	12355	12626	12379	1.91	cps
Yttrium	89-1	12412088	12293382	12371137	12358869	0.49	cps
Yttrium	89-2	1416655	1429483	1436832	1427657	0.72	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:32:14	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1640	1613	1740	1665	4.01	cps
Zirconium	90-1	19689	19080	18629	19133	2.78	cps
Zirconium	91-1	4251	4017	4134	4134	2.82	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:35:50	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	42	31	41.65	cps
Antimony	121-1	333	483	467	428	19.22	cps
Arsenic	75-2	0	0	6	2	173.21	cps
Barium	135-1	50	75	33	53	39.74	cps
Barium	137-1	83	25	33	47	66.82	cps
Beryllium	9-1	127	87	130	114	21.07	cps
Bismuth	209-1	14415945	14382832	14404598	14401125	0.12	cps
Bismuth	209-2	6983933	6912985	6942668	6946528	0.51	cps
Boron	10-1	2592	2642	2500	2578	2.79	cps
Boron	11-1	13281	12356	11330	12322	7.92	cps
Cadmium	111-1	4125	4183	3984	4097	2.50	cps
Cadmium	106-1	5851	5927	5585	5788	3.10	cps
Cadmium	108-1	42	4	13	19	101.26	cps
Calcium	43-1	100	117	117	111	8.66	cps
Calcium	44-1	5643	5785	5860	5762	1.91	cps
Chromium	52-2	450	417	470	446	6.05	cps
Cobalt	59-2	43	53	57	51	13.58	cps
Copper	63-2	1097	1070	1120	1096	2.28	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	142	75	125	114	30.46	cps
Erbium	164-2	63	60	57	60	5.55	cps
Gadolinium	160-1	133	108	92	111	18.88	cps
Gadolinium	160-2	187	160	190	179	9.19	cps
Holmium	165-1	20021935	20107000	19990048	20039661	0.30	cps
Holmium	165-2	8621416	8565616	8574948	8587326	0.35	cps
Indium	115-1	13423819	13400879	13425653	13416784	0.10	cps
Indium	115-2	2049956	2026559	2045657	2040724	0.61	cps
Iron	56-2	2222	2339	2495	2352	5.81	cps
Iron	57-2	50	83	117	83	40.00	cps
Krypton	83-1	2490	2457	2324	2424	3.64	cps
Lead	206-1	1989	1761	2156	1969	10.06	cps
Lead	207-1	1784	1834	1845	1821	1.79	cps
Lead	208-1	7596	7195	7695	7495	3.53	cps
Lithium	6-1	3560947	3567147	3555290	3561128	0.17	cps
Magnesium	24-2	392	417	350	386	8.72	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P7
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:35:50 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	20	20	23	24.74	cps
Molybdenum	94-1	508	533	592	544	7.85	cps
Molybdenum	95-1	275	292	267	278	4.58	cps
Molybdenum	96-1	492	458	583	511	12.66	cps
Molybdenum	97-1	300	217	283	267	16.54	cps
Molybdenum	98-1	442	633	550	542	17.74	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	190	153	133	159	18.09	cps
Phosphorus	31-2	75	58	92	75	22.22	cps
Potassium	39-2	15117	14900	14733	14916	1.29	cps
Rhodium	103-1	11710636	11776349	11625432	11704139	0.65	cps
Rhodium	103-2	5312020	5250295	5305663	5289326	0.64	cps
Scandium	45-1	6882098	6895281	6852658	6876679	0.32	cps
Scandium	45-2	269281	269015	269361	269219	0.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	6	26	19	60.81	cps
Selenium	82-1	-18	-63	67	-5	-1360.21	cps
Silicon	28-1	88311	89686	91706	89901	1.90	cps
Silver	109-1	225	158	158	181	21.32	cps
Silver	107-1	233	392	308	311	25.46	cps
Sodium	23-2	21466	20581	20448	20832	2.66	cps
Strontium	86-1	4101	3684	3667	3817	6.43	cps
Strontium	88-1	75	183	92	117	50.00	cps
Sulfur	34-1	478320	477108	474994	476807	0.35	cps
Terbium	159-1	20102361	20156501	20142840	20133900	0.14	cps
Terbium	159-2	8367028	8275753	8300737	8314506	0.57	cps
Thallium	203-1	1242	1292	1183	1239	4.38	cps
Thallium	205-1	2584	2792	2417	2598	7.24	cps
Thorium	232-1	2828	2684	2989	2834	5.40	cps
Tin	118-1	1033	1017	1075	1042	2.89	cps
Titanium	47-1	58	67	108	78	34.44	cps
Uranium	238-1	2825	2642	2942	2803	5.40	cps
Vanadium	51-2	0	10	3	4	114.60	cps
Yttrium	89-1	12440954	12410349	12450084	12433796	0.17	cps
Yttrium	89-2	1446213	1422406	1443397	1437339	0.91	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:35:50	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	287	267	270	274	3.91	cps
Zirconium	90-1	1258	1342	1217	1272	5.00	cps
Zirconium	91-1	200	142	208	183	19.81	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2042	1817	1992	1950	6.06	cps
Antimony	121-1	25616	25582	25198	25466	0.91	cps
Arsenic	75-2	298	304	319	307	3.43	cps
Barium	135-1	31795	32289	31177	31754	1.75	cps
Barium	137-1	54349	54039	53839	54076	0.48	cps
Beryllium	9-1	2360	2447	2267	2358	3.82	cps
Bismuth	209-1	14261239	14537372	14286540	14361717	1.06	cps
Bismuth	209-2	6932854	6889101	6950539	6924165	0.46	cps
Boron	10-1	11455	11305	11105	11288	1.56	cps
Boron	11-1	54407	53036	55185	54210	2.01	cps
Cadmium	111-1	7953	8045	7694	7897	2.30	cps
Cadmium	106-1	6102	6277	5868	6082	3.37	cps
Cadmium	108-1	325	321	288	311	6.61	cps
Calcium	43-1	16318	16418	16502	16413	0.56	cps
Calcium	44-1	269481	272862	267598	269980	0.99	cps
Chromium	52-2	6632	6582	6618	6610	0.39	cps
Cobalt	59-2	5364	5641	5334	5447	3.11	cps
Copper	63-2	8956	9123	8946	9008	1.10	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	13	20	13	16	24.76	cps
Erbium	164-1	83	58	50	64	27.15	cps
Erbium	164-2	70	53	67	63	13.93	cps
Gadolinium	160-1	100	142	100	114	21.12	cps
Gadolinium	160-2	197	207	183	196	5.99	cps
Holmium	165-1	19860466	20296535	19764373	19973791	1.42	cps
Holmium	165-2	8530192	8476856	8590196	8532415	0.66	cps
Indium	115-1	13459398	13814157	13273644	13515733	2.03	cps
Indium	115-2	2036724	2036202	2050808	2041245	0.41	cps
Iron	56-2	150114	151001	149508	150208	0.50	cps
Iron	57-2	3951	3917	3773	3880	2.44	cps
Krypton	83-1	2430	2430	2310	2390	2.90	cps
Lead	206-1	15710	15059	14770	15179	3.17	cps
Lead	207-1	13741	13407	13858	13669	1.71	cps
Lead	208-1	61356	59982	61179	60839	1.23	cps
Lithium	6-1	3544222	3648611	3519807	3570880	1.92	cps
Magnesium	24-2	134498	133768	136231	134832	0.94	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2014	1883	1890	1929	3.80	cps
Molybdenum	94-1	23453	23545	24088	23696	1.45	cps
Molybdenum	95-1	30150	30918	29732	30266	1.99	cps
Molybdenum	96-1	33173	33215	32689	33025	0.89	cps
Molybdenum	97-1	18821	18079	17987	18296	2.50	cps
Molybdenum	98-1	49579	49470	49269	49439	0.32	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	1793	1630	1660	1695	5.13	cps
Phosphorus	31-2	392	342	350	361	7.42	cps
Potassium	39-2	105775	107950	107781	107169	1.13	cps
Rhodium	103-1	11514787	11933145	11645408	11697780	1.83	cps
Rhodium	103-2	5263013	5274499	5325258	5287590	0.63	cps
Scandium	45-1	6834020	6974689	6825135	6877948	1.22	cps
Scandium	45-2	267528	268606	269223	268452	0.32	cps
Selenium	77-2	67	40	53	53	25.00	cps
Selenium	78-2	193	181	174	183	5.10	cps
Selenium	82-1	1448	1405	1540	1464	4.70	cps
Silicon	28-1	148816	148219	149860	148965	0.56	cps
Silver	109-1	12731	12723	12981	12812	1.15	cps
Silver	107-1	13207	13123	13082	13137	0.48	cps
Sodium	23-2	264121	262125	260823	262356	0.63	cps
Strontium	86-1	7694	7511	8003	7736	3.21	cps
Strontium	88-1	32237	32095	31277	31870	1.63	cps
Sulfur	34-1	482477	482928	487135	484180	0.53	cps
Terbium	159-1	19790305	20507433	19861247	20052995	1.97	cps
Terbium	159-2	8242808	8249285	8311066	8267720	0.46	cps
Thallium	203-1	17896	17779	17988	17888	0.58	cps
Thallium	205-1	42285	42327	42110	42240	0.27	cps
Thorium	232-1	55831	57270	57476	56859	1.58	cps
Tin	118-1	57803	57410	57577	57597	0.34	cps
Titanium	47-1	7269	7686	7077	7344	4.24	cps
Uranium	238-1	60734	59721	60919	60458	1.07	cps
Vanadium	51-2	12295	12422	12659	12459	1.48	cps
Yttrium	89-1	12474266	12721057	12400408	12531910	1.34	cps
Yttrium	89-2	1426781	1429245	1438075	1431367	0.41	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:39:27	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1697	1643	1697	1679	1.83	cps
Zirconium	90-1	18471	19147	19022	18880	1.90	cps
Zirconium	91-1	4126	4368	4259	4251	2.85	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:47:33 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	542	525	533	1.56	cps
Antimony	121-1	3142	3384	3317	3281	3.81	cps
Arsenic	75-2	85	59	78	74	18.03	cps
Barium	135-1	3909	4009	4117	4012	2.60	cps
Barium	137-1	6727	6619	6719	6688	0.90	cps
Beryllium	9-1	697	637	783	706	10.45	cps
Bismuth	209-1	14318445	14443971	14428703	14397040	0.48	cps
Bismuth	209-2	7079532	7046583	7049870	7058661	0.26	cps
Boron	10-1	2059	2675	2375	2370	13.02	cps
Boron	11-1	10637	10846	11271	10918	2.96	cps
Cadmium	111-1	4762	4846	4836	4814	0.95	cps
Cadmium	106-1	5601	5568	5635	5601	0.60	cps
Cadmium	108-1	67	63	96	75	24.22	cps
Calcium	43-1	992	925	858	925	7.21	cps
Calcium	44-1	18954	19647	18771	19124	2.42	cps
Chromium	52-2	1187	1277	1237	1233	3.66	cps
Cobalt	59-2	1410	1560	1423	1465	5.67	cps
Copper	63-2	3190	2994	3150	3111	3.34	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	20	30	20	23	24.74	cps
Erbium	164-1	75	92	83	83	10.00	cps
Erbium	164-2	53	93	57	68	32.75	cps
Gadolinium	160-1	58	100	92	83	26.45	cps
Gadolinium	160-2	200	187	173	187	7.14	cps
Holmium	165-1	20119049	20150009	20328468	20199175	0.56	cps
Holmium	165-2	8722957	8716715	8734743	8724805	0.10	cps
Indium	115-1	13658931	13604414	13634428	13632591	0.20	cps
Indium	115-2	2103447	2077567	2086769	2089261	0.63	cps
Iron	56-2	37214	36902	36847	36988	0.54	cps
Iron	57-2	945	917	1017	959	5.38	cps
Krypton	83-1	2317	2417	2540	2425	4.61	cps
Lead	206-1	4579	4840	4990	4803	4.33	cps
Lead	207-1	4373	4423	4167	4321	3.14	cps
Lead	208-1	19206	19384	18917	19169	1.23	cps
Lithium	6-1	3671799	3665329	3677994	3671707	0.17	cps
Magnesium	24-2	6960	6602	6693	6752	2.76	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-03 Instrumnet Name : P7
 Client Sample ID : MDL-MDL-SOIL-03-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:47:33 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	933	1070	1007	1003	6.82	cps
Molybdenum	94-1	6577	6585	6418	6527	1.44	cps
Molybdenum	95-1	8078	7711	7903	7897	2.32	cps
Molybdenum	96-1	8536	8603	9103	8748	3.54	cps
Molybdenum	97-1	4926	4784	5001	4904	2.24	cps
Molybdenum	98-1	12639	12765	12489	12631	1.09	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	543	467	523	511	7.78	cps
Phosphorus	31-2	142	100	142	128	18.83	cps
Potassium	39-2	15926	15792	16193	15970	1.28	cps
Rhodium	103-1	11833572	11766831	12007130	11869178	1.05	cps
Rhodium	103-2	5389995	5387523	5382350	5386622	0.07	cps
Scandium	45-1	7018501	6994426	6959301	6990743	0.43	cps
Scandium	45-2	274068	271769	275418	273752	0.67	cps
Selenium	77-2	3	3	30	12	126.01	cps
Selenium	78-2	107	81	106	98	14.74	cps
Selenium	82-1	785	583	390	586	33.71	cps
Silicon	28-1	93266	92788	90934	92329	1.33	cps
Silver	109-1	4476	4026	4309	4270	5.33	cps
Silver	107-1	4609	4634	4259	4501	4.66	cps
Sodium	23-2	29104	28820	30123	29349	2.33	cps
Strontium	86-1	5009	5243	4784	5012	4.57	cps
Strontium	88-1	8778	8445	8028	8417	4.47	cps
Sulfur	34-1	479059	484813	480955	481609	0.61	cps
Terbium	159-1	20153814	20266343	20148321	20189492	0.33	cps
Terbium	159-2	8461093	8341420	8438143	8413552	0.75	cps
Thallium	203-1	5385	5610	5235	5410	3.49	cps
Thallium	205-1	12523	12281	12056	12287	1.90	cps
Thorium	232-1	16138	16110	15693	15981	1.56	cps
Tin	118-1	3609	3542	3517	3556	1.33	cps
Titanium	47-1	1975	1800	1825	1867	5.07	cps
Uranium	238-1	17596	17871	17187	17551	1.96	cps
Vanadium	51-2	573	547	660	593	9.99	cps
Yttrium	89-1	12709866	12686439	12711820	12702709	0.11	cps
Yttrium	89-2	1463609	1466497	1457439	1462515	0.32	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-03	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-SOIL-03-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:47:33	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	637	677	617	643	4.75	cps
Zirconium	90-1	5526	5184	4984	5232	5.24	cps
Zirconium	91-1	1175	1225	1100	1167	5.39	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:51:10 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1717	1642	1667	1675	2.28	cps
Antimony	121-1	10187	9504	10196	9962	3.99	cps
Arsenic	75-2	235	259	272	256	7.35	cps
Barium	135-1	12514	11772	11605	11964	4.05	cps
Barium	137-1	20508	21100	22010	21206	3.57	cps
Beryllium	9-1	1787	2050	1937	1925	6.86	cps
Bismuth	209-1	14732577	14744852	14783638	14753689	0.18	cps
Bismuth	209-2	7168955	7154275	7099493	7140908	0.51	cps
Boron	10-1	1683	1658	1633	1658	1.51	cps
Boron	11-1	7744	7836	7677	7752	1.03	cps
Cadmium	111-1	7117	7049	7151	7106	0.73	cps
Cadmium	106-1	6152	5960	6285	6132	2.67	cps
Cadmium	108-1	300	254	267	274	8.66	cps
Calcium	43-1	2600	2884	2609	2698	5.98	cps
Calcium	44-1	49058	48739	48673	48824	0.42	cps
Chromium	52-2	2944	2917	2860	2907	1.46	cps
Cobalt	59-2	4334	4524	4341	4400	2.45	cps
Copper	63-2	7292	7339	7529	7386	1.70	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	10	17	30	19	53.91	cps
Erbium	164-1	83	67	17	56	62.45	cps
Erbium	164-2	47	53	43	48	10.66	cps
Gadolinium	160-1	142	92	50	94	48.60	cps
Gadolinium	160-2	190	243	197	210	13.84	cps
Holmium	165-1	20386033	20575804	20701029	20554288	0.77	cps
Holmium	165-2	8921568	8858710	8809240	8863173	0.64	cps
Indium	115-1	13952870	13935903	13961197	13949990	0.09	cps
Indium	115-2	2124030	2115659	2129029	2122906	0.32	cps
Iron	56-2	111179	113553	110699	111810	1.37	cps
Iron	57-2	2839	2739	2634	2737	3.76	cps
Krypton	83-1	2537	2320	2477	2445	4.58	cps
Lead	206-1	11972	12028	11806	11935	0.97	cps
Lead	207-1	11288	10794	10749	10944	2.74	cps
Lead	208-1	48624	48241	48208	48358	0.48	cps
Lithium	6-1	3781806	3749513	3748771	3760030	0.50	cps
Magnesium	24-2	20590	20990	20348	20643	1.57	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:51:10 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2914	2947	3040	2967	2.21	cps
Molybdenum	94-1	19122	19397	19481	19333	0.97	cps
Molybdenum	95-1	24380	24622	23795	24266	1.75	cps
Molybdenum	96-1	26142	26150	26609	26300	1.02	cps
Molybdenum	97-1	15167	15000	14525	14897	2.24	cps
Molybdenum	98-1	40182	39564	37501	39082	3.59	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	1247	1307	1390	1315	5.48	cps
Phosphorus	31-2	150	150	192	164	14.68	cps
Potassium	39-2	20891	21208	20932	21010	0.82	cps
Rhodium	103-1	12143396	12107461	12156243	12135700	0.21	cps
Rhodium	103-2	5507041	5492077	5481875	5493664	0.23	cps
Scandium	45-1	7163006	7148481	7143850	7151779	0.14	cps
Scandium	45-2	279592	280348	278772	279571	0.28	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	35	48	31	38	22.87	cps
Selenium	82-1	226	391	237	285	32.40	cps
Silicon	28-1	95504	96846	95227	95859	0.90	cps
Silver	109-1	13340	13565	13006	13304	2.11	cps
Silver	107-1	13924	13082	13240	13415	3.34	cps
Sodium	23-2	54458	54098	53680	54079	0.72	cps
Strontium	86-1	7319	7194	7094	7202	1.57	cps
Strontium	88-1	25449	25048	25148	25215	0.83	cps
Sulfur	34-1	487186	479966	483264	483472	0.75	cps
Terbium	159-1	20849573	20626661	20708095	20728110	0.54	cps
Terbium	159-2	8599382	8528664	8502542	8543529	0.59	cps
Thallium	203-1	13949	14024	14242	14072	1.08	cps
Thallium	205-1	33184	33067	33510	33254	0.69	cps
Thorium	232-1	43941	43216	42915	43358	1.22	cps
Tin	118-1	9053	9303	9796	9384	4.02	cps
Titanium	47-1	5851	6218	5876	5982	3.43	cps
Uranium	238-1	48015	48382	46358	47585	2.27	cps
Vanadium	51-2	1763	1863	1863	1830	3.15	cps
Yttrium	89-1	12968541	12983938	13025941	12992807	0.23	cps
Yttrium	89-2	1501345	1492869	1486909	1493708	0.49	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:51:10	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1497	1493	1427	1472	2.68	cps
Zirconium	90-1	15059	14066	14249	14458	3.65	cps
Zirconium	91-1	3242	3317	3192	3251	1.94	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:54:46	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	625	592	606	2.86	cps
Antimony	121-1	3142	3301	3509	3317	5.54	cps
Arsenic	75-2	70	80	72	74	6.62	cps
Barium	135-1	3634	3676	3917	3742	4.09	cps
Barium	137-1	6827	7086	6777	6896	2.40	cps
Beryllium	9-1	687	737	793	739	7.22	cps
Bismuth	209-1	14515871	14566181	14481236	14521096	0.29	cps
Bismuth	209-2	7102280	7051730	6507139	6887050	4.79	cps
Boron	10-1	1967	2109	2167	2081	4.94	cps
Boron	11-1	9270	9345	9670	9428	2.26	cps
Cadmium	111-1	5356	5096	5189	5213	2.53	cps
Cadmium	106-1	6352	5843	6035	6077	4.23	cps
Cadmium	108-1	129	88	117	111	19.24	cps
Calcium	43-1	933	942	908	928	1.87	cps
Calcium	44-1	19672	19489	19914	19692	1.08	cps
Chromium	52-2	1257	1247	1263	1256	0.67	cps
Cobalt	59-2	1433	1373	1537	1448	5.71	cps
Copper	63-2	2784	3150	3190	3041	7.37	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	27	23	20	23	14.29	cps
Erbium	164-1	117	42	75	78	48.31	cps
Erbium	164-2	57	33	57	49	27.56	cps
Gadolinium	160-1	100	167	67	111	45.83	cps
Gadolinium	160-2	167	177	200	181	9.45	cps
Holmium	165-1	20127249	20222288	20228058	20192532	0.28	cps
Holmium	165-2	8810826	8676800	8107710	8531779	4.38	cps
Indium	115-1	13811503	13861539	13803728	13825590	0.23	cps
Indium	115-2	2103675	2093840	1945562	2047692	4.33	cps
Iron	56-2	37415	37270	37966	37550	0.98	cps
Iron	57-2	961	967	956	961	0.58	cps
Krypton	83-1	2620	2747	2417	2595	6.42	cps
Lead	206-1	4790	4745	4929	4821	1.98	cps
Lead	207-1	4673	4351	4484	4503	3.60	cps
Lead	208-1	19345	19212	18961	19173	1.02	cps
Lithium	6-1	3747847	3741016	3740031	3742965	0.11	cps
Magnesium	24-2	6960	7010	6877	6949	0.97	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:54:46	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	873	1047	1007	976	9.30	cps
Molybdenum	94-1	6543	6402	6218	6388	2.55	cps
Molybdenum	95-1	8520	7344	7886	7916	7.43	cps
Molybdenum	96-1	8553	8995	8903	8817	2.65	cps
Molybdenum	97-1	5034	5210	4809	5018	4.00	cps
Molybdenum	98-1	12881	13432	12364	12892	4.14	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	543	483	493	507	6.34	cps
Phosphorus	31-2	108	175	50	111	56.29	cps
Potassium	39-2	16168	16326	15892	16129	1.36	cps
Rhodium	103-1	12044428	12145101	12051263	12080264	0.47	cps
Rhodium	103-2	5438917	5408933	5036176	5294675	4.24	cps
Scandium	45-1	7149459	7118531	7055463	7107818	0.67	cps
Scandium	45-2	277427	280194	256742	271454	4.72	cps
Selenium	77-2	50	30	13	31	59.02	cps
Selenium	78-2	83	94	87	88	6.41	cps
Selenium	82-1	441	321	624	462	33.03	cps
Silicon	28-1	94447	93776	92233	93486	1.21	cps
Silver	109-1	4334	4634	3884	4284	8.82	cps
Silver	107-1	4334	4443	4259	4345	2.12	cps
Sodium	23-2	27292	28820	28637	28250	2.95	cps
Strontium	86-1	4876	5218	4976	5023	3.50	cps
Strontium	88-1	8361	8378	8144	8294	1.57	cps
Sulfur	34-1	487768	492025	484668	488154	0.76	cps
Terbium	159-1	20334341	20590122	20428113	20450859	0.63	cps
Terbium	159-2	8465027	8400704	7762124	8209285	4.73	cps
Thallium	203-1	5443	5376	5018	5279	4.33	cps
Thallium	205-1	11939	11864	11922	11909	0.33	cps
Thorium	232-1	16539	15782	16311	16210	2.39	cps
Tin	118-1	3784	3734	3842	3787	1.43	cps
Titanium	47-1	1892	1950	1875	1906	2.07	cps
Uranium	238-1	17179	16887	17087	17051	0.88	cps
Vanadium	51-2	570	653	690	638	9.64	cps
Yttrium	89-1	12935114	12894387	12815887	12881796	0.47	cps
Yttrium	89-2	1484750	1467099	1365972	1439274	4.45	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:54:46	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	633	597	630	620	3.27	cps
Zirconium	90-1	5693	5485	5426	5535	2.53	cps
Zirconium	91-1	1408	1142	1167	1239	11.89	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:58:22 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1492	1608	1475	1525	4.76	cps
Antimony	121-1	9387	9404	9804	9531	2.48	cps
Arsenic	75-2	224	239	287	250	13.17	cps
Barium	135-1	11972	12047	11914	11978	0.56	cps
Barium	137-1	21192	21317	20691	21067	1.57	cps
Beryllium	9-1	1937	1843	1984	1921	3.71	cps
Bismuth	209-1	14757126	14773909	14769371	14766802	0.06	cps
Bismuth	209-2	7120352	7198105	7134100	7150852	0.58	cps
Boron	10-1	1617	1667	1717	1667	3.00	cps
Boron	11-1	7327	6677	6969	6991	4.66	cps
Cadmium	111-1	7366	7417	7267	7350	1.04	cps
Cadmium	106-1	6452	6610	6152	6405	3.64	cps
Cadmium	108-1	304	271	242	272	11.49	cps
Calcium	43-1	2475	2850	2692	2673	7.05	cps
Calcium	44-1	50211	49919	47602	49244	2.90	cps
Chromium	52-2	2904	2840	2990	2911	2.59	cps
Cobalt	59-2	4457	4361	4347	4389	1.37	cps
Copper	63-2	7302	7492	7355	7383	1.33	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	50	58	83	64	27.15	cps
Erbium	164-2	63	70	77	70	9.53	cps
Gadolinium	160-1	92	125	67	94	30.99	cps
Gadolinium	160-2	190	250	230	223	13.68	cps
Holmium	165-1	20605201	20505607	20497052	20535953	0.29	cps
Holmium	165-2	8841643	8936649	8856387	8878226	0.58	cps
Indium	115-1	14056230	14039228	13956467	14017309	0.38	cps
Indium	115-2	2135871	2147476	2132185	2138511	0.37	cps
Iron	56-2	112253	111291	110883	111476	0.63	cps
Iron	57-2	2811	2711	2673	2732	2.62	cps
Krypton	83-1	2667	2574	2607	2616	1.81	cps
Lead	206-1	11700	11339	11989	11676	2.79	cps
Lead	207-1	10304	10093	10749	10382	3.23	cps
Lead	208-1	47062	46895	48430	47462	1.77	cps
Lithium	6-1	3810269	3786004	3807689	3801321	0.35	cps
Magnesium	24-2	21149	20832	19956	20646	2.99	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 14:58:22 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2924	2884	2954	2920	1.20	cps
Molybdenum	94-1	19272	18930	17837	18679	4.01	cps
Molybdenum	95-1	24004	24672	24054	24244	1.53	cps
Molybdenum	96-1	26935	26258	26692	26628	1.29	cps
Molybdenum	97-1	15718	14917	14750	15128	3.42	cps
Molybdenum	98-1	39339	39974	40400	39904	1.34	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	23	7	11	96.43	cps
Nickel	60-2	1340	1247	1230	1272	4.66	cps
Phosphorus	31-2	217	175	150	181	18.65	cps
Potassium	39-2	20632	20673	20974	20760	0.90	cps
Rhodium	103-1	12342756	12230911	12267647	12280438	0.46	cps
Rhodium	103-2	5561114	5536411	5503893	5533806	0.52	cps
Scandium	45-1	7252092	7249763	7233048	7244968	0.14	cps
Scandium	45-2	283196	281888	284352	283145	0.44	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	54	52	50	52	3.57	cps
Selenium	82-1	42	151	211	135	63.55	cps
Silicon	28-1	93944	94280	94498	94241	0.30	cps
Silver	109-1	12823	13398	12514	12912	3.48	cps
Silver	107-1	13340	13440	13073	13285	1.43	cps
Sodium	23-2	53914	52535	52902	53117	1.35	cps
Strontium	86-1	7202	7177	7319	7233	1.05	cps
Strontium	88-1	24756	26091	24697	25181	3.13	cps
Sulfur	34-1	496848	496461	494585	495965	0.24	cps
Terbium	159-1	20676326	20802842	20733231	20737466	0.31	cps
Terbium	159-2	8583716	8635763	8585094	8601525	0.34	cps
Thallium	203-1	13508	13899	13407	13605	1.91	cps
Thallium	205-1	33785	32633	33276	33231	1.74	cps
Thorium	232-1	44303	42436	41845	42861	2.99	cps
Tin	118-1	9779	9796	9237	9604	3.31	cps
Titanium	47-1	5460	6152	5760	5790	5.99	cps
Uranium	238-1	47780	46376	46543	46900	1.64	cps
Vanadium	51-2	1743	1823	1830	1799	2.68	cps
Yttrium	89-1	13130106	13094443	13058569	13094372	0.27	cps
Yttrium	89-2	1502447	1512356	1493423	1502742	0.63	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 14:58:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1497	1653	1567	1572	4.99	cps
Zirconium	90-1	14842	14800	15034	14892	0.84	cps
Zirconium	91-1	3159	3292	3109	3187	2.97	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:01:58 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	558	558	625	18.47	cps
Antimony	121-1	3459	3025	3075	3187	7.44	cps
Arsenic	75-2	59	65	81	69	16.88	cps
Barium	135-1	4067	4051	3951	4023	1.57	cps
Barium	137-1	7352	6694	6644	6896	5.74	cps
Beryllium	9-1	697	703	587	662	9.89	cps
Bismuth	209-1	14543881	14614064	14596729	14584891	0.25	cps
Bismuth	209-2	7107209	7047338	7059353	7071300	0.45	cps
Boron	10-1	1892	1867	1809	1856	2.30	cps
Boron	11-1	9262	8986	8953	9067	1.87	cps
Cadmium	111-1	5101	4979	4836	4972	2.67	cps
Cadmium	106-1	6093	5685	5743	5840	3.78	cps
Cadmium	108-1	92	108	67	89	23.59	cps
Calcium	43-1	875	967	1100	981	11.54	cps
Calcium	44-1	19280	20014	19455	19583	1.96	cps
Chromium	52-2	1380	1287	1167	1278	8.37	cps
Cobalt	59-2	1410	1523	1430	1455	4.16	cps
Copper	63-2	3004	3130	3117	3084	2.26	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	87	47	47	60	38.49	cps
Gadolinium	160-1	83	117	133	111	22.91	cps
Gadolinium	160-2	163	243	143	183	28.86	cps
Holmium	165-1	20270243	20407390	20484109	20387247	0.53	cps
Holmium	165-2	8880344	8766390	8774515	8807083	0.72	cps
Indium	115-1	13807901	13794657	13954563	13852374	0.64	cps
Indium	115-2	2127954	2116939	2122425	2122439	0.26	cps
Iron	56-2	36858	36780	38183	37274	2.12	cps
Iron	57-2	933	1045	967	982	5.81	cps
Krypton	83-1	2634	2657	2577	2623	1.57	cps
Lead	206-1	4807	4612	4884	4768	2.94	cps
Lead	207-1	4445	4390	4518	4451	1.44	cps
Lead	208-1	18934	19095	18750	18926	0.91	cps
Lithium	6-1	3772064	3754541	3751216	3759274	0.30	cps
Magnesium	24-2	7235	6969	6543	6916	5.05	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-09RE Instrumnet Name : P7
 Client Sample ID : MDL-MDL-WATER-03-Q Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:01:58 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1033	940	1087	1020	7.28	cps
Molybdenum	94-1	6493	6343	6477	6438	1.28	cps
Molybdenum	95-1	7736	7936	7644	7772	1.92	cps
Molybdenum	96-1	8845	8353	8395	8531	3.20	cps
Molybdenum	97-1	5068	4643	4926	4879	4.44	cps
Molybdenum	98-1	13006	13307	12623	12979	2.64	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	520	530	480	510	5.19	cps
Phosphorus	31-2	133	117	183	144	24.02	cps
Potassium	39-2	16168	16118	15959	16082	0.68	cps
Rhodium	103-1	12144402	12166758	12130633	12147264	0.15	cps
Rhodium	103-2	5487910	5484819	5510635	5494455	0.26	cps
Scandium	45-1	7209663	7132238	7197331	7179744	0.58	cps
Scandium	45-2	283243	283419	279476	282046	0.79	cps
Selenium	77-2	23	30	13	22	37.76	cps
Selenium	78-2	106	94	98	99	5.69	cps
Selenium	82-1	400	367	485	417	14.62	cps
Silicon	28-1	95420	94691	94909	95007	0.39	cps
Silver	109-1	4318	3992	4042	4117	4.25	cps
Silver	107-1	4551	4734	4142	4476	6.77	cps
Sodium	23-2	27042	26950	27134	27042	0.34	cps
Strontium	86-1	5268	5235	5193	5232	0.72	cps
Strontium	88-1	8286	8269	8319	8292	0.31	cps
Sulfur	34-1	495706	484313	488906	489641	1.17	cps
Terbium	159-1	20479231	20479546	20542165	20500314	0.18	cps
Terbium	159-2	8609954	8499121	8530046	8546374	0.67	cps
Thallium	203-1	4868	5218	5451	5179	5.67	cps
Thallium	205-1	12006	11872	11906	11928	0.58	cps
Thorium	232-1	16310	15910	16110	16110	1.24	cps
Tin	118-1	3551	3351	3267	3389	4.30	cps
Titanium	47-1	1884	2117	2100	2034	6.40	cps
Uranium	238-1	17045	16720	17421	17062	2.05	cps
Vanadium	51-2	623	647	603	624	3.47	cps
Yttrium	89-1	12897139	12900358	12988808	12928768	0.40	cps
Yttrium	89-2	1495545	1477329	1489418	1487431	0.62	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-09RE	Instrumnet Name :	P7
Client Sample ID :	MDL-MDL-WATER-03-Q	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:01:58	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	653	687	587	642	7.93	cps
Zirconium	90-1	5610	5310	5468	5462	2.75	cps
Zirconium	91-1	1175	1392	1225	1264	8.98	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:05:35 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1775	1350	1606	14.03	cps
Antimony	121-1	10513	9629	10212	10118	4.44	cps
Arsenic	75-2	256	252	261	256	1.82	cps
Barium	135-1	12056	11931	12298	12095	1.54	cps
Barium	137-1	20950	21993	22319	21754	3.29	cps
Beryllium	9-1	1897	1927	2094	1972	5.37	cps
Bismuth	209-1	14992531	14873886	14976811	14947743	0.43	cps
Bismuth	209-2	7267292	7212516	7104356	7194721	1.15	cps
Boron	10-1	1292	1325	1483	1367	7.49	cps
Boron	11-1	6160	5918	6760	6279	6.90	cps
Cadmium	111-1	7606	7595	7106	7436	3.84	cps
Cadmium	106-1	6593	6560	5993	6382	5.29	cps
Cadmium	108-1	204	229	229	221	6.54	cps
Calcium	43-1	3059	2517	2759	2778	9.77	cps
Calcium	44-1	50102	49526	49802	49810	0.58	cps
Chromium	52-2	2877	3030	2940	2949	2.61	cps
Cobalt	59-2	4534	4607	4427	4523	2.00	cps
Copper	63-2	7562	7432	7535	7510	0.91	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	20	27	17	21	24.12	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	60	63	50	58	12.01	cps
Gadolinium	160-1	108	58	100	89	30.13	cps
Gadolinium	160-2	207	223	173	201	12.66	cps
Holmium	165-1	20957585	20619807	20958029	20845140	0.94	cps
Holmium	165-2	8981093	8939310	8847642	8922682	0.77	cps
Indium	115-1	14199166	14019465	14214420	14144350	0.77	cps
Indium	115-2	2136543	2157573	2144789	2146302	0.49	cps
Iron	56-2	114095	113630	113435	113720	0.30	cps
Iron	57-2	2873	2456	3095	2808	11.55	cps
Krypton	83-1	2724	2437	2614	2591	5.58	cps
Lead	206-1	11906	12345	11922	12058	2.07	cps
Lead	207-1	10727	10999	10760	10829	1.37	cps
Lead	208-1	48475	48374	47584	48144	1.01	cps
Lithium	6-1	3867465	3835284	3875732	3859494	0.55	cps
Magnesium	24-2	20673	20439	21575	20896	2.87	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:05:35 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2994	2954	3070	3006	1.97	cps
Molybdenum	94-1	19464	19472	19673	19536	0.60	cps
Molybdenum	95-1	24422	24706	24939	24689	1.05	cps
Molybdenum	96-1	25899	26542	26384	26275	1.27	cps
Molybdenum	97-1	15134	14833	15067	15011	1.05	cps
Molybdenum	98-1	39614	40726	39381	39907	1.80	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	1250	1237	1370	1286	5.71	cps
Phosphorus	31-2	100	125	133	119	14.53	cps
Potassium	39-2	20248	20757	20682	20562	1.34	cps
Rhodium	103-1	12329097	12542937	12460704	12444246	0.87	cps
Rhodium	103-2	5558996	5560661	5558949	5559535	0.02	cps
Scandium	45-1	7379231	7316190	7373688	7356370	0.47	cps
Scandium	45-2	286423	285287	286715	286142	0.26	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	56	56	53	8.06	cps
Selenium	82-1	12	378	141	177	104.71	cps
Silicon	28-1	98053	96770	96519	97114	0.85	cps
Silver	109-1	13724	12998	13782	13501	3.24	cps
Silver	107-1	14058	13424	13390	13624	2.76	cps
Sodium	23-2	53170	53362	52409	52980	0.95	cps
Strontium	86-1	7202	7235	7069	7169	1.23	cps
Strontium	88-1	26517	25382	25966	25955	2.19	cps
Sulfur	34-1	491402	489919	493552	491624	0.37	cps
Terbium	159-1	21037172	20953798	21032572	21007847	0.22	cps
Terbium	159-2	8649931	8661871	8607732	8639845	0.33	cps
Thallium	203-1	14125	13107	14408	13880	4.93	cps
Thallium	205-1	34170	32583	33084	33279	2.44	cps
Thorium	232-1	44833	43624	43110	43856	2.02	cps
Tin	118-1	9745	9420	9479	9548	1.82	cps
Titanium	47-1	6060	5751	5918	5910	2.61	cps
Uranium	238-1	48232	47320	48876	48143	1.62	cps
Vanadium	51-2	1873	1923	1827	1875	2.58	cps
Yttrium	89-1	13382131	13080302	13347023	13269819	1.24	cps
Yttrium	89-2	1517157	1523313	1518693	1519721	0.21	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	K3591-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:05:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1510	1607	1537	1551	3.22	cps
Zirconium	90-1	14892	14391	14500	14594	1.80	cps
Zirconium	91-1	3534	3192	3200	3309	5.89	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123505BL Instrumnet Name : P7
 Client Sample ID : PB123505BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:09:12 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	92	17	47	83.40	cps
Antimony	121-1	108	108	183	133	32.47	cps
Arsenic	75-2	4	7	2	4	65.54	cps
Barium	135-1	75	50	17	47	61.97	cps
Barium	137-1	42	17	33	31	41.66	cps
Beryllium	9-1	100	113	93	102	9.97	cps
Bismuth	209-1	14529524	14440522	14576646	14515564	0.48	cps
Bismuth	209-2	7150686	7095425	7111758	7119290	0.40	cps
Boron	10-1	850	942	917	903	5.25	cps
Boron	11-1	4609	4609	4734	4651	1.55	cps
Cadmium	111-1	4022	3860	3913	3932	2.10	cps
Cadmium	106-1	5693	5485	5593	5590	1.86	cps
Cadmium	108-1	25	13	21	19	32.73	cps
Calcium	43-1	133	125	75	111	28.40	cps
Calcium	44-1	5768	5818	5393	5660	4.11	cps
Chromium	52-2	477	520	467	488	5.81	cps
Cobalt	59-2	57	70	50	59	17.29	cps
Copper	63-2	1180	1067	1157	1135	5.28	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	20	33	10	21	55.45	cps
Erbium	164-1	117	92	67	92	27.27	cps
Erbium	164-2	63	63	57	61	6.29	cps
Gadolinium	160-1	75	108	125	103	24.77	cps
Gadolinium	160-2	240	160	187	196	20.83	cps
Holmium	165-1	20258185	20108923	20300184	20222430	0.50	cps
Holmium	165-2	8836544	8777265	8801573	8805127	0.34	cps
Indium	115-1	13899004	13798812	13956503	13884773	0.57	cps
Indium	115-2	2125037	2127355	2130121	2127504	0.12	cps
Iron	56-2	1733	1789	1739	1754	1.75	cps
Iron	57-2	67	72	28	56	43.59	cps
Krypton	83-1	2797	2477	2397	2557	8.28	cps
Lead	206-1	1167	1306	1306	1259	6.37	cps
Lead	207-1	1178	1211	1317	1235	5.87	cps
Lead	208-1	4361	4956	4978	4765	7.34	cps
Lithium	6-1	3775581	3769590	3809625	3784932	0.57	cps
Magnesium	24-2	175	208	175	186	10.34	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BL	Instrumnet Name :	P7
Client Sample ID :	PB123505BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:09:12	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	27	20	33.35	cps
Molybdenum	94-1	583	600	500	561	9.55	cps
Molybdenum	95-1	108	108	83	100	14.43	cps
Molybdenum	96-1	233	175	142	183	25.30	cps
Molybdenum	97-1	42	42	92	58	49.48	cps
Molybdenum	98-1	217	125	200	181	27.04	cps
Neodymium	150-1	13	20	33	22	45.85	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	153	170	157	160	5.51	cps
Phosphorus	31-2	133	125	83	114	23.52	cps
Potassium	39-2	13532	13565	13206	13434	1.47	cps
Rhodium	103-1	12145114	12134159	12127259	12135511	0.07	cps
Rhodium	103-2	5519672	5546786	5540692	5535716	0.26	cps
Scandium	45-1	7288340	7172364	7174398	7211701	0.92	cps
Scandium	45-2	281471	282728	284240	282813	0.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	24	30	23	27.72	cps
Selenium	82-1	-275	-1	164	-37	-592.46	cps
Silicon	28-1	95152	92838	93702	93897	1.25	cps
Silver	109-1	50	142	42	78	71.34	cps
Silver	107-1	200	67	258	175	56.14	cps
Sodium	23-2	13657	13598	14574	13943	3.93	cps
Strontium	86-1	4226	4167	4393	4262	2.74	cps
Strontium	88-1	175	133	158	156	13.48	cps
Sulfur	34-1	496794	498855	494729	496793	0.42	cps
Terbium	159-1	20420052	20295943	20730723	20482239	1.09	cps
Terbium	159-2	8534736	8537976	8548343	8540352	0.08	cps
Thallium	203-1	967	1225	967	1053	14.17	cps
Thallium	205-1	2159	2100	2267	2175	3.89	cps
Thorium	232-1	2439	2678	2745	2621	6.13	cps
Tin	118-1	725	642	725	697	6.90	cps
Titanium	47-1	108	108	108	108	0.00	cps
Uranium	238-1	2784	2600	2734	2706	3.50	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	13008289	12924776	12955421	12962828	0.33	cps
Yttrium	89-2	1500747	1495186	1504551	1500161	0.31	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BL	Instrumnet Name :	P7
Client Sample ID :	PB123505BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:09:12	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	240	303	300	281	12.68	cps
Zirconium	90-1	1200	1033	1125	1120	7.46	cps
Zirconium	91-1	225	258	192	225	14.81	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123505BS Instrumnet Name : P7
 Client Sample ID : PB123505BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:12:48 DataFile Name : 028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	919194	908587	903292	910357	0.89	cps
Antimony	121-1	6205925	6160272	6118850	6161683	0.71	cps
Arsenic	75-2	139039	138846	139209	139031	0.13	cps
Barium	135-1	7387092	7306301	7285596	7326330	0.73	cps
Barium	137-1	12925119	12791956	12740742	12819273	0.74	cps
Beryllium	9-1	1058107	1034534	1024588	1039076	1.66	cps
Bismuth	209-1	13189822	13192176	12930144	13104047	1.15	cps
Bismuth	209-2	6128595	6049533	6081405	6086511	0.65	cps
Boron	10-1	177525	179343	180541	179136	0.85	cps
Boron	11-1	857989	849577	850732	852766	0.53	cps
Cadmium	111-1	1777609	1748035	1739654	1755099	1.14	cps
Cadmium	106-1	209309	206897	202813	206339	1.59	cps
Cadmium	108-1	140324	139171	137072	138855	1.19	cps
Calcium	43-1	1537282	1534871	1499873	1524009	1.37	cps
Calcium	44-1	25327342	24964405	24803703	25031817	1.07	cps
Chromium	52-2	1394532	1389463	1390810	1391602	0.19	cps
Cobalt	59-2	2366732	2344059	2366327	2359039	0.55	cps
Copper	63-2	3399943	3391055	3389483	3393494	0.17	cps
Dysprosium	156-1	133	125	158	139	12.49	cps
Dysprosium	156-2	123	117	120	120	2.78	cps
Erbium	164-1	117	117	117	117	0.00	cps
Erbium	164-2	73	70	80	74	6.84	cps
Gadolinium	160-1	175	167	200	181	9.61	cps
Gadolinium	160-2	173	177	253	201	22.50	cps
Holmium	165-1	19139938	19159453	18893905	19064432	0.78	cps
Holmium	165-2	8012790	7924647	7921203	7952880	0.65	cps
Indium	115-1	12237016	12084340	11977919	12099758	1.08	cps
Indium	115-2	1796835	1778725	1783957	1786506	0.52	cps
Iron	56-2	63527108	62588049	62801629	62972262	0.78	cps
Iron	57-2	1550636	1528293	1535606	1538178	0.74	cps
Krypton	83-1	2460	2120	2247	2276	7.55	cps
Lead	206-1	6721365	6453721	6637684	6604257	2.07	cps
Lead	207-1	5820232	5758317	5735507	5771352	0.76	cps
Lead	208-1	27013930	26527814	26497097	26679614	1.09	cps
Lithium	6-1	3246905	3175737	3145452	3189365	1.63	cps
Magnesium	24-2	11870302	11596632	11581755	11682896	1.39	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BS	Instrumnet Name :	P7
Client Sample ID :	PB123505BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:12:48	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1650809	1645095	1642182	1646029	0.27	cps
Molybdenum	94-1	11648307	11469150	11360766	11492741	1.26	cps
Molybdenum	95-1	14581181	14469186	14235574	14428647	1.22	cps
Molybdenum	96-1	16184219	15945340	15848698	15992752	1.08	cps
Molybdenum	97-1	9166921	9112559	9064222	9114567	0.56	cps
Molybdenum	98-1	23956606	23727966	23560540	23748371	0.84	cps
Neodymium	150-1	647	553	640	613	8.49	cps
Neodymium	150-2	63	53	60	59	8.65	cps
Nickel	60-2	617913	615657	617610	617060	0.20	cps
Phosphorus	31-2	42963	42536	43122	42873	0.71	cps
Potassium	39-2	4264837	4185217	4198347	4216134	1.01	cps
Rhodium	103-1	10392723	10321660	10117279	10277221	1.39	cps
Rhodium	103-2	4539923	4528395	4534070	4534130	0.13	cps
Scandium	45-1	6304373	6220322	6109701	6211465	1.57	cps
Scandium	45-2	240190	238838	238525	239185	0.37	cps
Selenium	77-2	3931	3914	4311	4052	5.54	cps
Selenium	78-2	13375	13289	13631	13432	1.32	cps
Selenium	82-1	118902	116982	115603	117162	1.41	cps
Silicon	28-1	3667112	3692005	3649130	3669416	0.59	cps
Silver	109-1	7425907	7412194	7327162	7388421	0.72	cps
Silver	107-1	7830272	7711348	7647624	7729748	1.20	cps
Sodium	23-2	22383356	22012665	22047104	22147708	0.92	cps
Strontium	86-1	1725774	1713380	1677350	1705501	1.47	cps
Strontium	88-1	15434544	15131063	14878732	15148113	1.84	cps
Sulfur	34-1	996516	974494	960082	977031	1.88	cps
Terbium	159-1	19230304	19005545	18770325	19002058	1.21	cps
Terbium	159-2	7725245	7650456	7633269	7669656	0.64	cps
Thallium	203-1	8133689	8074992	8069594	8092758	0.44	cps
Thallium	205-1	19630231	19315040	19417922	19454398	0.83	cps
Thorium	232-1	29510695	29571599	29218789	29433694	0.64	cps
Tin	118-1	5266142	5228493	5170322	5221652	0.92	cps
Titanium	47-1	3393427	3323915	3269481	3328941	1.87	cps
Uranium	238-1	29556457	29740032	29532318	29609602	0.38	cps
Vanadium	51-2	1071778	1061122	1064353	1065751	0.51	cps
Yttrium	89-1	11561592	11433161	11288938	11427897	1.19	cps
Yttrium	89-2	1280138	1263176	1278553	1273956	0.74	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123505BS	Instrumnet Name :	P7
Client Sample ID :	PB123505BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:12:48	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	547586	551831	550231	549883	0.39	cps
Zirconium	90-1	9047157	8941779	8853969	8947635	1.08	cps
Zirconium	91-1	1993184	1973644	1951031	1972620	1.07	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BL Instrumnet Name : P7
 Client Sample ID : PB123507BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:21:37 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	25	33	43.30	cps
Antimony	121-1	1583	1550	1734	1622	6.02	cps
Arsenic	75-2	9	6	2	6	66.68	cps
Barium	135-1	108	108	108	108	0.00	cps
Barium	137-1	150	142	75	122	33.64	cps
Beryllium	9-1	110	150	107	122	19.73	cps
Bismuth	209-1	14298488	14180894	14208204	14229196	0.43	cps
Bismuth	209-2	6852291	6833831	6891548	6859223	0.43	cps
Boron	10-1	3742	3317	3751	3603	6.88	cps
Boron	11-1	18045	17260	16626	17311	4.10	cps
Cadmium	111-1	3568	3915	3724	3736	4.65	cps
Cadmium	106-1	5001	5443	5260	5235	4.24	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	117	133	83	111	22.91	cps
Calcium	44-1	5768	5576	5510	5618	2.39	cps
Chromium	52-2	483	500	473	486	2.77	cps
Cobalt	59-2	47	57	93	66	37.48	cps
Copper	63-2	1140	997	1100	1079	6.86	cps
Dysprosium	156-1	8	8	58	25	115.49	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	53	57	73	61	17.53	cps
Gadolinium	160-1	133	108	142	128	13.57	cps
Gadolinium	160-2	180	177	197	184	5.81	cps
Holmium	165-1	19595196	19648877	19573935	19606003	0.20	cps
Holmium	165-2	8443327	8400671	8535187	8459728	0.81	cps
Indium	115-1	13175371	13076118	13215067	13155519	0.54	cps
Indium	115-2	1988464	1986012	2000945	1991807	0.40	cps
Iron	56-2	2317	2345	2334	2332	0.60	cps
Iron	57-2	78	78	89	81	7.87	cps
Krypton	83-1	2284	2340	2274	2299	1.56	cps
Lead	206-1	1339	1439	1228	1335	7.91	cps
Lead	207-1	1411	1117	1333	1287	11.86	cps
Lead	208-1	4917	4917	4867	4900	0.59	cps
Lithium	6-1	3440613	3409142	3432204	3427320	0.48	cps
Magnesium	24-2	275	400	300	325	20.35	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BL Instrumnet Name : P7
 Client Sample ID : PB123507BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:21:37 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	40	40	50	34.64	cps
Molybdenum	94-1	725	683	925	778	16.61	cps
Molybdenum	95-1	625	617	567	603	5.23	cps
Molybdenum	96-1	683	742	742	722	4.66	cps
Molybdenum	97-1	433	433	400	422	4.56	cps
Molybdenum	98-1	1150	1083	1000	1078	6.97	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	20	0	9	114.55	cps
Nickel	60-2	173	147	127	149	15.73	cps
Phosphorus	31-2	167	83	67	106	50.75	cps
Potassium	39-2	12522	12631	13198	12784	2.84	cps
Rhodium	103-1	11339299	11317366	11270500	11309055	0.31	cps
Rhodium	103-2	5166731	5143347	5203546	5171208	0.59	cps
Scandium	45-1	6656003	6607236	6599723	6620988	0.46	cps
Scandium	45-2	262338	258338	260583	260420	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	22	28	27	14.53	cps
Selenium	82-1	75	40	32	49	46.68	cps
Silicon	28-1	88703	88613	89810	89042	0.75	cps
Silver	109-1	175	100	192	156	31.39	cps
Silver	107-1	217	192	258	222	15.16	cps
Sodium	23-2	15650	16009	15350	15670	2.11	cps
Strontium	86-1	3984	4201	4109	4098	2.66	cps
Strontium	88-1	317	208	208	244	25.59	cps
Sulfur	34-1	443267	442633	442030	442643	0.14	cps
Terbium	159-1	19914746	19616926	19766918	19766197	0.75	cps
Terbium	159-2	8203961	8117799	8126551	8149437	0.58	cps
Thallium	203-1	1333	1358	1475	1389	5.44	cps
Thallium	205-1	3076	2784	2492	2784	10.48	cps
Thorium	232-1	4006	3923	4379	4103	5.91	cps
Tin	118-1	1058	983	1183	1075	9.40	cps
Titanium	47-1	208	167	75	150	45.48	cps
Uranium	238-1	2784	2875	3084	2914	5.28	cps
Vanadium	51-2	20	13	10	14	35.26	cps
Yttrium	89-1	12215849	12225148	12219086	12220028	0.04	cps
Yttrium	89-2	1390346	1395115	1399126	1394862	0.32	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BL	Instrumnet Name :	P7
Client Sample ID :	PB123507BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:21:37	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	227	263	256	10.13	cps
Zirconium	90-1	1075	1150	1050	1092	4.77	cps
Zirconium	91-1	192	208	242	214	11.90	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:25:14	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4485356	4450142	4510625	4482041	0.68	cps
Antimony	121-1	5691370	5631318	5659261	5660650	0.53	cps
Arsenic	75-2	132360	132904	132981	132748	0.25	cps
Barium	135-1	6895350	6891984	6775035	6854123	1.00	cps
Barium	137-1	12037347	12044215	12017756	12033106	0.11	cps
Beryllium	9-1	923065	932580	928706	928117	0.52	cps
Bismuth	209-1	11800334	11831180	11796267	11809261	0.16	cps
Bismuth	209-2	5490986	5463075	5497562	5483874	0.33	cps
Boron	10-1	163848	167265	169220	166778	1.63	cps
Boron	11-1	783319	805361	798347	795676	1.42	cps
Cadmium	111-1	1703519	1724343	1731213	1719692	0.84	cps
Cadmium	106-1	196605	200171	197802	198193	0.92	cps
Cadmium	108-1	132849	133055	133101	133002	0.10	cps
Calcium	43-1	6788648	6720409	6795393	6768150	0.61	cps
Calcium	44-1	110337557	109589552	110647190	110191433	0.49	cps
Chromium	52-2	1323606	1332579	1337084	1331090	0.52	cps
Cobalt	59-2	2172532	2179748	2197528	2183269	0.59	cps
Copper	63-2	3371169	3384990	3388620	3381593	0.27	cps
Dysprosium	156-1	183	200	200	194	4.95	cps
Dysprosium	156-2	150	103	110	121	20.84	cps
Erbium	164-1	108	92	175	125	35.28	cps
Erbium	164-2	43	33	73	50	41.64	cps
Gadolinium	160-1	125	167	142	144	14.52	cps
Gadolinium	160-2	187	230	117	178	32.17	cps
Holmium	165-1	18168791	18073513	18056801	18099702	0.33	cps
Holmium	165-2	7622452	7573620	7675010	7623694	0.67	cps
Indium	115-1	11082631	11135531	11129882	11116015	0.26	cps
Indium	115-2	1671146	1660249	1676064	1669153	0.48	cps
Iron	56-2	287351173	286164506	287068618	286861432	0.22	cps
Iron	57-2	7100597	7017755	7081317	7066556	0.61	cps
Krypton	83-1	2224	2224	2084	2177	3.71	cps
Lead	206-1	5983315	5956556	6012520	5984130	0.47	cps
Lead	207-1	5311435	5311287	5368837	5330520	0.62	cps
Lead	208-1	24400627	24363095	24543571	24435764	0.39	cps
Lithium	6-1	2927791	2914285	2896322	2912799	0.54	cps
Magnesium	24-2	52980580	52719394	53351005	53016993	0.60	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCV75 Instrumnet Name : P7
 Client Sample ID : CCV75 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:25:14 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1541943	1531092	1535454	1536163	0.36	cps
Molybdenum	94-1	10717986	10716304	10678574	10704288	0.21	cps
Molybdenum	95-1	13503932	13449931	13529071	13494311	0.30	cps
Molybdenum	96-1	15023447	14894733	14981431	14966537	0.44	cps
Molybdenum	97-1	8564982	8462719	8490526	8506076	0.62	cps
Molybdenum	98-1	22164191	21927582	22217264	22103012	0.70	cps
Neodymium	150-1	507	667	733	636	18.33	cps
Neodymium	150-2	47	50	70	56	22.71	cps
Nickel	60-2	557561	569523	565717	564267	1.08	cps
Phosphorus	31-2	39980	39963	39637	39860	0.48	cps
Potassium	39-2	19763796	19681757	19660855	19702136	0.28	cps
Rhodium	103-1	9144824	9108750	9170155	9141243	0.34	cps
Rhodium	103-2	4114346	4111014	4125563	4116974	0.19	cps
Scandium	45-1	5784274	5766309	5803462	5784682	0.32	cps
Scandium	45-2	227600	229609	230041	229083	0.57	cps
Selenium	77-2	3651	3881	3781	3771	3.06	cps
Selenium	78-2	12396	12626	12370	12464	1.13	cps
Selenium	82-1	105171	104017	104193	104460	0.59	cps
Silicon	28-1	3224881	3263060	3320120	3269354	1.47	cps
Silver	109-1	6945666	7022176	7025828	6997890	0.65	cps
Silver	107-1	7264109	7318028	7283686	7288607	0.37	cps
Sodium	23-2	102563946	101783323	102279156	102208809	0.39	cps
Strontium	86-1	1608495	1589524	1587415	1595145	0.73	cps
Strontium	88-1	14171988	14133499	14134771	14146752	0.15	cps
Sulfur	34-1	916651	896187	907725	906854	1.13	cps
Terbium	159-1	18225259	18029414	18054352	18103008	0.59	cps
Terbium	159-2	7331779	7298500	7337758	7322679	0.29	cps
Thallium	203-1	7422265	7386528	7526680	7445157	0.98	cps
Thallium	205-1	18070911	18019587	18057348	18049282	0.15	cps
Thorium	232-1	28225619	28166190	28436729	28276179	0.50	cps
Tin	118-1	4825514	4766957	4818019	4803497	0.66	cps
Titanium	47-1	3088055	3079454	3081108	3082872	0.15	cps
Uranium	238-1	28365276	28195185	28362001	28307487	0.34	cps
Vanadium	51-2	1010193	1014327	1009020	1011180	0.28	cps
Yttrium	89-1	10708538	10641507	10697767	10682604	0.34	cps
Yttrium	89-2	1222266	1219376	1222565	1221403	0.14	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:25:14	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	509981	513608	514335	512641	0.46	cps
Zirconium	90-1	8465675	8385365	8356908	8402649	0.67	cps
Zirconium	91-1	1863590	1851481	1846507	1853860	0.47	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:32:58 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	92	75	29.40	cps
Antimony	121-1	2050	1884	2050	1995	4.83	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	125	108	92	108	15.39	cps
Barium	137-1	150	125	150	142	10.19	cps
Beryllium	9-1	160	133	147	147	9.09	cps
Bismuth	209-1	14502657	14360980	14168075	14343904	1.17	cps
Bismuth	209-2	7010639	6970567	7068232	7016479	0.70	cps
Boron	10-1	4501	4501	4601	4534	1.27	cps
Boron	11-1	20865	21524	21399	21263	1.65	cps
Cadmium	111-1	3809	3849	4179	3946	5.15	cps
Cadmium	106-1	5393	5393	5810	5532	4.35	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	208	175	217	200	11.02	cps
Calcium	44-1	6727	6652	6477	6618	1.94	cps
Chromium	52-2	463	507	527	499	6.49	cps
Cobalt	59-2	110	60	77	82	30.96	cps
Copper	63-2	1207	1123	1077	1136	5.80	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	10	27	13	17	52.93	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	73	50	67	63	18.98	cps
Gadolinium	160-1	158	133	133	142	10.19	cps
Gadolinium	160-2	183	217	233	211	12.06	cps
Holmium	165-1	20111858	19723629	19727836	19854441	1.12	cps
Holmium	165-2	8657161	8570973	8603600	8610578	0.51	cps
Indium	115-1	13405203	13307340	13328283	13346942	0.39	cps
Indium	115-2	2074333	2049334	2068301	2063989	0.63	cps
Iron	56-2	5707	5890	5707	5768	1.84	cps
Iron	57-2	194	128	122	148	27.13	cps
Krypton	83-1	2514	2444	2417	2458	2.03	cps
Lead	206-1	1450	1378	1406	1411	2.58	cps
Lead	207-1	1539	1083	1256	1293	17.80	cps
Lead	208-1	5384	4900	5128	5138	4.71	cps
Lithium	6-1	3522719	3478805	3487397	3496307	0.67	cps
Magnesium	24-2	900	925	792	872	8.13	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:32:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	33	53	48	26.42	cps
Molybdenum	94-1	817	1017	1258	1031	21.46	cps
Molybdenum	95-1	933	892	967	931	4.04	cps
Molybdenum	96-1	1192	1017	925	1045	12.97	cps
Molybdenum	97-1	592	508	575	558	7.90	cps
Molybdenum	98-1	1383	1450	1383	1406	2.74	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	97	170	170	146	29.09	cps
Phosphorus	31-2	108	58	83	83	30.00	cps
Potassium	39-2	15192	14574	14858	14875	2.08	cps
Rhodium	103-1	11653020	11532928	11632336	11606095	0.55	cps
Rhodium	103-2	5327535	5348571	5346752	5340953	0.22	cps
Scandium	45-1	6853794	6863025	6800613	6839144	0.49	cps
Scandium	45-2	271758	269390	270233	270460	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	17	22	20	15.73	cps
Selenium	82-1	-128	4	24	-34	-246.40	cps
Silicon	28-1	91723	92050	91346	91706	0.38	cps
Silver	109-1	217	267	200	228	15.23	cps
Silver	107-1	283	292	275	283	2.94	cps
Sodium	23-2	28152	27401	28169	27907	1.57	cps
Strontium	86-1	4284	4101	4109	4165	2.49	cps
Strontium	88-1	333	292	300	308	7.15	cps
Sulfur	34-1	458152	458744	464823	460573	0.80	cps
Terbium	159-1	20211647	19957463	19955111	20041407	0.74	cps
Terbium	159-2	8381211	8351628	8350143	8360994	0.21	cps
Thallium	203-1	1909	1759	1784	1817	4.42	cps
Thallium	205-1	3759	3434	3634	3609	4.54	cps
Thorium	232-1	3967	3867	4379	4071	6.66	cps
Tin	118-1	1250	1050	1150	1150	8.70	cps
Titanium	47-1	108	108	200	139	38.10	cps
Uranium	238-1	3017	3251	3134	3134	3.72	cps
Vanadium	51-2	13	7	23	14	58.06	cps
Yttrium	89-1	12589167	12451557	12422337	12487687	0.71	cps
Yttrium	89-2	1445451	1441232	1444534	1443739	0.15	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:32:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	387	293	343	341	13.69	cps
Zirconium	90-1	1250	1142	1350	1247	8.35	cps
Zirconium	91-1	308	250	300	286	11.03	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BS Instrumnet Name : P7
 Client Sample ID : PB123507BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:36:35 DataFile Name : 032LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934108	929524	924859	929497	0.50	cps
Antimony	121-1	6191950	6177287	6215748	6194995	0.31	cps
Arsenic	75-2	142342	143201	140355	141966	1.03	cps
Barium	135-1	7357906	7327894	7378695	7354832	0.35	cps
Barium	137-1	12914332	12838783	12879527	12877547	0.29	cps
Beryllium	9-1	1036327	1030219	1020572	1029040	0.77	cps
Bismuth	209-1	13123440	13214966	13215356	13184587	0.40	cps
Bismuth	209-2	6216133	6194730	6174797	6195220	0.33	cps
Boron	10-1	178855	178373	182390	179873	1.22	cps
Boron	11-1	854442	852994	865209	857548	0.78	cps
Cadmium	111-1	1758533	1758292	1742998	1753274	0.51	cps
Cadmium	106-1	206054	205664	203357	205025	0.71	cps
Cadmium	108-1	138094	138814	138397	138435	0.26	cps
Calcium	43-1	1526795	1523377	1517823	1522665	0.30	cps
Calcium	44-1	25009035	25013105	25159326	25060489	0.34	cps
Chromium	52-2	1422938	1423683	1409530	1418717	0.56	cps
Cobalt	59-2	2417844	2408983	2389395	2405407	0.61	cps
Copper	63-2	3443710	3476026	3429765	3449833	0.69	cps
Dysprosium	156-1	142	158	108	136	18.70	cps
Dysprosium	156-2	110	100	123	111	10.54	cps
Erbium	164-1	117	125	92	111	15.61	cps
Erbium	164-2	90	63	60	71	23.12	cps
Gadolinium	160-1	142	75	83	100	36.32	cps
Gadolinium	160-2	217	197	167	193	13.02	cps
Holmium	165-1	18932847	19100625	19294490	19109321	0.95	cps
Holmium	165-2	8160143	8136205	8088389	8128246	0.45	cps
Indium	115-1	12228405	12200040	12150808	12193084	0.32	cps
Indium	115-2	1826053	1820620	1815812	1820828	0.28	cps
Iron	56-2	64163531	64000388	63528849	63897589	0.52	cps
Iron	57-2	1575787	1570299	1554291	1566792	0.71	cps
Krypton	83-1	2314	2320	2240	2291	1.94	cps
Lead	206-1	6647980	6706505	6738427	6697637	0.68	cps
Lead	207-1	5747850	5763640	5794377	5768622	0.41	cps
Lead	208-1	26542521	26774280	26906321	26741041	0.69	cps
Lithium	6-1	3189290	3164469	3141829	3165196	0.75	cps
Magnesium	24-2	11974365	11842449	11864998	11893937	0.59	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123507BS Instrumnet Name : P7
 Client Sample ID : PB123507BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:36:35 DataFile Name : 032LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1675546	1666191	1665848	1669195	0.33	cps
Molybdenum	94-1	11475734	11556622	11465795	11499384	0.43	cps
Molybdenum	95-1	14502037	14498481	14412305	14470941	0.35	cps
Molybdenum	96-1	16045819	16052488	15910274	16002860	0.50	cps
Molybdenum	97-1	9116548	9138460	9059558	9104856	0.45	cps
Molybdenum	98-1	23871139	23631255	23554199	23685531	0.70	cps
Neodymium	150-1	580	660	693	644	9.04	cps
Neodymium	150-2	57	47	37	47	21.43	cps
Nickel	60-2	632627	628448	623143	628073	0.76	cps
Phosphorus	31-2	44200	43531	43314	43682	1.06	cps
Potassium	39-2	4263654	4294987	4285597	4281413	0.38	cps
Rhodium	103-1	10386746	10330464	10243535	10320248	0.70	cps
Rhodium	103-2	4659471	4631961	4594206	4628546	0.71	cps
Scandium	45-1	6265646	6237601	6254948	6252732	0.23	cps
Scandium	45-2	247101	244227	241480	244269	1.15	cps
Selenium	77-2	3867	3921	4014	3934	1.89	cps
Selenium	78-2	13653	13560	13421	13545	0.86	cps
Selenium	82-1	117435	118816	117211	117821	0.74	cps
Silicon	28-1	3645769	3670069	3677735	3664525	0.46	cps
Silver	109-1	7416059	7436177	7370474	7407570	0.45	cps
Silver	107-1	7741545	7657666	7715121	7704777	0.56	cps
Sodium	23-2	22666202	22554327	22453969	22558166	0.47	cps
Strontium	86-1	1713901	1719199	1710083	1714394	0.27	cps
Strontium	88-1	15100782	15261372	15154184	15172112	0.54	cps
Sulfur	34-1	981944	974398	963283	973209	0.96	cps
Terbium	159-1	19076301	19351853	19260292	19229482	0.73	cps
Terbium	159-2	7902545	7815617	7803543	7840568	0.69	cps
Thallium	203-1	8067315	8166664	8091096	8108358	0.64	cps
Thallium	205-1	19590031	19619510	19656031	19621857	0.17	cps
Thorium	232-1	29489322	29526545	29260153	29425340	0.49	cps
Tin	118-1	5263186	5172213	5211968	5215789	0.87	cps
Titanium	47-1	3352009	3322292	3315016	3329772	0.59	cps
Uranium	238-1	29399587	29499434	29299514	29399512	0.34	cps
Vanadium	51-2	1093544	1088843	1071493	1084627	1.07	cps
Yttrium	89-1	11497664	11537237	11426180	11487027	0.49	cps
Yttrium	89-2	1312555	1308576	1289795	1303642	0.93	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123507BS	Instrumnet Name :	P7
Client Sample ID :	PB123507BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:36:35	DataFile Name :	032LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	554814	563293	554278	557462	0.91	cps
Zirconium	90-1	8978000	8994075	8945834	8972636	0.27	cps
Zirconium	91-1	1990466	1957437	1980666	1976190	0.86	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BL	Instrumnet Name :	P7
Client Sample ID :	PB123506BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:46:15	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	17	28	34.63	cps
Antimony	121-1	1942	1759	1917	1872	5.31	cps
Arsenic	75-2	13	17	7	12	37.75	cps
Barium	135-1	108	92	58	86	29.56	cps
Barium	137-1	208	167	125	167	25.00	cps
Beryllium	9-1	120	153	117	130	15.60	cps
Bismuth	209-1	14397019	14414449	14262669	14358046	0.58	cps
Bismuth	209-2	6809571	6889529	6883199	6860766	0.65	cps
Boron	10-1	4643	4993	4001	4545	11.07	cps
Boron	11-1	21624	20323	20172	20706	3.86	cps
Cadmium	111-1	3793	3594	3962	3783	4.87	cps
Cadmium	106-1	5343	5009	5560	5304	5.23	cps
Cadmium	108-1	25	42	25	31	31.50	cps
Calcium	43-1	142	92	133	122	21.92	cps
Calcium	44-1	6010	6202	5618	5943	5.00	cps
Chromium	52-2	500	470	507	492	3.97	cps
Cobalt	59-2	70	73	93	79	16.00	cps
Copper	63-2	1123	1023	1073	1073	4.66	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	83	67	75	75	11.11	cps
Erbium	164-2	47	57	47	50	11.55	cps
Gadolinium	160-1	67	117	125	103	30.70	cps
Gadolinium	160-2	170	213	223	202	14.02	cps
Holmium	165-1	20111616	20026013	19719534	19952388	1.03	cps
Holmium	165-2	8430757	8481317	8497650	8469908	0.41	cps
Indium	115-1	13403978	13413532	13328621	13382043	0.35	cps
Indium	115-2	1984889	2013413	2033460	2010588	1.21	cps
Iron	56-2	2578	2411	2656	2548	4.90	cps
Iron	57-2	44	44	83	57	39.11	cps
Krypton	83-1	2420	2474	2527	2474	2.16	cps
Lead	206-1	1372	1345	1478	1398	5.03	cps
Lead	207-1	1356	1245	1167	1256	7.56	cps
Lead	208-1	5189	5062	4973	5075	2.15	cps
Lithium	6-1	3490603	3493275	3464791	3482890	0.45	cps
Magnesium	24-2	342	300	442	361	20.16	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BL	Instrumnet Name :	P7
Client Sample ID :	PB123506BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:46:15	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	47	30	41	23.41	cps
Molybdenum	94-1	900	875	908	895	1.94	cps
Molybdenum	95-1	958	942	792	897	10.23	cps
Molybdenum	96-1	1092	792	1083	989	17.28	cps
Molybdenum	97-1	575	458	475	503	12.55	cps
Molybdenum	98-1	1342	1300	1342	1328	1.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	93	160	143	132	26.24	cps
Phosphorus	31-2	67	158	42	89	69.10	cps
Potassium	39-2	14207	13807	14591	14202	2.76	cps
Rhodium	103-1	11685018	11621466	11597644	11634710	0.39	cps
Rhodium	103-2	5118371	5205793	5238820	5187661	1.20	cps
Scandium	45-1	6836768	6790253	6774664	6800562	0.48	cps
Scandium	45-2	258407	260631	264370	261136	1.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	19	22	22	13.08	cps
Selenium	82-1	33	-146	-43	-52	-173.19	cps
Silicon	28-1	91857	93903	91746	92502	1.31	cps
Silver	109-1	217	208	108	178	33.91	cps
Silver	107-1	258	200	200	219	15.35	cps
Sodium	23-2	18220	18454	18253	18309	0.69	cps
Strontium	86-1	3992	3834	4009	3945	2.45	cps
Strontium	88-1	392	267	258	306	24.44	cps
Sulfur	34-1	453145	459215	459202	457187	0.77	cps
Terbium	159-1	20085893	20216908	20038083	20113628	0.46	cps
Terbium	159-2	8076915	8192909	8248367	8172730	1.07	cps
Thallium	203-1	1634	1559	1400	1531	7.78	cps
Thallium	205-1	3501	3209	3251	3320	4.75	cps
Thorium	232-1	3956	4251	4284	4164	4.33	cps
Tin	118-1	1150	1083	1217	1150	5.80	cps
Titanium	47-1	133	233	125	164	36.78	cps
Uranium	238-1	3025	2909	2917	2950	2.21	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Yttrium	89-1	12532961	12486097	12488218	12502425	0.21	cps
Yttrium	89-2	1384304	1409064	1419213	1404194	1.28	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BL	Instrumnet Name :	P7
Client Sample ID :	PB123506BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:46:15	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	297	317	304	3.52	cps
Zirconium	90-1	1242	1217	1092	1183	6.79	cps
Zirconium	91-1	200	158	325	228	38.08	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123506BS Instrumnet Name : P7
 Client Sample ID : PB123506BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:49:52 DataFile Name : 034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916078	915099	920652	917276	0.32	cps
Antimony	121-1	6164220	6097541	6096252	6119338	0.64	cps
Arsenic	75-2	140024	138934	140100	139686	0.47	cps
Barium	135-1	7311106	7258507	7292107	7287240	0.37	cps
Barium	137-1	12903026	12693432	12697145	12764534	0.94	cps
Beryllium	9-1	1031341	1008347	1011989	1017226	1.21	cps
Bismuth	209-1	13089151	12991320	12916131	12998868	0.67	cps
Bismuth	209-2	6098454	6092281	6112888	6101208	0.17	cps
Boron	10-1	176881	171967	180978	176609	2.55	cps
Boron	11-1	845349	839398	849748	844831	0.61	cps
Cadmium	111-1	1744022	1736425	1720801	1733750	0.68	cps
Cadmium	106-1	202258	201852	198344	200818	1.07	cps
Cadmium	108-1	138015	134948	135132	136032	1.26	cps
Calcium	43-1	1500939	1486277	1484792	1490669	0.60	cps
Calcium	44-1	24727519	24546620	24486706	24586948	0.51	cps
Chromium	52-2	1401103	1395711	1389819	1395545	0.40	cps
Cobalt	59-2	2367261	2361055	2360521	2362946	0.16	cps
Copper	63-2	3373799	3414874	3380198	3389623	0.65	cps
Dysprosium	156-1	142	150	133	142	5.88	cps
Dysprosium	156-2	113	127	113	118	6.53	cps
Erbium	164-1	42	83	142	89	56.51	cps
Erbium	164-2	63	50	37	50	26.66	cps
Gadolinium	160-1	150	117	125	131	13.29	cps
Gadolinium	160-2	170	187	187	181	5.31	cps
Holmium	165-1	18996281	18850749	18702812	18849947	0.78	cps
Holmium	165-2	7988198	7985212	8006953	7993455	0.15	cps
Indium	115-1	12006050	11892758	11875673	11924827	0.59	cps
Indium	115-2	1772749	1780603	1787050	1780134	0.40	cps
Iron	56-2	63479669	63218567	62914179	63204138	0.45	cps
Iron	57-2	1550655	1544660	1542351	1545889	0.28	cps
Krypton	83-1	2170	2297	2357	2275	4.19	cps
Lead	206-1	6460993	6636384	6619064	6572147	1.47	cps
Lead	207-1	5782008	5757972	5726321	5755434	0.49	cps
Lead	208-1	26497300	26566439	26556657	26540132	0.14	cps
Lithium	6-1	3137275	3091502	3083706	3104161	0.93	cps
Magnesium	24-2	11762646	11658184	11717239	11712690	0.45	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : PB123506BS Instrumnet Name : P7
 Client Sample ID : PB123506BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 15:49:52 DataFile Name : 034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1652486	1647523	1643073	1647694	0.29	cps
Molybdenum	94-1	11354791	11390400	11307649	11350947	0.37	cps
Molybdenum	95-1	14384441	14356696	14263241	14334793	0.44	cps
Molybdenum	96-1	15936523	15889486	15767632	15864547	0.55	cps
Molybdenum	97-1	9101617	9041623	8916890	9020043	1.04	cps
Molybdenum	98-1	23603265	23444196	23321473	23456311	0.60	cps
Neodymium	150-1	527	627	560	571	8.92	cps
Neodymium	150-2	77	63	73	71	9.76	cps
Nickel	60-2	617682	617721	619378	618260	0.16	cps
Phosphorus	31-2	42762	42445	43372	42860	1.10	cps
Potassium	39-2	4215630	4202662	4205117	4207803	0.16	cps
Rhodium	103-1	10183994	10120203	10012996	10105731	0.86	cps
Rhodium	103-2	4560402	4568420	4521200	4550007	0.56	cps
Scandium	45-1	6160727	6132095	6095758	6129527	0.53	cps
Scandium	45-2	241946	239152	238997	240032	0.69	cps
Selenium	77-2	3927	3917	4051	3965	1.87	cps
Selenium	78-2	13373	13301	13720	13464	1.66	cps
Selenium	82-1	116189	115740	116460	116130	0.31	cps
Silicon	28-1	3514852	3597593	3591255	3567900	1.29	cps
Silver	109-1	7420681	7266158	7278106	7321649	1.17	cps
Silver	107-1	7551092	7542274	7590134	7561167	0.34	cps
Sodium	23-2	22442758	22229349	22372967	22348358	0.49	cps
Strontium	86-1	1692299	1692523	1698973	1694598	0.22	cps
Strontium	88-1	15045199	14980943	14964922	14997021	0.28	cps
Sulfur	34-1	968686	962300	953304	961430	0.80	cps
Terbium	159-1	19099710	18777276	18802694	18893227	0.95	cps
Terbium	159-2	7718754	7622052	7667123	7669310	0.63	cps
Thallium	203-1	8007067	8002060	8058453	8022527	0.39	cps
Thallium	205-1	19431613	19444507	19335291	19403804	0.31	cps
Thorium	232-1	29341705	28931658	29061366	29111576	0.72	cps
Tin	118-1	5215484	5128906	5153309	5165900	0.86	cps
Titanium	47-1	3307279	3249999	3269659	3275646	0.89	cps
Uranium	238-1	29571848	29231415	29490108	29431124	0.60	cps
Vanadium	51-2	1074335	1066885	1068248	1069823	0.37	cps
Yttrium	89-1	11381080	11211835	11201312	11264742	0.90	cps
Yttrium	89-2	1275541	1278209	1274347	1276032	0.15	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	PB123506BS	Instrumnet Name :	P7
Client Sample ID :	PB123506BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:49:52	DataFile Name :	034DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	552496	552642	548439	551192	0.43	cps
Zirconium	90-1	8936145	8849167	8838145	8874486	0.60	cps
Zirconium	91-1	1969388	1950647	1939476	1953170	0.77	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4523664	4428777	4481360	4477934	1.06	cps
Antimony	121-1	5517460	5516805	5562123	5532129	0.47	cps
Arsenic	75-2	135388	133676	135067	134710	0.68	cps
Barium	135-1	6852811	6838729	6921767	6871102	0.65	cps
Barium	137-1	11946104	11935392	12151811	12011102	1.02	cps
Beryllium	9-1	926934	916275	926904	923371	0.67	cps
Bismuth	209-1	12147745	12070810	11504964	11907840	2.95	cps
Bismuth	209-2	5425605	5474392	5433391	5444463	0.48	cps
Boron	10-1	172307	177009	174193	174503	1.36	cps
Boron	11-1	823063	827491	838291	829615	0.94	cps
Cadmium	111-1	1761812	1754937	1764534	1760428	0.28	cps
Cadmium	106-1	200651	199985	200438	200358	0.17	cps
Cadmium	108-1	136546	136247	134573	135789	0.78	cps
Calcium	43-1	6866932	6850406	6831942	6849760	0.26	cps
Calcium	44-1	112104348	111756923	112126257	111995843	0.19	cps
Chromium	52-2	1325798	1319832	1321911	1322514	0.23	cps
Cobalt	59-2	2171105	2154332	2165218	2163552	0.39	cps
Copper	63-2	3727104	3730225	3711920	3723083	0.26	cps
Dysprosium	156-1	125	183	125	144	23.31	cps
Dysprosium	156-2	143	173	140	152	12.06	cps
Erbium	164-1	142	142	133	139	3.46	cps
Erbium	164-2	117	103	77	99	20.60	cps
Gadolinium	160-1	183	150	142	158	13.92	cps
Gadolinium	160-2	183	237	190	203	14.29	cps
Holmium	165-1	18844957	18674488	17703956	18407800	3.34	cps
Holmium	165-2	7648280	7686833	7647021	7660711	0.30	cps
Indium	115-1	11702471	11515159	10829060	11348897	4.05	cps
Indium	115-2	1668862	1678524	1680787	1676058	0.38	cps
Iron	56-2	287616295	286387029	286453040	286818788	0.24	cps
Iron	57-2	7068965	7100143	7013616	7060908	0.62	cps
Krypton	83-1	2194	2177	2050	2140	3.66	cps
Lead	206-1	5905379	5948011	5913463	5922285	0.38	cps
Lead	207-1	5262873	5244791	5258028	5255231	0.18	cps
Lead	208-1	24118008	24227758	24218088	24187951	0.25	cps
Lithium	6-1	3037914	2965303	2818510	2940576	3.80	cps
Magnesium	24-2	53278162	52794663	52925232	52999352	0.47	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1533172	1526988	1518598	1526253	0.48	cps
Molybdenum	94-1	10831405	10675880	10814209	10773831	0.79	cps
Molybdenum	95-1	13651482	13476006	13599968	13575819	0.66	cps
Molybdenum	96-1	15134447	14916793	15117547	15056262	0.80	cps
Molybdenum	97-1	8611101	8468274	8560048	8546474	0.85	cps
Molybdenum	98-1	22249228	22088801	22287652	22208560	0.47	cps
Neodymium	150-1	733	733	787	751	4.10	cps
Neodymium	150-2	107	143	87	112	25.61	cps
Nickel	60-2	565748	561631	560238	562539	0.51	cps
Phosphorus	31-2	39871	38935	40489	39765	1.97	cps
Potassium	39-2	19957286	19596072	19900286	19817882	0.98	cps
Rhodium	103-1	9545933	9421706	8919565	9295735	3.57	cps
Rhodium	103-2	4106084	4142714	4089249	4112682	0.66	cps
Scandium	45-1	6127823	6042100	5625777	5931900	4.53	cps
Scandium	45-2	230606	228247	228088	228980	0.62	cps
Selenium	77-2	3577	3504	3537	3539	1.04	cps
Selenium	78-2	12648	12439	12379	12489	1.13	cps
Selenium	82-1	105894	106702	106920	106505	0.51	cps
Silicon	28-1	3411346	3475759	3517474	3468193	1.54	cps
Silver	109-1	7066069	7050694	7054554	7057105	0.11	cps
Silver	107-1	7379683	7304865	7340609	7341719	0.51	cps
Sodium	23-2	103515621	103084338	102877196	103159052	0.32	cps
Strontium	86-1	1600728	1588933	1611032	1600231	0.69	cps
Strontium	88-1	14259835	14232951	14415123	14302636	0.69	cps
Sulfur	34-1	898292	880586	888380	889086	1.00	cps
Terbium	159-1	18708331	18669693	17500264	18292763	3.75	cps
Terbium	159-2	7366547	7334949	7304655	7335384	0.42	cps
Thallium	203-1	7399062	7449986	7382664	7410570	0.47	cps
Thallium	205-1	17970703	18061441	17962399	17998181	0.31	cps
Thorium	232-1	27804283	27920008	28340383	28021558	1.01	cps
Tin	118-1	4794078	4768680	4748674	4770477	0.48	cps
Titanium	47-1	3113150	3087069	3109819	3103346	0.46	cps
Uranium	238-1	28003115	27936961	28378784	28106286	0.85	cps
Vanadium	51-2	1008252	1003495	998896	1003548	0.47	cps
Yttrium	89-1	11174494	11129779	10520475	10941583	3.34	cps
Yttrium	89-2	1216667	1226173	1218383	1220408	0.42	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 15:58:07	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	534509	534048	530195	532917	0.44	cps
Zirconium	90-1	8470330	8397413	8463456	8443733	0.48	cps
Zirconium	91-1	1866358	1838924	1861370	1855551	0.79	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 16:08:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	25	25	66.68	cps
Antimony	121-1	1917	1917	2200	2011	8.13	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	58	42	42	47	20.38	cps
Barium	137-1	100	92	83	92	9.09	cps
Beryllium	9-1	163	197	267	209	25.25	cps
Bismuth	209-1	13148994	14355187	14482248	13995476	5.26	cps
Bismuth	209-2	7044583	6999081	7001629	7015098	0.36	cps
Boron	10-1	6143	5610	5218	5657	8.21	cps
Boron	11-1	27468	26633	25973	26691	2.81	cps
Cadmium	111-1	3778	4031	4230	4013	5.64	cps
Cadmium	106-1	5293	5618	5835	5582	4.89	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	158	133	100	131	22.42	cps
Calcium	44-1	6535	6535	6452	6507	0.74	cps
Chromium	52-2	450	417	427	431	3.97	cps
Cobalt	59-2	57	40	33	43	27.74	cps
Copper	63-2	977	1047	1050	1025	4.04	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	83	50	83	72	26.65	cps
Erbium	164-2	100	60	50	70	37.80	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	177	270	153	200	30.87	cps
Holmium	165-1	18284326	20048852	20068788	19467322	5.26	cps
Holmium	165-2	8704186	8648964	8609308	8654153	0.55	cps
Indium	115-1	12356042	13433800	13524878	13104907	4.96	cps
Indium	115-2	2064378	2046212	2047591	2052727	0.49	cps
Iron	56-2	2823	3000	3006	2943	3.54	cps
Iron	57-2	78	106	89	91	15.41	cps
Krypton	83-1	2497	2334	2414	2415	3.38	cps
Lead	206-1	1822	1500	1739	1687	9.92	cps
Lead	207-1	1550	1522	1450	1508	3.43	cps
Lead	208-1	6301	5628	6101	6010	5.74	cps
Lithium	6-1	3208640	3493685	3531845	3411390	5.18	cps
Magnesium	24-2	583	517	550	550	6.06	cps

LB Number : LB106774 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-27 16:08:45 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	37	60	44	30.31	cps
Molybdenum	94-1	742	833	875	817	8.35	cps
Molybdenum	95-1	875	658	758	764	14.20	cps
Molybdenum	96-1	850	817	883	850	3.92	cps
Molybdenum	97-1	417	542	525	494	13.73	cps
Molybdenum	98-1	1292	1242	1158	1231	5.47	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	133	143	163	147	10.41	cps
Phosphorus	31-2	117	158	25	100	68.21	cps
Potassium	39-2	16819	15926	16518	16421	2.77	cps
Rhodium	103-1	10718403	11624817	11849189	11397470	5.25	cps
Rhodium	103-2	5329155	5272881	5284876	5295637	0.56	cps
Scandium	45-1	6349161	6807258	6903121	6686513	4.43	cps
Scandium	45-2	273793	270971	267718	270827	1.12	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	17	19	17	6.18	cps
Selenium	82-1	-47	147	-83	6	2171.50	cps
Silicon	28-1	91312	90012	92485	91270	1.36	cps
Silver	109-1	225	167	192	194	15.05	cps
Silver	107-1	192	333	333	286	28.59	cps
Sodium	23-2	32787	33012	32712	32837	0.48	cps
Strontium	86-1	3592	3934	3909	3812	5.00	cps
Strontium	88-1	233	217	208	219	5.80	cps
Sulfur	34-1	481501	473252	477582	477445	0.86	cps
Terbium	159-1	18498200	20131691	20317421	19649104	5.09	cps
Terbium	159-2	8394787	8304968	8379301	8359686	0.57	cps
Thallium	203-1	1925	1859	1825	1870	2.72	cps
Thallium	205-1	3876	3917	3892	3895	0.54	cps
Thorium	232-1	3906	3895	4134	3979	3.39	cps
Tin	118-1	1108	1167	1167	1147	2.94	cps
Titanium	47-1	125	100	75	100	25.00	cps
Uranium	238-1	2517	2742	2875	2712	6.68	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	11423570	12473825	12645314	12180903	5.43	cps
Yttrium	89-2	1443840	1426354	1430236	1433477	0.64	cps

LB Number :	LB106774	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2019-09-27 16:08:45	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	407	437	553	466	16.64	cps
Zirconium	90-1	1033	1217	1308	1186	11.81	cps
Zirconium	91-1	200	333	242	258	26.40	cps