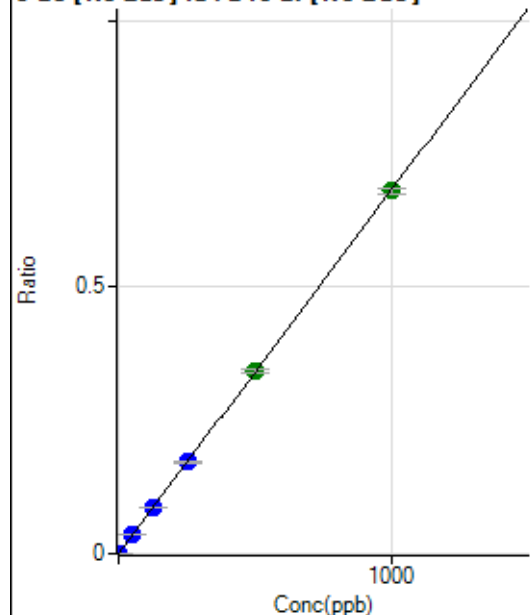


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8100421IMS.b\
Analysis File: P8100421IMS.batch.bin
DA Date-Time: 2021-10-04 18:10:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-04 15:01:19
2	005CALS.d	S02	2021-10-04 15:07:28
3	006CALS.d	S03	2021-10-04 15:10:33
4	007CALS.d	S04	2021-10-04 15:13:36
5	008CALS.d	S05	2021-10-04 15:16:42
6	009CALS.d	S06	2021-10-04 15:19:46
7	010CALS.d	S07	2021-10-04 15:22:52
8	011CALS.d	S08	2021-10-04 15:25:55

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	55.32	0.0000	P	7.2
2	☐	1.000	1.028	3229.06	0.0007	P	5.4
3	☐	50.000	51.471	162182.08	0.0351	P	3.0
4	☐	125.000	125.796	395637.89	0.0859	P	0.9
5	☐	250.000	251.678	782663.27	0.1718	P	1.0
6	☐	500.000	503.821	1568067.41	0.3439	A	1.8
7	☐	1000.000	997.497	2909678.66	0.6809	A	1.4
8	☐			359.27	0.0001	P	3.9

$$y = 6.8259\text{E-}004 * x + 1.2574\text{E-}005$$

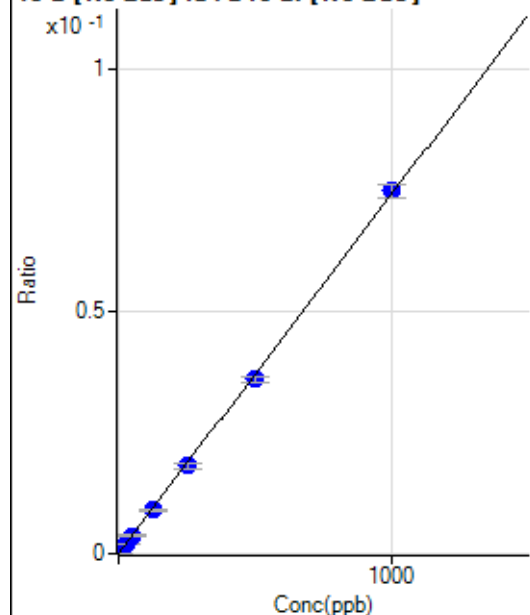
$$R = 1.0000$$

$$DL = 0.00398$$

$$BEC = 0.01842$$

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	240.62	0.0001	P	15.6
2	☐	25.000	24.084	8306.72	0.0018	P	4.5
3	☐	50.000	49.163	17025.86	0.0037	P	7.6
4	☐	125.000	120.025	41158.07	0.0089	P	4.8
5	☐	250.000	243.155	82165.77	0.0180	P	5.7
6	☐	500.000	485.023	163884.42	0.0359	P	3.6
7	☐	1000.000	1009.886	319450.70	0.0748	P	4.0
8	☐			32792.11	0.0081	P	11.2

$$y = 7.3978\text{E-}005 * x + 5.4836\text{E-}005$$

$$R = 0.9998$$

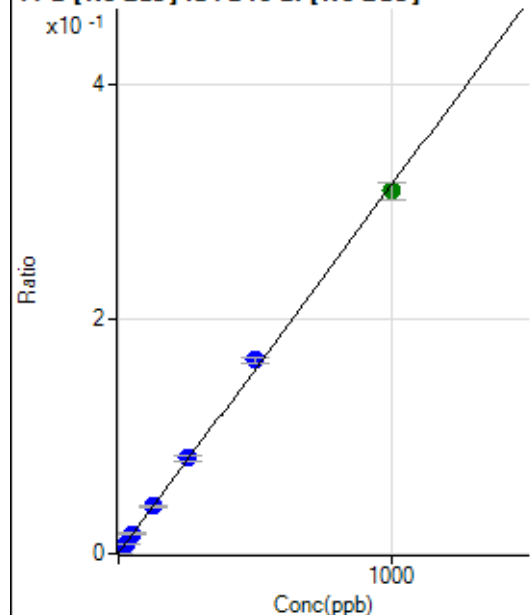
$$DL = 0.348$$

$$BEC = 0.7413$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1235.14	0.0003	P	4.2
2	☐	25.000	25.773	37873.29	0.0084	P	6.7
3	☐	50.000	53.142	78268.22	0.0170	P	7.3
4	☐	125.000	127.782	186185.25	0.0404	P	6.2
5	☐	250.000	259.729	372747.35	0.0819	P	6.1
6	☐	500.000	525.448	753865.77	0.1653	P	2.8
7	☐	1000.000	984.319	1322101.14	0.3094	A	4.9
8	☐			151066.69	0.0374	P	11.0

$$y = 3.1407E-004 * x + 2.8091E-004$$

$$R = 0.9995$$

$$DL = 0.1125$$

$$BEC = 0.8944$$

Weight: <None>

Min Conc: 0

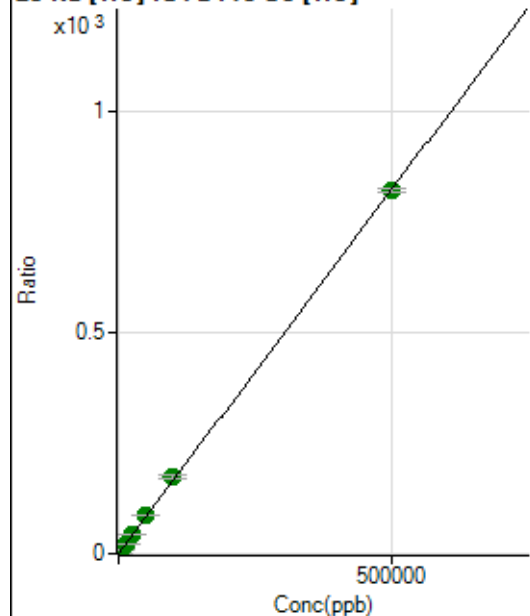
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5796489.62		A	0.4
2	☐			5957694.79		A	1.2
3	☐			6469159.26		A	0.3
4	☐			6344984.08		A	0.8
5	☐			6389909.69		A	0.6
6	☐			6511061.60		A	1.5
7	☐			6815969.60		A	3.4
8	☐			6310453.96		A	2.4

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			56662.78		P	2.1
2	☐			59298.00		P	1.1
3	☐			64823.82		P	1.0
4	☐			63072.01		P	0.5
5	☐			63325.88		P	0.9
6	☐			65664.03		P	1.4
7	☐			70176.65		P	1.5
8	☐			74218.45		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26057.05	0.1109	P	3.7
2	☐	500.000	560.524	241889.72	1.0316	P	0.8
3	☐	5000.000	5530.820	2205621.97	9.1961	A	2.2
4	☐	12500.000	13561.446	5217736.01	22.3876	A	2.6
5	☐	25000.000	26883.442	10253313.51	44.2711	A	1.6
6	☐	50000.000	52722.605	20532529.97	86.7160	A	1.4
7	☐	100000.00	105979.35	40757339.45	174.1985	A	4.2
8	☐	500000.00	498405.79	207498154.6	818.8204	A	0.9

$$y = 0.0016 * x + 0.1109$$

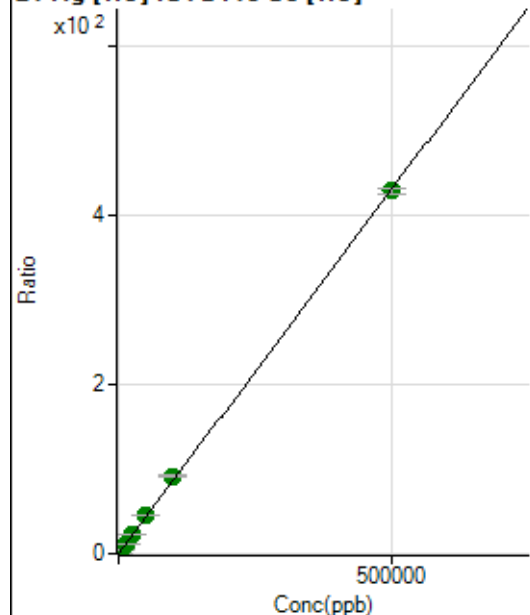
$$R = 0.9999$$

$$DL = 7.58$$

$$BEC = 67.48$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0013	P	11.4
2	☐	500.000	547.805	110727.82	0.4722	P	1.1
3	☐	5000.000	5506.026	1135462.31	4.7342	A	2.7
4	☐	12500.000	13969.505	2799138.61	12.0093	A	1.1
5	☐	25000.000	27040.081	5383369.13	23.2446	A	2.5
6	☐	50000.000	53084.669	10804534.61	45.6321	A	0.2
7	☐	100000.00	106788.98	21477865.76	91.7955	A	3.8
8	☐	500000.00	498189.88	108509437.1	428.2378	A	1.7

$$y = 8.5958\text{E-}004 * x + 0.0013$$

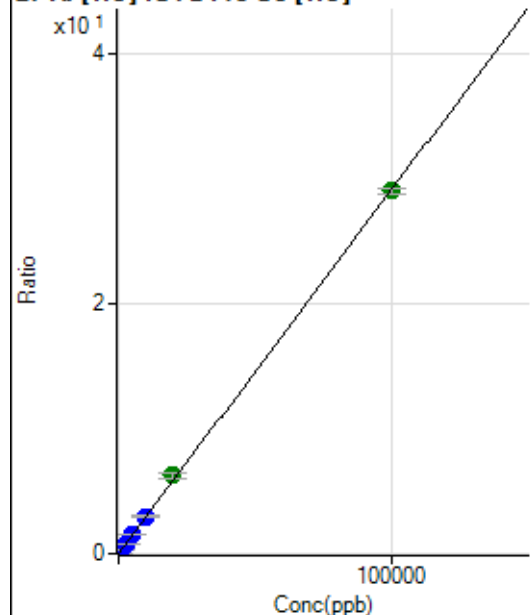
R = 0.9999

DL = 0.5361

BEC = 1.568

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	124.57	0.0005	P	9.4
2	☐	20.000	22.279	1645.31	0.0070	P	1.0
3	☐	1000.000	1067.614	74675.44	0.3113	P	0.8
4	☐	2500.000	2650.559	179969.89	0.7722	P	1.6
5	☐	5000.000	5245.643	353802.99	1.5276	P	1.1
6	☐	10000.000	10268.494	707931.41	2.9899	P	0.7
7	☐	20000.000	21399.092	1457375.63	6.2303	A	5.3
8	☐	100000.00	99676.609	7353256.58	29.0185	A	1.8

$$y = 2.9112\text{E-}004 * x + 5.3024\text{E-}004$$

R = 0.9999

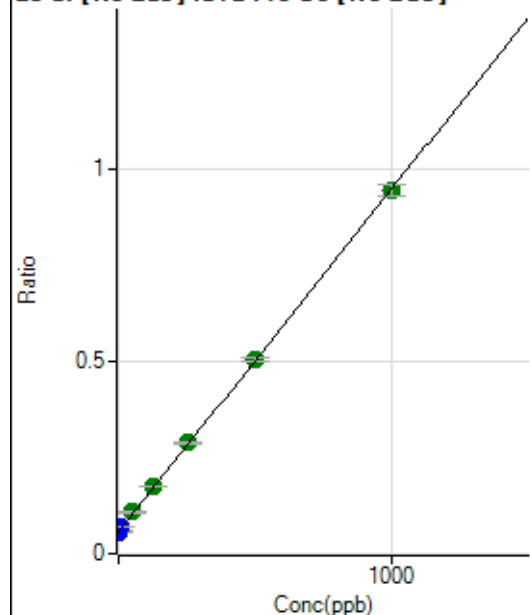
DL = 0.5153

BEC = 1.821

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	528333.96	0.0572	P	1.1
2	☐	10.000	14.078	638793.56	0.0697	P	2.7
3	☐	50.000	56.700	995991.78	0.1077	A	1.8
4	☐	125.000	133.504	1601086.43	0.1761	A	1.3
5	☐	250.000	260.492	2624848.52	0.2892	A	1.8
6	☐	500.000	502.190	4742527.76	0.5045	A	1.9
7	☐	1000.000	994.843	8764661.65	0.9434	A	3.2
8	☐			953883.34	0.1031	A	3.0

$$y = 8.9077E-004 * x + 0.0572$$

R = 0.9999

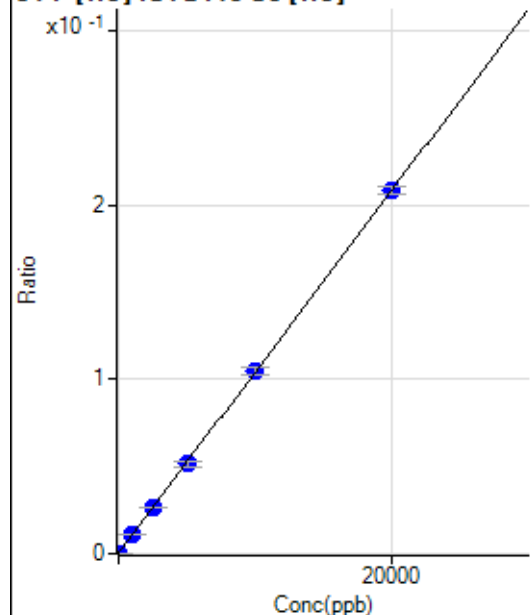
DL = 2.06

BEC = 64.22

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	-4.488	63.89	0.0003	P	19.6
2	☐	0.000	4.488	86.11	0.0004	P	47.8
3	☐	1000.000	1036.258	2661.43	0.0111	P	7.5
4	☐	2500.000	2499.733	6137.59	0.0263	P	2.1
5	☐	5000.000	4908.814	11902.40	0.0514	P	6.4
6	☐	10000.000	10051.428	24841.32	0.1049	P	4.8
7	☐	20000.000	19995.303	48774.40	0.2084	P	2.2
8	☐			77.78	0.0003	P	5.0

$$y = 1.0405E-005 * x + 3.1838E-004$$

R = 1.0000

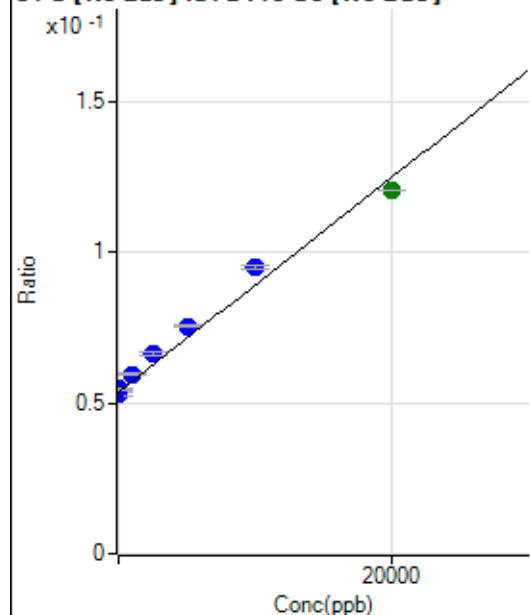
DL = 32.83

BEC = 30.6

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	-251.588	487460.82	0.0528	P	2.9
2	☐	0.000	251.588	500091.31	0.0546	P	1.1
3	☐	1000.000	1658.155	551056.23	0.0596	P	0.9
4	☐	2500.000	3548.721	602844.84	0.0663	P	1.6
5	☐	5000.000	6116.218	684801.73	0.0755	P	0.8
6	☐	10000.000	11622.095	893153.84	0.0951	P	1.9
7	☐	20000.000	18745.900	1119049.86	0.1204	A	0.1
8	☐			397015.75	0.0429	P	2.2

$$y = 3.5601\text{E-}006 * x + 0.0537$$

$$R = 0.9919$$

$$DL = 890.1$$

$$BEC = 1.508\text{E}+04$$

Weight: <None>

Min Conc: 0

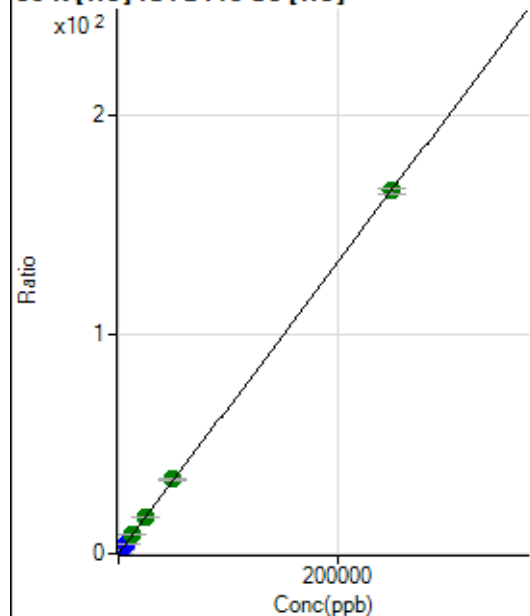
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2378834.45		A	3.9
2	☐			2079140.84		A	4.2
3	☐			2042438.59		A	2.6
4	☐			2042254.75		A	2.1
5	☐			1887193.77		A	4.3
6	☐			1863108.98		A	3.4
7	☐			1806828.51		A	2.2
8	☐			2965467.43		A	2.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13025.63		P	2.6
2	☐			11471.47		P	3.0
3	☐			11463.15		P	1.5
4	☐			11040.61		P	7.5
5	☐			9967.62		P	1.8
6	☐			9742.43		P	2.5
7	☐			9792.42		P	2.0
8	☐			20731.93		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16520.97	0.0703	P	2.7
2	☐	500.000	501.873	94503.28	0.4031	P	2.7
3	☐	2500.000	2599.924	430418.63	1.7945	P	0.9
4	☐	6250.000	6449.470	1013257.27	4.3474	P	1.8
5	☐	12500.000	13012.857	2014953.47	8.7002	A	0.7
6	☐	25000.000	25231.328	3978513.55	16.8032	A	0.7
7	☐	50000.000	50951.716	7923792.80	33.8605	A	2.9
8	☐	250000.00	249754.89	41987986.01	165.7029	A	1.4

$$y = 6.6318\text{E-}004 * x + 0.0703$$

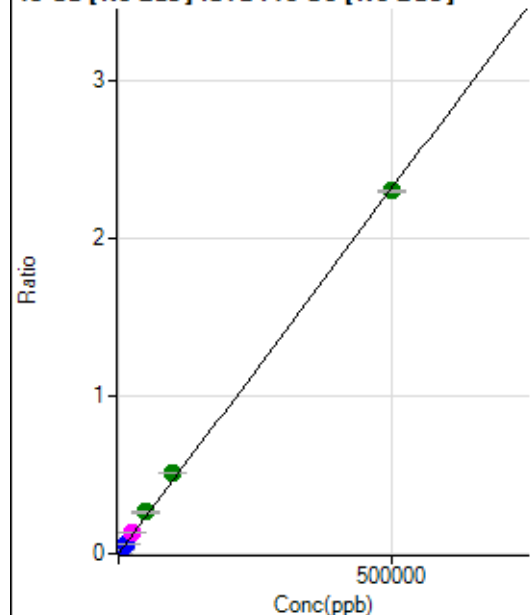
$$R = 1.0000$$

$$DL = 8.482$$

$$BEC = 106$$

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	558.28	0.0001	P	5.8
2	☐	500.000	498.355	21730.28	0.0024	P	2.2
3	☐	5000.000	5672.053	243872.18	0.0264	P	1.3
4	☐	12500.000	14023.945	591926.39	0.0651	P	1.0
5	☐	25000.000	28299.812	1191901.55	0.1313	M	2.0
6	☐	50000.000	57156.836	2491347.57	0.2652	A	3.1
7	☐	100000.00	110914.38	4781720.47	0.5146	A	0.3
8	☐	500000.00	496891.63	21339391.15	2.3050	A	0.8

$$y = 4.6388\text{E-}006 * x + 6.0480\text{E-}005$$

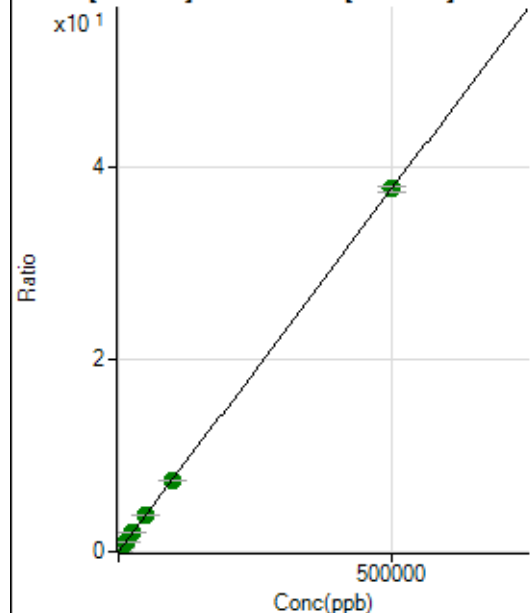
$$R = 0.9997$$

$$DL = 2.285$$

$$BEC = 13.04$$

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	36520.80	0.0040	P	1.8
2	☐	500.000	496.664	378531.07	0.0413	P	2.6
3	☐	5000.000	5050.297	3551147.26	0.3840	A	0.5
4	☐	12500.000	12540.800	8615098.81	0.9476	A	1.1
5	☐	25000.000	25248.520	17277135.77	1.9038	A	0.5
6	☐	50000.000	50092.518	35449711.59	3.7733	A	3.0
7	☐	100000.00	98165.509	68676194.14	7.3907	A	0.7
8	☐	500000.00	500343.70	348566885.6	37.6535	A	1.5

$$y = 7.5247\text{E-}005 * x + 0.0040$$

$$R = 1.0000$$

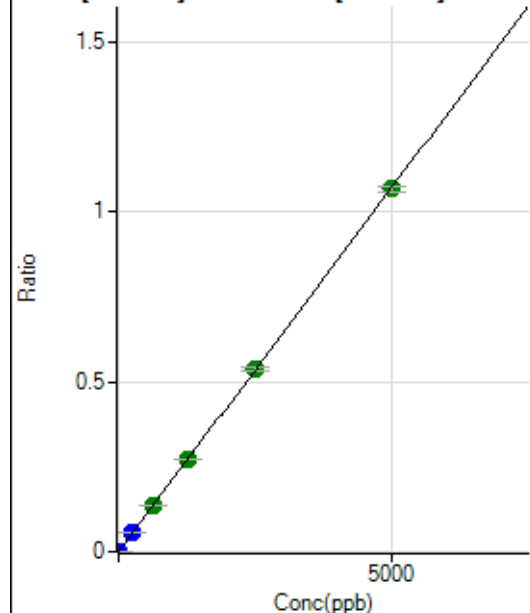
$$DL = 2.895$$

$$BEC = 52.55$$

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	297.23	0.0000	P	5.9
2	☐	5.000	5.079	10253.94	0.0011	P	6.2
3	☐	250.000	259.740	514224.77	0.0556	P	1.5
4	☐	625.000	637.035	1239183.61	0.1363	A	1.9
5	☐	1250.000	1275.263	2476386.40	0.2729	A	0.9
6	☐	2500.000	2508.468	5042958.10	0.5367	A	1.9
7	☐	5000.000	4987.459	9916104.39	1.0671	A	1.5
8	☐			1677.92	0.0002	P	5.9

$$y = 2.1396\text{E-}004 * x + 3.2150\text{E-}005$$

$$R = 1.0000$$

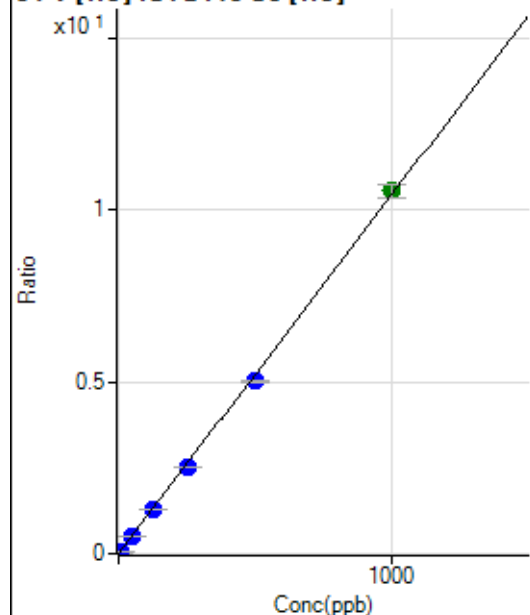
$$DL = 0.0267$$

$$BEC = 0.1503$$

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	13.33	0.0001	P	25.3
2	☐	5.000	5.109	12523.35	0.0534	P	0.4
3	☐	50.000	48.801	122236.03	0.5097	P	2.9
4	☐	125.000	122.237	297520.56	1.2765	P	2.0
5	☐	250.000	243.507	588944.83	2.5429	P	0.3
6	☐	500.000	480.942	1189183.38	5.0224	P	0.9
7	☐	1000.000	1011.557	2471873.26	10.5634	A	3.4
8	☐			798.92	0.0032	P	2.4

$$y = 0.0104 * x + 5.6763\text{E-}005$$

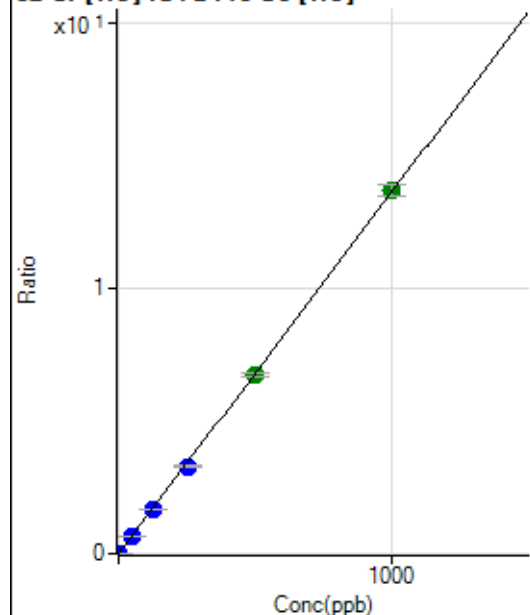
$$R = 0.9997$$

$$DL = 0.00413$$

$$BEC = 0.005436$$

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	1000.05	0.0043	P	7.2
2	☐	2.000	1.983	7324.16	0.0312	P	3.0
3	☐	50.000	48.824	160388.62	0.6687	P	0.8
4	☐	125.000	121.676	386947.04	1.6601	P	1.3
5	☐	250.000	241.975	763649.32	3.2973	P	0.5
6	☐	500.000	495.867	1598888.55	6.7524	A	1.9
7	☐	1000.000	1004.547	3200304.75	13.6750	A	3.1
8	☐			12239.76	0.0483	P	2.0

$$y = 0.0136 * x + 0.0043$$

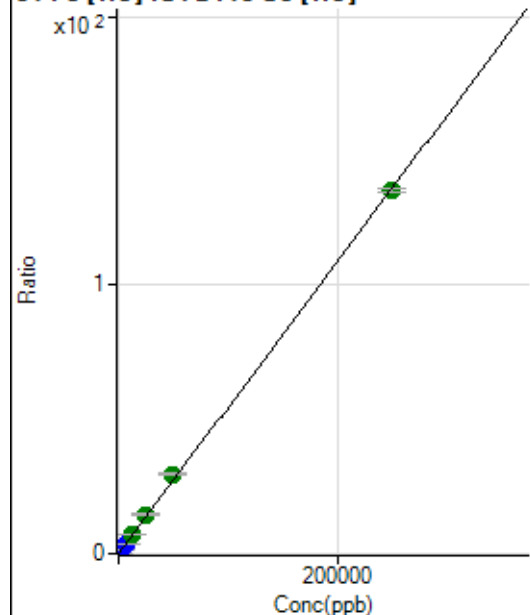
$$R = 1.0000$$

$$DL = 0.06762$$

$$BEC = 0.3124$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	633.36	0.0027	P	25.2
2	☐	50.000	55.832	7741.15	0.0330	P	2.8
3	☐	2500.000	2695.081	351730.40	1.4665	P	1.4
4	☐	6250.000	6660.135	843742.78	3.6200	P	1.2
5	☐	12500.000	13712.448	1725480.05	7.4502	A	1.5
6	☐	25000.000	27010.742	3474165.24	14.6729	A	1.4
7	☐	50000.000	54538.278	6932418.96	29.6237	A	3.3
8	☐	250000.00	248818.44	34243191.27	135.1417	A	1.1

$$y = 5.4312E-004 * x + 0.0027$$

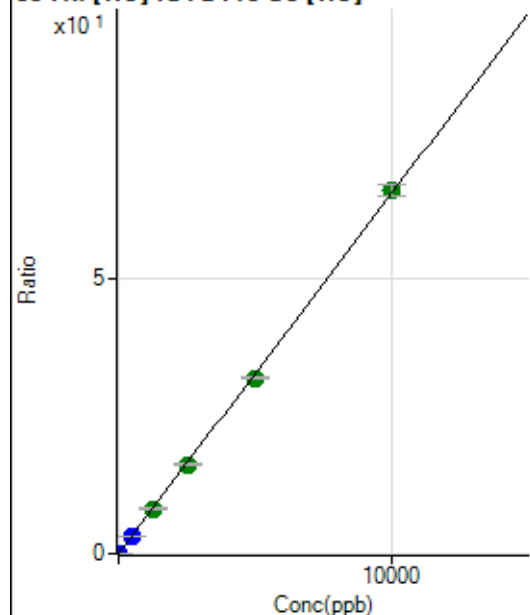
$$R = 0.9998$$

$$DL = 3.757$$

$$BEC = 4.968$$

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	268.89	0.0011	P	12.2
2	☐	1.000	1.026	1841.25	0.0079	P	3.6
3	☐	500.000	492.836	772731.94	3.2220	P	2.4
4	☐	1250.000	1241.950	1891846.03	8.1177	A	3.2
5	☐	2500.000	2472.970	3743347.44	16.1627	A	1.0
6	☐	5000.000	4868.802	7534012.18	31.8202	A	1.0
7	☐	10000.000	10073.721	15405912.55	65.8359	A	3.2
8	☐			17824.55	0.0704	P	2.7

$$y = 0.0065 * x + 0.0011$$

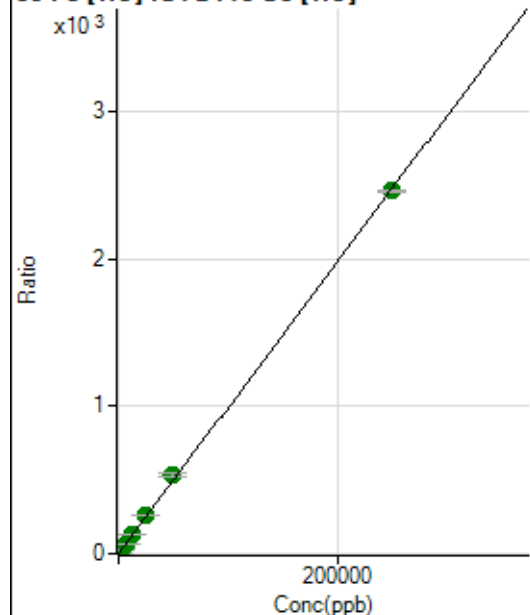
$$R = 0.9999$$

$$DL = 0.06416$$

$$BEC = 0.175$$

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	4728.65	0.0201	P	2.4
2	☐	50.000	54.527	131050.14	0.5589	P	1.6
3	☐	2500.000	2672.253	6338105.23	26.4273	A	2.4
4	☐	6250.000	6620.756	15254201.15	65.4463	A	1.8
5	☐	12500.000	13315.007	30478608.32	131.5987	A	0.2
6	☐	25000.000	26212.916	61335809.24	259.0556	A	1.3
7	☐	50000.000	54171.353	125266258.3	535.3402	A	3.4
8	☐	250000.00	248992.69	623491895.4	2460.560	A	0.7

$$y = 0.0099 * x + 0.0201$$

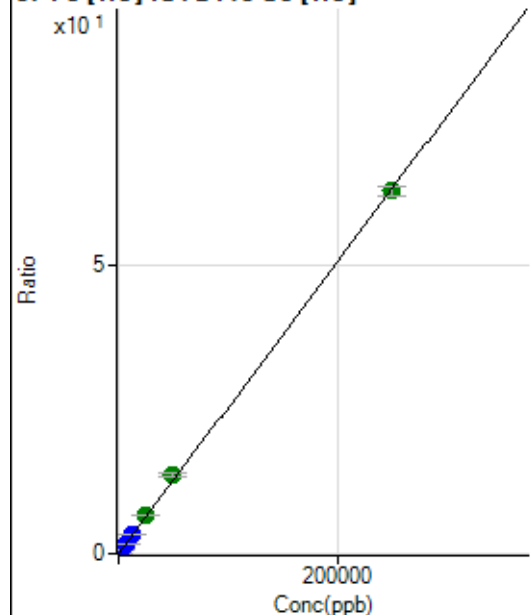
$$R = 0.9998$$

$$DL = 0.1486$$

$$BEC = 2.035$$

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	135.19	0.0006	P	8.5
2	☐	50.000	54.577	3359.71	0.0143	P	2.4
3	☐	2500.000	2616.954	158334.17	0.6601	P	1.4
4	☐	6250.000	6518.735	383078.74	1.6435	P	1.3
5	☐	12500.000	13006.869	759372.72	3.2788	P	0.4
6	☐	25000.000	26880.189	1604200.74	6.7754	A	1.2
7	☐	50000.000	53686.028	3165815.99	13.5315	A	4.7
8	☐	250000.00	249041.54	15903533.57	62.7684	A	2.4

$$y = 2.5204\text{E-}004 * x + 5.7469\text{E-}004$$

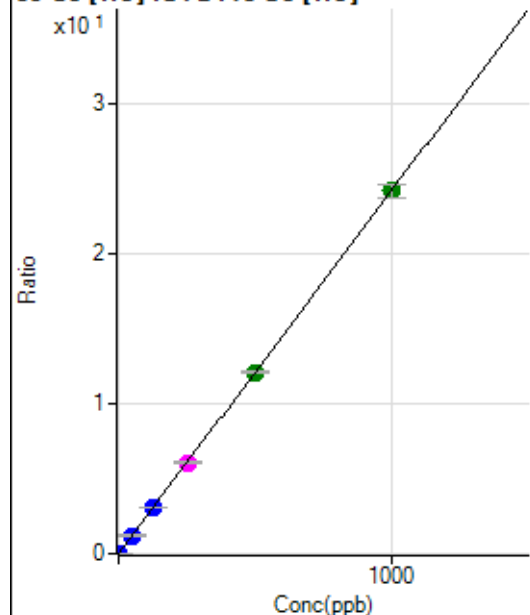
$$R = 0.9999$$

$$DL = 0.5794$$

$$BEC = 2.28$$

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	94.44	0.0004	P	9.2
2	☐	1.000	1.003	5792.34	0.0247	P	1.5
3	☐	50.000	50.146	291541.51	1.2156	P	1.7
4	☐	125.000	125.440	708600.15	3.0401	P	1.4
5	☐	250.000	251.269	1410345.47	6.0892	M	3.1
6	☐	500.000	500.017	2868975.44	12.1170	A	1.1
7	☐	1000.000	999.612	5668144.22	24.2233	A	3.4
8	☐			14103.73	0.0557	P	3.8

$$y = 0.0242 * x + 4.0182\text{E-}004$$

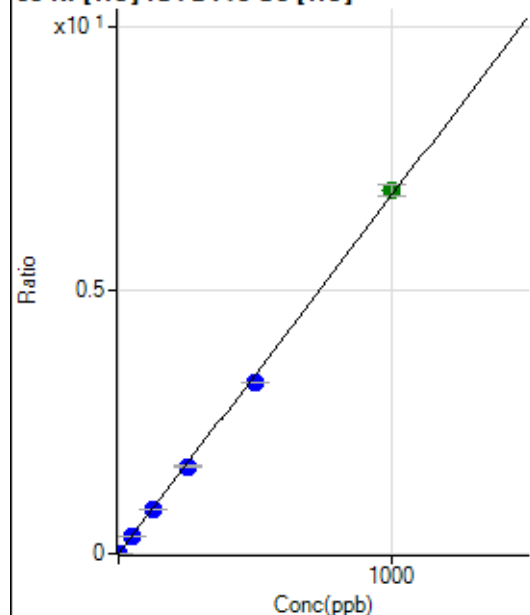
$$R = 1.0000$$

$$DL = 0.004599$$

$$BEC = 0.01658$$

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	143.34	0.0006	P	19.8
2	☐	1.000	1.075	1855.70	0.0079	P	3.5
3	☐	50.000	49.868	81448.05	0.3396	P	0.6
4	☐	125.000	123.774	196246.74	0.8419	P	0.7
5	☐	250.000	243.781	383907.29	1.6576	P	0.5
6	☐	500.000	477.372	768421.61	3.2453	P	0.5
7	☐	1000.000	1013.029	1611408.78	6.8862	A	3.2
8	☐			6322.57	0.0250	P	2.1

$$y = 0.0068 * x + 6.0886E-004$$

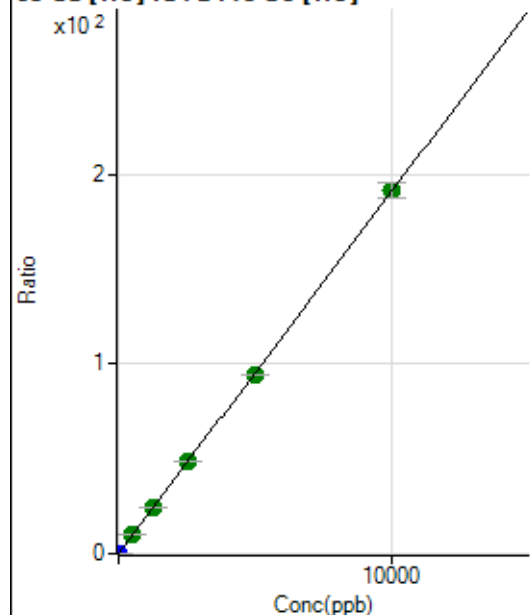
$$R = 0.9996$$

$$DL = 0.0533$$

$$BEC = 0.08958$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1195.62	0.0051	P	5.0
2	☐	2.000	1.994	10127.04	0.0432	P	1.1
3	☐	500.000	525.934	2411528.02	10.0553	A	3.1
4	☐	1250.000	1271.617	5665206.51	24.3047	A	0.6
5	☐	2500.000	2525.440	11178099.28	48.2643	A	0.2
6	☐	5000.000	4938.785	22347278.83	94.3814	A	0.7
7	☐	10000.000	10020.249	44801117.11	191.4842	A	4.4
8	☐			14020.36	0.0553	P	1.2

$$y = 0.0191 * x + 0.0051$$

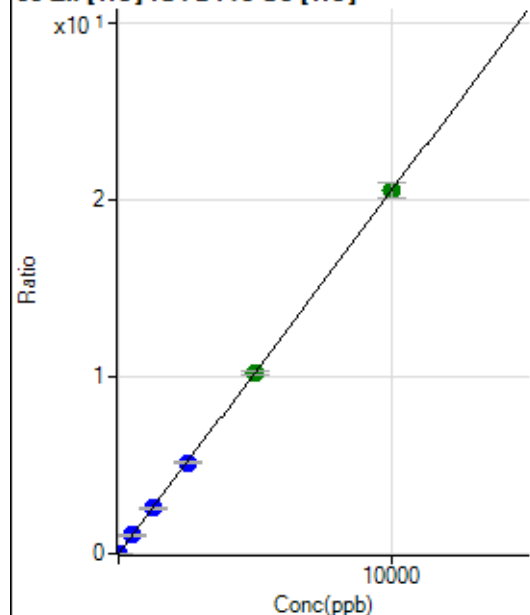
$$R = 1.0000$$

$$DL = 0.03961$$

$$BEC = 0.2661$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	558.91	0.0024	P	6.5
2	☐	2.000	2.427	1722.35	0.0074	P	10.6
3	☐	500.000	506.807	249713.67	1.0412	P	1.8
4	☐	1250.000	1249.242	597332.13	2.5629	P	2.0
5	☐	2500.000	2510.807	1192439.04	5.1487	P	0.7
6	☐	5000.000	5002.921	2428602.55	10.2567	A	2.2
7	☐	10000.000	9995.592	4793810.66	20.4901	A	4.3
8	☐			19175.29	0.0757	P	2.1

$$y = 0.0020 * x + 0.0024$$

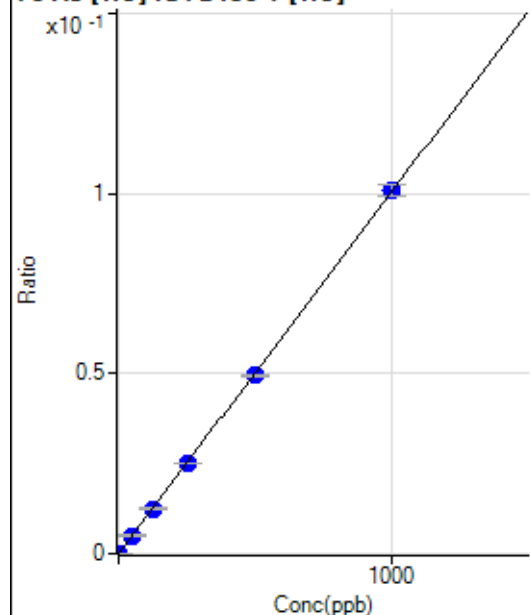
$$R = 1.0000$$

$$DL = 0.2267$$

$$BEC = 1.159$$

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	28.00	0.0000	P	8.9
2	☐	1.000	0.975	304.04	0.0001	P	7.5
3	☐	50.000	50.341	14623.01	0.0051	P	1.2
4	☐	125.000	124.427	35380.55	0.0125	P	1.2
5	☐	250.000	250.497	70428.03	0.0252	P	0.3
6	☐	500.000	493.109	141892.29	0.0496	P	0.6
7	☐	1000.000	1003.376	289709.68	0.1009	P	3.3
8	☐			126.01	0.0000	P	0.8

$$y = 1.0050E-004 * x + 9.9636E-006$$

$$R = 1.0000$$

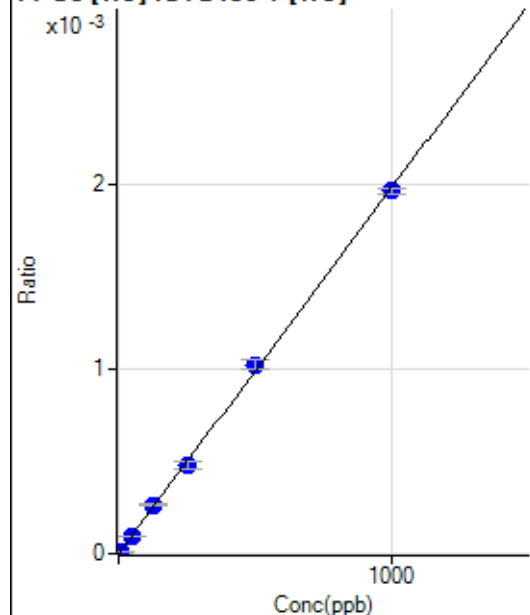
$$DL = 0.02646$$

$$BEC = 0.09914$$

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	4.775	27.78	0.0000	P	24.7
3	☐	50.000	48.262	276.67	0.0001	P	3.4
4	☐	125.000	133.069	745.59	0.0003	P	4.3
5	☐	250.000	242.348	1342.30	0.0005	P	7.6
6	☐	500.000	517.784	2934.78	0.0010	P	4.6
7	☐	1000.000	992.100	5643.40	0.0020	P	1.6
8	☐			1.11	0.0000	P	173.2

$$y = 1.9793\text{E-}006 * x + 3.9274\text{E-}007$$

$$R = 0.9997$$

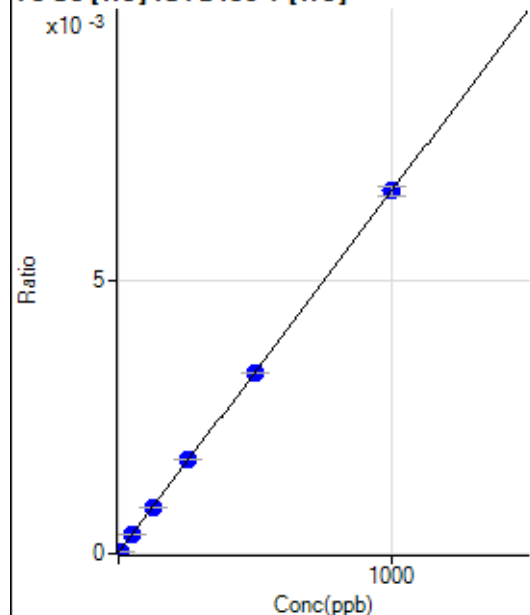
$$DL = 1.031$$

$$BEC = 0.1984$$

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	59.34	0.0000	P	5.7
2	☐	5.000	4.563	145.02	0.0001	P	0.4
3	☐	50.000	52.086	1059.15	0.0004	P	0.8
4	☐	125.000	125.116	2409.12	0.0009	P	2.2
5	☐	250.000	256.411	4821.65	0.0017	P	1.2
6	☐	500.000	496.366	9498.16	0.0033	P	0.8
7	☐	1000.000	1000.098	19144.88	0.0067	P	2.9
8	☐			71.01	0.0000	P	13.2

$$y = 6.6425\text{E-}006 * x + 2.1126\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.5465$$

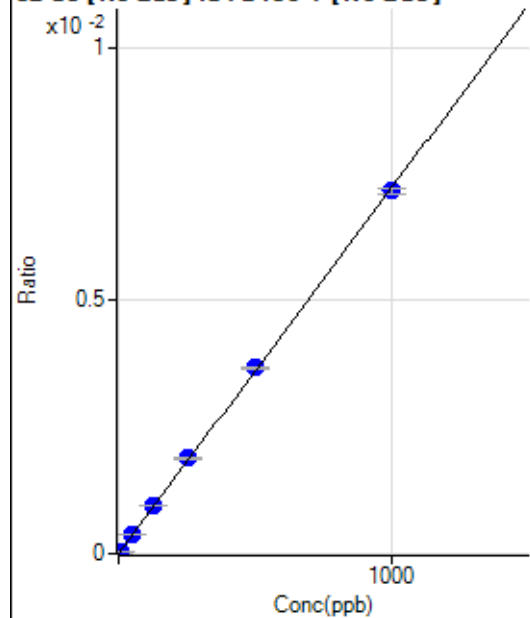
$$BEC = 3.18$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			23427.11		P	2.7
2	☐			24560.32		P	0.8
3	☐			23808.09		P	2.4
4	☐			23366.90		P	1.6
5	☐			22467.91		P	2.2
6	☐			23052.74		P	1.1
7	☐			24837.47		P	0.6
8	☐			27171.03		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.99	0.0000	P	4393.
2	☐	5.000	5.624	1182.56	0.0000	P	7.8
3	☐	50.000	53.418	11534.61	0.0004	P	1.0
4	☐	125.000	132.327	27961.08	0.0010	P	1.6
5	☐	250.000	260.893	55668.18	0.0019	P	1.0
6	☐	500.000	507.971	112123.72	0.0037	P	1.8
7	☐	1000.000	992.201	220553.90	0.0072	P	1.6
8	☐			250.68	0.0000	P	27.4

$$y = 7.2190E-006 * x + 6.3846E-008$$

$$R = 0.9999$$

$$DL = 1.166$$

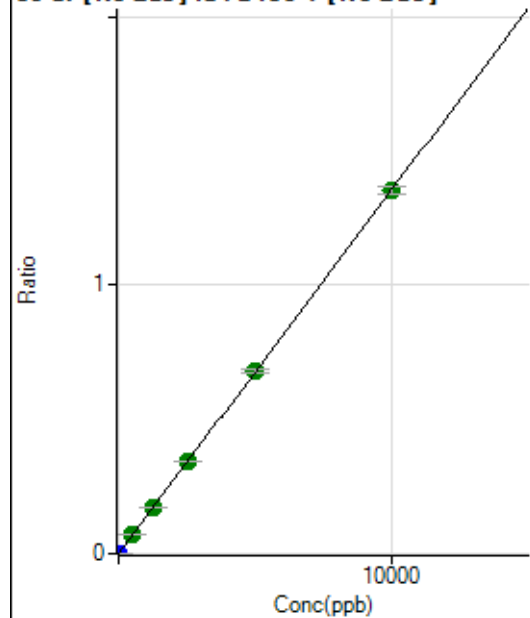
$$BEC = 0.008844$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			945.60		P	5.3
2	☐			878.93		P	4.5
3	☐			967.82		P	2.6
4	☐			962.27		P	7.6
5	☐			950.04		P	6.0
6	☐			993.38		P	9.7
7	☐			992.27		P	4.7
8	☐			1026.72		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1500.12	0.0001	P	4.0
2	☐	1.000	1.159	6043.13	0.0002	P	10.3
3	☐	500.000	510.866	2071218.25	0.0693	A	1.2
4	☐	1250.000	1287.117	5104977.03	0.1744	A	1.2
5	☐	2500.000	2528.232	10124771.50	0.3425	A	1.2
6	☐	5000.000	5019.233	20789255.32	0.6800	A	2.1
7	☐	10000.000	9978.143	41620420.03	1.3517	A	2.1
8	☐			19728.21	0.0006	P	2.2

$$y = 1.3546E-004 * x + 5.0920E-005$$

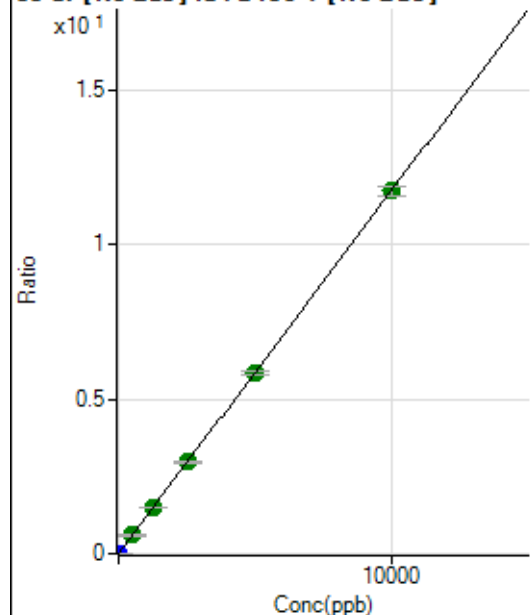
$$R = 1.0000$$

$$DL = 0.04494$$

$$BEC = 0.3759$$

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	772.27	0.0000	P	3.9
2	☐	1.000	1.109	38631.98	0.0013	P	1.4
3	☐	500.000	503.988	17697113.42	0.5918	A	1.6
4	☐	1250.000	1284.097	44126153.42	1.5077	A	1.6
5	☐	2500.000	2517.336	87358863.06	2.9556	A	1.1
6	☐	5000.000	4993.208	179247331.7	5.8626	A	1.8
7	☐	10000.000	9994.600	361271913.6	11.7347	A	3.0
8	☐			160518.16	0.0052	P	3.4

$$y = 0.0012 * x + 2.6214E-005$$

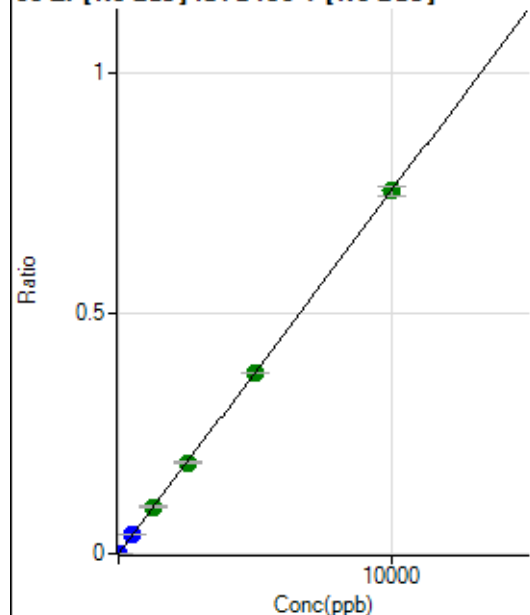
$$R = 1.0000$$

$$DL = 0.002589$$

$$BEC = 0.02233$$

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	1127.85	0.0000	P	12.3
2	☐	1.000	9.864	22732.87	0.0008	P	1.8
3	☐	500.000	507.151	1144355.39	0.0383	P	0.7
4	☐	1250.000	1287.901	2841784.29	0.0971	A	2.6
5	☐	2500.000	2514.418	5602364.41	0.1895	A	0.4
6	☐	5000.000	4990.414	11502299.56	0.3761	A	0.4
7	☐	10000.000	9996.092	23196063.54	0.7534	A	2.5
8	☐			7630.07	0.0002	P	4.1

$$y = 7.5366E-005 * x + 3.8263E-005$$

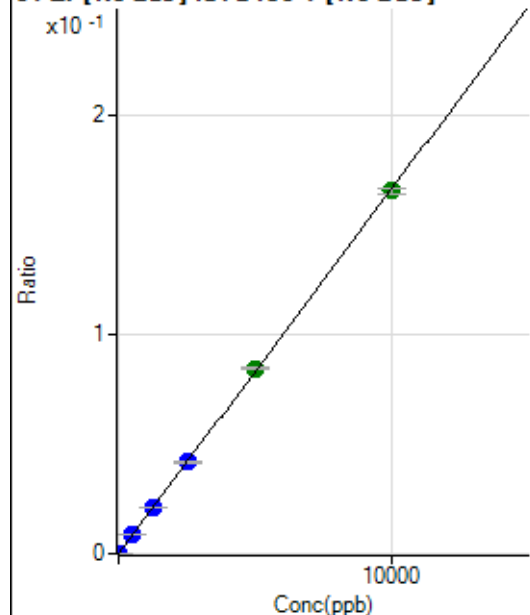
$$R = 1.0000$$

$$DL = 0.1873$$

$$BEC = 0.5077$$

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	225.01	0.0000	P	15.4
2	☐	1.000	9.744	4931.58	0.0002	P	4.6
3	☐	500.000	506.786	252159.30	0.0084	P	0.6
4	☐	1250.000	1276.721	621299.41	0.0212	P	1.9
5	☐	2500.000	2526.488	1241305.00	0.0420	P	2.0
6	☐	5000.000	5078.588	2581468.13	0.0844	A	1.6
7	☐	10000.000	9950.404	5092687.92	0.1654	A	1.7
8	☐			1533.46	0.0000	P	6.0

$$y = 1.6621\text{E-}005 * x + 7.6430\text{E-}006$$

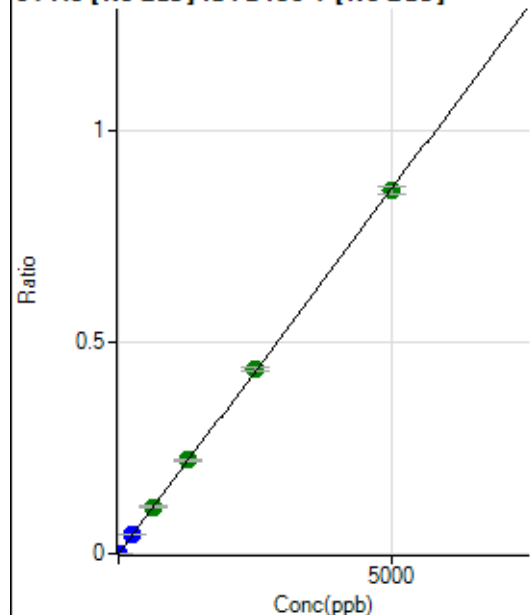
$$R = 1.0000$$

$$DL = 0.2127$$

$$BEC = 0.4598$$

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	480.58	0.0000	P	16.3
2	☐	5.000	5.084	25991.58	0.0009	P	0.9
3	☐	250.000	253.646	1309648.30	0.0438	P	1.9
4	☐	625.000	645.711	3262460.06	0.1115	A	1.7
5	☐	1250.000	1284.709	6553732.65	0.2217	A	1.5
6	☐	2500.000	2527.245	13336427.12	0.4362	A	1.8
7	☐	5000.000	4974.929	26436872.47	0.8586	A	2.2
8	☐			9142.13	0.0003	P	2.8

$$y = 1.7259\text{E-}004 * x + 1.6326\text{E-}005$$

$$R = 0.9999$$

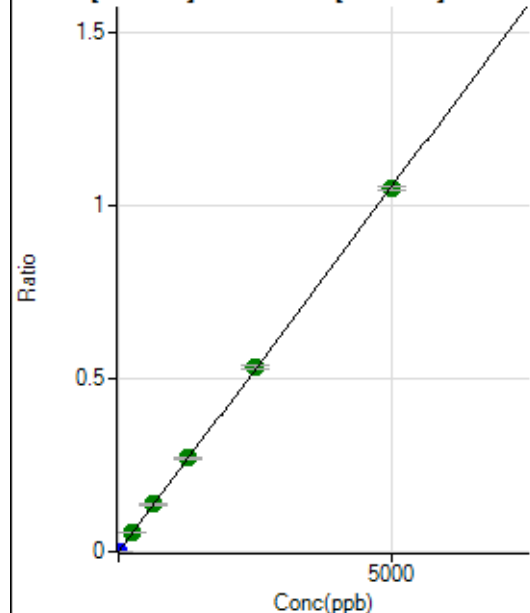
$$DL = 0.04629$$

$$BEC = 0.09459$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	275.01	0.0000	P	17.5
2	☐	5.000	5.145	31764.85	0.0011	P	1.7
3	☐	250.000	254.733	1603596.68	0.0536	A	1.7
4	☐	625.000	647.204	3986901.96	0.1362	A	1.5
5	☐	1250.000	1287.523	8008581.34	0.2710	A	1.6
6	☐	2500.000	2527.488	16263708.69	0.5319	A	1.7
7	☐	5000.000	4973.863	32234703.84	1.0468	A	1.1
8	☐			10787.85	0.0004	P	3.2

$$y = 2.1045\text{E-}004 * x + 9.3298\text{E-}006$$

R = 0.9999

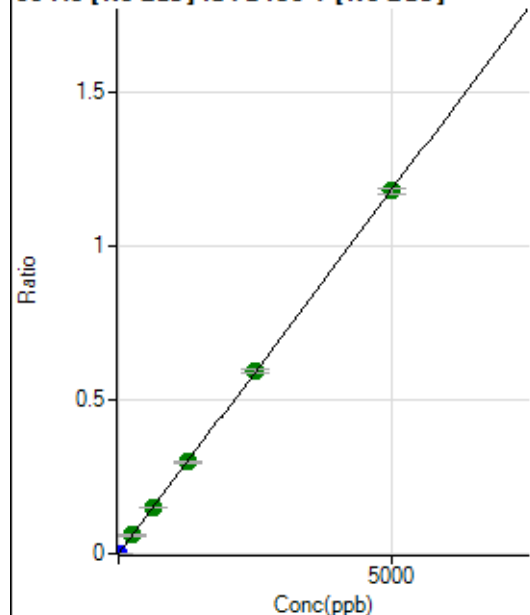
DL = 0.02326

BEC = 0.04433

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	441.68	0.0000	P	10.2
2	☐	5.000	5.029	34930.69	0.0012	P	1.1
3	☐	250.000	252.871	1784285.04	0.0597	A	1.4
4	☐	625.000	641.523	4429369.41	0.1513	A	1.5
5	☐	1250.000	1259.094	8776938.48	0.2970	A	2.2
6	☐	2500.000	2512.053	18117461.69	0.5925	A	1.9
7	☐	5000.000	4989.491	36241398.73	1.1769	A	1.6
8	☐			26425.89	0.0009	P	2.3

$$y = 2.3587\text{E-}004 * x + 1.4983\text{E-}005$$

R = 1.0000

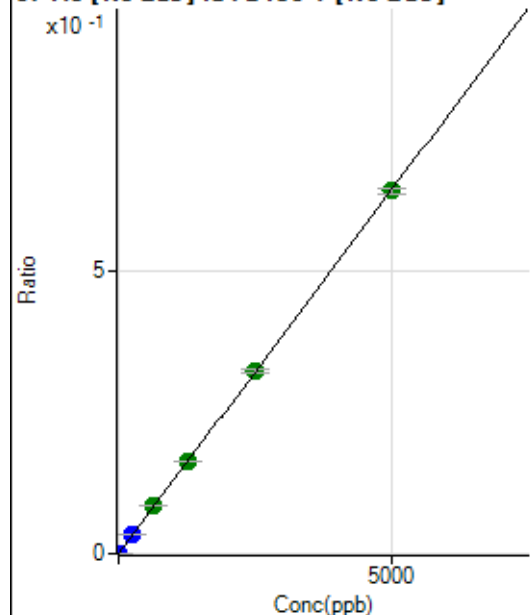
DL = 0.01944

BEC = 0.06352

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	155.56	0.0000	P	17.0
2	☐	5.000	5.238	19708.87	0.0007	P	1.6
3	☐	250.000	255.373	980616.66	0.0328	P	1.1
4	☐	625.000	652.827	2453424.69	0.0838	A	0.6
5	☐	1250.000	1271.366	4823646.25	0.1632	A	1.6
6	☐	2500.000	2504.406	9830419.67	0.3215	A	1.9
7	☐	5000.000	4988.708	19719462.94	0.6404	A	1.3
8	☐			6468.36	0.0002	P	4.6

$$y = 1.2837E-004 * x + 5.2799E-006$$

$$R = 1.0000$$

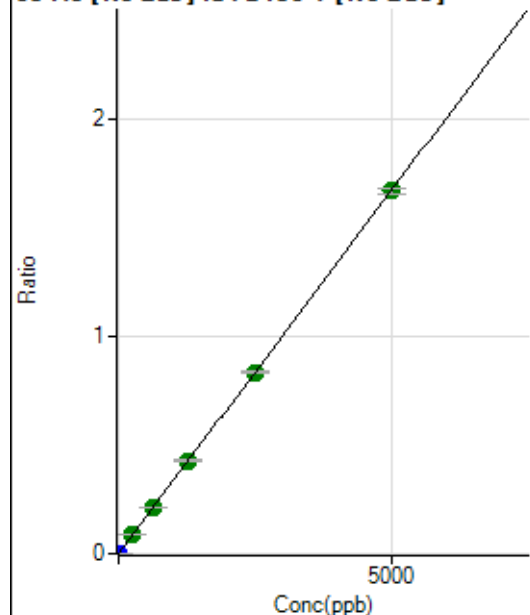
$$DL = 0.02096$$

$$BEC = 0.04113$$

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	375.01	0.0000	P	16.4
2	☐	5.000	5.101	50063.45	0.0017	P	1.6
3	☐	250.000	258.822	2593148.56	0.0867	A	0.9
4	☐	625.000	644.990	6324667.33	0.2161	A	0.5
5	☐	1250.000	1275.326	12625445.08	0.4272	A	1.9
6	☐	2500.000	2496.243	25566139.63	0.8361	A	1.0
7	☐	5000.000	4992.607	51493509.83	1.6723	A	1.5
8	☐			15486.84	0.0005	P	4.3

$$y = 3.3495E-004 * x + 1.2738E-005$$

$$R = 1.0000$$

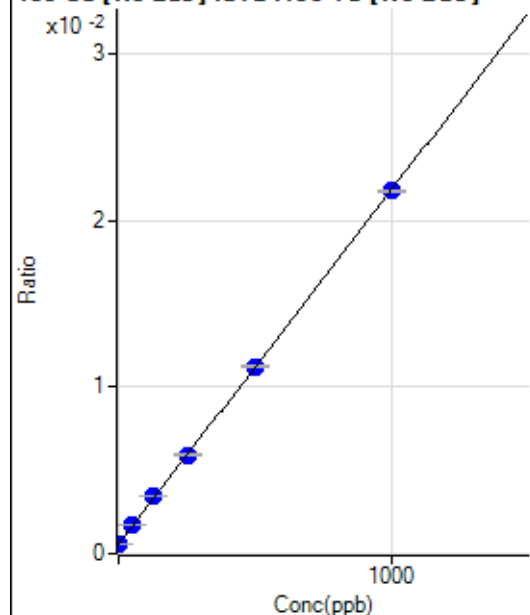
$$DL = 0.0187$$

$$BEC = 0.03803$$

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	8055.33	0.0006	P	5.2
2	☐	1.000	2.060	8600.11	0.0006	P	1.0
3	☐	50.000	53.137	24263.62	0.0017	P	1.9
4	☐	125.000	136.496	48268.45	0.0035	P	1.5
5	☐	250.000	251.833	84346.96	0.0059	P	0.9
6	☐	500.000	501.844	167252.82	0.0112	P	1.5
7	☐	1000.000	997.025	320931.79	0.0218	P	0.6
8	☐			8872.54	0.0006	P	2.8

$$y = 2.1246\text{E-}005 * x + 5.7660\text{E-}004$$

R = 0.9999

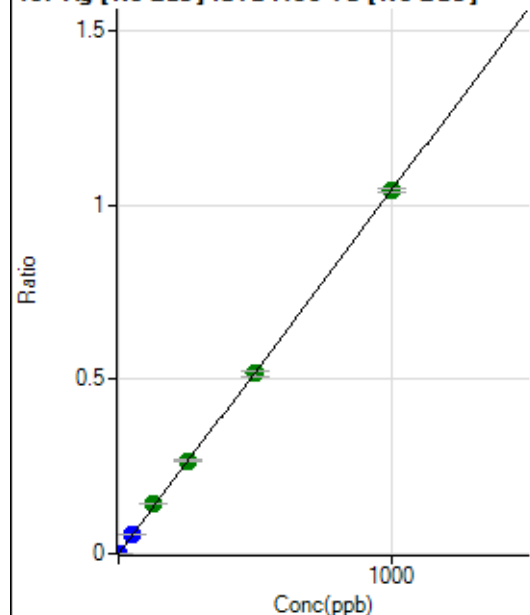
DL = 4.214

BEC = 27.14

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	380.57	0.0000	P	24.3
2	☐	1.000	0.992	14713.76	0.0011	P	1.8
3	☐	50.000	51.715	767338.12	0.0539	P	0.6
4	☐	125.000	136.611	1977607.12	0.1424	A	1.2
5	☐	250.000	254.883	3781084.81	0.2657	A	2.1
6	☐	500.000	496.588	7703171.53	0.5177	A	3.3
7	☐	1000.000	998.948	15358286.46	1.0413	A	1.1
8	☐			4962.16	0.0003	P	9.4

$$y = 0.0010 * x + 2.7200\text{E-}005$$

R = 0.9999

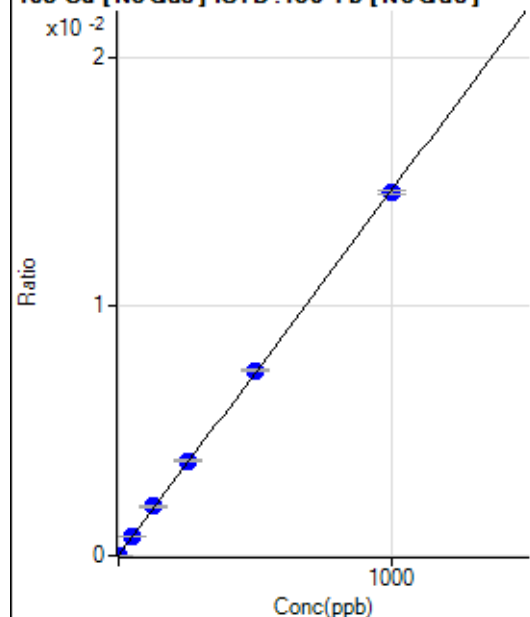
DL = 0.01901

BEC = 0.02609

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	140.28	0.0000	P	28.4
2	☐	1.000	0.924	326.40	0.0000	P	14.1
3	☐	50.000	53.695	11336.71	0.0008	P	2.8
4	☐	125.000	133.972	27398.22	0.0020	P	3.0
5	☐	250.000	260.005	54365.30	0.0038	P	2.1
6	☐	500.000	506.361	110591.01	0.0074	P	1.6
7	☐	1000.000	993.012	214790.55	0.0146	P	1.2
8	☐			208.34	0.0000	P	15.3

$$y = 1.4656E-005 * x + 1.0029E-005$$

R = 0.9999

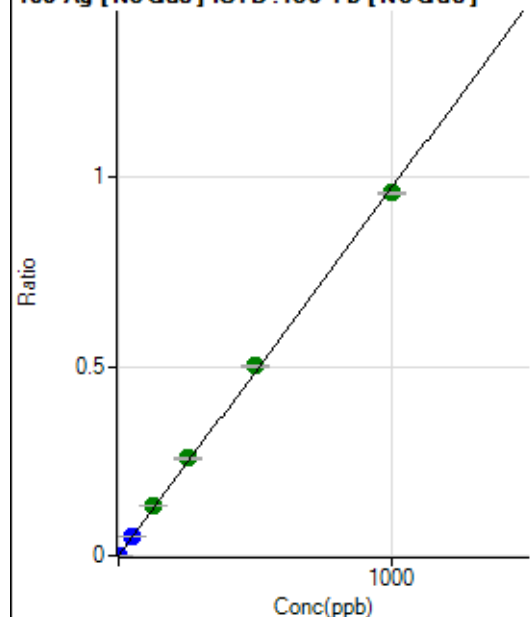
DL = 0.5821

BEC = 0.6843

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	325.01	0.0000	P	5.8
2	☐	1.000	1.003	13835.17	0.0010	P	2.2
3	☐	50.000	53.721	743426.64	0.0523	P	0.4
4	☐	125.000	136.326	1840356.94	0.1326	A	2.3
5	☐	250.000	264.966	3666571.22	0.2576	A	1.3
6	☐	500.000	515.368	7457453.73	0.5011	A	1.4
7	☐	1000.000	986.972	14152564.90	0.9596	A	0.7
8	☐			4692.59	0.0003	P	4.0

$$y = 9.7223E-004 * x + 2.3258E-005$$

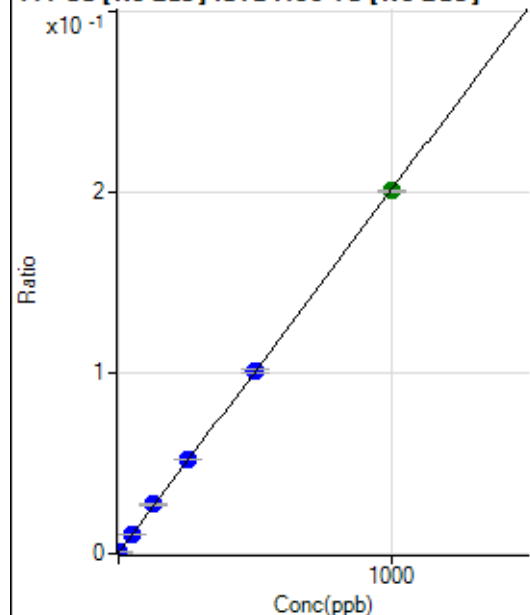
R = 0.9997

DL = 0.004167

BEC = 0.02392

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	5655.82	0.0004	P	5.3
2	☐	1.000	1.093	8654.44	0.0006	P	2.1
3	☐	50.000	52.478	155608.92	0.0109	P	0.3
4	☐	125.000	133.754	378319.54	0.0272	P	1.3
5	☐	250.000	256.706	738992.90	0.0519	P	0.6
6	☐	500.000	500.971	1502224.35	0.1009	P	2.2
7	☐	1000.000	996.620	2955863.99	0.2004	A	0.8
8	☐			7141.39	0.0005	P	2.6

$$y = 2.0070\text{E-}004 * x + 4.0485\text{E-}004$$

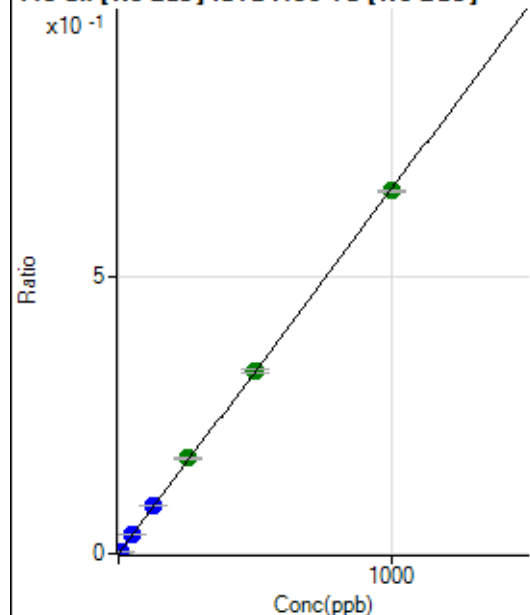
$$R = 0.9999$$

$$DL = 0.3215$$

$$BEC = 2.017$$

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	758.38	0.0001	P	4.8
2	☐	5.000	4.990	46125.49	0.0033	P	0.5
3	☐	50.000	51.837	484531.77	0.0341	P	1.9
4	☐	125.000	131.292	1196573.36	0.0862	P	1.7
5	☐	250.000	262.481	2450988.05	0.1723	A	2.0
6	☐	500.000	501.801	4899734.87	0.3293	A	1.8
7	☐	1000.000	995.101	9628969.57	0.6529	A	0.4
8	☐			6952.56	0.0005	P	7.0

$$y = 6.5604\text{E-}004 * x + 5.4307\text{E-}005$$

$$R = 0.9999$$

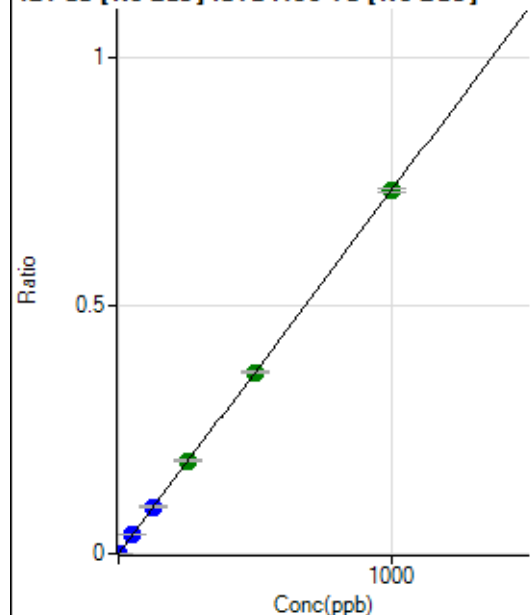
$$DL = 0.01196$$

$$BEC = 0.08278$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	13.1
2	☐	2.000	1.976	20126.44	0.0015	P	1.7
3	☐	50.000	50.864	529731.80	0.0372	P	0.8
4	☐	125.000	129.335	1314349.50	0.0947	P	2.0
5	☐	250.000	256.006	2666119.61	0.1874	A	2.7
6	☐	500.000	499.105	5436504.50	0.3653	A	1.3
7	☐	1000.000	998.361	10777085.83	0.7307	A	1.0
8	☐			6443.36	0.0004	P	8.6

$$y = 7.3192\text{E-}004 * x + 5.5719\text{E-}006$$

$$R = 1.0000$$

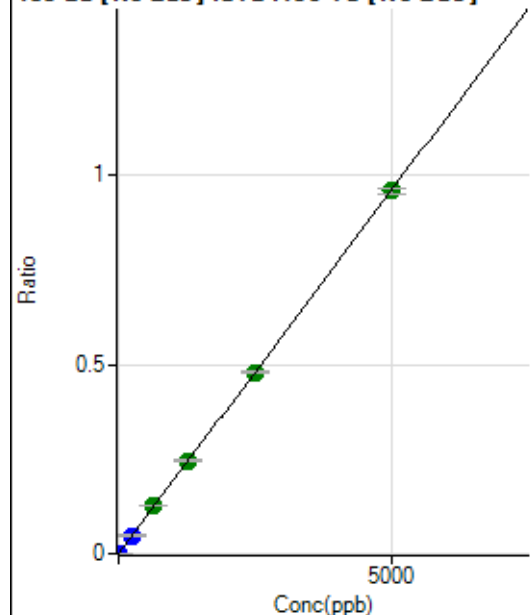
$$DL = 0.002982$$

$$BEC = 0.007613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	32.0
2	☐	10.000	10.168	27152.90	0.0020	P	1.4
3	☐	250.000	250.484	685065.18	0.0482	P	1.6
4	☐	625.000	662.881	1768995.68	0.1274	A	2.0
5	☐	1250.000	1281.249	3503975.99	0.2463	A	3.3
6	☐	2500.000	2493.437	7132833.58	0.4793	A	0.8
7	☐	5000.000	4990.710	14147600.14	0.9593	A	1.7
8	☐			6162.66	0.0004	P	2.5

$$y = 1.9221\text{E-}004 * x + 4.5642\text{E-}006$$

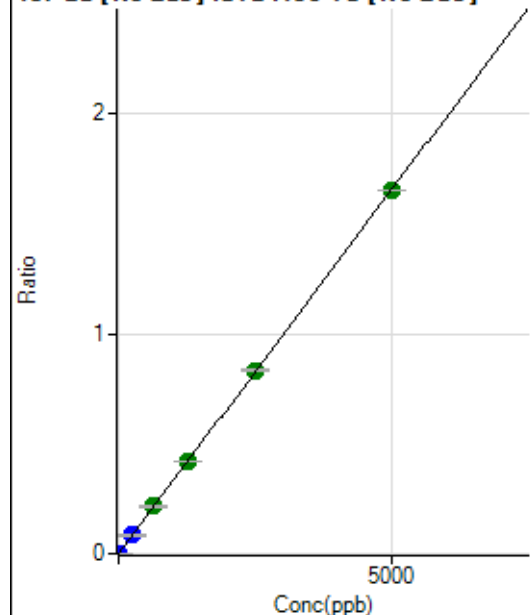
$$R = 1.0000$$

$$DL = 0.02278$$

$$BEC = 0.02375$$

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	69.44	0.0000	P	28.8
2	☐	10.000	10.149	46614.45	0.0034	P	3.4
3	☐	250.000	252.659	1189615.22	0.0836	P	1.9
4	☐	625.000	654.084	3005336.27	0.2165	A	2.3
5	☐	1250.000	1267.803	5970559.86	0.4196	A	1.8
6	☐	2500.000	2512.122	12373449.15	0.8314	A	0.9
7	☐	5000.000	4985.720	24336336.66	1.6501	A	0.1
8	☐			10732.31	0.0007	P	4.5

$$y = 3.3096E-004 * x + 4.9806E-006$$

$$R = 1.0000$$

$$DL = 0.013$$

$$BEC = 0.01505$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			4.45		P	86.6
3	☐			31.11		P	44.6
4	☐			82.22		P	33.8
5	☐			173.34		P	11.5
6	☐			282.23		P	8.9
7	☐			586.69		P	10.8
8	☐			131.12		P	12.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			3.33		P	173.2
5	☐			7.78		P	65.5
6	☐			11.11		P	45.8
7	☐			24.44		P	61.5
8	☐			30.00		P	61.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.00		P	33.3
2	☐			11.11		P	114.6
3	☐			55.56		P	37.8
4	☐			55.56		P	60.6
5	☐			138.89		P	17.3
6	☐			286.12		P	22.2
7	☐			500.03		P	10.4
8	☐			1886.30		P	10.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			12.22		P	15.7
2	☐			4.44		P	43.4
3	☐			13.33		P	25.0
4	☐			17.78		P	47.2
5	☐			48.89		P	59.6
6	☐			107.78		P	31.6
7	☐			258.89		P	22.9
8	☐			958.93		P	5.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			111.11		P	8.7
2	☐			130.56		P	13.3
3	☐			138.89		P	3.5
4	☐			158.34		P	18.2
5	☐			233.34		P	32.1
6	☐			325.01		P	24.5
7	☐			586.14		P	0.8
8	☐			2269.70		P	7.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			52.22		P	3.7
2	☐			37.78		P	22.2
3	☐			56.66		P	27.0
4	☐			80.00		P	11.0
5	☐			125.56		P	12.0
6	☐			170.00		P	10.4
7	☐			268.90		P	8.0
8	☐			1218.96		P	1.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			113.89		P	4.2
2	☐			83.34		P	20.0
3	☐			100.00		P	8.3
4	☐			97.23		P	35.7
5	☐			102.78		P	28.5
6	☐			94.45		P	41.7
7	☐			175.01		P	24.7
8	☐			366.68		P	9.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			31.11		P	16.4
2	☐			30.00		P	22.2
3	☐			40.00		P	25.0
4	☐			51.11		P	19.9
5	☐			37.78		P	18.4
6	☐			37.78		P	10.2
7	☐			80.00		P	12.5
8	☐			183.33		P	12.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			55.55		P	69.3
2	☐			33.33		P	25.0
3	☐			22.22		P	21.6
4	☐			25.00		P	88.2
5	☐			41.67		P	20.0
6	☐			38.89		P	24.7
7	☐			52.78		P	18.2
8	☐			105.56		P	22.8

172 Yb [He] No available calibration points

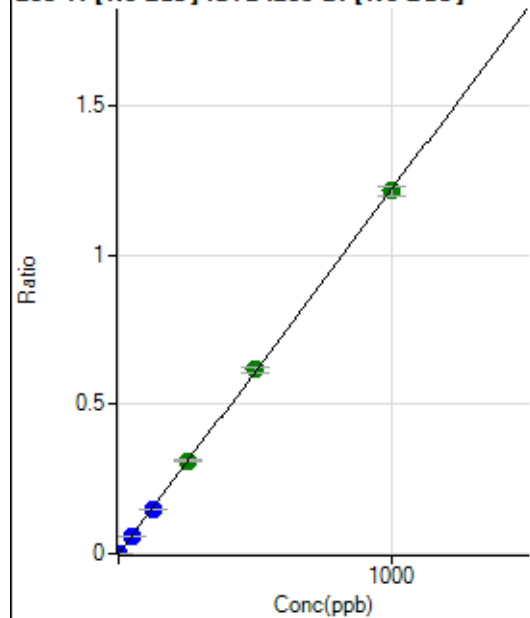
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.82		P	57.3
2	☐			16.67		P	66.6
3	☐			16.67		P	57.7
4	☐			12.96		P	89.2
5	☐			27.78		P	40.0
6	☐			24.07		P	48.0
7	☐			24.08		P	53.3
8	☐			50.00		P	11.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1941.87		P	5.4
2	☐			1877.96		P	6.2
3	☐			3681.19		P	4.0
4	☐			6593.50		P	3.2
5	☐			11816.70		P	3.1
6	☐			22353.00		P	2.6
7	☐			42223.98		P	1.6
8	☐			1950.20		P	5.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2053.90		P	1.3
2	☐			1977.97		P	7.9
3	☐			2900.36		P	4.2
4	☐			4247.07		P	3.3
5	☐			6885.23		P	3.8
6	☐			11555.22		P	2.0
7	☐			22385.92		P	1.3
8	☐			2077.98		P	5.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1197.31	0.0002	P	3.0
2	☐	1.000	0.938	9859.53	0.0013	P	3.4
3	☐	50.000	47.591	452234.31	0.0582	P	1.2
4	☐	125.000	119.817	1130766.30	0.1463	P	1.1
5	☐	250.000	255.935	2396313.31	0.3124	A	1.2
6	☐	500.000	505.575	4860518.21	0.6169	A	3.1
7	☐	1000.000	996.497	9314493.87	1.2157	A	2.8
8	☐			2922.64	0.0004	P	9.0

$$y = 0.0012 * x + 1.5789E-004$$

$$R = 0.9999$$

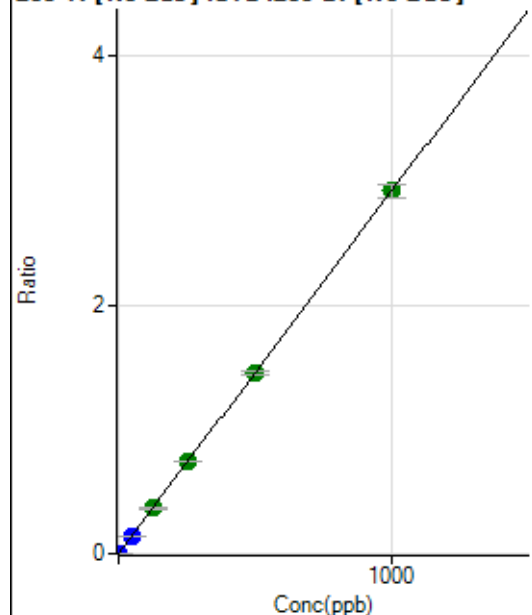
$$DL = 0.01155$$

$$BEC = 0.1294$$

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	2922.65	0.0004	P	7.5
2	☐	1.000	0.976	24448.65	0.0032	P	2.2
3	☐	50.000	47.670	1081184.71	0.1392	P	2.5
4	☐	125.000	125.707	2830920.59	0.3664	A	3.4
5	☐	250.000	253.796	5671989.19	0.7393	A	0.3
6	☐	500.000	496.293	11388586.97	1.4453	A	2.2
7	☐	1000.000	1000.933	22327515.78	2.9145	A	3.9
8	☐			6840.88	0.0010	P	5.9

$$y = 0.0029 * x + 3.8557E-004$$

$$R = 1.0000$$

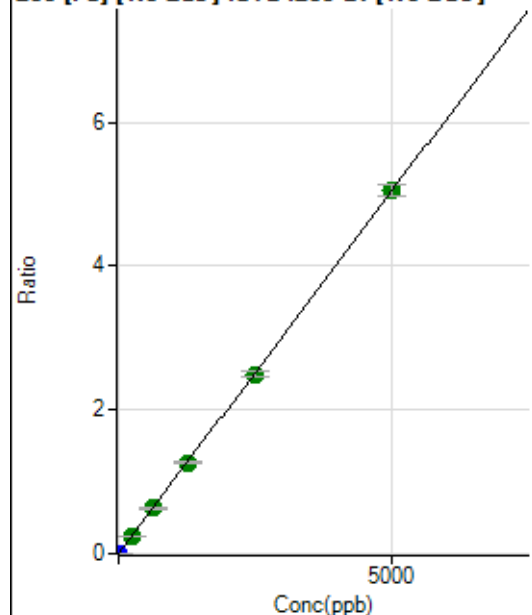
$$DL = 0.02966$$

$$BEC = 0.1324$$

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	1216.75	0.0002	P	6.3
2	☐	1.000	0.956	8512.18	0.0011	P	2.4
3	☐	250.000	246.678	1931656.34	0.2486	A	1.8
4	☐	625.000	627.011	4882233.21	0.6317	A	1.9
5	☐	1250.000	1257.774	9720967.69	1.2671	A	1.3
6	☐	2500.000	2480.494	19689117.11	2.4987	A	2.3
7	☐	5000.000	5007.724	38647865.22	5.0444	A	3.3
8	☐			14538.03	0.0021	P	2.1

$$y = 0.0010 * x + 1.6038E-004$$

$$R = 1.0000$$

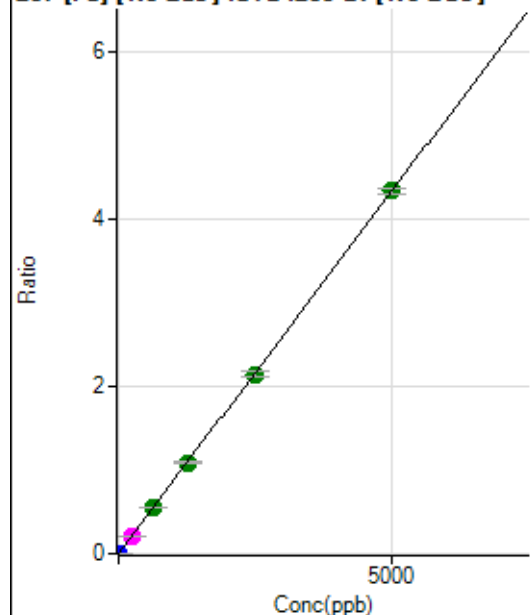
$$DL = 0.02996$$

$$BEC = 0.1592$$

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	1094.51	0.0001	P	14.0
2	☐	1.000	0.938	7242.90	0.0010	P	4.4
3	☐	250.000	241.716	1625914.97	0.2094	M	5.5
4	☐	625.000	631.929	4227701.86	0.5471	A	2.1
5	☐	1250.000	1255.456	8338156.84	1.0868	A	1.7
6	☐	2500.000	2478.545	16904474.57	2.1453	A	3.3
7	☐	5000.000	5008.912	33223296.81	4.3354	A	1.5
8	☐			12361.67	0.0018	P	2.9

$$y = 8.6551\text{E-}004 * x + 1.4425\text{E-}004$$

$$R = 1.0000$$

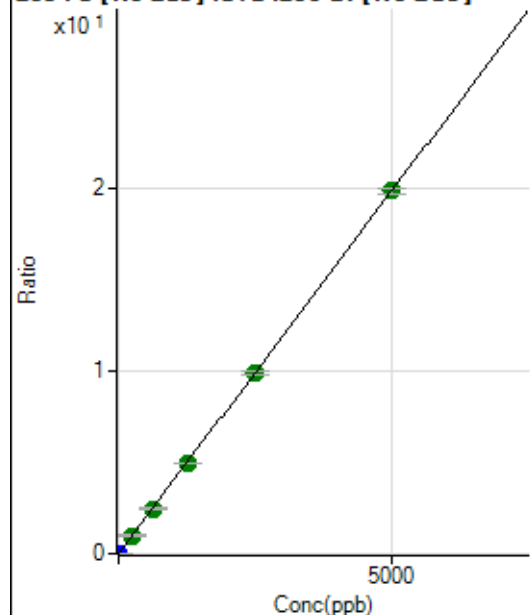
$$DL = 0.07019$$

$$BEC = 0.1667$$

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	4824.51	0.0006	P	4.3
2	☐	1.000	0.964	33821.65	0.0045	P	0.6
3	☐	250.000	248.836	7685381.49	0.9894	A	2.8
4	☐	625.000	623.293	19142438.77	2.4772	A	2.1
5	☐	1250.000	1249.088	38083083.32	4.9637	A	0.4
6	☐	2500.000	2490.642	77988218.99	9.8969	A	2.3
7	☐	5000.000	5005.179	152399024.9	19.8881	A	1.9
8	☐			57239.23	0.0082	P	2.3

$$y = 0.0040 * x + 6.3592\text{E-}004$$

$$R = 1.0000$$

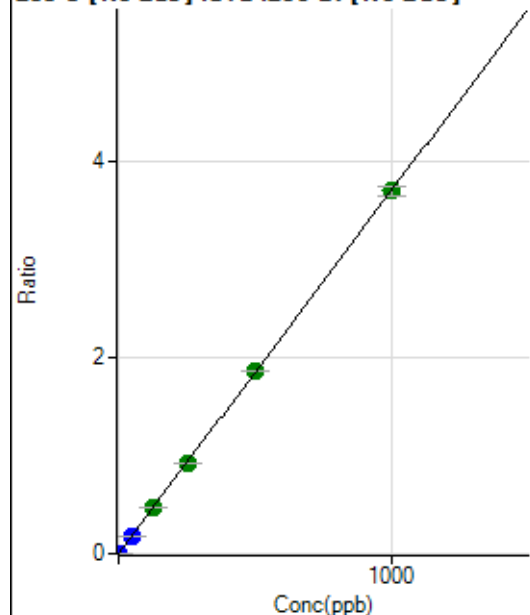
$$DL = 0.02056$$

$$BEC = 0.16$$

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	63.89	0.0000	P	19.0
2	☐	1.000	0.919	25890.86	0.0034	P	2.5
3	☐	50.000	47.604	1371419.84	0.1765	P	1.7
4	☐	125.000	125.771	3604324.82	0.4664	A	1.9
5	☐	250.000	250.320	7122116.91	0.9283	A	0.6
6	☐	500.000	501.892	14669084.18	1.8612	A	0.5
7	☐	1000.000	998.997	28383800.98	3.7046	A	2.9
8	☐			4020.21	0.0006	P	8.3

$$y = 0.0037 * x + 8.4130E-006$$

$$R = 1.0000$$

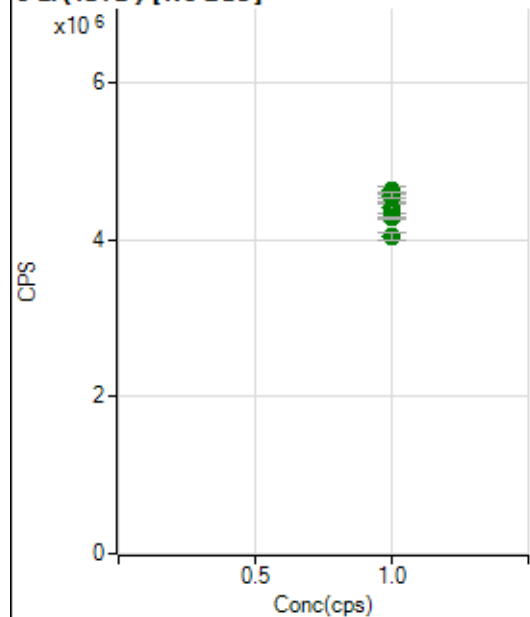
$$DL = 0.001295$$

$$BEC = 0.002269$$

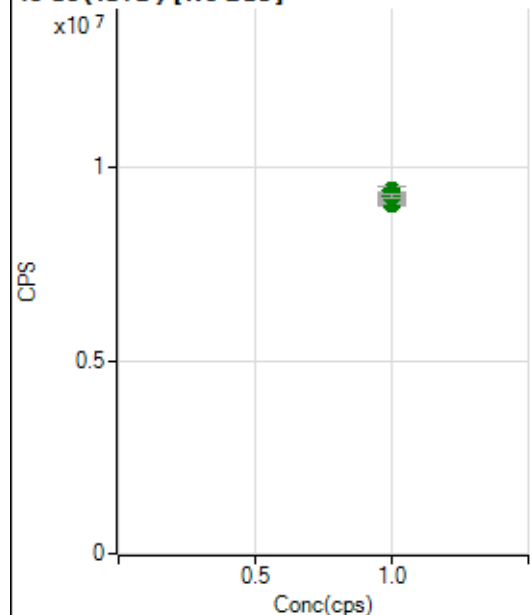
Weight: <None>

Min Conc: 0

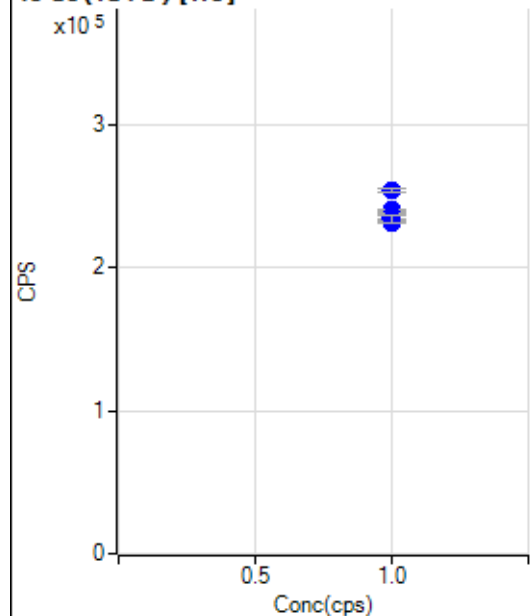
6 Li (ISTD) [No Gas]



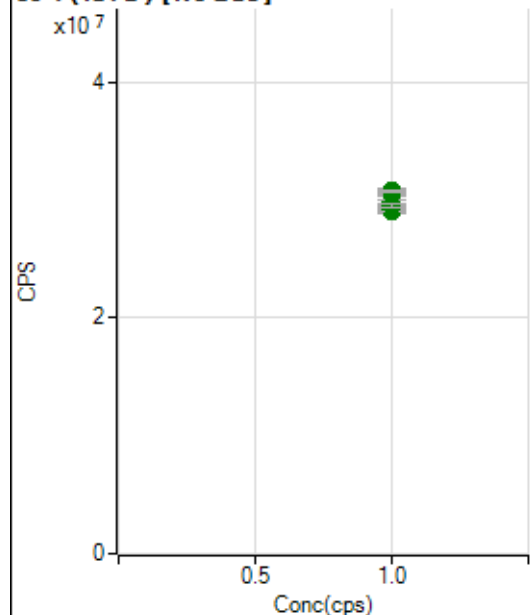
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4400292.42		A	2.7
2	☐	1.000		4526124.42		A	2.6
3	☐	1.000		4616300.92		A	2.1
4	☐	1.000		4606862.85		A	0.2
5	☐	1.000		4555836.60		A	1.1
6	☐	1.000		4559703.74		A	1.4
7	☐	1.000		4273559.77		A	0.7
8	☐	1.000		4040243.48		A	2.0

45 Sc (ISTD) [No Gas]

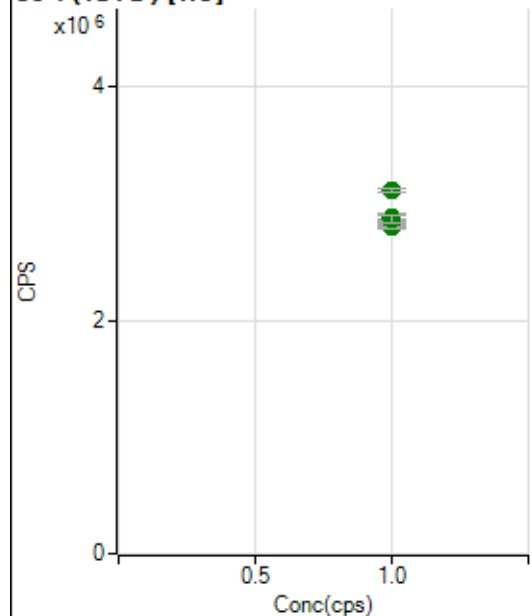
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9237726.18		A	2.2
2	☐	1.000		9163075.56		A	2.3
3	☐	1.000		9248205.42		A	1.3
4	☐	1.000		9091367.57		A	1.6
5	☐	1.000		9075110.70		A	0.7
6	☐	1.000		9397679.86		A	1.9
7	☐	1.000		9292611.32		A	1.0
8	☐	1.000		9257814.65		A	1.0

45 Sc (ISTD) [He]

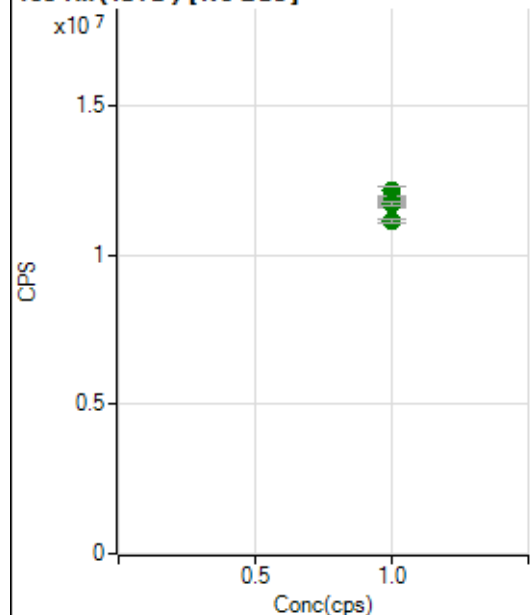
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		235109.78		P	1.3
2	☐	1.000		234503.31		P	1.8
3	☐	1.000		239868.35		P	1.0
4	☐	1.000		233096.52		P	1.0
5	☐	1.000		231602.62		P	0.3
6	☐	1.000		236775.10		P	0.4
7	☐	1.000		234125.17		P	2.5
8	☐	1.000		253409.20		P	1.2

89 Y (ISTD) [No Gas]

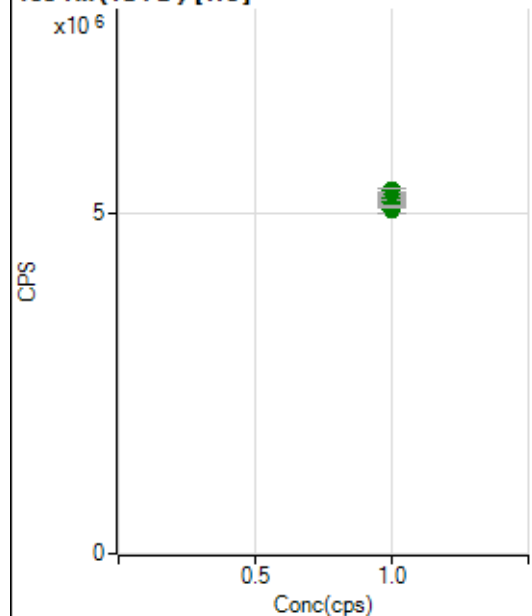
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		29456370.67		A	1.1
2	☐	1.000		29082722.34		A	0.9
3	☐	1.000		29908612.61		A	1.0
4	☐	1.000		29273041.79		A	1.8
5	☐	1.000		29558900.39		A	1.4
6	☐	1.000		30578670.10		A	1.1
7	☐	1.000		30797185.65		A	1.7
8	☐	1.000		30716650.10		A	0.6

89 Y (ISTD) [He]

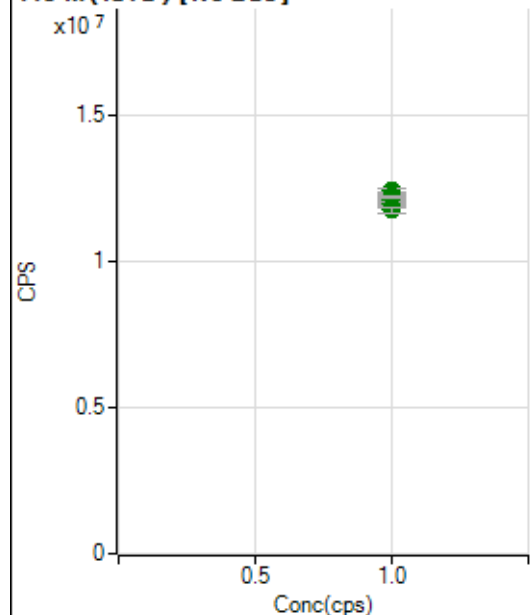
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2809340.27		A	0.5
2	☐	1.000		2819477.87		A	1.8
3	☐	1.000		2884948.05		A	1.8
4	☐	1.000		2827118.53		A	0.9
5	☐	1.000		2796322.81		A	0.4
6	☐	1.000		2862453.29		A	0.2
7	☐	1.000		2874105.72		A	2.4
8	☐	1.000		3111477.31		A	0.9

103 Rh (ISTD) [No Gas]

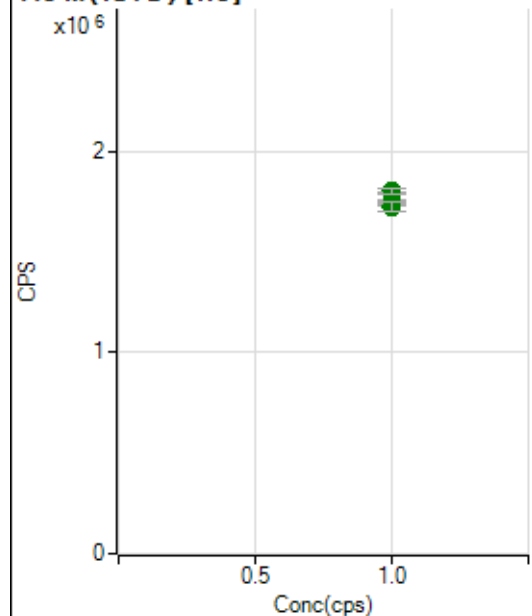
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11845677.61		A	0.7
2	☐	1.000		11836555.04		A	0.5
3	☐	1.000		12146338.29		A	2.4
4	☐	1.000		11723397.14		A	2.4
5	☐	1.000		11776455.82		A	0.6
6	☐	1.000		11986300.53		A	0.3
7	☐	1.000		11701996.79		A	1.1
8	☐	1.000		11136612.49		A	1.2

103 Rh (ISTD) [He]

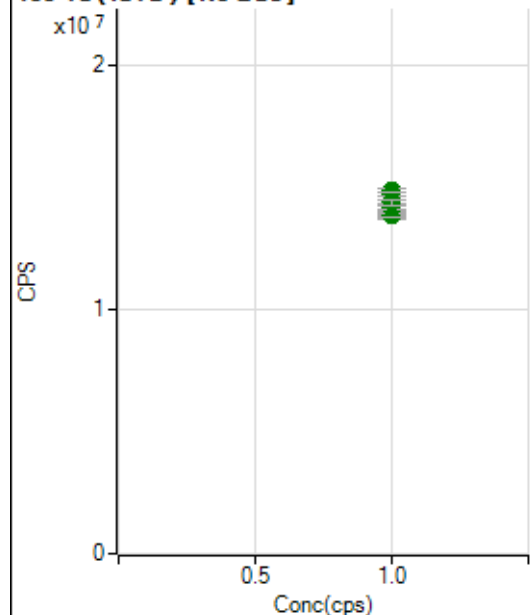
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5220386.59		A	2.5
2	☐	1.000		5181367.08		A	1.9
3	☐	1.000		5336570.27		A	1.0
4	☐	1.000		5222148.57		A	1.5
5	☐	1.000		5143590.10		A	0.5
6	☐	1.000		5166495.55		A	1.6
7	☐	1.000		5074547.46		A	3.0
8	☐	1.000		5092184.44		A	0.5

115 In (ISTD) [No Gas]

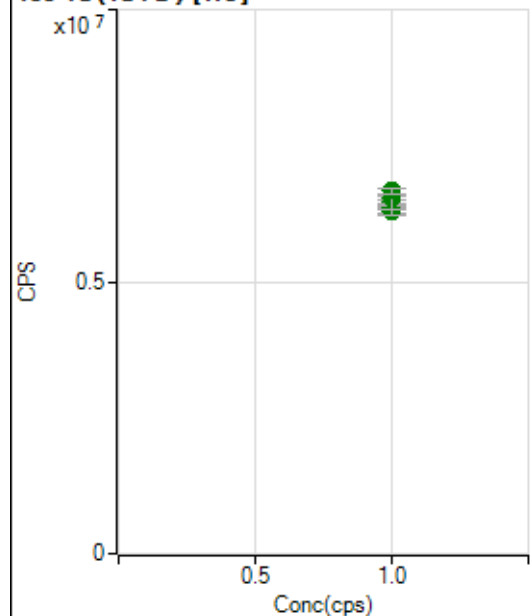
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11962327.18		A	1.8
2	☐	1.000		11936017.74		A	0.4
3	☐	1.000		12255743.82		A	2.2
4	☐	1.000		11989935.07		A	1.2
5	☐	1.000		12122221.97		A	0.8
6	☐	1.000		12421329.18		A	1.8
7	☐	1.000		12217336.59		A	0.9
8	☐	1.000		11780471.25		A	1.7

115 In (ISTD) [He]

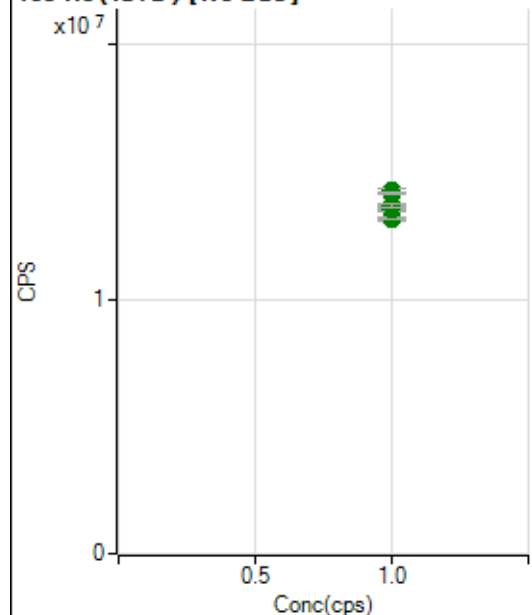
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1754221.86		A	0.2
2	☐	1.000		1724699.93		A	2.8
3	☐	1.000		1789493.58		A	0.8
4	☐	1.000		1743240.02		A	1.8
5	☐	1.000		1718567.79		A	1.8
6	☐	1.000		1741430.55		A	0.7
7	☐	1.000		1725414.18		A	2.5
8	☐	1.000		1802787.16		A	1.5

159 Tb (ISTD) [No Gas]

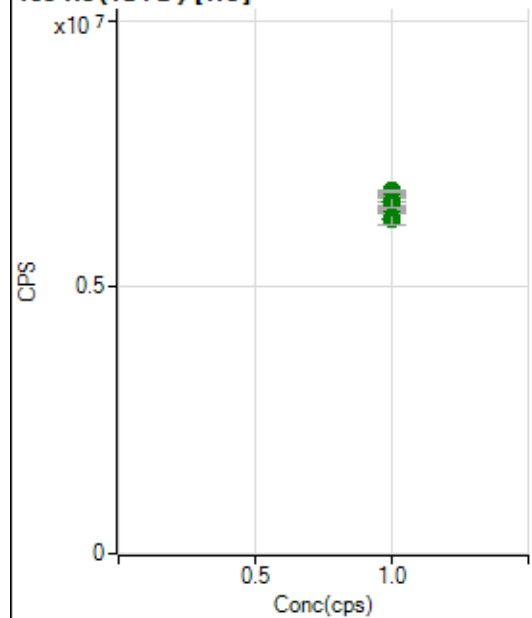
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13969070.90		A	1.0
2	☐	1.000		13861666.32		A	1.5
3	☐	1.000		14227446.18		A	1.2
4	☐	1.000		13885419.79		A	1.2
5	☐	1.000		14231659.37		A	1.3
6	☐	1.000		14883128.80		A	1.0
7	☐	1.000		14748706.45		A	0.6
8	☐	1.000		14412458.25		A	1.9

159 Tb (ISTD) [He]

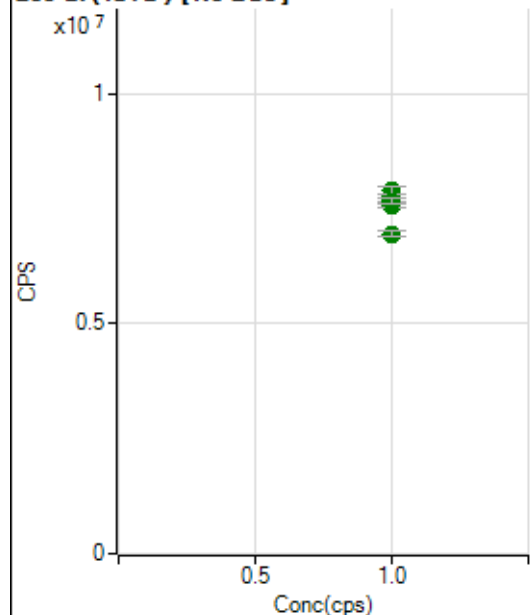
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6302256.71		A	1.1
2	☐	1.000		6281617.75		A	2.3
3	☐	1.000		6475715.46		A	0.9
4	☐	1.000		6373030.74		A	1.7
5	☐	1.000		6305815.25		A	2.9
6	☐	1.000		6585565.74		A	0.6
7	☐	1.000		6522638.51		A	5.6
8	☐	1.000		6668608.86		A	1.3

165 Ho (ISTD) [No Gas]

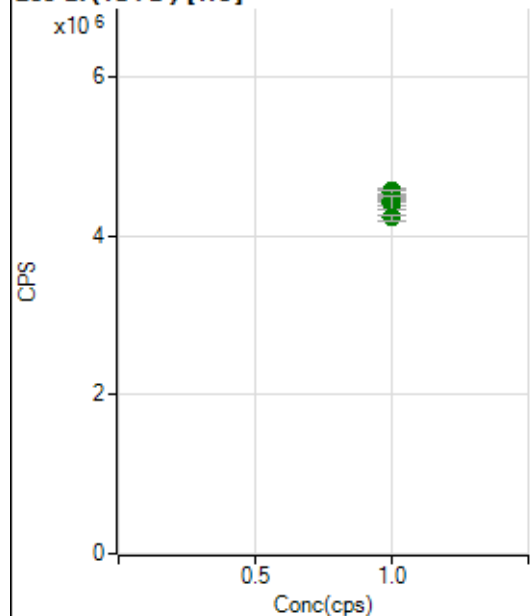
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13129532.67		A	1.2
2	☐	1.000		13179714.36		A	0.8
3	☐	1.000		13568397.18		A	1.8
4	☐	1.000		13524793.53		A	0.6
5	☐	1.000		13558418.53		A	1.2
6	☐	1.000		14262565.25		A	1.8
7	☐	1.000		14142890.07		A	0.6
8	☐	1.000		13701288.50		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6441388.66		A	0.4
2	☐	1.000		6276855.74		A	3.5
3	☐	1.000		6537508.72		A	2.4
4	☐	1.000		6548123.65		A	1.3
5	☐	1.000		6493958.79		A	0.7
6	☐	1.000		6709349.97		A	0.7
7	☐	1.000		6612897.47		A	3.3
8	☐	1.000		6808955.11		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7584377.32		A	1.2
2	☐	1.000		7575315.09		A	1.1
3	☐	1.000		7769451.69		A	1.2
4	☐	1.000		7729463.36		A	2.1
5	☐	1.000		7672191.13		A	1.0
6	☐	1.000		7882061.20		A	2.1
7	☐	1.000		7664712.11		A	2.1
8	☐	1.000		6944558.37		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4438393.40		A	0.6
2	☐	1.000		4410580.70		A	1.9
3	☐	1.000		4564776.29		A	1.4
4	☐	1.000		4484702.02		A	1.3
5	☐	1.000		4448906.11		A	1.0
6	☐	1.000		4540110.69		A	1.7
7	☐	1.000		4421658.44		A	3.8
8	☐	1.000		4223552.44		A	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8100421\IMS.b
Acq. Date-Time 2021-10-04 14:27:50
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		17629	176285.85			1.264	5.000
24		153902	1539023.56			0.870	5.000
25		20416	204155.44			0.891	5.000
26		23509	235087.29			0.925	5.000
59		39069	390686.72			0.749	5.000
113		16810	168104.63			0.788	5.000
115		52907	529072.87			1.140	5.000
206		20623	206226.03			1.049	5.000
207		17196	171961.26			0.568	5.000
208		43141	431412.58			1.038	5.000
220		1	5.60			28.516	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

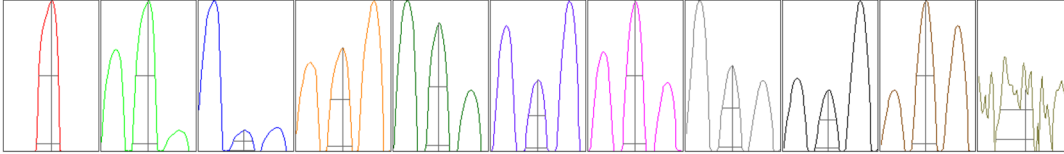
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17921	17597	17716	17307	17602
24	154748	151791	155096	153402	154475
25	20629	20372	20566	20183	20328
26	23773	23261	23622	23308	23580
59	39410	38900	39266	38671	39096
113	16966	16690	16942	16717	16737
115	52725	52053	53168	52893	53696
206	20828	20338	20850	20524	20571
207	17228	17084	17345	17159	17164
208	43486	42493	43615	43166	42946

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	1	0	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	30504.92	9.05	8.90 - 9.10	
24	263631.91	24.00	23.90 - 24.10	
25	35284.94	24.95	24.90 - 25.10	
26	41213.21	26.00	25.90 - 26.10	
59	72638.32	58.95	58.90 - 59.10	
113	33125.30	113.00	112.90 - 113.10	
115	106411.48	115.00	114.90 - 115.10	
206	39616.42	206.00	205.90 - 206.10	
207	33084.27	206.95	206.90 - 207.10	
208	81728.69	207.95	207.90 - 208.10	
220	0.65	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.61	0.783	0.900	
25	0.61	0.783	0.900	
26	0.61	0.784	0.900	
59	0.57	0.739	0.900	
113	0.53	0.689	0.900	
115	0.52	0.728	0.900	
206	0.54	0.742	0.900	
207	0.54	0.774	0.900	
208	0.55	0.779	0.900	
220	1.02	1.209		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.4 V	Deflect	14.4 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2255 V	Pulse HV	1537 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7410	74097.90			1.710	
89		25991	259914.57			1.696	
205		20757	207567.12			1.489	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7470	7186	7446	7448	7498
89	26208	25214	26059	26230	26247
205	21001	20221	20798	20917	20846

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.4 V	Deflect	5.4 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2255 V	Pulse HV	1537 V

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:01:19 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	-0.12	-0.07	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	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	-0.06	0.13	0.00	N/A	ppb
Boron	11-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.12	-0.07	0.00	N/A	ppb
Cadmium	106-1	-0.83	1.62	-0.79	0.00	N/A	ppb
Cadmium	108-1	-0.11	-0.12	0.22	0.00	N/A	ppb
Calcium	43-1	0.25	-0.85	0.61	0.00	N/A	ppb
Calcium	44-1	0.44	-1.11	0.67	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	0.02	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	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	1.38	-0.32	-1.06	0.00	N/A	ppb
Iron	56-2	-0.05	0.00	0.05	0.00	N/A	ppb
Iron	57-2	-0.09	0.22	-0.13	0.00	N/A	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:01:19	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.19	-0.02	-0.17	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.02	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-2.98	-0.29	-10.20	-4.49		ppb
Potassium	39-2	2.43	-3.10	0.68	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.12	-0.32	0.43	0.00	N/A	ppb
Selenium	77-2	-0.20	-0.20	0.40	0.00	N/A	ppb
Selenium	78-2	-0.12	0.21	-0.09	0.00	N/A	ppb
Silicon	28-1	0.57	-0.76	0.20	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.52	0.01	-2.53	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	74.18	-731.59	-97.35	-251.59		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:01:19	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	-0.01	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
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.09	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.03	-0.07	0.04	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.07	-0.07	0.00	N/A	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:07:28 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.20	22.08	22.55	22.28	1.10	ppb
Antimony	121-1	1.97	2.01	1.94	1.98	1.67	ppb
Arsenic	75-2	0.88	1.01	1.03	0.97	8.24	ppb
Barium	135-1	10.32	10.04	10.14	10.17	1.43	ppb
Barium	137-1	10.49	9.80	10.16	10.15	3.38	ppb
Beryllium	9-1	0.98	1.09	1.01	1.03	5.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	22.83	24.40	25.02	24.08	4.69	ppb
Boron	11-1	23.84	26.08	27.39	25.77	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.16	1.03	1.09	6.02	ppb
Cadmium	106-1	2.15	2.31	1.72	2.06	14.70	ppb
Cadmium	108-1	1.09	0.67	1.01	0.92	24.49	ppb
Calcium	43-1	490.79	493.29	510.99	498.36	2.21	ppb
Calcium	44-1	490.37	486.53	513.09	496.66	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.96	2.06	1.98	3.44	ppb
Cobalt	59-2	1.00	1.02	0.99	1.00	1.56	ppb
Copper	63-2	1.96	2.01	2.01	1.99	1.30	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				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	54.16	57.58	55.75	55.83	3.07	ppb
Iron	56-2	53.46	54.99	55.13	54.53	1.70	ppb
Iron	57-2	53.73	56.13	53.87	54.58	2.47	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:07:28	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.93	0.98	0.96	2.78	ppb
Lead	207-1	0.95	0.98	0.88	0.94	5.20	ppb
Lead	208-1	0.97	0.96	0.96	0.96	0.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	543.37	554.84	545.20	547.80	1.12	ppb
Manganese	55-2	1.01	0.99	1.07	1.03	4.16	ppb
Molybdenum	94-1	5.09	5.03	5.13	5.08	0.92	ppb
Molybdenum	95-1	5.24	5.14	5.06	5.15	1.76	ppb
Molybdenum	96-1	5.02	5.09	4.98	5.03	1.13	ppb
Molybdenum	97-1	5.22	5.16	5.33	5.24	1.66	ppb
Molybdenum	98-1	5.13	5.17	5.01	5.10	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.12	1.04	1.07	3.77	ppb
Phosphorus	31-2	22.95	-9.79	0.31	4.49	373.59	ppb
Potassium	39-2	483.14	509.16	513.32	501.87	3.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.28	5.47	6.12	5.62	7.80	ppb
Selenium	77-2	5.07	5.83	3.43	4.78	25.74	ppb
Selenium	78-2	4.56	4.53	4.60	4.56	0.73	ppb
Silicon	28-1	12.91	12.81	16.51	14.08	14.96	ppb
Silver	107-1	1.01	0.97	1.00	0.99	1.84	ppb
Silver	109-1	1.03	0.98	0.99	1.00	2.30	ppb
Sodium	23-2	554.44	563.22	563.91	560.52	0.94	ppb
Strontium	86-1	1.06	1.34	1.08	1.16	13.58	ppb
Strontium	88-1	1.11	1.09	1.12	1.11	1.43	ppb
Sulfur	34-1	365.45	57.44	331.88	251.59	67.16	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.90	0.94	0.94	3.90	ppb
Thallium	205-1	0.99	0.95	0.99	0.98	2.52	ppb
Tin	118-1	4.99	4.96	5.02	4.99	0.56	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:07:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.45	4.85	4.93	5.08	6.43	ppb
Uranium	238-1	0.92	0.90	0.94	0.92	2.52	ppb
Vanadium	51-2	5.10	5.13	5.10	5.11	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.06	2.40	2.82	2.43	15.71	ppb
Zirconium	90-1	9.71	9.81	10.07	9.86	1.88	ppb
Zirconium	91-1	9.24	9.83	10.16	9.74	4.77	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:10:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1063.20	1077.66	1061.98	1067.61	0.82	ppb
Antimony	121-1	50.79	50.50	51.30	50.86	0.80	ppb
Arsenic	75-2	49.68	50.88	50.46	50.34	1.20	ppb
Barium	135-1	248.24	247.99	255.22	250.48	1.64	ppb
Barium	137-1	255.13	247.12	255.73	252.66	1.90	ppb
Beryllium	9-1	49.69	52.53	52.20	51.47	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	45.41	49.11	52.97	49.16	7.69	ppb
Boron	11-1	48.99	53.57	56.86	53.14	7.44	ppb
Bromine	81-1						cps
Cadmium	111-1	52.36	52.65	52.42	52.48	0.30	ppb
Cadmium	106-1	53.46	51.47	54.48	53.14	2.88	ppb
Cadmium	108-1	55.03	52.02	54.03	53.69	2.86	ppb
Calcium	43-1	5628.77	5630.19	5757.20	5672.05	1.30	ppb
Calcium	44-1	5019.45	5071.69	5059.74	5050.30	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.74	49.25	48.48	48.82	0.80	ppb
Cobalt	59-2	49.89	51.07	49.48	50.15	1.65	ppb
Copper	63-2	533.31	537.39	507.11	525.93	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	2713.96	2720.51	2650.77	2695.08	1.43	ppb
Iron	56-2	2684.27	2730.28	2602.21	2672.25	2.43	ppb
Iron	57-2	2620.87	2650.94	2579.06	2616.95	1.38	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:10:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	241.85	247.43	250.75	246.68	1.82	ppb
Lead	207-1	233.12	234.94	257.08	241.72	5.52	ppb
Lead	208-1	243.56	246.33	256.62	248.84	2.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	5610.68	5571.71	5335.69	5506.03	2.70	ppb
Manganese	55-2	495.22	503.51	479.78	492.84	2.44	ppb
Molybdenum	94-1	258.20	254.18	248.55	253.65	1.91	ppb
Molybdenum	95-1	257.66	256.92	249.61	254.73	1.75	ppb
Molybdenum	96-1	254.18	255.52	248.91	252.87	1.38	ppb
Molybdenum	97-1	255.72	257.99	252.41	255.37	1.10	ppb
Molybdenum	98-1	261.06	259.10	256.30	258.82	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.10	49.99	49.51	49.87	0.62	ppb
Phosphorus	31-2	1025.36	1120.77	962.64	1036.26	7.68	ppb
Potassium	39-2	2595.06	2626.41	2578.29	2599.92	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	54.02	53.13	53.10	53.42	0.98	ppb
Selenium	77-2	47.83	50.06	46.90	48.26	3.37	ppb
Selenium	78-2	52.48	52.17	51.61	52.09	0.85	ppb
Silicon	28-1	55.23	55.60	59.27	56.70	3.94	ppb
Silver	107-1	51.93	51.33	51.89	51.72	0.64	ppb
Silver	109-1	53.82	53.87	53.47	53.72	0.41	ppb
Sodium	23-2	5604.49	5596.37	5391.60	5530.82	2.18	ppb
Strontium	86-1	513.04	503.97	515.60	510.87	1.20	ppb
Strontium	88-1	511.67	495.83	504.46	503.99	1.57	ppb
Sulfur	34-1	1642.22	1518.97	1813.28	1658.16	8.91	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	47.06	47.55	48.17	47.59	1.17	ppb
Thallium	205-1	46.45	47.70	48.86	47.67	2.52	ppb
Tin	118-1	52.95	51.00	51.56	51.84	1.94	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:10:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.99	259.70	263.53	259.74	1.45	ppb
Uranium	238-1	47.20	47.05	48.56	47.60	1.74	ppb
Vanadium	51-2	49.57	49.64	47.19	48.80	2.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	508.50	515.18	496.75	506.81	1.84	ppb
Zirconium	90-1	503.09	509.18	509.19	507.15	0.69	ppb
Zirconium	91-1	507.56	509.36	503.44	506.79	0.60	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:13:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2652.65	2691.68	2607.35	2650.56	1.59	ppb
Antimony	121-1	126.71	131.76	129.54	129.34	1.96	ppb
Arsenic	75-2	126.20	123.36	123.71	124.43	1.24	ppb
Barium	135-1	651.18	677.44	660.03	662.88	2.02	ppb
Barium	137-1	644.23	671.41	646.62	654.08	2.30	ppb
Beryllium	9-1	124.54	126.16	126.69	125.80	0.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	113.81	121.04	125.22	120.03	4.81	ppb
Boron	11-1	118.50	132.12	132.72	127.78	6.29	ppb
Bromine	81-1						cps
Cadmium	111-1	133.07	135.78	132.42	133.75	1.33	ppb
Cadmium	106-1	135.18	139.32	134.98	136.50	1.80	ppb
Cadmium	108-1	129.70	137.80	134.41	133.97	3.04	ppb
Calcium	43-1	14012.03	14174.44	13885.37	14023.94	1.03	ppb
Calcium	44-1	12692.81	12412.23	12517.36	12540.80	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.62	123.44	120.97	121.68	1.26	ppb
Cobalt	59-2	127.18	125.42	123.72	125.44	1.38	ppb
Copper	63-2	1278.90	1271.87	1264.08	1271.62	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	6715.84	6699.90	6564.67	6660.13	1.25	ppb
Iron	56-2	6741.34	6622.51	6498.42	6620.76	1.83	ppb
Iron	57-2	6587.47	6543.67	6425.06	6518.74	1.29	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:13:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	630.41	613.74	636.88	627.01	1.90	ppb
Lead	207-1	638.48	616.45	640.86	631.93	2.13	ppb
Lead	208-1	633.50	608.74	627.64	623.29	2.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	13958.30	14124.04	13826.17	13969.50	1.07	ppb
Manganese	55-2	1267.24	1262.42	1196.19	1241.95	3.20	ppb
Molybdenum	94-1	638.97	639.63	658.54	645.71	1.72	ppb
Molybdenum	95-1	658.12	639.82	643.67	647.20	1.49	ppb
Molybdenum	96-1	652.35	636.53	635.69	641.52	1.46	ppb
Molybdenum	97-1	648.43	655.62	654.44	652.83	0.59	ppb
Molybdenum	98-1	646.92	646.55	641.49	644.99	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.70	123.10	123.53	123.77	0.67	ppb
Phosphorus	31-2	2546.64	2442.28	2510.28	2499.73	2.12	ppb
Potassium	39-2	6491.97	6541.53	6314.91	6449.47	1.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	134.60	130.56	131.82	132.33	1.56	ppb
Selenium	77-2	139.69	130.18	129.33	133.07	4.32	ppb
Selenium	78-2	128.22	124.41	122.71	125.12	2.25	ppb
Silicon	28-1	131.85	136.43	132.23	133.50	1.91	ppb
Silver	107-1	134.83	137.90	137.09	136.61	1.16	ppb
Silver	109-1	134.58	139.98	134.41	136.33	2.32	ppb
Sodium	23-2	13807.83	13715.40	13161.11	13561.45	2.58	ppb
Strontium	86-1	1282.06	1274.35	1304.93	1287.12	1.24	ppb
Strontium	88-1	1302.05	1261.90	1288.34	1284.10	1.59	ppb
Sulfur	34-1	3596.43	3822.89	3226.85	3548.72	8.48	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	120.78	118.30	120.38	119.82	1.11	ppb
Thallium	205-1	127.43	120.83	128.86	125.71	3.41	ppb
Tin	118-1	130.17	133.83	129.88	131.29	1.68	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:13:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	644.46	643.66	622.98	637.03	1.91	ppb
Uranium	238-1	128.43	124.93	123.95	125.77	1.87	ppb
Vanadium	51-2	123.16	124.04	119.51	122.24	1.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	1259.63	1266.95	1221.14	1249.24	1.97	ppb
Zirconium	90-1	1325.82	1263.58	1274.30	1287.90	2.58	ppb
Zirconium	91-1	1276.44	1252.02	1301.71	1276.72	1.95	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5306.76	5235.48	5194.70	5245.64	1.08	ppb
Antimony	121-1	263.13	255.80	249.09	256.01	2.74	ppb
Arsenic	75-2	250.15	251.41	249.94	250.50	0.32	ppb
Barium	135-1	1330.21	1262.18	1251.35	1281.25	3.34	ppb
Barium	137-1	1290.02	1269.13	1244.26	1267.80	1.81	ppb
Beryllium	9-1	249.18	251.61	254.24	251.68	1.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	227.41	248.19	253.87	243.15	5.73	ppb
Boron	11-1	242.09	264.60	272.50	259.73	6.08	ppb
Bromine	81-1						cps
Cadmium	111-1	255.13	258.36	256.62	256.71	0.63	ppb
Cadmium	106-1	253.18	253.45	248.86	251.83	1.02	ppb
Cadmium	108-1	265.14	260.80	254.07	260.01	2.15	ppb
Calcium	43-1	27652.29	28555.07	28692.08	28299.81	2.00	ppb
Calcium	44-1	25234.91	25117.79	25392.86	25248.52	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.24	241.89	240.80	241.97	0.50	ppb
Cobalt	59-2	248.98	259.83	245.00	251.27	3.05	ppb
Copper	63-2	2529.92	2522.14	2524.26	2525.44	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	13657.29	13546.04	13934.01	13712.45	1.46	ppb
Iron	56-2	13293.17	13299.95	13351.90	13315.01	0.24	ppb
Iron	57-2	13045.53	12952.52	13022.56	13006.87	0.37	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1276.18	1244.97	1252.17	1257.77	1.30	ppb
Lead	207-1	1261.58	1232.25	1272.54	1255.46	1.66	ppb
Lead	208-1	1250.89	1243.90	1252.47	1249.09	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	27777.30	26919.20	26423.74	27040.08	2.53	ppb
Manganese	55-2	2451.73	2467.23	2499.95	2472.97	1.00	ppb
Molybdenum	94-1	1279.21	1268.65	1306.27	1284.71	1.51	ppb
Molybdenum	95-1	1293.19	1265.19	1304.19	1287.52	1.56	ppb
Molybdenum	96-1	1271.15	1226.92	1279.21	1259.09	2.24	ppb
Molybdenum	97-1	1269.79	1251.42	1292.89	1271.37	1.63	ppb
Molybdenum	98-1	1271.79	1252.67	1301.52	1275.33	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	242.27	244.71	244.37	243.78	0.54	ppb
Phosphorus	31-2	5269.33	4781.68	4675.43	4908.81	6.45	ppb
Potassium	39-2	13088.51	12903.02	13047.03	13012.86	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	261.25	258.15	263.29	260.89	0.99	ppb
Selenium	77-2	222.53	259.24	245.28	242.35	7.65	ppb
Selenium	78-2	253.99	259.98	255.26	256.41	1.23	ppb
Silicon	28-1	253.81	262.35	265.31	260.49	2.29	ppb
Silver	107-1	257.70	258.28	248.68	254.88	2.11	ppb
Silver	109-1	262.85	268.97	263.08	264.97	1.31	ppb
Sodium	23-2	27160.12	27112.01	26378.20	26883.44	1.63	ppb
Strontium	86-1	2557.95	2528.95	2497.81	2528.23	1.19	ppb
Strontium	88-1	2549.07	2496.29	2506.65	2517.34	1.11	ppb
Sulfur	34-1	5967.73	6073.62	6307.30	6116.22	2.84	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	259.36	253.26	255.18	255.94	1.22	ppb
Thallium	205-1	254.50	253.13	253.75	253.80	0.27	ppb
Tin	118-1	267.71	262.44	257.30	262.48	1.98	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1265.74	1271.90	1288.15	1275.26	0.91	ppb
Uranium	238-1	248.52	251.42	251.02	250.32	0.63	ppb
Vanadium	51-2	244.35	242.70	243.47	243.51	0.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2530.67	2493.97	2507.78	2510.81	0.74	ppb
Zirconium	90-1	2520.07	2503.37	2519.81	2514.42	0.38	ppb
Zirconium	91-1	2523.09	2477.08	2579.29	2526.49	2.03	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:19:46 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10319.31	10191.91	10294.26	10268.49	0.66	ppb
Antimony	121-1	495.51	495.00	506.81	499.11	1.34	ppb
Arsenic	75-2	495.55	494.19	489.59	493.11	0.63	ppb
Barium	135-1	2473.42	2494.82	2512.07	2493.44	0.78	ppb
Barium	137-1	2520.11	2485.65	2530.60	2512.12	0.94	ppb
Beryllium	9-1	514.35	498.23	498.89	503.82	1.81	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	464.90	492.81	497.36	485.02	3.62	ppb
Boron	11-1	508.74	531.32	536.28	525.45	2.79	ppb
Bromine	81-1						cps
Cadmium	111-1	501.31	489.99	511.61	500.97	2.16	ppb
Cadmium	106-1	498.12	496.38	511.03	501.84	1.59	ppb
Cadmium	108-1	499.58	504.17	515.33	506.36	1.60	ppb
Calcium	43-1	58547.80	57746.77	55175.94	57156.84	3.08	ppb
Calcium	44-1	51598.51	50070.99	48608.05	50092.52	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.90	503.21	485.48	495.87	1.86	ppb
Cobalt	59-2	494.01	504.64	501.40	500.02	1.09	ppb
Copper	63-2	4977.54	4906.37	4932.44	4938.78	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	26643.52	27417.05	26971.65	27010.74	1.44	ppb
Iron	56-2	26150.52	25896.83	26591.40	26212.92	1.34	ppb
Iron	57-2	26884.19	26556.43	27199.94	26880.19	1.20	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:19:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2530.34	2418.64	2492.50	2480.49	2.29	ppb
Lead	207-1	2493.15	2391.42	2551.06	2478.54	3.26	ppb
Lead	208-1	2511.82	2425.80	2534.30	2490.64	2.30	ppb
Lithium	6-1				104		%
Magnesium	24-2	53167.50	52960.11	53126.40	53084.67	0.21	ppb
Manganese	55-2	4830.07	4851.04	4925.30	4868.80	1.03	ppb
Molybdenum	94-1	2488.05	2576.66	2517.02	2527.24	1.79	ppb
Molybdenum	95-1	2478.33	2557.03	2547.10	2527.49	1.70	ppb
Molybdenum	96-1	2481.48	2488.79	2565.89	2512.05	1.86	ppb
Molybdenum	97-1	2484.65	2471.18	2557.39	2504.41	1.85	ppb
Molybdenum	98-1	2467.91	2510.10	2510.71	2496.24	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.83	478.61	474.67	477.37	0.49	ppb
Phosphorus	31-2	10606.78	9821.00	9726.50	10051.43	4.81	ppb
Potassium	39-2	25037.29	25258.29	25398.40	25231.33	0.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	499.02	508.08	516.81	507.97	1.75	ppb
Selenium	77-2	529.00	533.71	490.65	517.78	4.56	ppb
Selenium	78-2	491.99	499.56	497.55	496.37	0.79	ppb
Silicon	28-1	492.80	499.54	514.23	502.19	2.18	ppb
Silver	107-1	496.33	480.17	513.26	496.59	3.33	ppb
Silver	109-1	507.30	520.81	517.99	515.37	1.38	ppb
Sodium	23-2	53588.19	52135.37	52444.26	52722.60	1.45	ppb
Strontium	86-1	4897.05	5094.69	5065.96	5019.23	2.13	ppb
Strontium	88-1	4900.69	5079.00	4999.93	4993.21	1.79	ppb
Sulfur	34-1	11856.71	11955.51	11054.06	11622.10	4.25	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	523.40	496.86	496.47	505.58	3.05	ppb
Thallium	205-1	505.30	483.89	499.69	496.29	2.24	ppb
Tin	118-1	497.08	496.13	512.20	501.80	1.80	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:19:46	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2546.44	2523.23	2455.73	2508.47	1.88	ppb
Uranium	238-1	504.84	500.24	500.59	501.89	0.51	ppb
Vanadium	51-2	485.61	476.82	480.40	480.94	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5127.77	4920.12	4960.87	5002.92	2.20	ppb
Zirconium	90-1	5010.56	4974.03	4986.64	4990.41	0.37	ppb
Zirconium	91-1	5101.03	5147.39	4987.35	5078.59	1.62	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:22:52 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22384.72	21668.14	20144.41	21399.09	5.35	ppb
Antimony	121-1	987.30	1003.04	1004.74	998.36	0.96	ppb
Arsenic	75-2	1041.78	982.15	986.19	1003.38	3.32	ppb
Barium	135-1	4893.18	5023.69	5055.26	4990.71	1.72	ppb
Barium	137-1	4988.55	4983.09	4985.52	4985.72	0.05	ppb
Beryllium	9-1	984.63	995.70	1012.16	997.50	1.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	970.21	1008.88	1050.58	1009.89	3.98	ppb
Boron	11-1	948.43	965.21	1039.32	984.32	4.91	ppb
Bromine	81-1						cps
Cadmium	111-1	995.75	988.81	1005.30	996.62	0.83	ppb
Cadmium	106-1	994.36	1004.30	992.42	997.02	0.64	ppb
Cadmium	108-1	996.25	979.73	1003.05	993.01	1.21	ppb
Calcium	43-1	110973.26	111161.24	110608.67	110914.39	0.25	ppb
Calcium	44-1	97590.66	98940.15	97965.71	98165.51	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1040.73	984.40	988.51	1004.55	3.13	ppb
Cobalt	59-2	1035.44	994.78	968.61	999.61	3.37	ppb
Copper	63-2	10517.00	9844.98	9698.77	10020.25	4.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	56635.40	53456.69	53522.74	54538.28	3.33	ppb
Iron	56-2	56186.36	53807.89	52519.80	54171.35	3.43	ppb
Iron	57-2	56546.23	52588.07	51923.78	53686.03	4.66	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:22:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4824.01	5140.76	5058.41	5007.72	3.28	ppb
Lead	207-1	4921.68	5066.37	5038.68	5008.91	1.53	ppb
Lead	208-1	4901.65	5086.88	5027.01	5005.18	1.89	ppb
Lithium	6-1				97		%
Magnesium	24-2	110835.33	106895.25	102636.36	106788.98	3.84	ppb
Manganese	55-2	10427.47	9991.84	9801.85	10073.72	3.18	ppb
Molybdenum	94-1	5088.83	4963.44	4872.51	4974.93	2.18	ppb
Molybdenum	95-1	4975.50	5029.71	4916.38	4973.86	1.14	ppb
Molybdenum	96-1	4955.24	5078.07	4935.16	4989.49	1.55	ppb
Molybdenum	97-1	5023.80	5028.33	4913.99	4988.71	1.30	ppb
Molybdenum	98-1	5038.56	5031.70	4907.56	4992.61	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1037.25	1025.82	976.01	1013.03	3.21	ppb
Phosphorus	31-2	20061.31	20392.08	19532.52	19995.30	2.17	ppb
Potassium	39-2	52478.82	50836.33	49539.99	50951.72	2.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	1001.52	1000.76	974.32	992.20	1.56	ppb
Selenium	77-2	1010.31	983.10	982.88	992.10	1.59	ppb
Selenium	78-2	1032.29	975.40	992.60	1000.10	2.92	ppb
Silicon	28-1	956.08	1016.95	1011.50	994.84	3.39	ppb
Silver	107-1	986.05	1006.85	1003.95	998.95	1.13	ppb
Silver	109-1	978.68	991.68	990.56	986.97	0.73	ppb
Sodium	23-2	109101.43	108003.90	100832.72	105979.35	4.24	ppb
Strontium	86-1	10016.49	10166.55	9751.39	9978.14	2.11	ppb
Strontium	88-1	10210.21	10118.77	9654.83	9994.60	2.98	ppb
Sulfur	34-1	18711.78	18773.74	18752.18	18745.90	0.17	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	968.11	1022.83	998.55	996.50	2.75	ppb
Thallium	205-1	958.43	1035.58	1008.78	1000.93	3.91	ppb
Tin	118-1	990.85	996.14	998.31	995.10	0.39	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:22:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4955.53	5072.74	4934.11	4987.46	1.50	ppb
Uranium	238-1	967.30	1024.70	1004.99	999.00	2.92	ppb
Vanadium	51-2	1050.97	996.98	986.72	1011.56	3.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	10456.41	9934.69	9595.68	9995.59	4.34	ppb
Zirconium	90-1	10223.74	10032.35	9732.18	9996.09	2.48	ppb
Zirconium	91-1	10090.48	9997.73	9763.00	9950.40	1.70	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:25:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101793.44	98545.15	98691.24	99676.61	1.84	ppb
Antimony	121-1	0.59	0.56	0.66	0.60	8.66	ppb
Arsenic	75-2	0.31	0.30	0.30	0.30	1.00	ppb
Barium	135-1	2.22	2.14	2.25	2.20	2.55	ppb
Barium	137-1	2.35	2.16	2.20	2.24	4.51	ppb
Beryllium	9-1	0.12	0.11	0.11	0.11	4.57	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	122.18	107.43	97.76	109.12	11.27	ppb
Boron	11-1	132.55	115.73	106.68	118.32	11.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.52	0.39	0.45	0.45	14.00	ppb
Cadmium	106-1	2.62	0.99	1.93	1.85	44.25	ppb
Cadmium	108-1	0.40	0.13	0.38	0.30	49.63	ppb
Calcium	43-1	493559.24	501218.81	495896.83	496891.63	0.79	ppb
Calcium	44-1	491930.40	506773.86	502326.85	500343.70	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.26	3.29	3.16	3.24	2.22	ppb
Cobalt	59-2	2.32	2.34	2.18	2.28	3.80	ppb
Copper	63-2	2.60	2.67	2.63	2.63	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	249042.74	251517.80	245894.79	248818.44	1.13	ppb
Iron	56-2	249565.91	250499.98	246912.20	248992.70	0.75	ppb
Iron	57-2	254149.98	250399.70	242574.95	249041.54	2.37	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:25:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.96	1.92	1.88	1.92	2.27	ppb
Lead	207-1	1.92	1.93	1.82	1.89	3.15	ppb
Lead	208-1	1.97	1.91	1.87	1.91	2.47	ppb
Lithium	6-1				92		%
Magnesium	24-2	493595.40	507877.71	493096.56	498189.89	1.68	ppb
Manganese	55-2	10.84	10.66	10.27	10.59	2.71	ppb
Molybdenum	94-1	1.68	1.62	1.59	1.63	2.99	ppb
Molybdenum	95-1	1.68	1.63	1.57	1.62	3.25	ppb
Molybdenum	96-1	3.67	3.51	3.57	3.58	2.35	ppb
Molybdenum	97-1	1.69	1.56	1.55	1.60	4.75	ppb
Molybdenum	98-1	1.54	1.42	1.44	1.47	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.58	3.66	3.51	3.58	2.18	ppb
Phosphorus	31-2	-2.03	-1.89	0.59	-1.11		ppb
Potassium	39-2	247218.46	253848.06	248198.16	249754.89	1.43	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	82-1	0.77	1.21	1.37	1.12	27.63	ppb
Selenium	77-2	0.35	-0.20	-0.20	-0.02		ppb
Selenium	78-2	0.43	-0.26	0.60	0.26	176.23	ppb
Silicon	28-1	47.48	53.74	53.20	51.47	6.74	ppb
Silver	107-1	0.34	0.28	0.30	0.30	10.22	ppb
Silver	109-1	0.33	0.31	0.30	0.31	4.32	ppb
Sodium	23-2	503213.39	494152.54	497851.45	498405.79	0.91	ppb
Strontium	86-1	4.29	4.49	4.32	4.37	2.43	ppb
Strontium	88-1	4.60	4.37	4.32	4.43	3.39	ppb
Sulfur	34-1	-3313.09	-2994.44	-2790.06	-3032.53		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.20	0.20	0.22	14.43	ppb
Thallium	205-1	0.21	0.22	0.18	0.21	9.65	ppb
Tin	118-1	0.71	0.62	0.62	0.65	7.91	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:25:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.72	0.73	0.64	0.70	7.13	ppb
Uranium	238-1	0.16	0.16	0.14	0.15	8.45	ppb
Vanadium	51-2	0.29	0.30	0.29	0.30	2.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	35.43	36.64	35.22	35.76	2.14	ppb
Zirconium	90-1	2.91	2.81	2.65	2.79	4.81	ppb
Zirconium	91-1	2.48	2.75	2.40	2.54	7.05	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICV42	Instrumnet Name :	P8
Client Sample ID :	ICV42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:40:19	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.94	504.04	507.09	504.36	0.51	ppb
Antimony	121-1	196.14	198.30	203.05	199.16	1.77	ppb
Arsenic	75-2	198.98	202.90	193.16	198.35	2.47	ppb
Barium	135-1	99.88	100.72	97.79	99.46	1.51	ppb
Barium	137-1	100.45	100.50	99.31	100.09	0.67	ppb
Beryllium	9-1	101.43	102.13	97.51	100.36	2.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	21.38	20.99	20.88	21.08	1.23	ppb
Boron	11-1	22.34	22.84	21.63	22.27	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	102.35	102.61	103.34	102.77	0.50	ppb
Cadmium	106-1	86.42	89.32	84.90	86.88	2.58	ppb
Cadmium	108-1	90.97	93.31	92.54	92.28	1.29	ppb
Calcium	43-1	1876.98	1874.35	1819.85	1857.06	1.74	ppb
Calcium	44-1	1973.83	1952.09	1895.22	1940.38	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.27	94.27	95.47	94.34	1.17	ppb
Cobalt	59-2	95.15	98.52	98.11	97.26	1.89	ppb
Copper	63-2	94.11	96.20	97.79	96.03	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				114		%
Iron	54-2	2058.04	2064.73	2064.18	2062.31	0.18	ppb
Iron	56-2	2033.31	2038.69	2101.75	2057.92	1.85	ppb
Iron	57-2	1954.84	1999.50	2014.46	1989.60	1.56	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICV42 Instrumnet Name : P8
 Client Sample ID : ICV42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:40:19 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	212.74	220.40	213.08	215.40	2.01	ppb
Lead	207-1	201.75	201.61	199.11	200.82	0.74	ppb
Lead	208-1	210.04	213.48	209.35	210.96	1.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	1131.51	1155.03	1164.14	1150.23	1.46	ppb
Manganese	55-2	93.05	93.03	94.53	93.54	0.92	ppb
Molybdenum	94-1	0.06	0.07	0.06	0.06	9.10	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	15.08	ppb
Molybdenum	96-1	0.05	0.07	0.05	0.06	15.76	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	5.62	ppb
Molybdenum	98-1	0.05	0.02	0.03	0.03	49.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.56	106.83	105.65	105.35	1.57	ppb
Phosphorus	31-2	-9.37	3.58	-5.58	-3.79		ppb
Potassium	39-2	1849.91	1927.90	1958.29	1912.03	2.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	211.55	208.97	206.83	209.12	1.13	ppb
Selenium	77-2	215.06	223.21	203.64	213.97	4.59	ppb
Selenium	78-2	206.49	210.37	198.97	205.28	2.82	ppb
Silicon	28-1	5.38	7.38	7.15	6.63	16.53	ppb
Silver	107-1	49.87	49.96	48.40	49.41	1.77	ppb
Silver	109-1	51.47	50.98	50.58	51.01	0.87	ppb
Sodium	23-2	1924.53	1979.66	2033.81	1979.33	2.76	ppb
Strontium	86-1	0.23	0.31	0.24	0.26	16.66	ppb
Strontium	88-1	0.29	0.28	0.28	0.28	2.37	ppb
Sulfur	34-1	-3188.38	-3326.26	-3746.51	-3420.38		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	203.42	210.17	205.68	206.42	1.67	ppb
Thallium	205-1	204.33	205.90	207.49	205.90	0.77	ppb
Tin	118-1	0.07	0.06	0.05	0.06	13.28	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICV42	Instrumnet Name :	P8
Client Sample ID :	ICV42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:40:19	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.06	0.08	0.07	15.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.40	ppb
Vanadium	51-2	92.16	93.91	93.37	93.14	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	187.88	194.35	193.79	192.00	1.87	ppb
Zirconium	90-1	0.22	0.19	0.26	0.22	16.14	ppb
Zirconium	91-1	0.68	0.49	0.71	0.62	18.38	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.41	20.52	20.75	20.89	2.20	ppb
Antimony	121-1	2.12	1.96	2.08	2.06	4.01	ppb
Arsenic	75-2	0.97	0.89	0.94	0.93	3.91	ppb
Barium	135-1	9.86	10.20	10.33	10.13	2.40	ppb
Barium	137-1	9.94	10.21	10.96	10.37	5.07	ppb
Beryllium	9-1	1.05	1.03	1.10	1.06	3.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				108		%
Boron	10-1	31.79	32.45	34.10	32.78	3.63	ppb
Boron	11-1	34.82	34.67	36.77	35.42	3.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.89	0.93	1.04	0.95	7.86	ppb
Cadmium	106-1	-0.27	0.08	0.83	0.21	265.79	ppb
Cadmium	108-1	0.41	0.85	0.76	0.68	34.54	ppb
Calcium	43-1	487.51	489.83	502.88	493.41	1.68	ppb
Calcium	44-1	497.58	508.62	520.04	508.74	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.93	1.81	1.89	3.79	ppb
Cobalt	59-2	0.96	0.96	0.96	0.96	0.18	ppb
Copper	63-2	1.79	1.76	1.76	1.77	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				114		%
Iron	54-2	56.49	53.55	52.67	54.24	3.69	ppb
Iron	56-2	54.15	53.30	51.83	53.09	2.21	ppb
Iron	57-2	49.50	54.26	52.22	51.99	4.60	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.96	1.09	1.01	7.38	ppb
Lead	207-1	0.98	1.02	1.19	1.06	10.53	ppb
Lead	208-1	0.97	0.98	1.10	1.02	6.98	ppb
Lithium	6-1				93		%
Magnesium	24-2	510.87	511.94	495.51	506.11	1.82	ppb
Manganese	55-2	0.99	1.00	0.94	0.98	3.27	ppb
Molybdenum	94-1	5.00	5.08	5.52	5.20	5.38	ppb
Molybdenum	95-1	4.91	5.00	5.51	5.14	6.31	ppb
Molybdenum	96-1	4.92	4.89	5.35	5.06	5.11	ppb
Molybdenum	97-1	5.09	5.13	5.43	5.22	3.58	ppb
Molybdenum	98-1	4.94	5.03	5.42	5.13	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.99	1.00	1.01	3.49	ppb
Phosphorus	31-2	5.87	-18.57	-9.72	-7.48		ppb
Potassium	39-2	489.30	492.30	474.03	485.21	2.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				113		%
Scandium	45-1				105		%
Scandium	45-2				113		%
Selenium	82-1	5.03	5.39	5.15	5.19	3.56	ppb
Selenium	77-2	8.09	5.02	4.44	5.85	33.51	ppb
Selenium	78-2	6.18	4.85	4.24	5.09	19.45	ppb
Silicon	28-1	7.58	8.84	9.51	8.64	11.33	ppb
Silver	107-1	1.01	1.03	1.06	1.03	2.59	ppb
Silver	109-1	1.05	1.03	1.09	1.06	2.82	ppb
Sodium	23-2	511.66	513.49	492.21	505.78	2.33	ppb
Strontium	86-1	1.25	0.98	1.18	1.14	12.20	ppb
Strontium	88-1	1.09	1.11	1.16	1.12	3.35	ppb
Sulfur	34-1	-3200.97	-2892.01	-2661.32	-2918.10		ppb
Terbium	159-1				104		%
Terbium	159-2				111		%
Thallium	203-1	0.91	0.96	1.13	1.00	11.19	ppb
Thallium	205-1	0.91	0.93	1.06	0.97	8.57	ppb
Tin	118-1	4.92	5.13	5.16	5.07	2.59	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.86	4.84	5.08	4.93	2.63	ppb
Uranium	238-1	0.87	0.91	1.03	0.94	9.09	ppb
Vanadium	51-2	4.89	4.79	4.63	4.77	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				116		%
Zinc	66-2	2.19	1.86	2.18	2.08	9.08	ppb
Zirconium	90-1	9.75	9.43	10.07	9.75	3.28	ppb
Zirconium	91-1	9.28	9.24	9.72	9.41	2.81	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICB42 Instrumnet Name : P8
 Client Sample ID : ICB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:52:48 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.27	0.03	-0.16		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	26.34	ppb
Arsenic	75-2	-0.03	-0.04	-0.03	-0.03		ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	138.57	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	206.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				106		%
Boron	10-1	10.98	11.98	10.89	11.28	5.35	ppb
Boron	11-1	12.40	12.94	12.08	12.47	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.16	0.06	0.11	48.79	ppb
Cadmium	106-1	1.27	1.97	0.81	1.35	43.49	ppb
Cadmium	108-1	-0.43	-0.34	-0.25	-0.34		ppb
Calcium	43-1	-0.44	1.59	1.15	0.77	139.62	ppb
Calcium	44-1	7.99	18.03	11.82	12.61	40.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				110		%
Iron	54-2	-0.25	0.66	0.13	0.18	255.38	ppb
Iron	56-2	0.15	0.12	0.18	0.15	20.03	ppb
Iron	57-2	-0.94	0.31	0.20	-0.14		ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICB42	Instrumnet Name :	P8
Client Sample ID :	ICB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:52:48	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.09	0.09	6.89	ppb
Lead	207-1	0.03	0.11	0.05	0.07	63.82	ppb
Lead	208-1	0.06	0.08	0.06	0.07	18.77	ppb
Lithium	6-1				92		%
Magnesium	24-2	0.32	0.16	-0.01	0.16	102.25	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	-0.01	0.03	0.01	298.23	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00		ppb
Phosphorus	31-2	-3.14	-15.41	8.44	-3.37		ppb
Potassium	39-2	-1.13	-3.04	-4.16	-2.77		ppb
Rhodium	103-1				98		%
Rhodium	103-2				110		%
Scandium	45-1				98		%
Scandium	45-2				112		%
Selenium	82-1	0.42	-0.13	0.49	0.26	131.86	ppb
Selenium	77-2	-0.20	-0.20	-0.20	-0.20		ppb
Selenium	78-2	0.13	0.02	0.18	0.11	77.06	ppb
Silicon	28-1	-3.98	6.26	-0.29	0.66	783.33	ppb
Silver	107-1	0.01	0.02	0.02	0.02	30.48	ppb
Silver	109-1	0.00	0.01	0.01	0.01	52.61	ppb
Sodium	23-2	-4.69	-3.75	-4.77	-4.40		ppb
Strontium	86-1	0.02	0.10	0.00	0.04	130.03	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	189.00	ppb
Sulfur	34-1	-3059.59	-772.33	-2133.68	-1988.53		ppb
Terbium	159-1				97		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	0.00	0.02	0.00		ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICB42	Instrumnet Name :	P8
Client Sample ID :	ICB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:52:48	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				112		%
Zinc	66-2	-0.07	-0.13	-0.04	-0.08		ppb
Zirconium	90-1	0.10	-0.06	0.16	0.07	169.87	ppb
Zirconium	91-1	-0.13	0.01	-0.08	-0.07		ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSA42	Instrumnet Name :	P8
Client Sample ID :	ICSA42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:55:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97290.80	96316.79	110113.92	101240.50	7.61	ppb
Antimony	121-1	1.09	1.14	1.12	1.12	2.27	ppb
Arsenic	75-2	0.22	0.31	0.28	0.27	17.41	ppb
Barium	135-1	1.43	1.49	1.38	1.43	3.80	ppb
Barium	137-1	1.45	1.56	1.50	1.50	3.73	ppb
Beryllium	9-1	0.27	0.27	0.30	0.28	6.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	9.24	8.93	9.02	9.06	1.76	ppb
Boron	11-1	10.10	9.92	10.34	10.12	2.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.38	0.17	0.28	36.71	ppb
Cadmium	106-1	-1.04	0.27	-2.53	-1.10		ppb
Cadmium	108-1	11.60	10.53	11.02	11.05	4.84	ppb
Calcium	43-1	93713.52	95334.67	95442.41	94830.20	1.02	ppb
Calcium	44-1	94821.62	97509.77	97645.24	96658.88	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.38	18.53	21.10	19.34	7.92	ppb
Cobalt	59-2	1.10	1.12	1.27	1.16	7.78	ppb
Copper	63-2	6.95	7.22	8.06	7.41	7.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	102688.91	102994.51	112546.66	106076.70	5.28	ppb
Iron	56-2	100863.19	100861.67	114837.48	105520.78	7.65	ppb
Iron	57-2	102252.95	103209.71	112816.68	106093.11	5.51	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSA42	Instrumnet Name :	P8
Client Sample ID :	ICSA42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:55:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.42	4.43	4.47	4.44	0.61	ppb
Lead	207-1	3.96	4.03	4.07	4.02	1.37	ppb
Lead	208-1	4.19	4.23	4.22	4.21	0.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	95923.63	95291.27	109401.02	100205.31	7.95	ppb
Manganese	55-2	7.12	6.84	8.06	7.34	8.67	ppb
Molybdenum	94-1	1336.41	1339.33	1330.84	1335.53	0.32	ppb
Molybdenum	95-1	1935.24	1971.32	1938.06	1948.20	1.03	ppb
Molybdenum	96-1	1824.38	1894.17	1857.73	1858.76	1.88	ppb
Molybdenum	97-1	1902.95	2010.54	1959.10	1957.53	2.75	ppb
Molybdenum	98-1	1910.64	2008.16	1974.31	1964.37	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.37	6.22	5.67	8.52	ppb
Phosphorus	31-2	151672.58	149505.89	170193.14	157123.87	7.24	ppb
Potassium	39-2	95852.15	98553.71	106686.54	100364.14	5.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.44	1.19	0.16	0.60	88.54	ppb
Selenium	77-2	0.34	0.34	0.41	0.36	10.29	ppb
Selenium	78-2	0.05	0.07	0.45	0.19	119.87	ppb
Silicon	28-1	26.94	28.29	32.91	29.38	10.66	ppb
Silver	107-1	0.04	0.02	0.02	0.03	43.92	ppb
Silver	109-1	0.03	0.02	0.02	0.03	19.89	ppb
Sodium	23-2	100648.99	101617.29	116443.48	106236.59	8.33	ppb
Strontium	86-1	33.80	35.20	34.44	34.48	2.03	ppb
Strontium	88-1	34.31	35.08	34.98	34.79	1.21	ppb
Sulfur	34-1	159942.12	157883.63	161340.35	159722.04	1.09	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	0.02	0.00	0.00	1679.04	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.18	0.14	0.17	0.16	12.21	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSA42	Instrumnet Name :	P8
Client Sample ID :	ICSA42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:55:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1939.89	1951.32	2003.97	1965.06	1.74	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.51	ppb
Vanadium	51-2	0.15	0.15	0.14	0.15	2.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	10.31	10.89	12.46	11.22	9.93	ppb
Zirconium	90-1	0.22	0.24	0.21	0.22	5.78	ppb
Zirconium	91-1	0.19	0.19	0.21	0.20	6.97	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSAB42	Instrumnet Name :	P8
Client Sample ID :	ICSAB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:58:44	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95980.89	99253.29	97809.93	97681.37	1.68	ppb
Antimony	121-1	20.18	19.75	20.03	19.99	1.09	ppb
Arsenic	75-2	19.82	19.84	18.82	19.49	2.97	ppb
Barium	135-1	20.88	20.39	21.05	20.77	1.66	ppb
Barium	137-1	21.08	20.84	20.93	20.95	0.57	ppb
Beryllium	9-1	19.64	20.09	19.07	19.60	2.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	56.28	59.37	58.58	58.08	2.76	ppb
Boron	11-1	60.30	65.35	63.52	63.05	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	19.73	19.89	19.28	19.63	1.60	ppb
Cadmium	106-1	23.09	22.08	22.76	22.64	2.26	ppb
Cadmium	108-1	30.86	30.86	31.34	31.02	0.89	ppb
Calcium	43-1	94143.70	89342.26	92554.99	92013.65	2.66	ppb
Calcium	44-1	97184.58	91766.42	94461.89	94470.96	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.01	37.69	37.38	37.36	0.91	ppb
Cobalt	59-2	19.58	19.97	19.68	19.74	1.04	ppb
Copper	63-2	24.97	25.69	25.45	25.37	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	104087.53	101343.19	102389.92	102606.88	1.35	ppb
Iron	56-2	99081.88	102941.01	101773.26	101265.38	1.95	ppb
Iron	57-2	98988.56	100009.53	99247.29	99415.13	0.53	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSAB42	Instrumnet Name :	P8
Client Sample ID :	ICSAB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:58:44	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.46	23.32	23.03	22.94	1.91	ppb
Lead	207-1	21.74	22.59	22.82	22.38	2.54	ppb
Lead	208-1	22.15	22.81	22.56	22.50	1.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	96399.97	99045.23	97648.42	97697.87	1.35	ppb
Manganese	55-2	25.25	25.45	25.07	25.26	0.74	ppb
Molybdenum	94-1	1350.90	1454.02	1384.19	1396.37	3.77	ppb
Molybdenum	95-1	1830.89	1955.77	1872.46	1886.37	3.37	ppb
Molybdenum	96-1	1806.10	1886.50	1827.36	1839.98	2.26	ppb
Molybdenum	97-1	1902.33	1957.95	1899.36	1919.88	1.72	ppb
Molybdenum	98-1	1829.60	1957.20	1892.13	1892.98	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.48	23.73	23.36	23.52	0.79	ppb
Phosphorus	31-2	146026.69	150579.53	152352.05	149652.76	2.18	ppb
Potassium	39-2	95270.75	96052.50	94540.61	95287.95	0.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	19.38	19.13	19.86	19.46	1.92	ppb
Selenium	77-2	17.36	21.15	18.14	18.88	10.60	ppb
Selenium	78-2	18.89	18.69	18.09	18.56	2.25	ppb
Silicon	28-1	32.06	29.58	33.68	31.77	6.49	ppb
Silver	107-1	18.50	17.81	17.97	18.09	1.98	ppb
Silver	109-1	18.70	18.47	18.52	18.56	0.66	ppb
Sodium	23-2	100491.94	103232.58	103483.92	102402.82	1.62	ppb
Strontium	86-1	81.65	79.90	81.03	80.86	1.10	ppb
Strontium	88-1	83.03	81.73	82.00	82.25	0.83	ppb
Sulfur	34-1	157296.23	146818.13	152890.28	152334.88	3.45	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	19.24	19.25	19.53	19.34	0.85	ppb
Thallium	205-1	19.20	19.39	19.67	19.42	1.21	ppb
Tin	118-1	47.65	46.25	46.77	46.89	1.51	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSAB42	Instrumnet Name :	P8
Client Sample ID :	ICSAB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:58:44	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1937.25	1903.73	1972.48	1937.82	1.77	ppb
Uranium	238-1	46.14	46.57	46.70	46.47	0.64	ppb
Vanadium	51-2	18.50	19.17	18.90	18.86	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	28.51	29.04	28.29	28.61	1.36	ppb
Zirconium	90-1	476.08	487.76	475.40	479.75	1.45	ppb
Zirconium	91-1	464.89	480.45	471.02	472.12	1.66	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49883.41	50085.09	50700.37	50222.96	0.85	ppb
Antimony	121-1	483.52	493.69	505.49	494.23	2.23	ppb
Arsenic	75-2	480.71	490.05	478.38	483.05	1.28	ppb
Barium	135-1	2484.64	2530.22	2547.85	2520.90	1.29	ppb
Barium	137-1	2461.80	2489.47	2514.90	2488.72	1.07	ppb
Beryllium	9-1	503.22	499.85	486.97	496.68	1.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	517.82	540.46	549.22	535.83	3.02	ppb
Boron	11-1	559.75	589.90	594.12	581.26	3.22	ppb
Bromine	81-1						cps
Cadmium	111-1	511.03	502.43	512.18	508.55	1.05	ppb
Cadmium	106-1	535.67	535.87	558.19	543.24	2.38	ppb
Cadmium	108-1	531.09	525.37	544.68	533.71	1.86	ppb
Calcium	43-1	265561.81	268088.13	271514.55	268388.16	1.11	ppb
Calcium	44-1	259592.39	264119.44	267551.68	263754.50	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.28	478.86	485.06	483.73	0.90	ppb
Cobalt	59-2	478.06	468.58	478.22	474.95	1.16	ppb
Copper	63-2	4930.44	4801.01	4659.15	4796.87	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	130168.69	125725.94	127951.77	127948.80	1.74	ppb
Iron	56-2	125772.10	127181.65	126450.89	126468.21	0.56	ppb
Iron	57-2	127771.49	123499.61	124240.14	125170.42	1.82	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2499.37	2491.47	2501.80	2497.55	0.22	ppb
Lead	207-1	2514.22	2535.93	2536.88	2529.01	0.51	ppb
Lead	208-1	2488.30	2515.00	2528.04	2510.45	0.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	249561.50	253988.83	254113.16	252554.50	1.03	ppb
Manganese	55-2	5046.45	5024.51	4975.66	5015.54	0.72	ppb
Molybdenum	94-1	2715.73	2708.42	2649.85	2691.33	1.34	ppb
Molybdenum	95-1	2452.60	2489.01	2448.65	2463.42	0.90	ppb
Molybdenum	96-1	2460.02	2470.77	2498.62	2476.47	0.80	ppb
Molybdenum	97-1	2495.20	2434.33	2471.84	2467.12	1.24	ppb
Molybdenum	98-1	2439.18	2444.33	2457.17	2446.89	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.43	451.08	451.50	455.01	1.41	ppb
Phosphorus	31-2	10056.95	9538.02	9526.37	9707.11	3.12	ppb
Potassium	39-2	125542.22	124177.16	124511.25	124743.54	0.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	82-1	493.20	494.86	496.55	494.87	0.34	ppb
Selenium	77-2	497.47	498.53	464.38	486.79	3.99	ppb
Selenium	78-2	474.89	490.65	488.32	484.62	1.76	ppb
Silicon	28-1	505.47	507.95	557.46	523.62	5.60	ppb
Silver	107-1	489.04	494.32	518.62	500.66	3.15	ppb
Silver	109-1	510.74	515.09	513.63	513.15	0.43	ppb
Sodium	23-2	252981.30	253902.36	248312.98	251732.21	1.19	ppb
Strontium	86-1	4834.20	4863.24	4849.38	4848.94	0.30	ppb
Strontium	88-1	4868.50	4870.09	4839.13	4859.24	0.36	ppb
Sulfur	34-1	9949.31	9818.53	10224.31	9997.38	2.07	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	503.22	509.51	525.72	512.82	2.26	ppb
Thallium	205-1	507.91	501.12	509.09	506.04	0.85	ppb
Tin	118-1	493.34	501.86	517.47	504.22	2.43	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2371.97	2434.55	2467.40	2424.64	2.00	ppb
Uranium	238-1	508.87	515.98	508.70	511.18	0.81	ppb
Vanadium	51-2	493.10	484.71	490.11	489.31	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				118		%
Zinc	66-2	4790.81	4716.44	4702.47	4736.58	1.00	ppb
Zirconium	90-1	6506.24	6380.40	6339.12	6408.59	1.36	ppb
Zirconium	91-1	6467.41	6497.39	6339.60	6434.80	1.30	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:21:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	1.08	0.90	0.77	49.98	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	10.63	ppb
Arsenic	75-2	-0.02	-0.04	-0.01	-0.02		ppb
Barium	135-1	0.57	0.01	0.06	0.21	144.83	ppb
Barium	137-1	0.43	0.06	0.04	0.18	127.34	ppb
Beryllium	9-1	0.05	0.03	0.02	0.03	59.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	42.52	41.64	37.72	40.62	6.29	ppb
Boron	11-1	46.53	43.89	40.59	43.67	6.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.03	0.10	0.06	69.36	ppb
Cadmium	106-1	-0.71	-0.30	0.83	-0.06		ppb
Cadmium	108-1	-0.08	-0.38	-0.34	-0.27		ppb
Calcium	43-1	680.29	2.63	2.09	228.34	171.41	ppb
Calcium	44-1	508.96	18.07	20.85	182.62	154.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.03	0.03	93.82	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	8.96	ppb
Copper	63-2	0.14	0.16	0.14	0.14	8.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	1.29	2.53	2.35	2.06	32.47	ppb
Iron	56-2	2.00	2.85	2.59	2.48	17.41	ppb
Iron	57-2	0.62	1.33	2.25	1.40	58.57	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:21:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.39	0.22	0.21	0.27	38.48	ppb
Lead	207-1	0.32	0.22	0.21	0.25	26.42	ppb
Lead	208-1	0.37	0.22	0.21	0.27	34.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.31	4.71	3.59	3.87	19.08	ppb
Manganese	55-2	0.06	0.12	0.05	0.07	47.01	ppb
Molybdenum	94-1	0.88	0.13	0.11	0.37	117.93	ppb
Molybdenum	95-1	0.52	0.12	0.11	0.25	92.30	ppb
Molybdenum	96-1	0.85	0.10	0.10	0.35	123.85	ppb
Molybdenum	97-1	0.71	0.13	0.11	0.32	106.97	ppb
Molybdenum	98-1	0.61	0.13	0.11	0.28	99.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.01	0.00	620.24	ppb
Phosphorus	31-2	-15.56	5.49	15.96	1.97	816.50	ppb
Potassium	39-2	18.85	29.60	46.48	31.65	44.01	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.00	0.00	-0.36	-0.12		ppb
Selenium	77-2	-0.20	0.36	-0.20	-0.01		ppb
Selenium	78-2	-0.45	-0.11	-0.11	-0.22		ppb
Silicon	28-1	-2.08	-4.75	-2.03	-2.95		ppb
Silver	107-1	0.08	0.07	0.06	0.07	11.30	ppb
Silver	109-1	0.08	0.07	0.05	0.07	19.58	ppb
Sodium	23-2	31.99	41.68	47.25	40.31	19.16	ppb
Strontium	86-1	1.48	0.06	0.06	0.53	155.00	ppb
Strontium	88-1	1.74	0.08	0.08	0.64	151.06	ppb
Sulfur	34-1	-3682.92	-3847.08	-3391.83	-3640.61		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.06	0.03	0.05	47.68	ppb
Thallium	205-1	0.10	0.07	0.03	0.07	50.65	ppb
Tin	118-1	0.05	0.03	0.01	0.03	66.56	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:21:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.74	0.06	0.05	1.28	165.76	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	71.90	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	126.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.12	0.27	0.00	0.13	100.71	ppb
Zirconium	90-1	3.82	0.29	0.23	1.44	142.31	ppb
Zirconium	91-1	2.68	0.29	0.14	1.04	137.28	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:25:19 DataFile Name : 023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.62	21.96	22.72	22.43	1.84	ppb
Antimony	121-1	2.23	2.22	2.22	2.22	0.30	ppb
Arsenic	75-2	1.00	0.89	1.05	0.98	7.94	ppb
Barium	135-1	10.42	10.81	10.58	10.60	1.88	ppb
Barium	137-1	10.51	10.97	10.27	10.58	3.35	ppb
Beryllium	9-1	1.06	1.05	1.07	1.06	1.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				110		%
Boron	10-1	43.75	45.67	46.14	45.19	2.81	ppb
Boron	11-1	49.01	49.67	52.17	50.28	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.14	1.11	1.08	7.04	ppb
Cadmium	106-1	0.87	0.87	0.81	0.85	4.14	ppb
Cadmium	108-1	0.65	0.93	0.68	0.75	20.68	ppb
Calcium	43-1	498.51	492.69	497.95	496.38	0.65	ppb
Calcium	44-1	512.31	510.80	521.85	514.99	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.07	2.02	2.02	2.41	ppb
Cobalt	59-2	0.98	0.99	1.03	1.00	2.66	ppb
Copper	63-2	2.16	2.18	2.16	2.17	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	54-2	57.50	56.81	55.82	56.71	1.50	ppb
Iron	56-2	56.23	56.43	54.80	55.82	1.59	ppb
Iron	57-2	53.96	53.31	54.42	53.90	1.03	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:25:19	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.12	1.09	1.14	1.12	2.27	ppb
Lead	207-1	1.12	1.12	1.08	1.10	2.25	ppb
Lead	208-1	1.13	1.12	1.14	1.13	0.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	538.79	536.25	521.17	532.07	1.79	ppb
Manganese	55-2	1.08	0.97	1.00	1.01	5.77	ppb
Molybdenum	94-1	5.18	5.06	5.36	5.20	2.96	ppb
Molybdenum	95-1	5.20	5.02	5.26	5.16	2.39	ppb
Molybdenum	96-1	5.05	5.07	5.24	5.12	2.01	ppb
Molybdenum	97-1	5.18	5.28	5.61	5.36	4.23	ppb
Molybdenum	98-1	5.05	5.17	5.51	5.24	4.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.13	1.08	1.11	2.76	ppb
Phosphorus	31-2	-1.07	7.90	-6.96	-0.04		ppb
Potassium	39-2	518.38	515.73	517.06	517.05	0.26	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	82-1	5.01	5.57	5.31	5.30	5.31	ppb
Selenium	77-2	5.41	5.96	6.51	5.96	9.20	ppb
Selenium	78-2	3.39	5.39	6.51	5.10	31.04	ppb
Silicon	28-1	7.26	5.19	8.25	6.90	22.68	ppb
Silver	107-1	1.09	1.15	1.02	1.08	6.16	ppb
Silver	109-1	1.07	1.11	1.02	1.07	4.11	ppb
Sodium	23-2	561.03	558.32	555.30	558.22	0.51	ppb
Strontium	86-1	1.14	1.23	1.29	1.22	6.31	ppb
Strontium	88-1	1.14	1.15	1.20	1.16	2.81	ppb
Sulfur	34-1	-3520.76	-3768.65	-3647.04	-3645.48		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	1.00	1.02	0.97	1.00	2.26	ppb
Thallium	205-1	0.97	0.98	1.04	1.00	4.19	ppb
Tin	118-1	5.21	5.53	5.29	5.35	3.17	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:25:19	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.09	4.92	4.99	5.00	1.66	ppb
Uranium	238-1	0.91	0.90	0.91	0.91	0.76	ppb
Vanadium	51-2	5.11	5.07	5.21	5.13	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				117		%
Zinc	66-2	2.47	2.39	2.35	2.40	2.58	ppb
Zirconium	90-1	9.80	9.54	10.33	9.89	4.05	ppb
Zirconium	91-1	9.64	10.40	9.86	9.97	3.92	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139265BL Instrumnet Name : P8
 Client Sample ID : PB139265BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:28:21 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.27	-0.03	0.14	107.50	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	42.95	ppb
Arsenic	75-2	-0.06	-0.01	-0.05	-0.04		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.02	0.01	0.02	54.81	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	35.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				109		%
Boron	10-1	21.61	21.53	20.14	21.09	3.90	ppb
Boron	11-1	23.01	22.42	21.12	22.18	4.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.12	0.15	0.08	116.88	ppb
Cadmium	106-1	-0.36	1.54	1.76	0.98	119.26	ppb
Cadmium	108-1	-0.28	-0.40	-0.38	-0.35		ppb
Calcium	43-1	-1.13	-1.31	-0.21	-0.88		ppb
Calcium	44-1	12.20	17.73	14.44	14.79	18.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.03	0.02	0.03	20.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				114		%
Iron	54-2	0.16	-0.19	-0.39	-0.14		ppb
Iron	56-2	0.43	0.48	0.48	0.46	5.95	ppb
Iron	57-2	-0.22	0.94	0.71	0.47	129.12	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BL	Instrumnet Name :	P8
Client Sample ID :	PB139265BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:28:21	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.13	0.14	12.99	ppb
Lead	207-1	0.15	0.14	0.12	0.14	10.98	ppb
Lead	208-1	0.14	0.15	0.13	0.14	8.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.72	0.46	0.84	0.67	28.62	ppb
Manganese	55-2	0.06	0.02	-0.01	0.02	142.91	ppb
Molybdenum	94-1	0.03	0.05	0.03	0.04	40.88	ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	114.57	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	47.33	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.02	44.57	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	23.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.00	0.01	78.61	ppb
Phosphorus	31-2	5.33	-12.63	-9.49	-5.60		ppb
Potassium	39-2	9.93	10.56	7.53	9.34	17.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				114		%
Scandium	45-1				107		%
Scandium	45-2				114		%
Selenium	82-1	-0.01	0.20	-0.12	0.02	763.66	ppb
Selenium	77-2	0.30	0.32	-0.20	0.14	208.30	ppb
Selenium	78-2	-0.26	0.52	0.45	0.24	183.30	ppb
Silicon	28-1	-7.38	-3.11	-6.04	-5.51		ppb
Silver	107-1	0.02	0.03	0.03	0.03	33.67	ppb
Silver	109-1	0.01	0.03	0.02	0.02	39.79	ppb
Sodium	23-2	15.62	16.34	15.19	15.72	3.67	ppb
Strontium	86-1	0.01	0.02	0.05	0.03	73.32	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.21	ppb
Sulfur	34-1	-3567.58	-2421.22	-3000.20	-2996.33		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.04	-0.01	0.02	163.99	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	45.94	ppb
Tin	118-1	0.03	0.02	0.00	0.02	73.00	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BL	Instrumnet Name :	P8
Client Sample ID :	PB139265BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:28:21	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.04	0.02	0.04	35.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	154.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	462.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				117		%
Zinc	66-2	-0.03	0.04	-0.03	-0.01		ppb
Zirconium	90-1	0.06	0.19	0.15	0.13	51.22	ppb
Zirconium	91-1	0.01	0.07	0.08	0.05	64.96	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BS	Instrumnet Name :	P8
Client Sample ID :	PB139265BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:31:21	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.17	45.06	42.15	42.79	4.72	ppb
Antimony	121-1	4.05	4.02	4.09	4.05	0.92	ppb
Arsenic	75-2	1.76	1.88	2.00	1.88	6.64	ppb
Barium	135-1	19.83	19.77	20.62	20.08	2.34	ppb
Barium	137-1	20.05	20.30	20.38	20.24	0.83	ppb
Beryllium	9-1	2.09	1.98	2.15	2.07	4.05	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	57.06	58.80	64.82	60.23	6.77	ppb
Boron	11-1	61.63	64.55	69.88	65.35	6.40	ppb
Bromine	81-1						cps
Cadmium	111-1	1.77	1.91	2.04	1.90	7.12	ppb
Cadmium	106-1	0.97	1.59	2.05	1.53	35.34	ppb
Cadmium	108-1	1.85	1.90	1.94	1.90	2.33	ppb
Calcium	43-1	939.06	932.96	937.57	936.53	0.34	ppb
Calcium	44-1	966.18	962.87	975.78	968.28	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.88	4.05	3.91	3.95	2.32	ppb
Cobalt	59-2	1.97	2.01	1.86	1.95	3.79	ppb
Copper	63-2	3.43	3.53	3.44	3.47	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				113		%
Iron	54-2	281.98	299.37	293.16	291.50	3.02	ppb
Iron	56-2	291.01	298.60	287.03	292.21	2.01	ppb
Iron	57-2	286.49	288.99	277.69	284.39	2.09	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BS	Instrumnet Name :	P8
Client Sample ID :	PB139265BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:31:21	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.84	1.90	1.94	1.89	2.65	ppb
Lead	207-1	1.89	1.92	1.97	1.93	1.95	ppb
Lead	208-1	1.91	1.90	1.96	1.92	1.74	ppb
Lithium	6-1				98		%
Magnesium	24-2	992.61	1044.03	1023.32	1019.99	2.54	ppb
Manganese	55-2	2.07	1.98	1.89	1.98	4.41	ppb
Molybdenum	94-1	9.70	10.12	9.69	9.84	2.51	ppb
Molybdenum	95-1	10.08	9.92	9.77	9.92	1.55	ppb
Molybdenum	96-1	9.94	9.72	9.97	9.87	1.38	ppb
Molybdenum	97-1	10.09	10.11	9.77	9.99	1.96	ppb
Molybdenum	98-1	9.90	10.08	9.87	9.95	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.08	2.02	2.09	3.79	ppb
Phosphorus	31-2	4.61	6.04	1.94	4.20	49.62	ppb
Potassium	39-2	984.08	1037.12	1000.47	1007.23	2.70	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	11.10	10.24	10.21	10.51	4.80	ppb
Selenium	77-2	7.44	10.32	11.25	9.67	20.54	ppb
Selenium	78-2	8.84	9.65	9.29	9.26	4.39	ppb
Silicon	28-1	14.81	15.18	16.86	15.62	7.00	ppb
Silver	107-1	1.95	1.95	2.03	1.98	2.47	ppb
Silver	109-1	1.96	2.07	2.07	2.04	3.15	ppb
Sodium	23-2	1025.24	1095.17	1033.32	1051.24	3.64	ppb
Strontium	86-1	2.15	2.26	2.33	2.24	3.91	ppb
Strontium	88-1	2.21	2.14	2.20	2.18	1.81	ppb
Sulfur	34-1	-3420.07	-3490.58	-3177.25	-3362.63		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	1.87	1.79	1.93	1.87	3.80	ppb
Thallium	205-1	1.86	1.86	1.87	1.87	0.42	ppb
Tin	118-1	9.89	9.84	9.91	9.88	0.33	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BS	Instrumnet Name :	P8
Client Sample ID :	PB139265BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:31:21	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.53	9.68	9.70	9.64	0.93	ppb
Uranium	238-1	1.76	1.70	1.77	1.74	2.21	ppb
Vanadium	51-2	9.75	9.97	9.75	9.82	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				116		%
Zinc	66-2	7.64	7.94	7.47	7.68	3.06	ppb
Zirconium	90-1	18.59	19.06	18.81	18.82	1.23	ppb
Zirconium	91-1	17.89	18.60	17.90	18.13	2.24	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94.31	94.48	90.42	93.07	2.47	ppb
Antimony	121-1	0.11	0.10	0.11	0.11	4.60	ppb
Arsenic	75-2	0.56	0.55	0.48	0.53	7.78	ppb
Barium	135-1	46.86	45.89	44.46	45.74	2.63	ppb
Barium	137-1	47.03	46.80	44.97	46.26	2.44	ppb
Beryllium	9-1	0.02	0.02	0.01	0.01	43.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	51.58	53.01	52.59	52.39	1.41	ppb
Boron	11-1	56.12	58.08	57.31	57.17	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.10	-0.01	0.04	142.90	ppb
Cadmium	106-1	0.08	1.08	-0.45	0.24	328.81	ppb
Cadmium	108-1	-0.34	-0.46	-0.50	-0.43		ppb
Calcium	43-1	26006.72	24413.14	24547.16	24989.01	3.54	ppb
Calcium	44-1	26146.77	25388.14	24605.55	25380.15	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.23	0.22	0.23	4.09	ppb
Cobalt	59-2	0.13	0.12	0.14	0.13	7.17	ppb
Copper	63-2	1.20	1.12	1.19	1.17	3.75	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				108		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	54-2	211.62	205.47	202.52	206.54	2.25	ppb
Iron	56-2	204.87	200.57	204.65	203.36	1.19	ppb
Iron	57-2	198.09	203.41	202.79	201.43	1.44	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.32	0.33	0.33	2.98	ppb
Lead	207-1	0.28	0.24	0.31	0.28	12.48	ppb
Lead	208-1	0.31	0.28	0.31	0.30	4.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	10005.83	9958.40	10191.50	10051.91	1.23	ppb
Manganese	55-2	30.32	30.43	29.78	30.18	1.15	ppb
Molybdenum	94-1	0.43	0.40	0.45	0.43	5.74	ppb
Molybdenum	95-1	0.57	0.55	0.52	0.54	4.51	ppb
Molybdenum	96-1	0.53	0.50	0.49	0.51	4.31	ppb
Molybdenum	97-1	0.59	0.54	0.50	0.54	8.19	ppb
Molybdenum	98-1	0.51	0.47	0.51	0.50	5.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.41	0.44	0.41	6.83	ppb
Phosphorus	31-2	56.48	53.49	42.19	50.72	14.86	ppb
Potassium	39-2	2394.30	2386.87	2374.17	2385.12	0.43	ppb
Rhodium	103-1				107		%
Rhodium	103-2				113		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	82-1	-0.17	0.70	0.49	0.34	134.39	ppb
Selenium	77-2	-0.20	0.79	0.82	0.47	123.31	ppb
Selenium	78-2	0.04	-0.28	0.14	-0.03		ppb
Silicon	28-1	3777.02	3530.67	3488.20	3598.63	4.33	ppb
Silver	107-1	0.01	0.01	0.00	0.01	53.52	ppb
Silver	109-1	0.01	0.01	0.00	0.01	67.73	ppb
Sodium	23-2	27732.49	27540.60	27829.15	27700.75	0.53	ppb
Strontium	86-1	151.85	144.39	143.84	146.69	3.05	ppb
Strontium	88-1	154.74	150.40	148.32	151.15	2.17	ppb
Sulfur	34-1	9899.20	8369.64	8495.30	8921.38	9.52	ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.04	-0.02	-0.02		ppb
Tin	118-1	0.07	0.07	0.08	0.07	5.89	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.76	2.52	2.81	2.70	5.69	ppb
Uranium	238-1	0.26	0.25	0.26	0.26	2.44	ppb
Vanadium	51-2	0.85	0.77	0.85	0.82	5.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				120		%
Zinc	66-2	24.99	24.49	23.95	24.48	2.12	ppb
Zirconium	90-1	0.40	0.42	0.52	0.44	14.68	ppb
Zirconium	91-1	0.38	0.36	0.32	0.35	8.87	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	134.69	126.69	129.37	130.25	3.12	ppb
Antimony	121-1	0.21	0.21	0.22	0.21	3.65	ppb
Arsenic	75-2	4.03	4.18	4.53	4.24	6.02	ppb
Barium	135-1	112.47	111.07	110.13	111.22	1.06	ppb
Barium	137-1	114.51	117.64	110.15	114.10	3.30	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	29.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	98.69	100.00	100.56	99.75	0.96	ppb
Boron	11-1	108.95	112.80	115.29	112.35	2.85	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.07	0.09	0.07	42.35	ppb
Cadmium	106-1	0.35	0.87	0.90	0.71	43.39	ppb
Cadmium	108-1	-0.25	-0.44	-0.36	-0.35		ppb
Calcium	43-1	24693.83	25318.80	24284.43	24765.69	2.10	ppb
Calcium	44-1	25739.76	25459.81	24162.53	25120.70	3.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.01	1.05	1.07	1.05	2.97	ppb
Cobalt	59-2	3.09	3.09	3.04	3.07	0.91	ppb
Copper	63-2	3.76	3.59	3.51	3.62	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				115		%
Iron	54-2	18512.96	18665.41	18389.57	18522.65	0.75	ppb
Iron	56-2	18398.35	18107.43	17656.63	18054.14	2.07	ppb
Iron	57-2	17690.50	17421.00	17254.58	17455.36	1.26	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.12	1.00	1.02	1.04	6.10	ppb
Lead	207-1	0.97	0.96	0.93	0.96	2.06	ppb
Lead	208-1	1.05	0.99	0.98	1.01	3.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	9952.70	9668.32	9480.17	9700.40	2.45	ppb
Manganese	55-2	2025.43	2040.13	2008.97	2024.84	0.77	ppb
Molybdenum	94-1	0.60	0.54	0.52	0.56	7.74	ppb
Molybdenum	95-1	0.51	0.52	0.58	0.54	7.43	ppb
Molybdenum	96-1	0.62	0.66	0.61	0.63	4.60	ppb
Molybdenum	97-1	0.57	0.52	0.48	0.52	9.08	ppb
Molybdenum	98-1	0.49	0.48	0.48	0.49	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.61	5.32	5.51	3.01	ppb
Phosphorus	31-2	315.46	309.70	253.41	292.86	11.71	ppb
Potassium	39-2	4423.23	4367.13	4270.23	4353.53	1.78	ppb
Rhodium	103-1				109		%
Rhodium	103-2				114		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	0.76	0.59	0.37	0.57	34.26	ppb
Selenium	77-2	2.84	1.31	1.84	2.00	38.78	ppb
Selenium	78-2	0.81	0.56	0.65	0.67	18.26	ppb
Silicon	28-1	5100.56	5154.50	5045.72	5100.26	1.07	ppb
Silver	107-1	0.05	0.07	0.06	0.06	13.88	ppb
Silver	109-1	0.06	0.06	0.05	0.06	9.22	ppb
Sodium	23-2	27623.86	26783.51	26654.18	27020.52	1.95	ppb
Strontium	86-1	118.39	117.33	115.11	116.94	1.43	ppb
Strontium	88-1	118.12	119.74	116.04	117.97	1.57	ppb
Sulfur	34-1	50423.53	50764.14	49330.86	50172.84	1.49	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.04	-0.02	-0.05	-0.04		ppb
Tin	118-1	0.03	0.04	0.03	0.03	25.56	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.18	3.18	3.11	3.16	1.26	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	5.27	ppb
Vanadium	51-2	1.25	1.27	1.25	1.26	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				118		%
Zinc	66-2	24.22	24.75	23.92	24.30	1.73	ppb
Zirconium	90-1	1.16	1.18	1.06	1.14	5.71	ppb
Zirconium	91-1	1.18	1.10	1.19	1.16	4.43	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.05	74.36	76.26	75.89	1.82	ppb
Antimony	121-1	0.31	0.29	0.32	0.31	3.87	ppb
Arsenic	75-2	0.94	0.81	0.87	0.88	7.06	ppb
Barium	135-1	51.58	51.00	52.96	51.85	1.94	ppb
Barium	137-1	52.03	51.76	53.10	52.30	1.36	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	72.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	85.90	87.83	88.95	87.56	1.76	ppb
Boron	11-1	93.63	97.56	99.61	96.93	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.11	0.11	0.11	6.27	ppb
Cadmium	106-1	1.08	1.27	1.27	1.21	8.95	ppb
Cadmium	108-1	-0.39	-0.43	-0.40	-0.41		ppb
Calcium	43-1	25616.07	26590.54	26461.10	26222.57	2.02	ppb
Calcium	44-1	26107.15	26188.53	26133.28	26142.98	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.43	0.43	0.41	5.28	ppb
Cobalt	59-2	0.22	0.23	0.24	0.23	2.96	ppb
Copper	63-2	3.19	3.11	3.22	3.17	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				116		%
Iron	54-2	390.48	387.80	392.54	390.27	0.61	ppb
Iron	56-2	394.45	394.54	394.16	394.39	0.05	ppb
Iron	57-2	392.24	379.01	384.88	385.37	1.72	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.35	0.39	0.36	5.36	ppb
Lead	207-1	0.30	0.34	0.34	0.33	7.89	ppb
Lead	208-1	0.36	0.36	0.36	0.36	1.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	10560.12	10267.56	10638.16	10488.61	1.86	ppb
Manganese	55-2	109.46	105.55	107.89	107.63	1.83	ppb
Molybdenum	94-1	0.88	0.85	0.92	0.88	4.17	ppb
Molybdenum	95-1	1.10	1.10	1.17	1.12	3.71	ppb
Molybdenum	96-1	1.01	1.04	1.08	1.04	3.22	ppb
Molybdenum	97-1	1.18	1.09	1.19	1.15	4.58	ppb
Molybdenum	98-1	1.10	1.11	1.17	1.13	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.99	0.98	1.01	4.29	ppb
Phosphorus	31-2	779.08	674.18	794.11	749.12	8.72	ppb
Potassium	39-2	3770.75	3693.25	3737.70	3733.90	1.04	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				113		%
Scandium	45-2				118		%
Selenium	82-1	0.08	0.26	0.44	0.26	68.78	ppb
Selenium	77-2	-0.20	0.31	0.31	0.14	210.13	ppb
Selenium	78-2	0.16	0.25	0.50	0.30	57.67	ppb
Silicon	28-1	3785.95	3735.19	3846.57	3789.23	1.47	ppb
Silver	107-1	0.01	0.00	0.00	0.00	142.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	37799.22	35622.51	37068.80	36830.17	3.01	ppb
Strontium	86-1	151.65	158.05	160.02	156.57	2.80	ppb
Strontium	88-1	157.75	160.74	163.73	160.74	1.86	ppb
Sulfur	34-1	13302.57	13358.88	14372.62	13678.02	4.40	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	-0.05	-0.05	-0.03	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.53	0.57	0.57	0.56	3.83	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.32	2.26	2.31	2.30	1.26	ppb
Uranium	238-1	0.18	0.17	0.18	0.18	3.26	ppb
Vanadium	51-2	0.92	0.88	0.91	0.90	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				118		%
Zinc	66-2	26.23	25.28	26.36	25.96	2.26	ppb
Zirconium	90-1	0.62	0.41	0.73	0.59	27.81	ppb
Zirconium	91-1	0.68	0.74	0.64	0.69	7.56	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.98	88.86	89.76	90.20	1.78	ppb
Antimony	121-1	0.30	0.35	0.32	0.32	7.00	ppb
Arsenic	75-2	0.74	0.70	0.85	0.76	9.99	ppb
Barium	135-1	56.06	58.31	58.91	57.76	2.60	ppb
Barium	137-1	56.40	58.40	57.30	57.37	1.75	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	7.83	ppb
Bismuth	209-1				95		%
Bismuth	209-2				108		%
Boron	10-1	97.21	100.18	101.31	99.57	2.13	ppb
Boron	11-1	106.29	114.46	110.01	110.25	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.13	0.19	0.11	80.09	ppb
Cadmium	106-1	0.12	1.23	2.33	1.23	90.16	ppb
Cadmium	108-1	-0.37	-0.30	-0.36	-0.34		ppb
Calcium	43-1	28122.33	29522.47	30600.78	29415.19	4.22	ppb
Calcium	44-1	28406.88	29493.70	30403.84	29434.81	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.33	0.29	0.30	9.07	ppb
Cobalt	59-2	0.22	0.22	0.21	0.22	4.23	ppb
Copper	63-2	3.08	3.09	3.02	3.06	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				102		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				116		%
Iron	54-2	391.12	394.49	384.71	390.10	1.27	ppb
Iron	56-2	395.17	388.04	392.00	391.74	0.91	ppb
Iron	57-2	395.75	387.50	382.66	388.64	1.70	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.45	0.38	0.41	7.96	ppb
Lead	207-1	0.34	0.40	0.37	0.37	8.43	ppb
Lead	208-1	0.38	0.43	0.38	0.40	7.36	ppb
Lithium	6-1				92		%
Magnesium	24-2	10565.31	10481.28	10566.53	10537.71	0.46	ppb
Manganese	55-2	108.17	108.39	108.86	108.47	0.33	ppb
Molybdenum	94-1	0.83	0.99	0.92	0.91	9.07	ppb
Molybdenum	95-1	1.18	1.29	1.23	1.23	4.31	ppb
Molybdenum	96-1	1.15	1.15	1.21	1.17	3.18	ppb
Molybdenum	97-1	1.17	1.14	1.36	1.22	9.34	ppb
Molybdenum	98-1	1.13	1.23	1.23	1.20	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.04	1.04	1.06	2.49	ppb
Phosphorus	31-2	693.31	808.50	720.80	740.87	8.12	ppb
Potassium	39-2	3783.44	3699.36	3778.51	3753.77	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				114		%
Scandium	45-1				102		%
Scandium	45-2				118		%
Selenium	82-1	0.34	0.10	0.88	0.44	91.87	ppb
Selenium	77-2	0.82	0.80	0.30	0.64	45.86	ppb
Selenium	78-2	0.87	-0.78	0.71	0.27	342.35	ppb
Silicon	28-1	4038.70	4319.84	4437.37	4265.30	4.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	161.44	ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	37519.44	36740.42	36881.00	37046.96	1.12	ppb
Strontium	86-1	163.31	174.17	177.60	171.69	4.34	ppb
Strontium	88-1	169.38	175.36	175.07	173.27	1.94	ppb
Sulfur	34-1	15121.30	17247.43	17361.76	16576.83	7.61	ppb
Terbium	159-1				99		%
Terbium	159-2				113		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.04		ppb
Tin	118-1	0.21	0.22	0.23	0.22	5.20	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.59	2.74	2.57	2.64	3.48	ppb
Uranium	238-1	0.20	0.21	0.22	0.21	4.88	ppb
Vanadium	51-2	0.82	0.88	0.86	0.85	3.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				119		%
Zinc	66-2	28.62	28.07	28.21	28.30	1.00	ppb
Zirconium	90-1	0.91	0.79	0.74	0.81	10.69	ppb
Zirconium	91-1	0.67	0.91	0.62	0.73	21.22	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.42	82.82	80.48	82.57	2.40	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	15.11	ppb
Arsenic	75-2	0.44	0.44	0.34	0.41	13.89	ppb
Barium	135-1	38.36	37.67	37.90	37.98	0.93	ppb
Barium	137-1	38.48	38.22	38.44	38.38	0.37	ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	33.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	42.40	42.33	43.84	42.85	1.98	ppb
Boron	11-1	46.28	48.60	48.77	47.88	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.05	-0.11	0.01	911.65	ppb
Cadmium	106-1	1.01	0.20	-1.83	-0.21		ppb
Cadmium	108-1	-0.24	-0.41	-0.43	-0.36		ppb
Calcium	43-1	20274.60	20425.56	20102.20	20267.45	0.80	ppb
Calcium	44-1	20827.29	21137.46	21113.29	21026.01	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.19	0.21	0.19	14.02	ppb
Cobalt	59-2	0.10	0.13	0.12	0.12	12.02	ppb
Copper	63-2	1.24	1.23	1.19	1.22	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				116		%
Iron	54-2	175.86	175.01	175.06	175.31	0.27	ppb
Iron	56-2	179.34	173.77	172.41	175.17	2.09	ppb
Iron	57-2	171.84	175.13	175.74	174.24	1.21	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.30	0.30	0.29	5.18	ppb
Lead	207-1	0.30	0.30	0.25	0.28	9.27	ppb
Lead	208-1	0.30	0.30	0.28	0.29	3.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	8898.98	8292.17	8553.16	8581.44	3.55	ppb
Manganese	55-2	25.53	25.53	25.29	25.45	0.56	ppb
Molybdenum	94-1	0.39	0.36	0.38	0.38	4.04	ppb
Molybdenum	95-1	0.44	0.46	0.41	0.44	5.45	ppb
Molybdenum	96-1	0.44	0.46	0.40	0.44	7.02	ppb
Molybdenum	97-1	0.40	0.40	0.47	0.42	8.63	ppb
Molybdenum	98-1	0.47	0.42	0.43	0.44	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.46	0.45	0.47	3.14	ppb
Phosphorus	31-2	45.00	38.16	33.07	38.74	15.45	ppb
Potassium	39-2	1981.22	1980.24	1986.93	1982.79	0.18	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	0.70	0.36	0.03	0.36	93.32	ppb
Selenium	77-2	-0.20	1.35	-0.20	0.32	281.75	ppb
Selenium	78-2	0.16	0.55	-0.05	0.22	137.54	ppb
Silicon	28-1	2915.55	2908.46	2938.09	2920.70	0.53	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Sodium	23-2	23908.78	23443.10	23162.11	23504.66	1.60	ppb
Strontium	86-1	119.13	123.45	118.94	120.50	2.12	ppb
Strontium	88-1	122.41	124.61	122.08	123.03	1.12	ppb
Sulfur	34-1	6213.24	6271.40	5597.64	6027.42	6.19	ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.09	0.09	0.11	0.10	8.26	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.49	2.39	2.22	2.37	5.73	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.00	ppb
Vanadium	51-2	0.70	0.70	0.70	0.70	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				119		%
Zinc	66-2	21.86	22.73	21.89	22.16	2.21	ppb
Zirconium	90-1	0.61	0.65	0.63	0.63	3.55	ppb
Zirconium	91-1	0.33	0.65	0.51	0.49	31.63	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:07:47	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51192.35	51516.18	51025.61	51244.71	0.49	ppb
Antimony	121-1	495.56	488.82	514.25	499.54	2.64	ppb
Arsenic	75-2	487.81	494.23	503.55	495.20	1.60	ppb
Barium	135-1	2538.50	2523.57	2551.03	2537.70	0.54	ppb
Barium	137-1	2536.37	2523.34	2594.88	2551.53	1.49	ppb
Beryllium	9-1	516.45	499.30	504.57	506.78	1.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	520.68	517.38	531.97	523.34	1.46	ppb
Boron	11-1	571.72	566.82	574.27	570.94	0.66	ppb
Bromine	81-1						cps
Cadmium	111-1	517.18	519.78	536.03	524.33	1.95	ppb
Cadmium	106-1	536.46	533.66	535.61	535.24	0.27	ppb
Cadmium	108-1	520.88	522.56	534.18	525.87	1.38	ppb
Calcium	43-1	270132.66	274217.97	266663.15	270337.93	1.40	ppb
Calcium	44-1	269696.80	272241.75	263306.09	268414.88	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.73	477.43	493.11	479.43	2.67	ppb
Cobalt	59-2	483.31	475.99	473.37	477.56	1.08	ppb
Copper	63-2	4759.16	4838.30	4758.40	4785.29	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				110		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				112		%
Iron	54-2	126173.25	126095.50	126857.65	126375.47	0.33	ppb
Iron	56-2	127496.25	128285.98	125799.33	127193.85	1.00	ppb
Iron	57-2	125585.60	124639.20	126575.40	125600.07	0.77	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:07:47	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2437.40	2471.70	2494.13	2467.74	1.16	ppb
Lead	207-1	2477.28	2474.85	2516.02	2489.38	0.93	ppb
Lead	208-1	2503.37	2493.91	2499.35	2498.88	0.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	251773.73	256636.26	253656.99	254022.33	0.97	ppb
Manganese	55-2	5002.10	4984.74	5090.88	5025.91	1.13	ppb
Molybdenum	94-1	2471.23	2506.99	2580.94	2519.72	2.22	ppb
Molybdenum	95-1	2457.29	2460.52	2531.77	2483.19	1.70	ppb
Molybdenum	96-1	2375.40	2400.21	2529.60	2435.07	3.40	ppb
Molybdenum	97-1	2385.79	2446.92	2533.00	2455.24	3.01	ppb
Molybdenum	98-1	2389.28	2471.87	2503.10	2454.75	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.49	482.67	476.60	479.59	0.63	ppb
Phosphorus	31-2	9923.30	9506.25	9613.75	9681.10	2.24	ppb
Potassium	39-2	123376.41	126155.91	127684.55	125738.96	1.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	82-1	491.54	494.34	504.89	496.92	1.42	ppb
Selenium	77-2	463.33	486.06	499.08	482.83	3.75	ppb
Selenium	78-2	488.46	493.75	498.04	493.42	0.97	ppb
Silicon	28-1	487.99	541.04	516.48	515.17	5.15	ppb
Silver	107-1	523.65	519.91	534.02	525.86	1.39	ppb
Silver	109-1	520.61	526.86	544.98	530.82	2.38	ppb
Sodium	23-2	257208.93	257973.70	258509.99	257897.54	0.25	ppb
Strontium	86-1	4961.05	4918.72	4941.54	4940.44	0.43	ppb
Strontium	88-1	4916.95	4998.58	4977.12	4964.22	0.85	ppb
Sulfur	34-1	9971.52	10356.93	9517.42	9948.63	4.22	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	505.33	500.29	516.36	507.33	1.62	ppb
Thallium	205-1	489.25	498.65	501.24	496.38	1.27	ppb
Tin	118-1	511.80	503.53	525.88	513.74	2.20	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:07:47	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2508.31	2522.11	2460.20	2496.87	1.30	ppb
Uranium	238-1	517.84	514.76	506.98	513.20	1.09	ppb
Vanadium	51-2	493.27	493.34	483.61	490.07	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				120		%
Zinc	66-2	4659.96	4818.31	4819.87	4766.05	1.93	ppb
Zirconium	90-1	5144.70	5229.65	5292.39	5222.25	1.42	ppb
Zirconium	91-1	5142.39	5286.06	5295.51	5241.32	1.64	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB56 Instrumnet Name : P8
 Client Sample ID : CCB56 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 17:13:20 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.16	1.70	1.31	2.73	77.72	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	13.44	ppb
Arsenic	75-2	0.27	-0.02	-0.06	0.07	272.12	ppb
Barium	135-1	0.07	0.08	0.10	0.08	19.00	ppb
Barium	137-1	0.13	0.10	0.07	0.10	29.94	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	17.55	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	10-1	31.13	30.02	30.23	30.46	1.93	ppb
Boron	11-1	33.10	33.28	30.53	32.30	4.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.02	-0.02	0.03	302.74	ppb
Cadmium	106-1	0.97	-1.21	-0.76	-0.33		ppb
Cadmium	108-1	-0.20	-0.33	-0.28	-0.27		ppb
Calcium	43-1	7.11	7.33	7.03	7.16	2.15	ppb
Calcium	44-1	19.44	21.08	20.35	20.29	4.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.01	0.00	509.71	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	55.79	ppb
Copper	63-2	0.18	0.12	0.11	0.14	26.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				116		%
Iron	54-2	6.15	4.06	2.20	4.13	47.78	ppb
Iron	56-2	6.64	3.85	3.49	4.66	36.98	ppb
Iron	57-2	5.46	3.83	1.58	3.62	53.74	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:13:20	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.20	0.20	0.21	9.17	ppb
Lead	207-1	0.22	0.22	0.20	0.21	5.84	ppb
Lead	208-1	0.23	0.21	0.21	0.22	4.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	20.57	6.99	6.29	11.28	71.38	ppb
Manganese	55-2	0.27	0.10	0.13	0.16	54.17	ppb
Molybdenum	94-1	0.15	0.17	0.14	0.15	9.02	ppb
Molybdenum	95-1	0.19	0.16	0.12	0.16	21.79	ppb
Molybdenum	96-1	0.18	0.11	0.10	0.13	32.39	ppb
Molybdenum	97-1	0.18	0.14	0.09	0.14	30.94	ppb
Molybdenum	98-1	0.19	0.14	0.10	0.14	32.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	531.78	ppb
Phosphorus	31-2	-3.96	9.79	-10.14	-1.44		ppb
Potassium	39-2	23.14	15.59	11.67	16.80	34.70	ppb
Rhodium	103-1				113		%
Rhodium	103-2				116		%
Scandium	45-1				112		%
Scandium	45-2				117		%
Selenium	82-1	0.09	0.38	0.36	0.28	57.38	ppb
Selenium	77-2	-0.20	0.31	-0.20	-0.03		ppb
Selenium	78-2	0.80	-0.50	-0.06	0.08	846.69	ppb
Silicon	28-1	-9.76	-7.66	-7.57	-8.33		ppb
Silver	107-1	0.06	0.06	0.05	0.06	7.68	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.47	ppb
Sodium	23-2	28.81	20.31	21.10	23.41	20.06	ppb
Strontium	86-1	0.17	0.13	0.22	0.17	25.81	ppb
Strontium	88-1	0.20	0.19	0.18	0.19	6.00	ppb
Sulfur	34-1	-3737.31	-3247.81	-3070.59	-3351.90		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.03	0.01	0.01	104.12	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	37.00	ppb
Tin	118-1	0.17	0.14	0.11	0.14	21.44	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:13:20	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.15	0.01	0.09	75.89	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	19.54	ppb
Vanadium	51-2	0.05	0.01	0.01	0.02	89.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	0.16	0.08	0.00	0.08	96.73	ppb
Zirconium	90-1	0.44	0.36	0.34	0.38	14.11	ppb
Zirconium	91-1	0.40	0.34	0.47	0.40	16.60	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	137.29	128.64	123.96	129.96	5.20	ppb
Antimony	121-1	0.20	0.22	0.25	0.22	11.72	ppb
Arsenic	75-2	4.80	4.37	3.98	4.38	9.32	ppb
Barium	135-1	85.74	106.90	108.29	100.31	12.60	ppb
Barium	137-1	88.63	110.37	108.74	102.58	11.80	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	10-1	84.43	100.20	109.06	97.90	12.74	ppb
Boron	11-1	95.33	109.64	117.81	107.59	10.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.10	0.13	0.12	16.74	ppb
Cadmium	106-1	1.53	0.84	1.40	1.25	29.36	ppb
Cadmium	108-1	-0.39	-0.37	-0.31	-0.36		ppb
Calcium	43-1	19095.38	23074.02	24216.58	22128.66	12.15	ppb
Calcium	44-1	19779.86	23494.85	24928.18	22734.30	11.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.18	0.99	0.98	1.05	10.92	ppb
Cobalt	59-2	3.25	2.98	2.78	3.00	7.84	ppb
Copper	63-2	3.79	3.55	3.26	3.54	7.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				120		%
Indium	115-2				113		%
Iron	54-2	19478.91	17934.27	17189.26	18200.81	6.42	ppb
Iron	56-2	19071.99	17577.12	17228.32	17959.15	5.45	ppb
Iron	57-2	18389.97	17020.32	16307.14	17239.14	6.14	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	1.11	1.10	1.03	12.91	ppb
Lead	207-1	0.80	1.03	1.05	0.96	14.01	ppb
Lead	208-1	0.81	1.06	1.09	0.99	15.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	10250.59	9492.83	9080.85	9608.09	6.18	ppb
Manganese	55-2	2118.16	1998.78	1913.00	2009.98	5.13	ppb
Molybdenum	94-1	0.49	0.60	0.56	0.55	9.48	ppb
Molybdenum	95-1	0.46	0.56	0.61	0.54	14.15	ppb
Molybdenum	96-1	0.54	0.67	0.69	0.63	13.06	ppb
Molybdenum	97-1	0.45	0.54	0.59	0.53	14.05	ppb
Molybdenum	98-1	0.41	0.50	0.57	0.49	15.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.88	5.49	5.15	5.51	6.67	ppb
Phosphorus	31-2	294.78	381.71	326.02	334.17	13.18	ppb
Potassium	39-2	4529.44	4285.67	4019.87	4278.33	5.96	ppb
Rhodium	103-1				119		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	0.42	0.55	0.57	0.51	16.21	ppb
Selenium	77-2	1.48	1.89	0.81	1.39	39.20	ppb
Selenium	78-2	0.48	0.00	-0.12	0.12	268.49	ppb
Silicon	28-1	3928.39	4836.84	5166.30	4643.84	13.81	ppb
Silver	107-1	0.07	0.06	0.06	0.07	2.46	ppb
Silver	109-1	0.05	0.06	0.06	0.05	12.51	ppb
Sodium	23-2	28012.66	26337.71	24474.47	26274.95	6.74	ppb
Strontium	86-1	88.67	109.84	111.60	103.37	12.35	ppb
Strontium	88-1	91.73	113.89	112.65	106.09	11.74	ppb
Sulfur	34-1	37168.69	48618.32	50267.07	45351.36	15.73	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	0.01	-0.01		ppb
Thallium	205-1	-0.02	0.00	0.00	-0.01		ppb
Tin	118-1	0.04	0.05	0.07	0.05	28.69	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.31	3.28	3.21	2.93	18.43	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	8.96	ppb
Vanadium	51-2	1.28	1.22	1.20	1.23	3.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				114		%
Zinc	66-2	25.35	23.46	22.49	23.77	6.11	ppb
Zirconium	90-1	0.96	1.29	1.24	1.16	15.35	ppb
Zirconium	91-1	1.06	1.03	1.46	1.18	20.13	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:19:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.11	70.42	71.21	70.25	1.51	ppb
Antimony	121-1	0.30	0.29	0.31	0.30	3.53	ppb
Arsenic	75-2	0.72	0.62	0.69	0.68	7.52	ppb
Barium	135-1	47.12	45.61	46.75	46.50	1.69	ppb
Barium	137-1	47.79	45.84	48.31	47.31	2.75	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	34.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				112		%
Boron	10-1	87.76	85.38	88.12	87.09	1.71	ppb
Boron	11-1	95.48	91.51	99.05	95.34	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.07	0.11	0.12	46.44	ppb
Cadmium	106-1	2.04	0.44	1.02	1.17	69.74	ppb
Cadmium	108-1	-0.31	-0.36	-0.39	-0.35		ppb
Calcium	43-1	23958.22	23355.98	23093.06	23469.09	1.89	ppb
Calcium	44-1	24382.09	23324.61	23595.49	23767.40	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.41	0.35	0.36	13.39	ppb
Cobalt	59-2	0.20	0.18	0.18	0.19	4.74	ppb
Copper	63-2	2.72	2.93	3.01	2.89	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				121		%
Iron	54-2	338.16	362.94	361.46	354.18	3.92	ppb
Iron	56-2	340.77	361.52	362.61	354.97	3.47	ppb
Iron	57-2	333.91	361.01	362.86	352.59	4.60	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:19:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.47	0.40	0.43	0.43	8.34	ppb
Lead	207-1	0.43	0.45	0.41	0.43	5.00	ppb
Lead	208-1	0.44	0.42	0.44	0.43	2.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	8929.60	9531.55	9517.69	9326.28	3.68	ppb
Manganese	55-2	91.92	100.05	98.01	96.66	4.37	ppb
Molybdenum	94-1	0.79	0.82	0.77	0.80	3.05	ppb
Molybdenum	95-1	1.09	1.12	1.09	1.10	1.44	ppb
Molybdenum	96-1	1.09	0.96	1.08	1.05	7.12	ppb
Molybdenum	97-1	1.10	1.09	1.10	1.09	0.66	ppb
Molybdenum	98-1	1.05	1.10	1.05	1.06	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.96	0.89	0.92	4.23	ppb
Phosphorus	31-2	560.62	655.04	596.85	604.17	7.88	ppb
Potassium	39-2	3157.94	3437.26	3417.45	3337.55	4.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				118		%
Scandium	45-1				113		%
Scandium	45-2				123		%
Selenium	82-1	0.34	0.53	0.76	0.55	38.16	ppb
Selenium	77-2	0.74	0.29	-0.20	0.28	169.67	ppb
Selenium	78-2	-0.21	0.17	0.33	0.10	274.84	ppb
Silicon	28-1	3557.93	3637.09	3451.02	3548.68	2.63	ppb
Silver	107-1	0.01	0.01	0.00	0.01	72.08	ppb
Silver	109-1	0.01	0.02	0.01	0.01	71.10	ppb
Sodium	23-2	31672.57	33176.82	33656.68	32835.35	3.15	ppb
Strontium	86-1	145.40	146.83	143.97	145.40	0.98	ppb
Strontium	88-1	146.64	144.90	144.31	145.28	0.84	ppb
Sulfur	34-1	12695.03	12117.35	11759.07	12190.48	3.87	ppb
Terbium	159-1				110		%
Terbium	159-2				116		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	0.47	0.53	0.50	0.50	6.34	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:19:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.15	2.27	2.22	2.21	2.71	ppb
Uranium	238-1	0.18	0.18	0.17	0.18	5.58	ppb
Vanadium	51-2	0.74	0.81	0.78	0.78	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				124		%
Zinc	66-2	22.60	24.19	23.57	23.45	3.41	ppb
Zirconium	90-1	0.85	0.78	0.78	0.80	4.81	ppb
Zirconium	91-1	0.56	0.36	0.80	0.57	38.99	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.99	79.80	81.33	80.70	1.00	ppb
Antimony	121-1	0.29	0.30	0.32	0.31	5.47	ppb
Arsenic	75-2	0.63	0.70	0.76	0.70	9.43	ppb
Barium	135-1	45.80	45.87	46.69	46.12	1.07	ppb
Barium	137-1	47.34	45.98	48.07	47.13	2.25	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	11.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				110		%
Boron	10-1	84.78	85.34	89.72	86.61	3.13	ppb
Boron	11-1	95.33	94.59	97.61	95.84	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.14	0.01	0.11	78.67	ppb
Cadmium	106-1	1.92	1.42	-0.35	1.00	119.46	ppb
Cadmium	108-1	-0.42	-0.41	-0.48	-0.44		ppb
Calcium	43-1	22733.90	22515.97	22858.15	22702.67	0.76	ppb
Calcium	44-1	23361.00	23125.72	22790.56	23092.43	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.29	0.29	0.29	0.96	ppb
Cobalt	59-2	0.20	0.20	0.21	0.21	3.91	ppb
Copper	63-2	2.89	3.00	2.96	2.95	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				118		%
Iron	54-2	336.99	352.62	350.75	346.79	2.46	ppb
Iron	56-2	344.70	349.11	346.94	346.92	0.64	ppb
Iron	57-2	345.20	347.40	347.94	346.85	0.42	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.39	0.37	0.38	1.81	ppb
Lead	207-1	0.37	0.39	0.36	0.37	3.71	ppb
Lead	208-1	0.37	0.39	0.38	0.38	2.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	9219.86	9280.02	9006.83	9168.90	1.57	ppb
Manganese	55-2	94.90	96.38	97.06	96.11	1.15	ppb
Molybdenum	94-1	0.78	0.85	0.81	0.81	4.37	ppb
Molybdenum	95-1	0.95	0.98	0.94	0.96	1.97	ppb
Molybdenum	96-1	0.98	0.99	0.91	0.96	4.52	ppb
Molybdenum	97-1	0.90	0.94	1.02	0.96	6.32	ppb
Molybdenum	98-1	0.98	1.03	1.03	1.01	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.85	0.89	0.88	2.60	ppb
Phosphorus	31-2	591.00	738.37	626.42	651.93	11.80	ppb
Potassium	39-2	3307.79	3334.55	3341.58	3327.97	0.54	ppb
Rhodium	103-1				113		%
Rhodium	103-2				116		%
Scandium	45-1				116		%
Scandium	45-2				121		%
Selenium	82-1	0.12	0.63	0.26	0.34	77.43	ppb
Selenium	77-2	0.29	-0.20	-0.20	-0.04		ppb
Selenium	78-2	0.18	-0.28	0.61	0.17	259.37	ppb
Silicon	28-1	3349.72	3364.96	3370.95	3361.88	0.33	ppb
Silver	107-1	0.01	0.00	0.00	0.00	198.74	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	32454.29	33563.86	32815.05	32944.40	1.72	ppb
Strontium	86-1	140.62	136.64	140.85	139.37	1.70	ppb
Strontium	88-1	141.48	138.52	141.80	140.60	1.29	ppb
Sulfur	34-1	11283.27	11086.87	10940.48	11103.54	1.55	ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.01	-0.02		ppb
Tin	118-1	0.23	0.23	0.22	0.23	3.55	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.09	1.85	2.12	2.02	7.38	ppb
Uranium	238-1	0.18	0.17	0.19	0.18	5.53	ppb
Vanadium	51-2	0.77	0.83	0.76	0.79	4.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				122		%
Zinc	66-2	24.46	24.13	25.12	24.57	2.05	ppb
Zirconium	90-1	0.80	0.89	0.81	0.83	6.15	ppb
Zirconium	91-1	1.04	0.73	0.63	0.80	26.45	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.61	108.12	104.63	106.12	1.69	ppb
Antimony	121-1	0.09	0.12	0.10	0.10	14.02	ppb
Arsenic	75-2	0.52	0.55	0.53	0.53	3.45	ppb
Barium	135-1	44.15	46.77	44.48	45.13	3.17	ppb
Barium	137-1	44.33	47.76	45.05	45.71	3.96	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	20.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	10-1	60.40	61.80	59.68	60.63	1.77	ppb
Boron	11-1	65.92	68.26	64.93	66.37	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.09	0.15	0.09	68.89	ppb
Cadmium	106-1	0.17	0.97	1.71	0.95	81.21	ppb
Cadmium	108-1	-0.32	-0.46	-0.45	-0.41		ppb
Calcium	43-1	24534.31	26361.37	24624.73	25173.47	4.09	ppb
Calcium	44-1	24592.28	25578.41	24920.74	25030.48	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.25	0.24	0.24	4.08	ppb
Cobalt	59-2	0.13	0.13	0.14	0.13	2.26	ppb
Copper	63-2	1.17	1.27	1.18	1.21	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				119		%
Iron	54-2	210.08	209.72	203.22	207.67	1.86	ppb
Iron	56-2	207.45	208.41	200.66	205.51	2.05	ppb
Iron	57-2	202.62	214.71	203.72	207.02	3.23	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.38	0.38	0.37	4.54	ppb
Lead	207-1	0.32	0.35	0.32	0.33	4.90	ppb
Lead	208-1	0.33	0.35	0.35	0.35	3.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	9686.35	9984.86	9862.02	9844.41	1.52	ppb
Manganese	55-2	29.96	30.44	29.72	30.04	1.23	ppb
Molybdenum	94-1	0.44	0.57	0.44	0.48	15.81	ppb
Molybdenum	95-1	0.52	0.49	0.52	0.51	3.60	ppb
Molybdenum	96-1	0.51	0.53	0.54	0.53	3.23	ppb
Molybdenum	97-1	0.53	0.49	0.55	0.52	6.09	ppb
Molybdenum	98-1	0.55	0.53	0.53	0.54	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.38	0.45	0.45	14.34	ppb
Phosphorus	31-2	44.28	71.55	61.11	58.98	23.33	ppb
Potassium	39-2	2316.74	2382.43	2328.48	2342.55	1.50	ppb
Rhodium	103-1				111		%
Rhodium	103-2				116		%
Scandium	45-1				114		%
Scandium	45-2				122		%
Selenium	82-1	-0.23	0.20	0.14	0.04	616.49	ppb
Selenium	77-2	0.28	0.30	-0.20	0.13	220.78	ppb
Selenium	78-2	0.49	-0.02	-0.27	0.07	599.70	ppb
Silicon	28-1	3541.99	3753.26	3548.68	3614.65	3.32	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27098.85	28216.95	27439.99	27585.26	2.08	ppb
Strontium	86-1	141.40	144.38	147.95	144.58	2.27	ppb
Strontium	88-1	147.01	146.03	150.12	147.72	1.45	ppb
Sulfur	34-1	7584.80	8819.70	7766.43	8056.98	8.28	ppb
Terbium	159-1				112		%
Terbium	159-2				115		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.07	0.11	0.07	0.08	25.07	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.02	3.24	2.83	3.03	6.73	ppb
Uranium	238-1	0.25	0.26	0.25	0.25	3.33	ppb
Vanadium	51-2	0.79	0.84	0.89	0.84	5.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				122		%
Zinc	66-2	25.06	25.27	24.60	24.97	1.37	ppb
Zirconium	90-1	0.49	0.57	0.65	0.57	14.38	ppb
Zirconium	91-1	0.30	0.49	0.53	0.44	28.39	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.49	21.90	19.28	20.55	6.37	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.30	ppb
Arsenic	75-2	0.01	0.07	0.04	0.04	70.66	ppb
Barium	135-1	8.01	8.83	8.33	8.39	4.94	ppb
Barium	137-1	8.70	8.35	8.37	8.47	2.35	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	30.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	24.21	23.78	23.94	23.98	0.92	ppb
Boron	11-1	26.31	26.18	26.34	26.28	0.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.09	0.08	0.03	370.54	ppb
Cadmium	106-1	0.99	-1.30	0.75	0.15	865.86	ppb
Cadmium	108-1	-0.52	-0.48	-0.44	-0.48		ppb
Calcium	43-1	4643.74	4588.96	4389.98	4540.89	2.94	ppb
Calcium	44-1	4647.51	4794.32	4608.96	4683.59	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.05	-0.02	0.02	169.07	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	6.83	ppb
Copper	63-2	0.22	0.29	0.21	0.24	18.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				116		%
Iron	54-2	39.88	41.71	39.17	40.25	3.25	ppb
Iron	56-2	38.84	42.35	38.78	39.99	5.11	ppb
Iron	57-2	39.62	46.20	39.21	41.68	9.42	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.10	0.10	5.55	ppb
Lead	207-1	0.10	0.10	0.08	0.10	9.58	ppb
Lead	208-1	0.10	0.11	0.09	0.10	12.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	1784.33	1886.96	1784.21	1818.50	3.26	ppb
Manganese	55-2	5.83	6.13	5.88	5.95	2.72	ppb
Molybdenum	94-1	0.10	0.08	0.10	0.09	9.21	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.10	4.79	ppb
Molybdenum	96-1	0.10	0.09	0.09	0.10	3.94	ppb
Molybdenum	97-1	0.09	0.12	0.09	0.10	19.74	ppb
Molybdenum	98-1	0.09	0.11	0.09	0.10	15.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.08	0.05	63.36	ppb
Phosphorus	31-2	26.52	2.13	6.37	11.68	111.62	ppb
Potassium	39-2	445.00	474.33	424.49	447.94	5.59	ppb
Rhodium	103-1				113		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				118		%
Selenium	82-1	0.15	0.20	-0.26	0.03	814.19	ppb
Selenium	77-2	-0.20	0.31	-0.20	-0.03		ppb
Selenium	78-2	0.07	0.45	0.00	0.17	141.31	ppb
Silicon	28-1	654.79	639.48	650.66	648.31	1.22	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	5133.66	5470.02	5203.00	5268.89	3.37	ppb
Strontium	86-1	26.69	26.88	26.77	26.78	0.36	ppb
Strontium	88-1	26.95	27.21	27.03	27.06	0.50	ppb
Sulfur	34-1	-910.01	-1325.25	-1448.37	-1227.87		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.04	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.03	0.02	0.04	0.03	39.46	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.52	0.51	0.58	0.54	6.69	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	11.28	ppb
Vanadium	51-2	0.14	0.17	0.17	0.16	11.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				119		%
Zinc	66-2	4.32	4.39	4.03	4.25	4.52	ppb
Zirconium	90-1	0.21	0.13	0.27	0.20	33.63	ppb
Zirconium	91-1	0.02	0.23	0.15	0.13	80.91	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10858.54	10965.37	10866.32	10896.74	0.55	ppb
Antimony	121-1	538.37	504.78	490.29	511.15	4.83	ppb
Arsenic	75-2	481.33	479.67	494.36	485.12	1.66	ppb
Barium	135-1	3022.26	2766.80	2736.36	2841.81	5.53	ppb
Barium	137-1	3003.77	2770.73	2710.04	2828.18	5.48	ppb
Beryllium	9-1	511.77	476.11	490.10	492.66	3.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	522.37	503.61	556.25	527.41	5.06	ppb
Boron	11-1	566.96	534.06	599.69	566.90	5.79	ppb
Bromine	81-1						cps
Cadmium	111-1	558.05	528.70	478.55	521.77	7.70	ppb
Cadmium	106-1	548.37	519.04	488.77	518.73	5.75	ppb
Cadmium	108-1	568.41	525.28	509.94	534.55	5.67	ppb
Calcium	43-1	88080.96	75504.15	79137.70	80907.61	8.00	ppb
Calcium	44-1	80430.71	73459.51	75480.57	76456.93	4.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.96	460.27	463.05	466.76	1.92	ppb
Cobalt	59-2	483.35	483.58	479.49	482.14	0.48	ppb
Copper	63-2	4933.63	5122.90	5027.64	5028.06	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	54-2	27831.72	28101.26	28144.48	28025.82	0.60	ppb
Iron	56-2	27069.53	27252.40	27290.59	27204.17	0.43	ppb
Iron	57-2	28103.38	28379.85	27757.04	28080.09	1.11	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2658.34	2456.49	2377.81	2497.55	5.79	ppb
Lead	207-1	2706.29	2557.83	2387.79	2550.64	6.25	ppb
Lead	208-1	2665.46	2482.38	2373.35	2507.06	5.89	ppb
Lithium	6-1				107		%
Magnesium	24-2	59040.61	60057.51	59283.12	59460.41	0.89	ppb
Manganese	55-2	5228.92	5140.20	5189.48	5186.20	0.86	ppb
Molybdenum	94-1	4250.91	3850.87	3915.11	4005.63	5.36	ppb
Molybdenum	95-1	5016.85	4574.61	4714.74	4768.73	4.74	ppb
Molybdenum	96-1	4965.16	4507.41	4528.36	4666.98	5.54	ppb
Molybdenum	97-1	5114.41	4527.67	4538.13	4726.74	7.10	ppb
Molybdenum	98-1	5090.37	4422.60	4659.46	4724.15	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	442.55	448.96	442.79	444.77	0.82	ppb
Phosphorus	31-2	75.49	21.85	44.82	47.39	56.80	ppb
Potassium	39-2	28226.79	28237.27	28576.57	28346.88	0.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				118		%
Selenium	82-1	531.63	489.04	494.85	505.18	4.57	ppb
Selenium	77-2	484.75	501.14	516.17	500.68	3.14	ppb
Selenium	78-2	471.84	470.25	490.19	477.43	2.32	ppb
Silicon	28-1	4213.76	3886.29	3901.07	4000.37	4.62	ppb
Silver	107-1	427.63	588.70	516.51	510.95	15.79	ppb
Silver	109-1	317.37	358.86	406.91	361.05	12.41	ppb
Sodium	23-2	75932.33	75846.91	75830.47	75869.90	0.07	ppb
Strontium	86-1	4678.69	4265.76	4398.97	4447.81	4.74	ppb
Strontium	88-1	4674.76	4146.85	4434.96	4418.86	5.98	ppb
Sulfur	34-1	9662.49	6999.86	7142.41	7934.92	18.88	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	526.47	502.08	480.37	502.97	4.59	ppb
Thallium	205-1	523.00	491.32	469.44	494.59	5.44	ppb
Tin	118-1	583.42	569.58	532.76	561.92	4.66	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4825.65	4511.55	4499.92	4612.37	4.01	ppb
Uranium	238-1	516.31	479.84	464.61	486.92	5.46	ppb
Vanadium	51-2	472.53	479.51	473.11	475.05	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				119		%
Zinc	66-2	5105.36	5307.88	5175.84	5196.36	1.98	ppb
Zirconium	90-1	5083.95	4620.84	4592.56	4765.78	5.79	ppb
Zirconium	91-1	5072.63	4595.88	4832.64	4833.72	4.93	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10838.72	10702.39	10865.88	10802.33	0.81	ppb
Antimony	121-1	490.44	499.24	491.34	493.67	0.98	ppb
Arsenic	75-2	492.75	475.81	476.89	481.82	1.97	ppb
Barium	135-1	2772.26	2808.15	2740.56	2773.66	1.22	ppb
Barium	137-1	2752.41	2815.38	2698.24	2755.34	2.13	ppb
Beryllium	9-1	496.01	497.61	492.19	495.27	0.56	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	580.80	582.22	579.58	580.87	0.23	ppb
Boron	11-1	574.61	603.30	596.57	591.49	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	508.96	488.26	499.11	498.78	2.08	ppb
Cadmium	106-1	496.15	499.61	499.30	498.36	0.38	ppb
Cadmium	108-1	515.52	514.84	505.64	512.00	1.08	ppb
Calcium	43-1	78826.98	79119.54	76890.11	78278.87	1.55	ppb
Calcium	44-1	73617.17	73200.06	72720.43	73179.22	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.04	460.00	467.01	468.68	2.05	ppb
Cobalt	59-2	478.00	479.27	471.99	476.42	0.82	ppb
Copper	63-2	5145.05	5022.28	4939.70	5035.68	2.05	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				114		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	54-2	28318.87	27627.59	28315.51	28087.32	1.42	ppb
Iron	56-2	27487.98	27128.46	27830.58	27482.34	1.28	ppb
Iron	57-2	28580.95	27307.45	27546.68	27811.69	2.43	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2391.66	2475.39	2372.84	2413.30	2.26	ppb
Lead	207-1	2436.25	2425.41	2468.53	2443.39	0.92	ppb
Lead	208-1	2431.62	2443.18	2413.16	2429.32	0.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	59610.86	59172.92	58539.08	59107.62	0.91	ppb
Manganese	55-2	5220.02	5116.82	5372.62	5236.49	2.46	ppb
Molybdenum	94-1	3907.41	4009.51	3756.26	3891.06	3.27	ppb
Molybdenum	95-1	4535.00	4760.22	4427.77	4574.33	3.71	ppb
Molybdenum	96-1	4465.29	4580.05	4499.22	4514.85	1.31	ppb
Molybdenum	97-1	4507.74	4728.44	4578.62	4604.93	2.45	ppb
Molybdenum	98-1	4514.41	4709.70	4508.63	4577.58	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	441.81	436.78	445.04	441.21	0.94	ppb
Phosphorus	31-2	35.97	70.11	48.85	51.64	33.38	ppb
Potassium	39-2	28074.66	27896.94	29111.76	28361.12	2.31	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	486.80	506.68	492.11	495.20	2.08	ppb
Selenium	77-2	503.51	441.25	468.02	470.92	6.63	ppb
Selenium	78-2	482.49	478.31	474.50	478.43	0.84	ppb
Silicon	28-1	3701.45	3772.95	3868.34	3780.91	2.21	ppb
Silver	107-1	442.38	362.16	283.48	362.67	21.91	ppb
Silver	109-1	477.47	717.69	420.10	538.42	29.32	ppb
Sodium	23-2	75722.71	75303.78	76226.82	75751.10	0.61	ppb
Strontium	86-1	4873.38	5082.82	4850.40	4935.53	2.59	ppb
Strontium	88-1	4866.99	5153.55	4703.99	4908.18	4.64	ppb
Sulfur	34-1	6780.09	6421.86	6228.99	6476.98	4.32	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	486.65	501.01	481.20	489.62	2.09	ppb
Thallium	205-1	476.67	482.60	456.58	471.95	2.89	ppb
Tin	118-1	532.22	540.42	536.41	536.35	0.76	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4497.35	4416.92	4431.64	4448.63	0.96	ppb
Uranium	238-1	468.15	465.08	474.03	469.09	0.97	ppb
Vanadium	51-2	478.11	472.44	484.32	478.29	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				119		%
Zinc	66-2	5429.84	5221.18	5136.23	5262.42	2.87	ppb
Zirconium	90-1	4627.13	4698.72	4674.27	4666.71	0.78	ppb
Zirconium	91-1	4718.69	4718.79	4629.48	4688.99	1.10	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10846.07	10953.47	10777.99	10859.18	0.81	ppb
Antimony	121-1	493.92	464.64	490.80	483.12	3.33	ppb
Arsenic	75-2	490.57	492.30	485.39	489.42	0.74	ppb
Barium	135-1	2707.02	2550.37	2749.48	2668.96	3.93	ppb
Barium	137-1	2705.24	2509.18	2728.93	2647.78	4.56	ppb
Beryllium	9-1	490.14	486.99	478.21	485.12	1.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	586.42	582.16	599.24	589.27	1.51	ppb
Boron	11-1	632.32	572.47	622.66	609.15	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	512.03	468.32	502.95	494.43	4.67	ppb
Cadmium	106-1	505.40	469.20	484.77	486.45	3.73	ppb
Cadmium	108-1	526.05	477.82	508.37	504.08	4.84	ppb
Calcium	43-1	77058.53	80277.95	80640.65	79325.71	2.49	ppb
Calcium	44-1	72946.27	73519.23	74701.22	73722.24	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.72	483.94	461.08	469.92	2.61	ppb
Cobalt	59-2	476.21	485.33	473.14	478.23	1.33	ppb
Copper	63-2	5157.63	5100.52	5049.58	5102.58	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	54-2	27949.54	28574.54	27540.53	28021.53	1.86	ppb
Iron	56-2	27362.88	27811.03	26930.01	27367.97	1.61	ppb
Iron	57-2	27864.00	27978.30	27144.72	27662.34	1.63	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2408.47	2401.42	2412.72	2407.54	0.24	ppb
Lead	207-1	2421.74	2353.08	2428.58	2401.13	1.74	ppb
Lead	208-1	2404.57	2389.96	2428.76	2407.76	0.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	58982.70	57926.39	58688.72	58532.60	0.93	ppb
Manganese	55-2	5166.98	5307.52	5168.58	5214.36	1.55	ppb
Molybdenum	94-1	3788.04	3943.47	4003.85	3911.78	2.85	ppb
Molybdenum	95-1	4523.63	4604.68	4651.25	4593.19	1.41	ppb
Molybdenum	96-1	4398.37	4386.07	4551.09	4445.18	2.07	ppb
Molybdenum	97-1	4454.05	4625.80	4709.03	4596.29	2.83	ppb
Molybdenum	98-1	4427.07	4584.39	4627.81	4546.42	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	446.41	449.92	445.95	447.42	0.49	ppb
Phosphorus	31-2	35.62	36.44	38.62	36.89	4.20	ppb
Potassium	39-2	28947.87	29170.17	28869.84	28995.96	0.54	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	484.77	496.22	491.50	490.83	1.17	ppb
Selenium	77-2	502.21	501.99	475.47	493.22	3.12	ppb
Selenium	78-2	479.59	480.94	476.46	479.00	0.48	ppb
Silicon	28-1	3698.10	3699.39	3753.70	3717.06	0.85	ppb
Silver	107-1	534.84	443.86	530.17	502.96	10.19	ppb
Silver	109-1	397.90	617.60	572.46	529.32	21.92	ppb
Sodium	23-2	75696.89	74889.24	74389.65	74991.93	0.88	ppb
Strontium	86-1	4495.83	4595.36	4684.58	4591.92	2.06	ppb
Strontium	88-1	4465.12	4564.90	4617.97	4549.33	1.71	ppb
Sulfur	34-1	5977.87	6502.92	6842.37	6441.05	6.76	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	472.74	512.92	480.49	488.72	4.36	ppb
Thallium	205-1	478.47	482.74	487.99	483.06	0.99	ppb
Tin	118-1	531.78	511.96	524.83	522.86	1.92	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4455.54	4313.91	4532.87	4434.11	2.50	ppb
Uranium	238-1	459.13	470.63	482.30	470.69	2.46	ppb
Vanadium	51-2	483.01	486.65	484.60	484.76	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				118		%
Zinc	66-2	5256.92	5254.83	5277.62	5263.12	0.24	ppb
Zirconium	90-1	4618.42	4655.44	4770.11	4681.32	1.69	ppb
Zirconium	91-1	4599.55	4725.93	4847.63	4724.37	2.63	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51046.19	52320.40	51889.30	51751.96	1.25	ppb
Antimony	121-1	486.03	514.29	493.54	497.95	2.94	ppb
Arsenic	75-2	493.66	488.16	495.02	492.28	0.74	ppb
Barium	135-1	2462.28	2568.78	2531.34	2520.80	2.14	ppb
Barium	137-1	2468.09	2616.64	2524.78	2536.51	2.96	ppb
Beryllium	9-1	492.74	505.40	509.48	502.54	1.74	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	547.84	546.95	572.67	555.82	2.63	ppb
Boron	11-1	591.60	591.46	621.95	601.67	2.92	ppb
Bromine	81-1						cps
Cadmium	111-1	530.54	552.23	546.96	543.24	2.08	ppb
Cadmium	106-1	520.88	538.60	540.60	533.36	2.03	ppb
Cadmium	108-1	534.17	559.01	532.23	541.80	2.76	ppb
Calcium	43-1	280586.27	275340.93	272551.61	276159.60	1.48	ppb
Calcium	44-1	275513.85	275175.66	271400.27	274029.93	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.70	482.22	469.79	480.90	2.19	ppb
Cobalt	59-2	466.13	476.55	462.48	468.39	1.56	ppb
Copper	63-2	4802.74	4736.44	4635.62	4724.93	1.78	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				111		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	129386.85	126511.06	123304.16	126400.69	2.41	ppb
Iron	56-2	127790.26	126688.31	125129.21	126535.93	1.06	ppb
Iron	57-2	123868.21	125999.27	121067.01	123644.83	2.00	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2502.45	2471.00	2621.66	2531.70	3.14	ppb
Lead	207-1	2539.49	2469.18	2545.71	2518.12	1.69	ppb
Lead	208-1	2530.17	2475.19	2574.28	2526.55	1.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	258502.91	257551.05	254735.34	256929.76	0.76	ppb
Manganese	55-2	5096.92	5053.86	4928.49	5026.42	1.74	ppb
Molybdenum	94-1	2490.70	2531.72	2495.43	2505.95	0.90	ppb
Molybdenum	95-1	2436.51	2476.91	2454.20	2455.87	0.82	ppb
Molybdenum	96-1	2390.32	2445.23	2464.90	2433.48	1.59	ppb
Molybdenum	97-1	2408.01	2419.91	2499.50	2442.47	2.04	ppb
Molybdenum	98-1	2404.89	2404.79	2481.98	2430.56	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.52	469.46	467.72	473.24	1.71	ppb
Phosphorus	31-2	9941.59	9517.24	9574.72	9677.85	2.38	ppb
Potassium	39-2	124843.85	122388.78	122878.27	123370.30	1.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	82-1	494.03	497.28	502.79	498.03	0.89	ppb
Selenium	77-2	485.76	494.79	485.50	488.68	1.08	ppb
Selenium	78-2	476.83	494.70	490.45	487.33	1.92	ppb
Silicon	28-1	583.13	558.44	536.40	559.33	4.18	ppb
Silver	107-1	527.91	543.44	525.85	532.40	1.81	ppb
Silver	109-1	534.28	553.71	536.51	541.50	1.96	ppb
Sodium	23-2	258223.24	260487.52	254173.86	257628.20	1.24	ppb
Strontium	86-1	4875.44	4944.92	4810.86	4877.07	1.37	ppb
Strontium	88-1	4832.89	4992.68	4986.06	4937.21	1.83	ppb
Sulfur	34-1	10255.24	10670.95	10401.06	10442.42	2.02	ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	518.69	496.63	539.17	518.16	4.11	ppb
Thallium	205-1	507.00	484.34	523.09	504.81	3.86	ppb
Tin	118-1	503.94	525.82	508.80	512.85	2.24	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2507.46	2470.91	2467.02	2481.80	0.90	ppb
Uranium	238-1	513.99	489.32	528.07	510.46	3.84	ppb
Vanadium	51-2	493.25	495.67	481.15	490.02	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				119		%
Zinc	66-2	4740.10	4797.24	4605.61	4714.32	2.09	ppb
Zirconium	90-1	5175.89	5163.72	5294.13	5211.25	1.38	ppb
Zirconium	91-1	5258.34	5179.26	5297.66	5245.09	1.15	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P8
 Client Sample ID : CCB57 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:02:02 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	2.27	2.27	1.83	41.11	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	19.08	ppb
Arsenic	75-2	-0.05	-0.01	-0.03	-0.03		ppb
Barium	135-1	0.06	0.08	0.06	0.07	20.60	ppb
Barium	137-1	0.08	0.07	0.06	0.07	16.31	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	30.61	29.53	30.50	30.21	1.96	ppb
Boron	11-1	33.63	31.88	31.85	32.45	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.02	0.00	0.02	270.29	ppb
Cadmium	106-1	0.17	-0.90	-0.58	-0.44		ppb
Cadmium	108-1	-0.36	-0.35	-0.39	-0.36		ppb
Calcium	43-1	3.93	3.39	3.72	3.68	7.40	ppb
Calcium	44-1	16.83	14.82	16.53	16.06	6.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.04	0.01	0.01	328.95	ppb
Cobalt	59-2	0.00	0.02	0.02	0.02	70.77	ppb
Copper	63-2	0.11	0.25	0.22	0.20	36.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				116		%
Indium	115-2				107		%
Iron	54-2	2.64	5.74	5.97	4.78	38.92	ppb
Iron	56-2	3.08	5.44	5.85	4.79	31.27	ppb
Iron	57-2	2.51	4.26	7.29	4.68	51.58	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P8
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:02:02	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.21	0.23	8.67	ppb
Lead	207-1	0.26	0.21	0.22	0.23	10.46	ppb
Lead	208-1	0.24	0.22	0.21	0.23	4.93	ppb
Lithium	6-1				107		%
Magnesium	24-2	6.08	12.52	10.59	9.73	33.96	ppb
Manganese	55-2	0.12	0.20	0.22	0.18	30.40	ppb
Molybdenum	94-1	0.26	0.23	0.28	0.26	10.49	ppb
Molybdenum	95-1	0.16	0.11	0.10	0.12	26.11	ppb
Molybdenum	96-1	0.13	0.12	0.14	0.13	7.76	ppb
Molybdenum	97-1	0.11	0.12	0.14	0.12	12.31	ppb
Molybdenum	98-1	0.13	0.13	0.13	0.13	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.01	103.05	ppb
Phosphorus	31-2	-2.52	-10.24	4.80	-2.65		ppb
Potassium	39-2	20.52	49.21	39.06	36.26	40.12	ppb
Rhodium	103-1				115		%
Rhodium	103-2				106		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	-0.09	-0.22	0.37	0.02	1565.14	ppb
Selenium	77-2	-0.20	1.01	-0.20	0.20	341.02	ppb
Selenium	78-2	-0.17	1.47	1.39	0.90	103.32	ppb
Silicon	28-1	-7.82	-9.06	-7.18	-8.02		ppb
Silver	107-1	0.40	0.33	0.27	0.33	19.54	ppb
Silver	109-1	0.43	0.32	0.29	0.35	21.95	ppb
Sodium	23-2	24.18	46.52	42.12	37.61	31.47	ppb
Strontium	86-1	0.17	0.13	0.14	0.14	14.16	ppb
Strontium	88-1	0.15	0.15	0.15	0.15	1.15	ppb
Sulfur	34-1	-3203.79	-3631.86	-3180.16	-3338.60		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.04	0.04	0.05	27.23	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	6.21	ppb
Tin	118-1	0.15	0.14	0.13	0.14	6.99	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P8
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:02:02	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.02	0.06	0.04	51.37	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	42.39	ppb
Vanadium	51-2	0.01	0.03	0.03	0.02	38.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	0.04	0.37	0.13	0.18	93.71	ppb
Zirconium	90-1	1.14	1.05	1.00	1.06	6.94	ppb
Zirconium	91-1	0.84	1.15	0.90	0.96	17.21	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139562BL Instrumnet Name : P8
 Client Sample ID : PB139562BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:05:43 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.52	0.24	0.37	37.34	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	14.26	ppb
Arsenic	75-2	-0.04	-0.04	-0.04	-0.04		ppb
Barium	135-1	0.07	0.03	0.04	0.05	40.21	ppb
Barium	137-1	0.06	0.04	0.04	0.05	34.16	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	39.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	23.43	23.26	21.31	22.67	5.20	ppb
Boron	11-1	25.74	24.46	23.56	24.59	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.17	0.03	0.10	69.75	ppb
Cadmium	106-1	0.64	1.99	0.20	0.94	99.05	ppb
Cadmium	108-1	-0.53	-0.16	-0.27	-0.32		ppb
Calcium	43-1	0.71	0.60	0.31	0.54	38.27	ppb
Calcium	44-1	13.17	13.00	14.84	13.67	7.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	103.27	ppb
Copper	63-2	0.04	0.04	0.01	0.03	54.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				117		%
Iron	54-2	0.81	0.82	1.56	1.07	40.40	ppb
Iron	56-2	1.38	1.37	1.22	1.33	6.77	ppb
Iron	57-2	1.40	1.80	0.60	1.27	48.36	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:05:43	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.15	0.16	3.34	ppb
Lead	207-1	0.14	0.15	0.15	0.15	2.37	ppb
Lead	208-1	0.16	0.16	0.17	0.16	1.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.50	2.79	2.95	2.75	8.30	ppb
Manganese	55-2	0.05	0.07	0.04	0.05	23.22	ppb
Molybdenum	94-1	0.14	0.11	0.13	0.12	11.05	ppb
Molybdenum	95-1	0.07	0.03	0.04	0.05	35.75	ppb
Molybdenum	96-1	0.07	0.07	0.06	0.07	8.81	ppb
Molybdenum	97-1	0.06	0.03	0.05	0.05	28.82	ppb
Molybdenum	98-1	0.05	0.05	0.07	0.06	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-7.82	-4.44	0.48	-3.93		ppb
Potassium	39-2	18.38	22.34	13.98	18.23	22.91	ppb
Rhodium	103-1				115		%
Rhodium	103-2				117		%
Scandium	45-1				113		%
Scandium	45-2				119		%
Selenium	82-1	-0.16	-0.13	-0.25	-0.18		ppb
Selenium	77-2	-0.20	-0.20	0.80	0.14	427.38	ppb
Selenium	78-2	-1.06	-0.23	-0.27	-0.52		ppb
Silicon	28-1	-8.76	-8.46	-6.71	-7.98		ppb
Silver	107-1	0.09	0.09	0.10	0.10	4.54	ppb
Silver	109-1	0.13	0.07	0.09	0.10	27.57	ppb
Sodium	23-2	17.19	20.99	16.05	18.08	14.33	ppb
Strontium	86-1	0.09	0.05	0.04	0.06	39.93	ppb
Strontium	88-1	0.09	0.07	0.08	0.08	13.20	ppb
Sulfur	34-1	-3041.45	-2756.59	-2597.21	-2798.42		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.01	0.03	0.03	64.70	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	49.15	ppb
Tin	118-1	0.11	0.11	0.08	0.10	16.74	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:05:43	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	0.00	0.02	96.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.27	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	36.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				120		%
Zinc	66-2	-0.26	0.00	-0.07	-0.11		ppb
Zirconium	90-1	0.35	0.46	0.46	0.42	14.65	ppb
Zirconium	91-1	0.41	0.35	0.56	0.44	24.81	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:08:43	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10166.27	10003.61	9928.00	10032.63	1.21	ppb
Antimony	121-1	506.04	518.96	519.52	514.84	1.48	ppb
Arsenic	75-2	501.71	473.30	487.04	487.35	2.91	ppb
Barium	135-1	2546.38	2556.34	2541.89	2548.20	0.29	ppb
Barium	137-1	2524.97	2519.65	2561.65	2535.42	0.90	ppb
Beryllium	9-1	497.82	524.56	479.38	500.59	4.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	446.58	481.69	455.10	461.12	3.97	ppb
Boron	11-1	492.27	530.03	514.67	512.32	3.71	ppb
Bromine	81-1						cps
Cadmium	111-1	528.51	523.59	545.78	532.62	2.19	ppb
Cadmium	106-1	519.10	528.85	535.62	527.86	1.57	ppb
Cadmium	108-1	517.78	525.73	528.66	524.06	1.07	ppb
Calcium	43-1	55660.36	54645.54	53951.60	54752.50	1.57	ppb
Calcium	44-1	49443.04	48076.85	48040.78	48520.22	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.45	474.24	474.60	484.76	3.70	ppb
Cobalt	59-2	491.70	484.41	477.40	484.51	1.48	ppb
Copper	63-2	4862.51	4764.25	4769.82	4798.86	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	54-2	26834.15	25761.35	26621.22	26405.57	2.15	ppb
Iron	56-2	25858.05	25717.40	25288.52	25621.32	1.16	ppb
Iron	57-2	25879.72	26109.43	25403.96	25797.70	1.39	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:08:43	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.10	2417.84	2406.38	2414.11	0.28	ppb
Lead	207-1	2443.02	2433.89	2480.49	2452.47	1.01	ppb
Lead	208-1	2450.08	2432.29	2455.00	2445.79	0.49	ppb
Lithium	6-1				107		%
Magnesium	24-2	53299.17	51486.66	51081.79	51955.87	2.27	ppb
Manganese	55-2	4829.36	4710.49	4766.70	4768.85	1.25	ppb
Molybdenum	94-1	2418.47	2400.87	2479.19	2432.85	1.69	ppb
Molybdenum	95-1	2453.28	2408.52	2455.26	2439.02	1.08	ppb
Molybdenum	96-1	2451.27	2418.34	2446.37	2438.66	0.73	ppb
Molybdenum	97-1	2420.59	2471.95	2447.59	2446.71	1.05	ppb
Molybdenum	98-1	2409.04	2459.06	2441.87	2436.66	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.63	448.55	454.05	454.74	1.44	ppb
Phosphorus	31-2	9990.35	9537.49	9652.28	9726.71	2.42	ppb
Potassium	39-2	25951.53	25619.64	25518.39	25696.52	0.88	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				122		%
Selenium	82-1	498.88	499.05	504.71	500.88	0.66	ppb
Selenium	77-2	513.42	441.59	524.58	493.20	9.13	ppb
Selenium	78-2	515.89	481.05	504.19	500.38	3.54	ppb
Silicon	28-1	503.88	519.68	519.78	514.45	1.78	ppb
Silver	107-1	504.60	526.32	532.07	521.00	2.78	ppb
Silver	109-1	518.10	527.67	544.76	530.18	2.55	ppb
Sodium	23-2	53719.58	51118.79	49938.79	51592.39	3.75	ppb
Strontium	86-1	4780.84	4845.15	4908.46	4844.82	1.32	ppb
Strontium	88-1	4883.65	4907.50	4948.95	4913.37	0.67	ppb
Sulfur	34-1	8209.86	8311.35	9476.45	8665.89	8.12	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	500.34	509.18	487.76	499.09	2.16	ppb
Thallium	205-1	488.54	486.06	471.98	482.19	1.85	ppb
Tin	118-1	515.00	522.88	528.06	521.98	1.26	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:08:43	DataFile Name :	052LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2458.30	2398.23	2443.33	2433.29	1.28	ppb
Uranium	238-1	476.95	482.40	467.04	475.46	1.64	ppb
Vanadium	51-2	491.86	476.67	496.95	488.49	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				120		%
Zinc	66-2	4937.91	4938.12	4887.51	4921.18	0.59	ppb
Zirconium	90-1	4870.00	4879.11	4927.85	4892.32	0.64	ppb
Zirconium	91-1	4923.27	4847.54	4944.26	4905.02	1.04	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139266BL Instrumnet Name : P8
 Client Sample ID : PB139266BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:30:06 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.93	0.60	0.59	57.83	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	24.35	ppb
Arsenic	75-2	-0.06	-0.05	-0.04	-0.05		ppb
Barium	135-1	0.03	0.04	0.05	0.04	19.76	ppb
Barium	137-1	0.04	0.05	0.07	0.05	28.90	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	20.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	10-1	10.14	10.61	10.73	10.49	2.93	ppb
Boron	11-1	10.62	11.56	11.83	11.34	5.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.15	-0.13	-0.09		ppb
Cadmium	106-1	-0.09	-2.41	-2.01	-1.50		ppb
Cadmium	108-1	-0.53	-0.50	-0.55	-0.53		ppb
Calcium	43-1	0.20	-0.27	1.59	0.51	189.25	ppb
Calcium	44-1	12.65	12.65	13.35	12.88	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	33.55	ppb
Copper	63-2	0.07	0.09	0.07	0.08	17.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				119		%
Iron	54-2	1.77	1.29	1.46	1.51	16.28	ppb
Iron	56-2	2.10	2.17	1.97	2.08	4.77	ppb
Iron	57-2	1.72	1.38	1.92	1.68	16.32	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BL	Instrumnet Name :	P8
Client Sample ID :	PB139266BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:30:06	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.13	0.11	15.49	ppb
Lead	207-1	0.08	0.10	0.14	0.11	29.51	ppb
Lead	208-1	0.11	0.11	0.13	0.11	10.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.62	3.92	3.88	4.14	10.18	ppb
Manganese	55-2	0.07	0.12	0.15	0.11	38.45	ppb
Molybdenum	94-1	0.14	0.09	0.13	0.12	22.65	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	9.16	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	12.29	ppb
Molybdenum	97-1	0.05	0.03	0.05	0.04	25.64	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	6.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.01	0.00		ppb
Phosphorus	31-2	1.71	0.55	-2.31	-0.02		ppb
Potassium	39-2	3.43	8.71	7.66	6.60	42.34	ppb
Rhodium	103-1				110		%
Rhodium	103-2				117		%
Scandium	45-1				111		%
Scandium	45-2				122		%
Selenium	82-1	0.09	0.21	-0.11	0.06	251.41	ppb
Selenium	77-2	0.29	-0.20	-0.20	-0.04		ppb
Selenium	78-2	-0.05	0.23	0.43	0.20	120.65	ppb
Silicon	28-1	-6.42	-6.75	-7.01	-6.73		ppb
Silver	107-1	0.04	0.05	0.04	0.04	5.79	ppb
Silver	109-1	0.04	0.03	0.03	0.03	20.53	ppb
Sodium	23-2	8.70	11.56	11.37	10.54	15.18	ppb
Strontium	86-1	0.02	0.09	0.10	0.07	67.42	ppb
Strontium	88-1	0.08	0.08	0.11	0.09	20.40	ppb
Sulfur	34-1	-2716.09	-2528.61	-2559.74	-2601.48		ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	-0.01	-0.03	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	0.01	-0.01		ppb
Tin	118-1	0.02	0.02	-0.01	0.01	143.33	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BL	Instrumnet Name :	P8
Client Sample ID :	PB139266BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:30:06	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.10	0.02	0.05	73.23	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.15	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				122		%
Zinc	66-2	-0.24	-0.21	-0.27	-0.24		ppb
Zirconium	90-1	0.31	0.41	0.45	0.39	18.32	ppb
Zirconium	91-1	0.15	0.29	0.31	0.25	35.33	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BS	Instrumnet Name :	P8
Client Sample ID :	PB139266BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:36:52	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.85	45.88	46.82	45.19	4.59	ppb
Antimony	121-1	3.83	3.80	4.03	3.89	3.25	ppb
Arsenic	75-2	1.79	1.78	2.10	1.89	9.77	ppb
Barium	135-1	19.66	19.44	19.80	19.63	0.92	ppb
Barium	137-1	20.16	19.41	20.39	19.99	2.56	ppb
Beryllium	9-1	1.98	2.07	1.95	2.00	3.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	51.13	54.60	55.09	53.60	4.03	ppb
Boron	11-1	53.70	60.35	60.30	58.12	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	1.90	2.05	1.98	1.98	3.78	ppb
Cadmium	106-1	2.70	3.81	2.36	2.96	25.62	ppb
Cadmium	108-1	2.02	1.36	1.54	1.64	20.70	ppb
Calcium	43-1	951.99	929.86	939.14	940.33	1.18	ppb
Calcium	44-1	989.36	958.75	962.88	970.33	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.84	4.19	3.94	5.36	ppb
Cobalt	59-2	1.84	1.96	2.20	2.00	9.08	ppb
Copper	63-2	3.32	3.34	3.75	3.47	7.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				114		%
Iron	54-2	279.65	291.79	316.92	296.12	6.42	ppb
Iron	56-2	282.85	286.98	317.01	295.62	6.31	ppb
Iron	57-2	279.70	280.24	309.07	289.67	5.80	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BS	Instrumnet Name :	P8
Client Sample ID :	PB139266BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:36:52	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.85	1.88	1.90	1.88	1.43	ppb
Lead	207-1	1.94	1.74	1.91	1.86	5.75	ppb
Lead	208-1	1.90	1.88	1.96	1.91	2.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	1007.05	1021.08	1126.77	1051.64	6.22	ppb
Manganese	55-2	2.04	1.96	2.20	2.07	6.05	ppb
Molybdenum	94-1	9.43	9.81	9.97	9.74	2.87	ppb
Molybdenum	95-1	9.58	9.66	10.26	9.83	3.74	ppb
Molybdenum	96-1	9.36	9.28	9.85	9.50	3.28	ppb
Molybdenum	97-1	9.83	9.50	10.19	9.84	3.51	ppb
Molybdenum	98-1	9.77	9.78	9.95	9.83	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.98	2.24	2.04	8.84	ppb
Phosphorus	31-2	13.83	0.27	-8.97	1.71	671.70	ppb
Potassium	39-2	974.59	994.03	1105.79	1024.81	6.91	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				118		%
Selenium	82-1	10.32	10.14	10.81	10.42	3.35	ppb
Selenium	77-2	11.27	7.60	11.84	10.24	22.46	ppb
Selenium	78-2	11.49	10.20	11.84	11.18	7.70	ppb
Silicon	28-1	18.10	14.98	15.03	16.04	11.16	ppb
Silver	107-1	2.02	1.97	1.92	1.97	2.57	ppb
Silver	109-1	2.06	1.94	1.99	2.00	3.07	ppb
Sodium	23-2	1018.35	1046.25	1171.20	1078.60	7.55	ppb
Strontium	86-1	2.10	2.04	2.16	2.10	2.83	ppb
Strontium	88-1	2.16	2.19	2.22	2.19	1.53	ppb
Sulfur	34-1	-2222.05	-2660.23	-2832.19	-2571.49		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.76	1.73	1.89	1.79	4.77	ppb
Thallium	205-1	1.86	1.78	1.85	1.83	2.48	ppb
Tin	118-1	9.74	9.85	9.70	9.76	0.81	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BS	Instrumnet Name :	P8
Client Sample ID :	PB139266BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:36:52	DataFile Name :	055LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.01	9.66	9.03	9.23	3.97	ppb
Uranium	238-1	1.72	1.69	1.76	1.72	2.30	ppb
Vanadium	51-2	9.56	9.51	10.55	9.88	5.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	7.66	7.37	7.93	7.65	3.71	ppb
Zirconium	90-1	18.31	18.55	18.52	18.46	0.71	ppb
Zirconium	91-1	18.13	18.57	19.59	18.76	3.99	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.16	66.23	66.65	66.35	0.40	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	2.21	ppb
Arsenic	75-2	0.47	0.39	0.35	0.41	15.89	ppb
Barium	135-1	64.27	63.01	63.88	63.72	1.02	ppb
Barium	137-1	65.17	64.78	64.49	64.81	0.53	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	13.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	27.40	28.49	29.08	28.32	3.00	ppb
Boron	11-1	29.67	30.97	31.15	30.60	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.04	0.07	0.11	90.88	ppb
Cadmium	106-1	2.84	0.15	0.82	1.27	109.90	ppb
Cadmium	108-1	-0.42	-0.46	-0.39	-0.42		ppb
Calcium	43-1	12705.12	12958.65	12959.74	12874.50	1.14	ppb
Calcium	44-1	13249.32	13283.91	13215.60	13249.61	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.43	1.43	1.37	1.41	2.50	ppb
Cobalt	59-2	0.26	0.28	0.28	0.27	4.11	ppb
Copper	63-2	0.73	0.76	0.76	0.75	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				117		%
Indium	115-2				120		%
Iron	54-2	1739.84	1717.58	1762.30	1739.91	1.29	ppb
Iron	56-2	1769.91	1800.92	1843.57	1804.80	2.05	ppb
Iron	57-2	1678.37	1683.37	1725.39	1695.71	1.52	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.71	3.82	3.62	3.71	2.76	ppb
Lead	207-1	3.84	3.84	3.63	3.77	3.28	ppb
Lead	208-1	3.73	3.77	3.61	3.71	2.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	2755.27	2739.34	2756.64	2750.42	0.35	ppb
Manganese	55-2	269.86	268.53	271.46	269.95	0.54	ppb
Molybdenum	94-1	0.21	0.23	0.25	0.23	10.55	ppb
Molybdenum	95-1	0.23	0.28	0.23	0.25	11.02	ppb
Molybdenum	96-1	0.22	0.29	0.27	0.26	13.84	ppb
Molybdenum	97-1	0.27	0.23	0.27	0.26	10.12	ppb
Molybdenum	98-1	0.26	0.25	0.25	0.25	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.37	0.45	0.42	9.49	ppb
Phosphorus	31-2	69.82	59.33	71.88	67.01	10.05	ppb
Potassium	39-2	2220.09	2230.46	2291.06	2247.20	1.71	ppb
Rhodium	103-1				114		%
Rhodium	103-2				117		%
Scandium	45-1				117		%
Scandium	45-2				125		%
Selenium	82-1	0.45	1.09	0.25	0.60	73.38	ppb
Selenium	77-2	1.29	0.29	0.30	0.63	91.93	ppb
Selenium	78-2	0.94	0.32	0.13	0.47	90.35	ppb
Silicon	28-1	3912.68	3945.97	3779.25	3879.30	2.27	ppb
Silver	107-1	0.02	0.02	0.01	0.01	28.27	ppb
Silver	109-1	0.02	0.01	0.00	0.01	107.44	ppb
Sodium	23-2	67039.83	66075.93	66490.86	66535.54	0.73	ppb
Strontium	86-1	93.11	93.48	91.16	92.58	1.35	ppb
Strontium	88-1	93.73	96.21	90.95	93.63	2.81	ppb
Sulfur	34-1	1099.48	1234.69	695.69	1009.95	27.77	ppb
Terbium	159-1				109		%
Terbium	159-2				114		%
Thallium	203-1	-0.05	-0.01	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.04	-0.03		ppb
Tin	118-1	0.15	0.16	0.14	0.15	5.07	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.54	1.50	1.41	1.48	4.61	ppb
Uranium	238-1	0.02	0.03	0.02	0.03	10.46	ppb
Vanadium	51-2	0.41	0.42	0.47	0.43	7.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				122		%
Zinc	66-2	9.36	8.86	9.10	9.11	2.72	ppb
Zirconium	90-1	0.38	0.50	0.53	0.47	17.37	ppb
Zirconium	91-1	0.35	0.49	0.61	0.48	26.84	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64.91	65.62	66.46	65.66	1.18	ppb
Antimony	121-1	0.14	0.15	0.14	0.14	5.79	ppb
Arsenic	75-2	0.36	0.40	0.37	0.38	5.98	ppb
Barium	135-1	64.78	66.99	64.13	65.30	2.30	ppb
Barium	137-1	64.86	68.18	64.79	65.95	2.94	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	6.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	10-1	25.66	27.71	26.30	26.56	3.95	ppb
Boron	11-1	28.22	29.98	29.16	29.12	3.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.05	0.07	0.10	65.36	ppb
Cadmium	106-1	2.05	0.53	0.98	1.19	65.62	ppb
Cadmium	108-1	-0.44	-0.47	-0.43	-0.45		ppb
Calcium	43-1	13016.26	13626.87	12875.73	13172.95	3.03	ppb
Calcium	44-1	13489.64	13989.64	13422.67	13633.98	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.35	1.37	1.37	2.24	ppb
Cobalt	59-2	0.26	0.29	0.28	0.27	5.49	ppb
Copper	63-2	0.70	0.72	0.73	0.72	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				120		%
Iron	54-2	1699.77	1766.43	1731.75	1732.65	1.92	ppb
Iron	56-2	1772.19	1796.48	1798.48	1789.05	0.82	ppb
Iron	57-2	1679.14	1713.63	1692.33	1695.03	1.03	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.86	3.93	3.80	3.86	1.66	ppb
Lead	207-1	3.68	3.85	3.56	3.70	3.88	ppb
Lead	208-1	3.76	3.89	3.64	3.76	3.33	ppb
Lithium	6-1				106		%
Magnesium	24-2	2723.46	2773.22	2728.53	2741.74	1.00	ppb
Manganese	55-2	270.30	270.62	269.97	270.30	0.12	ppb
Molybdenum	94-1	0.24	0.27	0.21	0.24	11.83	ppb
Molybdenum	95-1	0.28	0.26	0.25	0.26	6.87	ppb
Molybdenum	96-1	0.25	0.28	0.24	0.26	8.38	ppb
Molybdenum	97-1	0.24	0.26	0.22	0.24	7.47	ppb
Molybdenum	98-1	0.25	0.25	0.24	0.25	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.38	0.46	0.40	13.77	ppb
Phosphorus	31-2	34.90	61.27	60.01	52.06	28.58	ppb
Potassium	39-2	2240.90	2269.52	2267.45	2259.29	0.71	ppb
Rhodium	103-1				111		%
Rhodium	103-2				118		%
Scandium	45-1				115		%
Scandium	45-2				124		%
Selenium	82-1	0.32	0.23	0.38	0.31	24.90	ppb
Selenium	77-2	-0.20	0.28	-0.20	-0.04		ppb
Selenium	78-2	-0.03	0.43	0.09	0.16	147.81	ppb
Silicon	28-1	3803.11	3948.35	3828.32	3859.93	2.01	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	66999.33	68864.61	67974.78	67946.24	1.37	ppb
Strontium	86-1	92.47	100.08	93.26	95.27	4.39	ppb
Strontium	88-1	93.80	100.98	99.17	97.99	3.81	ppb
Sulfur	34-1	341.33	799.64	321.05	487.34	55.54	ppb
Terbium	159-1				109		%
Terbium	159-2				115		%
Thallium	203-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.13	0.15	0.09	0.12	23.36	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.37	1.55	1.44	1.45	6.33	ppb
Uranium	238-1	0.02	0.03	0.03	0.02	15.70	ppb
Vanadium	51-2	0.46	0.46	0.44	0.45	3.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				123		%
Zinc	66-2	8.07	9.12	8.61	8.60	6.11	ppb
Zirconium	90-1	0.34	0.38	0.35	0.36	5.05	ppb
Zirconium	91-1	0.15	0.16	0.25	0.19	29.21	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06LX5	Instrumnet Name :	P8
Client Sample ID :	A0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 18:45:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.59	12.73	12.96	12.76	1.45	ppb
Antimony	121-1	0.04	0.03	0.04	0.03	17.74	ppb
Arsenic	75-2	0.03	0.00	-0.01	0.01	249.87	ppb
Barium	135-1	11.86	12.64	12.24	12.25	3.17	ppb
Barium	137-1	12.22	12.51	12.25	12.33	1.31	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	70.93	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Boron	10-1	11.66	11.35	12.10	11.70	3.25	ppb
Boron	11-1	12.43	12.51	12.96	12.63	2.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.16	-0.03	0.07	141.66	ppb
Cadmium	106-1	0.67	1.92	-0.56	0.67	184.14	ppb
Cadmium	108-1	-0.52	-0.42	-0.56	-0.50		ppb
Calcium	43-1	2439.73	2531.46	2486.64	2485.94	1.85	ppb
Calcium	44-1	2610.07	2638.60	2684.10	2644.26	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.19	0.27	0.22	16.97	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	15.24	ppb
Copper	63-2	0.11	0.12	0.10	0.11	9.16	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				114		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				120		%
Iron	54-2	322.47	335.64	352.66	336.92	4.49	ppb
Iron	56-2	322.76	340.02	339.61	334.13	2.95	ppb
Iron	57-2	320.70	327.84	340.14	329.56	2.99	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06LX5	Instrumnet Name :	P8
Client Sample ID :	A0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 18:45:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.68	0.75	0.72	5.57	ppb
Lead	207-1	0.75	0.63	0.69	0.69	8.44	ppb
Lead	208-1	0.75	0.69	0.73	0.72	4.31	ppb
Lithium	6-1				106		%
Magnesium	24-2	509.30	536.74	542.87	529.64	3.37	ppb
Manganese	55-2	49.46	50.42	53.23	51.04	3.85	ppb
Molybdenum	94-1	0.16	0.04	0.05	0.08	78.51	ppb
Molybdenum	95-1	0.06	0.05	0.05	0.05	12.96	ppb
Molybdenum	96-1	0.13	0.04	0.04	0.07	83.69	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	41.11	ppb
Molybdenum	98-1	0.08	0.04	0.04	0.05	43.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.04	0.04	15.63	ppb
Phosphorus	31-2	9.13	30.59	19.98	19.90	53.93	ppb
Potassium	39-2	403.06	429.24	439.93	424.07	4.47	ppb
Rhodium	103-1				114		%
Rhodium	103-2				119		%
Scandium	45-1				116		%
Scandium	45-2				124		%
Selenium	82-1	-0.23	-0.02	0.05	-0.06		ppb
Selenium	77-2	-0.20	0.29	-0.20	-0.03		ppb
Selenium	78-2	-0.25	-0.63	-0.20	-0.36		ppb
Silicon	28-1	719.52	735.32	726.63	727.16	1.09	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	12283.50	13151.19	13295.78	12910.16	4.24	ppb
Strontium	86-1	17.57	18.32	18.11	18.00	2.14	ppb
Strontium	88-1	17.92	18.13	18.33	18.13	1.14	ppb
Sulfur	34-1	-3111.98	-2813.80	-2774.08	-2899.95		ppb
Terbium	159-1				111		%
Terbium	159-2				115		%
Thallium	203-1	-0.03	-0.04	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.11	0.10	0.08	0.10	18.91	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06LX5	Instrumnet Name :	P8
Client Sample ID :	A0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 18:45:48	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.26	0.29	0.31	16.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.67	ppb
Vanadium	51-2	0.07	0.08	0.10	0.08	17.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				123		%
Zinc	66-2	1.49	1.73	1.43	1.55	10.07	ppb
Zirconium	90-1	0.39	0.14	0.08	0.21	79.24	ppb
Zirconium	91-1	0.32	0.06	0.08	0.15	93.35	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-09	Instrumnet Name :	P8
Client Sample ID :	A0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:48:48	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2122.13	2143.71	2169.39	2145.08	1.10	ppb
Antimony	121-1	111.51	110.75	107.69	109.98	1.84	ppb
Arsenic	75-2	41.96	42.89	43.23	42.69	1.54	ppb
Barium	135-1	2195.82	2215.67	2161.09	2190.86	1.26	ppb
Barium	137-1	2182.67	2197.33	2093.50	2157.83	2.60	ppb
Beryllium	9-1	52.01	52.31	51.33	51.88	0.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	21.88	22.49	23.34	22.57	3.26	ppb
Boron	11-1	24.21	24.78	24.96	24.65	1.58	ppb
Bromine	81-1						cps
Cadmium	111-1	56.06	54.21	53.27	54.51	2.61	ppb
Cadmium	106-1	49.62	47.39	46.49	47.83	3.38	ppb
Cadmium	108-1	48.95	48.48	48.63	48.69	0.49	ppb
Calcium	43-1	12594.66	12702.96	12392.23	12563.28	1.26	ppb
Calcium	44-1	13079.96	12887.57	12557.99	12841.84	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189.86	193.72	197.71	193.76	2.03	ppb
Cobalt	59-2	506.72	505.69	518.47	510.29	1.39	ppb
Copper	63-2	238.86	242.21	247.08	242.71	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				119		%
Iron	54-2	2876.98	2900.42	2932.00	2903.14	0.95	ppb
Iron	56-2	2782.56	2792.90	2785.18	2786.88	0.19	ppb
Iron	57-2	2645.01	2676.09	2722.11	2681.07	1.45	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-09	Instrumnet Name :	P8
Client Sample ID :	A0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:48:48	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.59	23.78	22.84	23.40	2.12	ppb
Lead	207-1	23.81	24.81	23.96	24.19	2.21	ppb
Lead	208-1	23.81	23.93	23.33	23.69	1.34	ppb
Lithium	6-1				108		%
Magnesium	24-2	2660.39	2701.76	2713.26	2691.80	1.03	ppb
Manganese	55-2	757.56	775.38	773.10	768.68	1.26	ppb
Molybdenum	94-1	0.22	0.28	0.23	0.24	12.99	ppb
Molybdenum	95-1	0.27	0.27	0.28	0.27	2.73	ppb
Molybdenum	96-1	0.29	0.27	0.26	0.28	5.50	ppb
Molybdenum	97-1	0.26	0.26	0.23	0.25	6.19	ppb
Molybdenum	98-1	0.31	0.27	0.27	0.28	8.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.86	489.56	487.75	485.06	1.30	ppb
Phosphorus	31-2	53.32	51.59	58.82	54.58	6.92	ppb
Potassium	39-2	2124.85	2169.31	2168.51	2154.22	1.18	ppb
Rhodium	103-1				114		%
Rhodium	103-2				118		%
Scandium	45-1				118		%
Scandium	45-2				124		%
Selenium	82-1	109.15	107.15	105.49	107.27	1.71	ppb
Selenium	77-2	107.01	102.87	108.89	106.26	2.90	ppb
Selenium	78-2	104.56	105.78	104.33	104.89	0.74	ppb
Silicon	28-1	3784.87	3805.67	3699.73	3763.42	1.49	ppb
Silver	107-1	48.99	49.83	49.22	49.34	0.88	ppb
Silver	109-1	57.37	53.73	51.43	54.18	5.53	ppb
Sodium	23-2	65175.27	65277.71	65563.38	65338.79	0.31	ppb
Strontium	86-1	91.31	90.83	89.27	90.47	1.18	ppb
Strontium	88-1	93.97	91.98	89.42	91.79	2.49	ppb
Sulfur	34-1	-270.91	-111.99	-544.94	-309.28		ppb
Terbium	159-1				112		%
Terbium	159-2				115		%
Thallium	203-1	51.84	51.40	50.55	51.26	1.29	ppb
Thallium	205-1	51.28	51.72	49.90	50.97	1.86	ppb
Tin	118-1	0.14	0.13	0.12	0.13	8.45	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-09	Instrumnet Name :	P8
Client Sample ID :	A0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:48:48	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.47	1.44	1.50	1.47	2.30	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	15.79	ppb
Vanadium	51-2	499.21	497.95	510.64	502.60	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				122		%
Zinc	66-2	502.17	512.61	518.38	511.05	1.61	ppb
Zirconium	90-1	0.33	0.20	0.40	0.31	32.64	ppb
Zirconium	91-1	0.41	0.33	0.54	0.43	25.28	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.86	7.55	7.54	7.65	2.39	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	3.87	ppb
Arsenic	75-2	-0.06	-0.05	-0.05	-0.06		ppb
Barium	135-1	0.63	0.64	0.67	0.65	3.83	ppb
Barium	137-1	0.62	0.61	0.60	0.61	2.09	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	52.03	ppb
Bismuth	209-1				110		%
Bismuth	209-2				113		%
Boron	10-1	10.27	11.22	10.67	10.72	4.45	ppb
Boron	11-1	11.46	11.72	11.50	11.56	1.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.07	0.03	0.03	89.50	ppb
Cadmium	106-1	-0.23	0.40	0.34	0.17	206.36	ppb
Cadmium	108-1	-0.53	-0.56	-0.41	-0.50		ppb
Calcium	43-1	107.92	113.25	111.83	111.00	2.48	ppb
Calcium	44-1	121.36	128.88	122.60	124.28	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.33	0.39	0.37	9.12	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	53.70	ppb
Copper	63-2	0.71	0.69	0.65	0.68	4.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				121		%
Iron	54-2	22.23	22.86	19.63	21.57	7.95	ppb
Iron	56-2	21.87	21.54	20.65	21.35	2.96	ppb
Iron	57-2	21.55	19.29	18.81	19.89	7.34	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.50	0.43	0.46	8.02	ppb
Lead	207-1	0.43	0.41	0.43	0.42	2.14	ppb
Lead	208-1	0.43	0.46	0.44	0.44	3.96	ppb
Lithium	6-1				107		%
Magnesium	24-2	9.25	9.94	9.12	9.44	4.70	ppb
Manganese	55-2	0.95	0.95	1.03	0.98	4.51	ppb
Molybdenum	94-1	0.00	0.05	0.03	0.03	85.49	ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.09	0.09	0.09	3.62	ppb
Phosphorus	31-2	0.02	-5.93	4.61	-0.43		ppb
Potassium	39-2	109.47	101.86	98.59	103.31	5.41	ppb
Rhodium	103-1				115		%
Rhodium	103-2				119		%
Scandium	45-1				114		%
Scandium	45-2				124		%
Selenium	82-1	0.41	0.06	-0.05	0.14	174.73	ppb
Selenium	77-2	-0.20	-0.20	0.28	-0.04		ppb
Selenium	78-2	0.07	0.57	-0.37	0.09	538.80	ppb
Silicon	28-1	6.36	9.86	8.74	8.32	21.51	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.96	ppb
Silver	109-1	0.02	0.02	0.01	0.02	40.88	ppb
Sodium	23-2	102.11	97.56	93.90	97.86	4.20	ppb
Strontium	86-1	0.18	0.21	0.18	0.19	9.37	ppb
Strontium	88-1	0.22	0.22	0.23	0.22	3.63	ppb
Sulfur	34-1	-3889.35	-3443.17	-3722.79	-3685.10		ppb
Terbium	159-1				110		%
Terbium	159-2				116		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.08	0.09	0.08	0.08	4.58	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.23	0.19	0.20	9.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.03	0.02	0.03	28.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				124		%
Zinc	66-2	8.80	8.95	8.76	8.84	1.17	ppb
Zirconium	90-1	0.17	0.21	0.24	0.21	15.54	ppb
Zirconium	91-1	0.11	0.29	0.22	0.21	41.67	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-01	Instrumnet Name :	P8
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:55:19	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.43	494.37	491.14	498.98	2.18	ppb
Antimony	121-1	0.19	0.18	0.15	0.18	11.56	ppb
Arsenic	75-2	0.71	0.61	0.79	0.70	13.04	ppb
Barium	135-1	101.10	101.20	104.70	102.33	2.01	ppb
Barium	137-1	104.21	101.32	105.45	103.66	2.04	ppb
Beryllium	9-1	0.10	0.12	0.09	0.10	18.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	21.25	21.64	21.08	21.32	1.35	ppb
Boron	11-1	22.36	23.88	22.96	23.07	3.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.13	0.15	0.15	18.92	ppb
Cadmium	106-1	1.53	0.81	1.00	1.11	33.25	ppb
Cadmium	108-1	-0.54	-0.46	-0.50	-0.50		ppb
Calcium	43-1	10339.19	10156.57	10098.76	10198.17	1.23	ppb
Calcium	44-1	10560.28	10549.51	10164.86	10424.88	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.93	2.77	2.72	2.81	3.96	ppb
Cobalt	59-2	1.11	1.10	1.06	1.09	1.99	ppb
Copper	63-2	1.66	1.54	1.54	1.58	4.29	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				111		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	54-2	3578.86	3397.46	3420.70	3465.67	2.85	ppb
Iron	56-2	3718.28	3562.43	3544.21	3608.31	2.65	ppb
Iron	57-2	3542.85	3393.08	3348.65	3428.19	2.97	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-01	Instrumnet Name :	P8
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:55:19	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.34	7.40	7.18	7.31	1.61	ppb
Lead	207-1	6.98	7.04	7.05	7.02	0.54	ppb
Lead	208-1	7.10	7.31	7.11	7.18	1.69	ppb
Lithium	6-1				105		%
Magnesium	24-2	2450.30	2363.18	2356.71	2390.06	2.19	ppb
Manganese	55-2	450.98	438.84	446.72	445.51	1.38	ppb
Molybdenum	94-1	0.36	0.36	0.34	0.36	3.06	ppb
Molybdenum	95-1	0.36	0.40	0.41	0.39	6.36	ppb
Molybdenum	96-1	0.43	0.45	0.47	0.45	4.07	ppb
Molybdenum	97-1	0.39	0.38	0.42	0.39	5.43	ppb
Molybdenum	98-1	0.38	0.38	0.40	0.39	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.85	0.94	0.89	5.26	ppb
Phosphorus	31-2	248.37	277.98	208.25	244.86	14.29	ppb
Potassium	39-2	2124.79	2032.25	2001.42	2052.82	3.13	ppb
Rhodium	103-1				112		%
Rhodium	103-2				115		%
Scandium	45-1				114		%
Scandium	45-2				120		%
Selenium	82-1	0.30	0.37	0.56	0.41	32.86	ppb
Selenium	77-2	1.31	-0.20	1.33	0.81	107.80	ppb
Selenium	78-2	-0.22	0.14	-0.50	-0.19		ppb
Silicon	28-1	4148.88	4096.91	4226.66	4157.48	1.57	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.28	ppb
Sodium	23-2	49718.13	48375.86	48787.69	48960.56	1.40	ppb
Strontium	86-1	75.37	75.72	75.37	75.49	0.27	ppb
Strontium	88-1	77.50	77.73	78.38	77.87	0.58	ppb
Sulfur	34-1	452.04	113.58	65.06	210.23	100.28	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.14	0.12	0.14	0.13	10.05	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-01	Instrumnet Name :	P8
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:55:19	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.35	15.00	15.28	15.21	1.23	ppb
Uranium	238-1	0.07	0.09	0.08	0.08	7.62	ppb
Vanadium	51-2	2.05	2.03	2.02	2.03	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				119		%
Zinc	66-2	26.34	24.77	26.19	25.77	3.37	ppb
Zirconium	90-1	0.57	0.72	0.49	0.59	19.73	ppb
Zirconium	91-1	0.25	0.76	0.62	0.54	48.29	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	187.46	168.71	165.07	173.75	6.92	ppb
Antimony	121-1	0.12	0.11	0.12	0.11	7.62	ppb
Arsenic	75-2	0.59	0.42	0.46	0.49	18.50	ppb
Barium	135-1	57.33	58.08	56.42	57.28	1.46	ppb
Barium	137-1	56.33	59.29	57.81	57.81	2.56	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	19.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	19.95	20.19	22.79	20.98	7.52	ppb
Boron	11-1	22.24	22.62	24.66	23.17	5.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.08	-0.03	-0.05		ppb
Cadmium	106-1	-0.79	-1.26	-0.72	-0.92		ppb
Cadmium	108-1	-0.47	-0.44	-0.39	-0.43		ppb
Calcium	43-1	9803.26	9629.11	10067.89	9833.42	2.25	ppb
Calcium	44-1	9899.99	9993.64	10250.36	10047.99	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.78	0.62	0.62	0.67	13.50	ppb
Cobalt	59-2	0.51	0.39	0.43	0.44	13.61	ppb
Copper	63-2	0.85	0.66	0.65	0.72	16.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	54-2	2226.52	1990.79	1919.61	2045.64	7.85	ppb
Iron	56-2	2341.15	1982.46	1940.01	2087.87	10.55	ppb
Iron	57-2	2250.83	1930.45	1860.36	2013.88	10.34	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.00	0.96	1.02	0.99	2.96	ppb
Lead	207-1	1.00	1.03	1.03	1.02	1.90	ppb
Lead	208-1	0.99	1.00	1.02	1.00	1.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	2725.74	2388.28	2303.85	2472.62	9.03	ppb
Manganese	55-2	227.88	195.21	190.26	204.45	10.00	ppb
Molybdenum	94-1	0.25	0.25	0.25	0.25	0.91	ppb
Molybdenum	95-1	0.32	0.32	0.35	0.33	4.85	ppb
Molybdenum	96-1	0.29	0.32	0.34	0.32	7.67	ppb
Molybdenum	97-1	0.33	0.31	0.30	0.31	4.20	ppb
Molybdenum	98-1	0.30	0.32	0.32	0.31	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.66	0.56	0.50	0.57	14.21	ppb
Phosphorus	31-2	107.11	114.71	71.48	97.77	23.60	ppb
Potassium	39-2	2251.99	1958.88	1883.64	2031.50	9.58	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	0.14	-0.06	0.15	0.08	151.88	ppb
Selenium	77-2	-0.20	0.31	0.80	0.31	163.66	ppb
Selenium	78-2	0.50	-0.25	0.26	0.17	223.69	ppb
Silicon	28-1	3560.95	3623.31	3836.92	3673.73	3.94	ppb
Silver	107-1	0.00	0.00	0.00	0.00	371.22	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	58127.73	49588.58	47966.18	51894.16	10.52	ppb
Strontium	86-1	71.32	73.12	71.98	72.14	1.26	ppb
Strontium	88-1	73.01	75.71	74.41	74.38	1.82	ppb
Sulfur	34-1	-426.63	-766.48	7.60	-395.17		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.05	0.07	0.08	0.07	17.77	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.97	3.66	4.03	3.89	5.05	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	5.07	ppb
Vanadium	51-2	0.95	0.80	0.71	0.82	14.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	14.74	12.84	12.58	13.38	8.81	ppb
Zirconium	90-1	0.44	0.44	0.28	0.39	23.50	ppb
Zirconium	91-1	0.17	0.36	0.21	0.25	39.47	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.04	87.66	85.40	88.03	3.22	ppb
Antimony	121-1	0.13	0.13	0.12	0.13	2.06	ppb
Arsenic	75-2	0.41	0.49	0.36	0.42	15.13	ppb
Barium	135-1	57.40	56.96	56.84	57.07	0.51	ppb
Barium	137-1	57.52	59.51	57.19	58.07	2.17	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	24.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	21.92	20.07	21.74	21.24	4.81	ppb
Boron	11-1	23.52	22.80	23.24	23.19	1.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	0.11	-0.06	-0.02		ppb
Cadmium	106-1	-1.66	1.42	-0.95	-0.40		ppb
Cadmium	108-1	-0.54	-0.52	-0.39	-0.48		ppb
Calcium	43-1	10416.23	10389.16	10277.09	10360.82	0.71	ppb
Calcium	44-1	10569.58	10453.67	10624.70	10549.32	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.91	0.56	0.69	27.48	ppb
Cobalt	59-2	0.30	0.54	0.29	0.38	38.08	ppb
Copper	63-2	0.50	2.06	0.52	1.03	86.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				112		%
Indium	115-2				116		%
Iron	54-2	1755.20	1720.59	1699.26	1725.02	1.64	ppb
Iron	56-2	1818.24	1795.25	1755.77	1789.75	1.77	ppb
Iron	57-2	1717.87	1705.22	1692.15	1705.08	0.75	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.72	0.73	0.73	1.19	ppb
Lead	207-1	0.68	0.74	0.66	0.69	6.34	ppb
Lead	208-1	0.70	0.75	0.71	0.72	3.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	2354.32	2328.21	2328.80	2337.11	0.64	ppb
Manganese	55-2	176.77	173.23	175.45	175.15	1.02	ppb
Molybdenum	94-1	0.25	0.29	0.26	0.27	6.68	ppb
Molybdenum	95-1	0.29	0.26	0.29	0.28	6.41	ppb
Molybdenum	96-1	0.31	0.31	0.32	0.31	1.21	ppb
Molybdenum	97-1	0.31	0.32	0.34	0.32	5.21	ppb
Molybdenum	98-1	0.27	0.31	0.35	0.31	13.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.73	0.40	0.54	31.58	ppb
Phosphorus	31-2	69.16	32.93	49.17	50.42	36.00	ppb
Potassium	39-2	1928.62	1878.15	1926.59	1911.12	1.50	ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				121		%
Selenium	82-1	0.45	0.26	0.69	0.47	45.55	ppb
Selenium	77-2	0.30	-0.20	0.30	0.13	214.22	ppb
Selenium	78-2	0.04	0.00	0.49	0.17	157.35	ppb
Silicon	28-1	3717.97	3783.39	3595.00	3698.79	2.59	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	48949.63	47666.94	48842.28	48486.28	1.47	ppb
Strontium	86-1	75.49	74.56	76.12	75.39	1.04	ppb
Strontium	88-1	78.25	76.31	79.24	77.93	1.92	ppb
Sulfur	34-1	-23.63	-111.42	-375.73	-170.26		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	-0.05	-0.06	-0.03	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.10	0.12	0.12	0.11	6.46	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.87	1.76	1.87	1.83	3.50	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	17.40	ppb
Vanadium	51-2	0.57	1.01	0.57	0.72	35.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				120		%
Zinc	66-2	12.38	13.29	11.78	12.48	6.09	ppb
Zirconium	90-1	0.27	0.30	0.27	0.28	6.19	ppb
Zirconium	91-1	-0.01	0.37	0.28	0.21	94.90	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-04RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3DRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:04:11	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88.41	97.32	104.07	96.60	8.13	ppb
Antimony	121-1	0.13	0.11	0.13	0.12	11.45	ppb
Arsenic	75-2	0.39	0.41	0.57	0.46	21.51	ppb
Barium	135-1	55.56	56.03	57.67	56.42	1.96	ppb
Barium	137-1	56.67	55.90	57.93	56.83	1.80	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	9.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	19.98	19.80	21.11	20.30	3.49	ppb
Boron	11-1	20.75	21.83	23.27	21.95	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.07	0.09	0.05	222.64	ppb
Cadmium	106-1	1.45	-1.00	1.01	0.49	269.05	ppb
Cadmium	108-1	-0.61	-0.41	-0.50	-0.51		ppb
Calcium	43-1	10125.11	10087.55	10156.78	10123.15	0.34	ppb
Calcium	44-1	10683.45	10547.33	10436.35	10555.71	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.61	0.72	0.63	12.24	ppb
Cobalt	59-2	0.28	0.32	0.35	0.32	12.04	ppb
Copper	63-2	0.47	0.53	0.62	0.54	13.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	1713.51	1916.83	2104.45	1911.60	10.23	ppb
Iron	56-2	1739.62	1992.99	2161.54	1964.72	10.81	ppb
Iron	57-2	1691.35	1920.61	2023.26	1878.41	9.05	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-04RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3DRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:04:11	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.68	0.72	0.73	0.71	4.04	ppb
Lead	207-1	0.69	0.67	0.66	0.67	2.09	ppb
Lead	208-1	0.69	0.68	0.70	0.69	1.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	2410.18	2626.36	2867.37	2634.64	8.68	ppb
Manganese	55-2	173.06	191.52	211.08	191.89	9.91	ppb
Molybdenum	94-1	0.25	0.26	0.29	0.27	7.30	ppb
Molybdenum	95-1	0.29	0.32	0.30	0.30	6.08	ppb
Molybdenum	96-1	0.31	0.29	0.31	0.31	3.29	ppb
Molybdenum	97-1	0.34	0.29	0.33	0.32	7.48	ppb
Molybdenum	98-1	0.30	0.31	0.31	0.30	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.44	0.52	0.47	9.25	ppb
Phosphorus	31-2	93.37	96.81	129.47	106.55	18.70	ppb
Potassium	39-2	1842.99	2156.11	2295.08	2098.06	11.04	ppb
Rhodium	103-1				111		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	-0.18	-0.22	0.43	0.01	3224.06	ppb
Selenium	77-2	0.30	1.47	1.00	0.92	63.49	ppb
Selenium	78-2	-0.21	0.00	0.51	0.10	370.77	ppb
Silicon	28-1	3577.48	3665.25	3568.22	3603.65	1.49	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	49352.55	54052.87	58473.40	53959.61	8.45	ppb
Strontium	86-1	73.41	75.90	76.41	75.24	2.13	ppb
Strontium	88-1	78.95	78.88	79.85	79.23	0.69	ppb
Sulfur	34-1	-233.12	-66.36	-293.27	-197.58		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Tin	118-1	0.11	0.12	0.12	0.12	4.74	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-04RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3DRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:04:11	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.83	1.84	1.93	1.87	2.94	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.12	ppb
Vanadium	51-2	0.58	0.63	0.67	0.63	7.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	11.83	12.45	13.51	12.59	6.77	ppb
Zirconium	90-1	0.19	0.31	0.30	0.27	24.87	ppb
Zirconium	91-1	0.40	0.24	0.14	0.26	51.94	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.88	20.04	20.52	21.15	7.19	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	0.44	ppb
Arsenic	75-2	0.06	0.03	0.03	0.04	49.58	ppb
Barium	135-1	11.10	10.97	11.06	11.04	0.62	ppb
Barium	137-1	11.22	11.28	11.12	11.21	0.72	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	35.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	8.09	8.38	8.43	8.30	2.20	ppb
Boron	11-1	8.48	9.41	9.45	9.11	6.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.08	-0.11	-0.11		ppb
Cadmium	106-1	-2.05	-1.18	-1.44	-1.56		ppb
Cadmium	108-1	-0.48	-0.57	-0.46	-0.50		ppb
Calcium	43-1	2044.42	1999.09	1934.29	1992.60	2.78	ppb
Calcium	44-1	2158.99	2076.21	2054.81	2096.67	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.08	0.13	0.12	33.04	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	26.80	ppb
Copper	63-2	0.09	0.05	0.06	0.07	28.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	54-2	367.93	324.46	335.63	342.67	6.59	ppb
Iron	56-2	372.58	330.81	332.00	345.13	6.89	ppb
Iron	57-2	361.62	317.17	331.99	336.93	6.72	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.15	0.15	13.33	ppb
Lead	207-1	0.14	0.13	0.14	0.13	6.25	ppb
Lead	208-1	0.16	0.13	0.14	0.14	9.45	ppb
Lithium	6-1				104		%
Magnesium	24-2	504.00	451.84	461.86	472.57	5.86	ppb
Manganese	55-2	37.41	33.37	34.18	34.99	6.11	ppb
Molybdenum	94-1	0.03	0.04	0.02	0.03	32.50	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	3.54	ppb
Molybdenum	96-1	0.03	0.05	0.05	0.04	33.38	ppb
Molybdenum	97-1	0.06	0.04	0.06	0.05	16.39	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	10.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.05	0.10	0.08	31.89	ppb
Phosphorus	31-2	-11.83	6.66	1.15	-1.34		ppb
Potassium	39-2	407.46	372.40	368.86	382.91	5.57	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	0.63	0.42	0.13	0.40	62.93	ppb
Selenium	77-2	0.88	0.31	-0.20	0.33	162.94	ppb
Selenium	78-2	-0.11	-0.17	-0.13	-0.13		ppb
Silicon	28-1	709.59	713.79	693.12	705.50	1.55	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	10414.64	9292.72	9504.63	9737.33	6.12	ppb
Strontium	86-1	14.68	14.50	14.73	14.64	0.83	ppb
Strontium	88-1	14.66	14.64	14.90	14.73	0.98	ppb
Sulfur	34-1	-2662.78	-2680.09	-2972.81	-2771.89		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	-0.05	-0.06	-0.07	-0.06		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.01	0.02	0.01	0.02	37.82	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.30	0.38	0.38	19.14	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	27.81	ppb
Vanadium	51-2	0.13	0.09	0.13	0.12	18.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				117		%
Zinc	66-2	2.69	1.88	2.21	2.26	17.96	ppb
Zirconium	90-1	0.13	0.02	0.01	0.05	125.64	ppb
Zirconium	91-1	0.11	-0.10	0.03	0.01	905.98	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-05RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3SRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:10:08	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2288.89	2281.52	2242.55	2270.98	1.10	ppb
Antimony	121-1	104.27	108.00	106.24	106.17	1.76	ppb
Arsenic	75-2	41.13	40.76	41.62	41.17	1.05	ppb
Barium	135-1	2231.90	2232.23	2271.94	2245.36	1.03	ppb
Barium	137-1	2239.29	2210.94	2280.84	2243.69	1.57	ppb
Beryllium	9-1	50.92	51.92	51.34	51.39	0.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	18.14	18.98	18.72	18.61	2.30	ppb
Boron	11-1	19.99	20.85	20.96	20.60	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	51.29	54.80	53.12	53.07	3.31	ppb
Cadmium	106-1	45.76	48.90	44.72	46.46	4.69	ppb
Cadmium	108-1	46.55	46.95	50.39	47.96	4.40	ppb
Calcium	43-1	9935.63	10474.75	10406.77	10272.39	2.86	ppb
Calcium	44-1	10242.15	10711.99	10472.40	10475.51	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.05	193.59	190.24	192.63	1.08	ppb
Cobalt	59-2	518.11	519.32	516.26	517.90	0.30	ppb
Copper	63-2	244.74	242.74	239.89	242.45	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	54-2	5108.59	5172.37	5100.49	5127.15	0.77	ppb
Iron	56-2	5188.77	5228.21	5038.42	5151.80	1.94	ppb
Iron	57-2	4954.39	4910.10	4859.17	4907.89	0.97	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-05RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3SRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:10:08	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	21.57	22.90	22.39	22.29	3.01	ppb
Lead	207-1	22.61	23.74	23.37	23.24	2.49	ppb
Lead	208-1	22.03	23.47	22.70	22.73	3.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	2385.18	2396.88	2369.73	2383.93	0.57	ppb
Manganese	55-2	1540.88	1564.17	1507.35	1537.47	1.86	ppb
Molybdenum	94-1	0.32	0.37	0.34	0.34	6.37	ppb
Molybdenum	95-1	0.40	0.43	0.38	0.40	6.70	ppb
Molybdenum	96-1	0.40	0.37	0.40	0.39	4.57	ppb
Molybdenum	97-1	0.36	0.37	0.43	0.39	9.86	ppb
Molybdenum	98-1	0.44	0.37	0.37	0.39	9.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.22	483.31	481.77	481.44	0.43	ppb
Phosphorus	31-2	283.81	249.89	186.93	240.21	20.47	ppb
Potassium	39-2	2068.83	2065.75	2031.52	2055.36	1.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	82-1	101.48	103.05	101.94	102.16	0.79	ppb
Selenium	77-2	95.30	93.04	99.22	95.86	3.26	ppb
Selenium	78-2	98.10	100.87	98.74	99.24	1.46	ppb
Silicon	28-1	3594.81	3805.55	3758.85	3719.74	2.98	ppb
Silver	107-1	31.81	33.35	32.83	32.66	2.40	ppb
Silver	109-1	33.41	34.13	34.48	34.01	1.59	ppb
Sodium	23-2	45400.34	48984.62	46177.49	46854.15	4.02	ppb
Strontium	86-1	76.01	77.28	75.97	76.42	0.97	ppb
Strontium	88-1	77.04	76.20	76.69	76.65	0.55	ppb
Sulfur	34-1	69.42	774.15	381.75	408.44	86.46	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	48.25	52.17	50.30	50.24	3.90	ppb
Thallium	205-1	48.42	51.69	50.69	50.27	3.33	ppb
Tin	118-1	0.11	0.11	0.11	0.11	1.63	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-05RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3SRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:10:08	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.84	3.82	3.85	3.84	0.46	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.89	ppb
Vanadium	51-2	511.54	505.89	517.98	511.80	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				118		%
Zinc	66-2	511.58	508.76	508.87	509.74	0.31	ppb
Zirconium	90-1	0.39	0.35	0.38	0.37	6.00	ppb
Zirconium	91-1	0.63	0.37	0.59	0.53	26.52	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.15	111.02	109.72	111.30	1.55	ppb
Antimony	121-1	0.13	0.12	0.10	0.12	11.84	ppb
Arsenic	75-2	0.37	0.41	0.34	0.37	9.80	ppb
Barium	135-1	60.73	56.75	57.99	58.49	3.49	ppb
Barium	137-1	62.97	57.76	58.90	59.88	4.58	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	8.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	18.74	17.70	19.39	18.61	4.57	ppb
Boron	11-1	21.41	20.36	21.86	21.21	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.07	0.05	0.04	69.09	ppb
Cadmium	106-1	-0.02	0.89	0.40	0.42	107.46	ppb
Cadmium	108-1	-0.31	-0.41	-0.54	-0.42		ppb
Calcium	43-1	10190.86	9369.30	9846.45	9802.20	4.21	ppb
Calcium	44-1	10550.56	9506.04	9806.63	9954.41	5.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.49	0.49	0.53	11.34	ppb
Cobalt	59-2	0.35	0.36	0.35	0.35	2.14	ppb
Copper	63-2	0.56	0.59	0.57	0.57	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				118		%
Iron	54-2	1807.73	1787.84	1765.53	1787.03	1.18	ppb
Iron	56-2	1790.26	1823.27	1782.61	1798.71	1.20	ppb
Iron	57-2	1760.17	1758.90	1737.25	1752.11	0.74	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.12	1.00	1.00	1.04	6.77	ppb
Lead	207-1	1.03	0.96	1.01	1.00	3.52	ppb
Lead	208-1	1.08	1.00	1.01	1.03	4.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	2248.23	2291.12	2234.11	2257.82	1.32	ppb
Manganese	55-2	197.60	195.22	193.56	195.46	1.04	ppb
Molybdenum	94-1	0.26	0.25	0.22	0.24	8.78	ppb
Molybdenum	95-1	0.33	0.29	0.31	0.31	6.49	ppb
Molybdenum	96-1	0.31	0.27	0.28	0.29	7.46	ppb
Molybdenum	97-1	0.32	0.30	0.30	0.31	3.33	ppb
Molybdenum	98-1	0.33	0.27	0.27	0.29	12.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.53	0.48	0.50	5.22	ppb
Phosphorus	31-2	104.41	59.69	111.54	91.88	30.59	ppb
Potassium	39-2	1887.23	1902.01	1847.76	1879.00	1.49	ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				114		%
Scandium	45-2				121		%
Selenium	82-1	0.16	0.02	0.10	0.10	73.25	ppb
Selenium	77-2	0.80	1.28	0.78	0.95	29.53	ppb
Selenium	78-2	-0.19	0.65	0.32	0.26	162.22	ppb
Silicon	28-1	3703.35	3371.83	3524.11	3533.10	4.70	ppb
Silver	107-1	0.02	0.01	0.02	0.02	28.95	ppb
Silver	109-1	0.03	0.01	0.01	0.02	72.84	ppb
Sodium	23-2	46728.89	48012.53	47164.82	47302.08	1.38	ppb
Strontium	86-1	77.21	68.04	71.31	72.18	6.44	ppb
Strontium	88-1	80.10	71.15	72.65	74.63	6.42	ppb
Sulfur	34-1	-7.27	-793.11	-359.84	-386.74		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.12	0.11	0.09	0.11	13.31	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.57	2.45	2.65	2.56	3.82	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.97	ppb
Vanadium	51-2	0.67	0.60	0.64	0.63	5.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				121		%
Zinc	66-2	18.93	19.09	18.51	18.84	1.57	ppb
Zirconium	90-1	0.34	0.34	0.24	0.31	18.77	ppb
Zirconium	91-1	0.16	0.32	0.28	0.25	34.14	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	224.06	220.00	226.02	223.36	1.37	ppb
Antimony	121-1	0.12	0.12	0.11	0.11	4.42	ppb
Arsenic	75-2	0.34	0.51	0.43	0.42	20.28	ppb
Barium	135-1	57.01	60.32	59.52	58.95	2.93	ppb
Barium	137-1	59.13	60.45	58.33	59.30	1.80	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	11.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	18.96	18.92	19.39	19.09	1.36	ppb
Boron	11-1	21.20	21.95	21.27	21.48	1.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.01	0.07	0.01	512.50	ppb
Cadmium	106-1	-0.83	-0.06	0.90	0.00	23873.01	ppb
Cadmium	108-1	-0.46	-0.57	-0.44	-0.49		ppb
Calcium	43-1	9851.64	10392.41	10538.68	10260.91	3.53	ppb
Calcium	44-1	10447.81	10691.70	10996.49	10712.00	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.59	0.68	0.64	6.88	ppb
Cobalt	59-2	0.35	0.35	0.34	0.34	1.76	ppb
Copper	63-2	0.62	0.67	0.68	0.66	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				117		%
Iron	54-2	1791.56	1796.21	1834.01	1807.26	1.29	ppb
Iron	56-2	1861.17	1880.57	1868.96	1870.24	0.52	ppb
Iron	57-2	1774.53	1780.71	1791.58	1782.28	0.48	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.93	0.93	0.58	ppb
Lead	207-1	0.85	0.90	0.87	0.87	3.09	ppb
Lead	208-1	0.88	0.92	0.90	0.90	2.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	2348.93	2382.69	2389.66	2373.76	0.92	ppb
Manganese	55-2	192.40	192.20	193.25	192.62	0.29	ppb
Molybdenum	94-1	0.32	0.25	0.28	0.28	12.02	ppb
Molybdenum	95-1	0.30	0.28	0.32	0.30	5.77	ppb
Molybdenum	96-1	0.29	0.28	0.31	0.29	4.19	ppb
Molybdenum	97-1	0.34	0.33	0.27	0.31	11.53	ppb
Molybdenum	98-1	0.33	0.31	0.30	0.31	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.58	0.58	0.57	3.16	ppb
Phosphorus	31-2	80.21	51.76	77.91	69.96	22.59	ppb
Potassium	39-2	1907.80	1924.46	1930.28	1920.85	0.61	ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				120		%
Selenium	82-1	0.15	0.41	0.23	0.26	51.31	ppb
Selenium	77-2	0.30	-0.20	-0.20	-0.03		ppb
Selenium	78-2	0.96	0.03	0.42	0.47	98.58	ppb
Silicon	28-1	3683.90	3791.63	3826.62	3767.38	1.97	ppb
Silver	107-1	0.00	0.00	0.00	0.00	231.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	48004.28	47587.88	48313.91	47968.69	0.76	ppb
Strontium	86-1	74.57	77.14	75.48	75.73	1.72	ppb
Strontium	88-1	76.26	78.37	78.20	77.61	1.51	ppb
Sulfur	34-1	-728.80	-90.69	73.65	-248.61		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	-0.04	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.14	0.16	0.15	0.15	6.97	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.08	2.11	2.16	2.11	1.91	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.58	ppb
Vanadium	51-2	0.62	0.61	0.57	0.60	4.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				120		%
Zinc	66-2	14.72	15.77	15.67	15.39	3.76	ppb
Zirconium	90-1	0.41	0.39	0.36	0.39	6.55	ppb
Zirconium	91-1	0.27	0.28	0.33	0.29	11.85	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-08	Instrumnet Name :	P8
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:18:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.36	146.03	141.51	142.30	2.39	ppb
Antimony	121-1	0.15	0.14	0.12	0.14	10.07	ppb
Arsenic	75-2	0.35	0.42	0.35	0.38	10.98	ppb
Barium	135-1	56.36	54.73	57.13	56.07	2.19	ppb
Barium	137-1	55.92	57.35	56.99	56.75	1.32	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	11.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	17.96	20.18	18.95	19.03	5.84	ppb
Boron	11-1	19.41	21.15	20.48	20.35	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.08	-0.03	-0.01		ppb
Cadmium	106-1	0.90	-1.20	-0.68	-0.33		ppb
Cadmium	108-1	-0.52	-0.50	-0.42	-0.48		ppb
Calcium	43-1	9779.33	9567.00	9728.30	9691.54	1.14	ppb
Calcium	44-1	9989.98	9856.46	9823.14	9889.86	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.23	1.37	1.31	1.30	5.64	ppb
Cobalt	59-2	0.42	0.41	0.44	0.42	4.39	ppb
Copper	63-2	0.85	0.92	0.93	0.90	4.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				116		%
Iron	54-2	2171.46	2311.44	2278.98	2253.96	3.25	ppb
Iron	56-2	2236.79	2356.79	2281.26	2291.61	2.65	ppb
Iron	57-2	2190.74	2288.95	2201.48	2227.05	2.42	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-08	Instrumnet Name :	P8
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:18:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.75	4.92	4.82	4.83	1.73	ppb
Lead	207-1	4.67	4.56	4.59	4.61	1.22	ppb
Lead	208-1	4.72	4.79	4.65	4.72	1.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	2216.41	2324.63	2253.72	2264.92	2.43	ppb
Manganese	55-2	231.79	238.18	235.25	235.07	1.36	ppb
Molybdenum	94-1	0.27	0.24	0.26	0.26	5.73	ppb
Molybdenum	95-1	0.29	0.32	0.28	0.29	6.15	ppb
Molybdenum	96-1	0.31	0.27	0.34	0.31	11.71	ppb
Molybdenum	97-1	0.30	0.29	0.31	0.30	3.53	ppb
Molybdenum	98-1	0.30	0.27	0.29	0.29	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.45	0.49	0.45	6.80	ppb
Phosphorus	31-2	72.37	57.01	113.26	80.88	35.95	ppb
Potassium	39-2	1769.22	1854.41	1907.66	1843.76	3.79	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				119		%
Selenium	82-1	0.56	0.02	-0.33	0.08	540.88	ppb
Selenium	77-2	0.28	0.84	1.32	0.81	63.55	ppb
Selenium	78-2	0.02	0.19	0.25	0.15	78.74	ppb
Silicon	28-1	3771.73	3531.35	3632.30	3645.13	3.31	ppb
Silver	107-1	0.01	0.00	0.00	0.00	207.45	ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	45553.83	47428.34	47406.88	46796.35	2.30	ppb
Strontium	86-1	71.54	71.14	74.25	72.31	2.35	ppb
Strontium	88-1	74.03	74.05	74.38	74.15	0.27	ppb
Sulfur	34-1	-428.60	-963.03	-467.72	-619.78		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.06		ppb
Thallium	205-1	-0.06	-0.05	-0.06	-0.06		ppb
Tin	118-1	0.08	0.11	0.10	0.10	11.52	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-08	Instrumnet Name :	P8
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:18:59	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.05	3.03	2.98	3.02	1.16	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	10.81	ppb
Vanadium	51-2	0.67	0.76	0.70	0.71	6.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				120		%
Zinc	66-2	9.48	9.94	9.94	9.79	2.71	ppb
Zirconium	90-1	0.34	0.42	0.32	0.36	13.66	ppb
Zirconium	91-1	0.26	0.64	0.15	0.35	73.54	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-09 Instrumnet Name : P8
 Client Sample ID : A0AP9 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:21:55 DataFile Name : 070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	915.74	916.87	902.90	911.84	0.85	ppb
Antimony	121-1	0.30	0.32	0.31	0.31	2.26	ppb
Arsenic	75-2	1.14	1.39	1.20	1.24	10.38	ppb
Barium	135-1	78.21	80.23	78.84	79.09	1.31	ppb
Barium	137-1	77.64	80.93	80.04	79.54	2.14	ppb
Beryllium	9-1	0.12	0.11	0.13	0.12	7.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	24.36	27.11	26.46	25.97	5.54	ppb
Boron	11-1	27.68	29.12	30.68	29.16	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.27	0.28	0.28	0.28	1.19	ppb
Cadmium	106-1	1.22	1.39	1.15	1.25	9.62	ppb
Cadmium	108-1	-0.37	-0.43	-0.27	-0.36		ppb
Calcium	43-1	19014.22	19212.92	19128.97	19118.70	0.52	ppb
Calcium	44-1	19727.52	19411.06	19033.45	19390.68	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.28	28.14	28.20	28.21	0.25	ppb
Cobalt	59-2	0.95	0.93	0.91	0.93	1.94	ppb
Copper	63-2	11.09	10.85	10.70	10.88	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	54-2	4415.40	4462.63	4398.74	4425.59	0.75	ppb
Iron	56-2	4547.83	4491.11	4492.54	4510.50	0.72	ppb
Iron	57-2	4380.76	4334.05	4283.35	4332.72	1.12	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-09	Instrumnet Name :	P8
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:21:55	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.27	16.78	16.95	17.00	1.48	ppb
Lead	207-1	16.44	15.97	16.68	16.36	2.21	ppb
Lead	208-1	16.74	16.55	16.75	16.68	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	3409.96	3363.81	3246.66	3340.14	2.52	ppb
Manganese	55-2	262.01	260.98	263.16	262.05	0.42	ppb
Molybdenum	94-1	0.49	0.45	0.39	0.44	11.24	ppb
Molybdenum	95-1	0.39	0.36	0.39	0.38	4.13	ppb
Molybdenum	96-1	0.45	0.42	0.39	0.42	6.87	ppb
Molybdenum	97-1	0.40	0.44	0.38	0.41	7.97	ppb
Molybdenum	98-1	0.39	0.43	0.42	0.41	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.37	1.39	1.38	0.76	ppb
Phosphorus	31-2	460.58	369.33	396.20	408.70	11.47	ppb
Potassium	39-2	3171.83	3151.25	3104.00	3142.36	1.11	ppb
Rhodium	103-1				110		%
Rhodium	103-2				114		%
Scandium	45-1				112		%
Scandium	45-2				120		%
Selenium	82-1	0.49	0.78	0.64	0.64	22.97	ppb
Selenium	77-2	2.75	0.30	3.78	2.28	78.38	ppb
Selenium	78-2	0.34	0.32	0.91	0.52	63.78	ppb
Silicon	28-1	5263.43	5286.31	5264.01	5271.25	0.25	ppb
Silver	107-1	0.04	0.04	0.03	0.04	18.83	ppb
Silver	109-1	0.03	0.04	0.03	0.03	7.61	ppb
Sodium	23-2	99195.03	99787.65	95487.27	98156.65	2.37	ppb
Strontium	86-1	115.75	113.56	109.28	112.86	2.92	ppb
Strontium	88-1	118.54	114.03	117.76	116.78	2.06	ppb
Sulfur	34-1	5130.52	4934.71	5015.75	5026.99	1.96	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	-0.04	-0.03	-0.06	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	0.65	0.74	0.71	0.70	6.72	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-09	Instrumnet Name :	P8
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:21:55	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	38.37	38.01	37.90	38.09	0.64	ppb
Uranium	238-1	0.22	0.21	0.23	0.22	2.84	ppb
Vanadium	51-2	2.88	2.88	2.73	2.83	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				121		%
Zinc	66-2	43.46	42.97	42.89	43.10	0.71	ppb
Zirconium	90-1	1.01	1.05	1.09	1.05	3.65	ppb
Zirconium	91-1	0.94	1.05	0.89	0.96	8.36	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:33:41	DataFile Name :	073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54766.26	51704.40	51511.72	52660.80	3.47	ppb
Antimony	121-1	509.38	501.16	502.70	504.41	0.87	ppb
Arsenic	75-2	515.39	493.94	502.67	504.00	2.14	ppb
Barium	135-1	2557.44	2524.01	2528.96	2536.80	0.71	ppb
Barium	137-1	2570.84	2563.66	2593.78	2576.09	0.61	ppb
Beryllium	9-1	487.98	500.96	514.09	501.01	2.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	494.23	512.67	524.99	510.63	3.03	ppb
Boron	11-1	554.00	557.52	573.14	561.55	1.81	ppb
Bromine	81-1						cps
Cadmium	111-1	491.32	491.80	489.96	491.03	0.19	ppb
Cadmium	106-1	505.80	507.24	503.73	505.59	0.35	ppb
Cadmium	108-1	497.00	500.51	497.29	498.27	0.39	ppb
Calcium	43-1	252410.54	250277.00	246141.70	249609.75	1.28	ppb
Calcium	44-1	255116.42	245528.14	241148.90	247264.49	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.18	471.69	482.86	485.24	3.07	ppb
Cobalt	59-2	523.15	489.18	487.60	499.98	4.02	ppb
Copper	63-2	4954.04	4652.43	4587.39	4731.29	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				114		%
Iron	54-2	133678.94	125390.90	123049.44	127373.09	4.38	ppb
Iron	56-2	132415.95	125825.35	124023.33	127421.54	3.47	ppb
Iron	57-2	130631.13	120504.74	123615.36	124917.08	4.15	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:33:41	DataFile Name :	073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2487.01	2563.51	2524.73	2525.08	1.51	ppb
Lead	207-1	2552.88	2724.49	2626.68	2634.68	3.27	ppb
Lead	208-1	2558.44	2659.26	2590.13	2602.61	1.98	ppb
Lithium	6-1				107		%
Magnesium	24-2	264429.18	256501.99	257860.38	259597.18	1.63	ppb
Manganese	55-2	5040.83	4766.06	4777.21	4861.37	3.20	ppb
Molybdenum	94-1	2594.07	2605.46	2569.85	2589.79	0.70	ppb
Molybdenum	95-1	2640.45	2604.40	2579.01	2607.96	1.18	ppb
Molybdenum	96-1	2545.75	2669.18	2526.31	2580.41	3.00	ppb
Molybdenum	97-1	2670.42	2774.24	2558.99	2667.89	4.03	ppb
Molybdenum	98-1	2692.83	2706.69	2593.52	2664.34	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.92	466.93	465.60	474.82	3.12	ppb
Phosphorus	31-2	16669.41	15665.91	15409.34	15914.89	4.18	ppb
Potassium	39-2	130263.58	123546.38	124900.34	126236.77	2.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				122		%
Selenium	82-1	526.23	537.41	523.08	528.91	1.42	ppb
Selenium	77-2	508.18	488.64	483.48	493.43	2.64	ppb
Selenium	78-2	519.97	497.98	516.96	511.64	2.33	ppb
Silicon	28-1	1099.73	1212.65	1318.59	1210.32	9.04	ppb
Silver	107-1	548.07	554.95	534.42	545.81	1.91	ppb
Silver	109-1	543.91	553.64	551.89	549.81	0.94	ppb
Sodium	23-2	269987.66	258097.92	255131.56	261072.38	3.01	ppb
Strontium	86-1	549.85	542.64	556.09	549.53	1.23	ppb
Strontium	88-1	564.25	542.43	548.88	551.85	2.03	ppb
Sulfur	34-1	14585.03	14954.61	13783.19	14440.95	4.15	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	493.88	520.69	516.35	510.31	2.82	ppb
Thallium	205-1	509.92	517.00	512.31	513.08	0.70	ppb
Tin	118-1	502.65	509.64	506.51	506.27	0.69	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:33:41	DataFile Name :	073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2556.09	2512.52	2474.91	2514.51	1.62	ppb
Uranium	238-1	521.46	518.69	514.61	518.25	0.67	ppb
Vanadium	51-2	502.46	487.65	482.89	491.00	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				122		%
Zinc	66-2	5139.79	4899.53	4815.02	4951.45	3.40	ppb
Zirconium	90-1	4991.54	5082.31	4954.61	5009.49	1.31	ppb
Zirconium	91-1	5028.40	5079.68	4975.96	5028.01	1.03	ppb

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB58 Instrumnet Name : P8
 Client Sample ID : CCB58 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:39:51 DataFile Name : 074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.37	4.17	1.60	139.38	ppb
Antimony	121-1	0.05	0.04	0.07	0.06	23.89	ppb
Arsenic	75-2	-0.07	-0.06	-0.05	-0.06		ppb
Barium	135-1	0.02	0.02	0.00	0.02	88.53	ppb
Barium	137-1	0.03	0.01	0.05	0.03	65.23	ppb
Beryllium	9-1	0.01	0.02	0.01	0.02	42.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	22.30	20.77	20.04	21.04	5.50	ppb
Boron	11-1	24.34	22.52	21.79	22.88	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.01	0.00	0.05	153.13	ppb
Cadmium	106-1	1.37	-0.33	-0.27	0.26	371.50	ppb
Cadmium	108-1	-0.54	-0.53	-0.30	-0.46		ppb
Calcium	43-1	-0.56	-1.15	-1.72	-1.15		ppb
Calcium	44-1	10.69	11.67	11.27	11.21	4.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.01	0.14	0.05	168.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				115		%
Iron	54-2	1.04	0.69	5.17	2.30	108.23	ppb
Iron	56-2	1.06	1.00	3.90	1.99	83.56	ppb
Iron	57-2	1.51	0.33	3.77	1.87	93.34	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:39:51	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	2.71	ppb
Lead	207-1	0.11	0.12	0.10	0.11	11.57	ppb
Lead	208-1	0.12	0.13	0.12	0.12	5.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.29	2.37	9.75	4.80	89.22	ppb
Manganese	55-2	0.04	0.01	0.20	0.08	123.74	ppb
Molybdenum	94-1	0.11	0.08	0.07	0.08	23.31	ppb
Molybdenum	95-1	0.08	0.10	0.05	0.08	31.64	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	19.84	ppb
Molybdenum	97-1	0.12	0.05	0.03	0.07	69.50	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-4.78	-4.69	-10.61	-6.69		ppb
Potassium	39-2	11.79	14.94	24.59	17.11	38.98	ppb
Rhodium	103-1				113		%
Rhodium	103-2				115		%
Scandium	45-1				113		%
Scandium	45-2				119		%
Selenium	82-1	0.20	0.17	0.61	0.33	74.95	ppb
Selenium	77-2	-0.20	-0.20	-0.20	-0.20		ppb
Selenium	78-2	0.25	0.08	0.09	0.14	67.89	ppb
Silicon	28-1	-5.22	-6.83	-6.59	-6.21		ppb
Silver	107-1	0.06	0.05	0.09	0.07	27.48	ppb
Silver	109-1	0.04	0.06	0.09	0.06	38.55	ppb
Sodium	23-2	24.31	23.30	25.95	24.52	5.45	ppb
Strontium	86-1	-0.01	0.03	0.05	0.02	140.04	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.36	ppb
Sulfur	34-1	-3285.65	-3210.73	-3138.11	-3211.50		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.01	0.00	91.11	ppb
Tin	118-1	0.13	0.11	0.11	0.11	9.53	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:39:51	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.01	0.02	0.02	25.87	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	45.30	ppb
Vanadium	51-2	0.00	0.01	0.03	0.01	147.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	-0.40	-0.33	-0.28	-0.34		ppb
Zirconium	90-1	0.22	0.12	0.19	0.18	28.21	ppb
Zirconium	91-1	0.11	0.22	0.25	0.20	38.15	ppb

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:01:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	117	120	125	8.17	cps
Antimony	121-1	83	83	67	78	12.37	cps
Arsenic	75-2	27	26	31	28	9.45	cps
Barium	135-1	42	67	83	64	32.83	cps
Barium	137-1	92	58	58	69	27.72	cps
Beryllium	9-1	52	60	54	55	7.53	cps
Bismuth	209-1	7483299	7646966	7622867	7584377	1.17	cps
Bismuth	209-2	4424595	4422940	4467645	4438393	0.57	cps
Boron	10-1	220	226	276	241	12.78	cps
Boron	11-1	1224	1226	1256	1235	1.45	cps
Bromine	81-1	23023	23103	24156	23427	2.70	cps
Cadmium	111-1	5438	6020	5510	5656	5.60	cps
Cadmium	106-1	7719	8561	7886	8055	5.54	cps
Cadmium	108-1	117	117	188	140	29.15	cps
Calcium	43-1	559	535	581	558	4.14	cps
Calcium	44-1	36154	36641	36767	36521	0.89	cps
Carbon	12-1	5808859	5766797	5813813	5796490	0.45	cps
Carbon	12-2	57120	55330	57538	56663	2.07	cps
Chlorine	35-1	2466691	2385958	2283855	2378834	3.85	cps
Chlorine	35-2	12639	13148	13290	13026	2.63	cps
Chromium	52-2	907	1033	1060	1000	8.19	cps
Cobalt	59-2	93	87	103	94	8.88	cps
Copper	63-2	1203	1253	1130	1196	5.19	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	117	117	108	114	4.22	cps
Erbium	164-2	30	27	37	31	16.37	cps
Gadolinium	160-1	100	117	117	111	8.66	cps
Gadolinium	160-2	50	53	53	52	3.68	cps
Holmium	165-1	12960243	13265203	13163152	13129533	1.18	cps
Holmium	165-2	6433532	6467945	6422689	6441389	0.37	cps
Indium	115-1	12176636	11974093	11736253	11962327	1.84	cps
Indium	115-2	1758489	1753589	1750588	1754222	0.23	cps
Iron	54-2	800	600	500	633	24.12	cps
Iron	56-2	4556	4773	4856	4729	3.28	cps
Iron	57-2	128	150	128	135	9.49	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:01:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	997	897	946	5.29	cps
Lead	206-1	1133	1211	1306	1217	7.09	cps
Lead	207-1	995	1011	1278	1095	14.53	cps
Lead	208-1	4534	4917	5023	4825	5.33	cps
Lithium	6-1	4470869	4465747	4264261	4400292	2.68	cps
Magnesium	24-2	350	317	283	317	10.53	cps
Manganese	55-2	253	247	307	269	12.23	cps
Molybdenum	94-1	475	558	408	481	15.64	cps
Molybdenum	95-1	325	275	225	275	18.18	cps
Molybdenum	96-1	492	392	442	442	11.32	cps
Molybdenum	97-1	175	167	125	156	17.22	cps
Molybdenum	98-1	325	358	442	375	16.02	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	110	153	167	143	20.67	cps
Phosphorus	31-2	67	75	50	64	19.92	cps
Potassium	39-2	16677	16226	16660	16521	1.55	cps
Rhodium	103-1	11818127	11936037	11782869	11845678	0.68	cps
Rhodium	103-2	5365520	5172219	5123421	5220387	2.45	cps
Scandium	45-1	9066662	9465276	9181241	9237726	2.22	cps
Scandium	45-2	231962	237833	235534	235110	1.26	cps
Selenium	82-1	-23	-65	94	2	4136.76	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	57	63	58	59	5.42	cps
Silicon	28-1	523217	534999	526786	528334	1.14	cps
Silver	107-1	283	383	475	381	25.19	cps
Silver	109-1	300	333	342	325	6.78	cps
Sodium	23-2	26675	26366	25130	26057	3.14	cps
Strontium	86-1	1517	1425	1558	1500	4.55	cps
Strontium	88-1	783	733	800	772	4.49	cps
Sulfur	34-1	489151	483504	489727	487461	0.71	cps
Terbium	159-1	13811699	14010558	14084955	13969071	1.01	cps
Terbium	159-2	6374424	6288674	6243673	6302257	1.05	cps
Thallium	203-1	1208	1167	1217	1197	2.24	cps
Thallium	205-1	3117	2750	2900	2923	6.31	cps
Tin	118-1	792	742	742	758	3.81	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:01:19	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	325	283	297	8.09	cps
Uranium	238-1	50	67	75	64	19.92	cps
Vanadium	51-2	13	10	17	13	25.01	cps
Ytterbium	172-1	100	33	33	56	69.29	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	2025	1825	1975	1942	5.36	cps
Ytterbium	176-2	2045	2034	2084	2054	1.28	cps
Yttrium	89-1	29803803	29140561	29424748	29456371	1.13	cps
Yttrium	89-2	2803664	2798087	2826270	2809340	0.53	cps
Zinc	66-2	523	607	547	559	7.69	cps
Zirconium	90-1	1200	958	1225	1128	13.06	cps
Zirconium	91-1	225	258	192	225	14.82	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:07:28	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1674	1607	1655	1645	2.08	cps
Antimony	121-1	19965	20808	19606	20126	3.07	cps
Arsenic	75-2	284	312	316	304	5.74	cps
Barium	135-1	27370	27261	26827	27153	1.06	cps
Barium	137-1	47819	45786	46238	46614	2.29	cps
Beryllium	9-1	3172	3348	3168	3229	3.18	cps
Bismuth	209-1	7493306	7653904	7578735	7575315	1.06	cps
Bismuth	209-2	4485622	4428893	4317228	4410581	1.94	cps
Boron	10-1	8123	8235	8563	8307	2.75	cps
Boron	11-1	36189	37518	39912	37873	4.98	cps
Bromine	81-1	24416	24777	24487	24560	0.78	cps
Cadmium	111-1	8601	8979	8384	8654	3.48	cps
Cadmium	106-1	8561	8820	8419	8600	2.36	cps
Cadmium	108-1	358	279	342	326	12.79	cps
Calcium	43-1	21600	21899	21692	21730	0.70	cps
Calcium	44-1	377562	378210	379822	378531	0.31	cps
Carbon	12-1	5872852	6011395	5988838	5957695	1.25	cps
Carbon	12-2	58793	59052	60048	59298	1.12	cps
Chlorine	35-1	2178571	2037141	2021710	2079141	4.16	cps
Chlorine	35-2	11555	11763	11096	11471	2.98	cps
Chromium	52-2	7302	7142	7529	7324	2.65	cps
Cobalt	59-2	5891	5801	5685	5792	1.79	cps
Copper	63-2	10200	10054	10127	10127	0.72	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	100	67	83	20.00	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	125	150	117	131	13.29	cps
Gadolinium	160-2	30	37	47	38	22.21	cps
Holmium	165-1	13299154	13149152	13090837	13179714	0.82	cps
Holmium	165-2	6521900	6107988	6200679	6276856	3.46	cps
Indium	115-1	11939609	11984459	11883985	11936018	0.42	cps
Indium	115-2	1769735	1675080	1729284	1724700	2.75	cps
Iron	54-2	7686	7847	7691	7741	1.18	cps
Iron	56-2	131243	130155	131753	131050	0.62	cps
Iron	57-2	3378	3400	3300	3360	1.56	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:07:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	903	833	879	4.49	cps
Lead	206-1	8408	8403	8725	8512	2.17	cps
Lead	207-1	7252	7586	6891	7243	4.80	cps
Lead	208-1	33657	33979	33829	33822	0.48	cps
Lithium	6-1	4657875	4427835	4492663	4526124	2.62	cps
Magnesium	24-2	112104	110468	109611	110728	1.14	cps
Manganese	55-2	1860	1760	1903	1841	3.99	cps
Molybdenum	94-1	26225	25482	26267	25992	1.70	cps
Molybdenum	95-1	32581	31428	31286	31765	2.24	cps
Molybdenum	96-1	35162	34987	34644	34931	0.75	cps
Molybdenum	97-1	19815	19214	20098	19709	2.29	cps
Molybdenum	98-1	50710	50208	49272	50063	1.46	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1890	1893	1783	1856	3.37	cps
Phosphorus	31-2	133	50	75	86	49.66	cps
Potassium	39-2	93502	94224	95784	94503	1.23	cps
Rhodium	103-1	11796287	11910621	11802757	11836555	0.54	cps
Rhodium	103-2	5295526	5134133	5114442	5181367	1.92	cps
Scandium	45-1	9241857	9323679	8923690	9163076	2.31	cps
Scandium	45-2	239323	230969	233218	234503	1.84	cps
Selenium	82-1	1120	1138	1289	1183	7.87	cps
Selenium	77-2	30	33	20	28	24.98	cps
Selenium	78-2	148	143	144	145	1.82	cps
Silicon	28-1	634955	639746	641680	638794	0.54	cps
Silver	107-1	14800	14658	14683	14714	0.51	cps
Silver	109-1	14083	13824	13599	13835	1.75	cps
Sodium	23-2	244495	239292	241882	241890	1.08	cps
Strontium	86-1	5701	6693	5735	6043	9.32	cps
Strontium	88-1	39089	37643	39164	38632	2.22	cps
Sulfur	34-1	508187	502462	489625	500091	1.90	cps
Terbium	159-1	13760058	14095327	13729614	13861666	1.46	cps
Terbium	159-2	6445338	6163525	6235990	6281618	2.33	cps
Thallium	203-1	10087	9620	9871	9860	2.37	cps
Thallium	205-1	24474	24073	24799	24449	1.49	cps
Tin	118-1	45777	46655	45944	46125	1.01	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:07:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11080	9979	9704	10254	7.10	cps
Uranium	238-1	25693	25468	26512	25891	2.12	cps
Vanadium	51-2	12759	12385	12425	12523	1.64	cps
Ytterbium	172-1	42	25	33	33	25.01	cps
Ytterbium	172-2	28	6	17	17	66.65	cps
Ytterbium	176-1	1975	1909	1750	1878	6.16	cps
Ytterbium	176-2	1817	2128	1989	1978	7.88	cps
Yttrium	89-1	29312680	28788315	29147172	29082722	0.92	cps
Yttrium	89-2	2878855	2792011	2787567	2819478	1.83	cps
Zinc	66-2	1580	1683	1903	1722	9.59	cps
Zirconium	90-1	22577	22385	23236	22733	1.96	cps
Zirconium	91-1	4726	4926	5143	4932	4.23	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:10:33 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74552	74550	74924	74675	0.29	cps
Antimony	121-1	522716	532029	534451	529732	1.17	cps
Arsenic	75-2	14739	14592	14538	14623	0.71	cps
Barium	135-1	670841	686119	698236	685065	2.00	cps
Barium	137-1	1187065	1177175	1204605	1189615	1.17	cps
Beryllium	9-1	160329	164186	162031	162182	1.19	cps
Bismuth	209-1	7779439	7856836	7672081	7769452	1.19	cps
Bismuth	209-2	4597386	4491989	4604955	4564776	1.38	cps
Boron	10-1	16132	16882	18064	17026	5.72	cps
Boron	11-1	74029	78309	82466	78268	5.39	cps
Bromine	81-1	24386	23795	23243	23808	2.40	cps
Cadmium	111-1	153407	157919	155501	155609	1.45	cps
Cadmium	106-1	24072	24038	24681	24264	1.49	cps
Cadmium	108-1	11480	11117	11413	11337	1.70	cps
Calcium	43-1	241533	245522	244561	243872	0.85	cps
Calcium	44-1	3522274	3616412	3514755	3551147	1.60	cps
Carbon	12-1	6492480	6466548	6448449	6469159	0.34	cps
Carbon	12-2	65346	64132	64994	64824	0.96	cps
Chlorine	35-1	2097505	2038924	1990887	2042439	2.61	cps
Chlorine	35-2	11280	11505	11605	11463	1.45	cps
Chromium	52-2	160520	159994	160652	160389	0.22	cps
Cobalt	59-2	290773	293685	290166	291542	0.65	cps
Copper	63-2	2451693	2437271	2345620	2411528	2.39	cps
Dysprosium	156-1	33	58	75	56	37.75	cps
Dysprosium	156-2	17	10	13	13	25.01	cps
Erbium	164-1	92	100	108	100	8.33	cps
Erbium	164-2	50	30	40	40	25.00	cps
Gadolinium	160-1	142	142	133	139	3.46	cps
Gadolinium	160-2	73	53	43	57	26.96	cps
Holmium	165-1	13453751	13856060	13395381	13568397	1.85	cps
Holmium	165-2	6669341	6361363	6581822	6537509	2.43	cps
Indium	115-1	12042365	12550579	12174287	12255744	2.15	cps
Indium	115-2	1783700	1805089	1779692	1789494	0.76	cps
Iron	54-2	355079	351155	348957	351730	0.88	cps
Iron	56-2	6383048	6405192	6226075	6338105	1.54	cps
Iron	57-2	158971	158634	157398	158334	0.52	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:10:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	940	990	968	2.63	cps
Lead	206-1	1896414	1959494	1939060	1931656	1.67	cps
Lead	207-1	1570763	1598782	1708200	1625915	4.47	cps
Lead	208-1	7533662	7694898	7827584	7685381	1.92	cps
Lithium	6-1	4725155	4577700	4546047	4616301	2.07	cps
Magnesium	24-2	1159992	1136468	1109927	1135462	2.21	cps
Manganese	55-2	778475	780873	758848	772732	1.56	cps
Molybdenum	94-1	1318889	1321840	1288216	1309648	1.42	cps
Molybdenum	95-1	1604600	1628918	1577272	1603597	1.61	cps
Molybdenum	96-1	1774183	1815789	1762884	1784285	1.56	cps
Molybdenum	97-1	971331	997693	972826	980617	1.51	cps
Molybdenum	98-1	2587425	2614472	2577549	2593149	0.74	cps
Neodymium	150-1	20	47	27	31	44.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	82021	80754	81569	81448	0.79	cps
Phosphorus	31-2	2642	2842	2500	2661	6.45	cps
Potassium	39-2	430718	429866	430672	430419	0.11	cps
Rhodium	103-1	12224044	12394191	11820780	12146338	2.42	cps
Rhodium	103-2	5395117	5326454	5288140	5336570	1.02	cps
Scandium	45-1	9228945	9379004	9136667	9248205	1.32	cps
Scandium	45-2	240452	237224	241929	239868	1.00	cps
Selenium	82-1	11540	11554	11510	11535	0.19	cps
Selenium	77-2	280	283	267	277	3.19	cps
Selenium	78-2	1089	1047	1041	1059	2.47	cps
Silicon	28-1	981986	1000977	1005012	995992	1.23	cps
Silver	107-1	761365	770515	770134	767338	0.67	cps
Silver	109-1	735981	754171	740128	743427	1.28	cps
Sodium	23-2	2240321	2207072	2169472	2205622	1.61	cps
Strontium	86-1	2057627	2057830	2098198	2071218	1.13	cps
Strontium	88-1	17774477	17535894	17780969	17697113	0.79	cps
Sulfur	34-1	549427	554245	549497	551056	0.50	cps
Terbium	159-1	14057902	14392500	14231937	14227446	1.18	cps
Terbium	159-2	6525266	6490266	6411614	6475715	0.90	cps
Thallium	203-1	447772	456927	452004	452234	1.01	cps
Thallium	205-1	1055169	1094137	1094248	1081185	2.08	cps
Tin	118-1	489126	482335	482135	484532	0.82	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:10:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	505768	521442	515464	514225	1.54	cps
Uranium	238-1	1361752	1370958	1381549	1371420	0.72	cps
Vanadium	51-2	124477	122993	119238	122236	2.21	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	28	11	11	17	57.75	cps
Ytterbium	176-1	3609	3584	3851	3681	4.00	cps
Ytterbium	176-2	2911	3017	2773	2900	4.23	cps
Yttrium	89-1	29585715	30120752	30019371	29908613	0.95	cps
Yttrium	89-2	2945774	2848226	2860844	2884948	1.84	cps
Zinc	66-2	251183	251058	246901	249714	0.98	cps
Zirconium	90-1	1122889	1157031	1153146	1144355	1.63	cps
Zirconium	91-1	249816	255236	251426	252159	1.10	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:13:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179909	181111	178890	179970	0.62	cps
Antimony	121-1	1296713	1320120	1326216	1314349	1.19	cps
Arsenic	75-2	35608	35424	35110	35381	0.71	cps
Barium	135-1	1750036	1782427	1774524	1768996	0.95	cps
Barium	137-1	2981038	3041670	2993301	3005336	1.07	cps
Beryllium	9-1	391317	397797	397800	395638	0.95	cps
Bismuth	209-1	7561243	7881520	7745627	7729463	2.08	cps
Bismuth	209-2	4423511	4488106	4542489	4484702	1.33	cps
Boron	10-1	39004	41611	42860	41158	4.78	cps
Boron	11-1	172589	192945	193022	186185	6.32	cps
Bromine	81-1	23514	22932	23655	23367	1.64	cps
Cadmium	111-1	379055	378537	377367	378320	0.23	cps
Cadmium	106-1	48218	48411	48177	48268	0.26	cps
Cadmium	108-1	26718	27782	27695	27398	2.16	cps
Calcium	43-1	587197	591886	596696	591926	0.80	cps
Calcium	44-1	8655974	8435339	8753983	8615099	1.89	cps
Carbon	12-1	6389671	6359656	6285626	6344984	0.84	cps
Carbon	12-2	63287	62676	63254	63072	0.54	cps
Chlorine	35-1	2080240	2051225	1995300	2042255	2.11	cps
Chlorine	35-2	11997	10629	10496	11041	7.53	cps
Chromium	52-2	383146	388973	388722	386947	0.85	cps
Cobalt	59-2	717559	702072	706169	708600	1.13	cps
Copper	63-2	5690760	5614777	5690083	5665207	0.77	cps
Dysprosium	156-1	75	75	17	56	60.62	cps
Dysprosium	156-2	10	17	27	18	47.19	cps
Erbium	164-1	125	58	108	97	35.68	cps
Erbium	164-2	60	40	53	51	19.92	cps
Gadolinium	160-1	175	125	175	158	18.23	cps
Gadolinium	160-2	90	77	73	80	11.02	cps
Holmium	165-1	13595831	13534151	13444399	13524794	0.56	cps
Holmium	165-2	6645272	6477069	6522029	6548124	1.33	cps
Indium	115-1	11959351	11863274	12147180	11989935	1.20	cps
Indium	115-2	1725659	1725586	1778475	1743240	1.75	cps
Iron	54-2	849809	841092	840328	843743	0.62	cps
Iron	56-2	15513972	15120091	15128540	15254201	1.48	cps
Iron	57-2	386666	381060	381510	383079	0.81	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:13:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	923	1047	962	7.61	cps
Lead	206-1	4802675	4873755	4970270	4882233	1.72	cps
Lead	207-1	4179531	4206233	4297341	4227702	1.46	cps
Lead	208-1	19037422	19068552	19321343	19142439	0.81	cps
Lithium	6-1	4602436	4618648	4599504	4606863	0.22	cps
Magnesium	24-2	2793649	2804469	2799298	2799139	0.19	cps
Manganese	55-2	1928349	1905836	1841353	1891846	2.39	cps
Molybdenum	94-1	3184794	3300003	3302583	3262460	2.06	cps
Molybdenum	95-1	3999699	4024977	3936030	3986902	1.15	cps
Molybdenum	96-1	4443437	4487939	4356733	4429369	1.51	cps
Molybdenum	97-1	2403695	2515639	2440940	2453425	2.32	cps
Molybdenum	98-1	6257422	6473355	6243225	6324667	2.04	cps
Neodymium	150-1	113	60	73	82	33.76	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	197468	193390	197882	196247	1.27	cps
Phosphorus	31-2	6243	5943	6227	6138	2.75	cps
Potassium	39-2	1018691	1018229	1002851	1013257	0.89	cps
Rhodium	103-1	11456882	12013691	11699618	11723397	2.38	cps
Rhodium	103-2	5132382	5267837	5266226	5222149	1.49	cps
Scandium	45-1	9025526	8993457	9255120	9091368	1.57	cps
Scandium	45-2	232810	230970	235510	233097	0.98	cps
Selenium	82-1	28060	28173	27650	27961	0.99	cps
Selenium	77-2	777	737	723	746	3.72	cps
Selenium	78-2	2448	2419	2359	2409	1.88	cps
Silicon	28-1	1576311	1607428	1619521	1601086	1.39	cps
Silver	107-1	1965504	1968095	1999223	1977607	0.95	cps
Silver	109-1	1829691	1863208	1828172	1840357	1.08	cps
Sodium	23-2	5306293	5229275	5117640	5217736	1.82	cps
Strontium	86-1	5016360	5161226	5137346	5104977	1.52	cps
Strontium	88-1	44144384	44284920	43949156	44126153	0.38	cps
Sulfur	34-1	600109	605228	603198	602845	0.43	cps
Terbium	159-1	13981274	13688090	13986895	13885420	1.23	cps
Terbium	159-2	6251866	6407399	6459827	6373031	1.70	cps
Thallium	203-1	1115180	1138560	1138559	1130766	1.19	cps
Thallium	205-1	2808230	2775698	2908834	2830921	2.45	cps
Tin	118-1	1194741	1202490	1192489	1196573	0.44	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:13:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1244799	1238829	1233922	1239184	0.44	cps
Uranium	238-1	3601132	3651454	3560388	3604325	1.27	cps
Vanadium	51-2	299428	299191	293942	297521	1.04	cps
Ytterbium	172-1	17	8	50	25	88.19	cps
Ytterbium	172-2	17	22	0	13	89.21	cps
Ytterbium	176-1	6644	6360	6777	6594	3.23	cps
Ytterbium	176-2	4217	4401	4123	4247	3.33	cps
Yttrium	89-1	28875731	29889312	29054082	29273042	1.85	cps
Yttrium	89-2	2805162	2854735	2821459	2827119	0.89	cps
Zinc	66-2	601631	600339	590026	597332	1.06	cps
Zirconium	90-1	2886414	2847517	2791421	2841784	1.68	cps
Zirconium	91-1	612844	622222	628832	621299	1.29	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357004	354123	350282	353803	0.95	cps
Antimony	121-1	2703770	2666038	2628551	2666120	1.41	cps
Arsenic	75-2	70369	70398	70518	70428	0.11	cps
Barium	135-1	3589545	3454571	3467812	3503976	2.12	cps
Barium	137-1	5993791	5980829	5937060	5970560	0.50	cps
Beryllium	9-1	784445	780575	782970	782663	0.25	cps
Bismuth	209-1	7600762	7657011	7758800	7672191	1.04	cps
Bismuth	209-2	4400863	4483611	4462244	4448906	0.97	cps
Boron	10-1	77836	83690	84972	82166	4.63	cps
Boron	11-1	351927	378953	387362	372747	4.97	cps
Bromine	81-1	23033	22161	22211	22468	2.18	cps
Cadmium	111-1	724521	744082	748375	738993	1.72	cps
Cadmium	106-1	83611	84886	84543	84347	0.78	cps
Cadmium	108-1	54696	54570	53830	54365	0.86	cps
Calcium	43-1	1163890	1211045	1200770	1191902	2.08	cps
Calcium	44-1	17257041	17308239	17266127	17277136	0.16	cps
Carbon	12-1	6418686	6406655	6344388	6389910	0.62	cps
Carbon	12-2	63948	63078	62952	63326	0.86	cps
Chlorine	35-1	1952342	1911911	1797328	1887194	4.26	cps
Chlorine	35-2	10154	9962	9787	9968	1.84	cps
Chromium	52-2	765649	765543	759756	763649	0.44	cps
Cobalt	59-2	1393806	1462456	1374775	1410345	3.27	cps
Copper	63-2	11169070	11195168	11170060	11178099	0.13	cps
Dysprosium	156-1	125	167	125	139	17.32	cps
Dysprosium	156-2	17	57	73	49	59.56	cps
Erbium	164-1	133	75	100	103	28.48	cps
Erbium	164-2	43	40	30	38	18.36	cps
Gadolinium	160-1	308	233	158	233	32.14	cps
Gadolinium	160-2	127	140	110	126	11.97	cps
Holmium	165-1	13547626	13400030	13727600	13558419	1.21	cps
Holmium	165-2	6449713	6544805	6487358	6493959	0.74	cps
Indium	115-1	12084124	12050676	12231866	12122222	0.80	cps
Indium	115-2	1727121	1684831	1743752	1718568	1.77	cps
Iron	54-2	1714125	1709398	1752917	1725480	1.38	cps
Iron	56-2	30350131	30530472	30555222	30478608	0.37	cps
Iron	57-2	759669	758350	760099	759373	0.12	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	943	897	950	6.00	cps
Lead	206-1	9771951	9603481	9787471	9720968	1.05	cps
Lead	207-1	8300413	8167474	8546584	8338157	2.31	cps
Lead	208-1	37782707	37849546	38616997	38083083	1.22	cps
Lithium	6-1	4611564	4544649	4511296	4555837	1.12	cps
Magnesium	24-2	5516007	5374642	5259458	5383369	2.39	cps
Manganese	55-2	3701602	3745238	3783202	3743347	1.09	cps
Molybdenum	94-1	6464231	6579917	6617051	6553733	1.22	cps
Molybdenum	95-1	7968466	8001476	8055801	8008581	0.55	cps
Molybdenum	96-1	8778542	8696521	8855753	8776938	0.91	cps
Molybdenum	97-1	4772433	4827413	4871093	4823646	1.02	cps
Molybdenum	98-1	12472431	12608784	12795120	12625445	1.28	cps
Neodymium	150-1	173	153	193	173	11.54	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	380535	386457	384731	383907	0.79	cps
Phosphorus	31-2	12739	11630	11338	11902	6.21	cps
Potassium	39-2	2021372	2003776	2019712	2014953	0.48	cps
Rhodium	103-1	11697649	11787062	11844656	11776456	0.63	cps
Rhodium	103-2	5165305	5116280	5149185	5143590	0.49	cps
Scandium	45-1	9069216	9138449	9017667	9075111	0.67	cps
Scandium	45-2	231005	232259	231543	231603	0.27	cps
Selenium	82-1	55218	56002	55785	55668	0.73	cps
Selenium	77-2	1233	1430	1363	1342	7.45	cps
Selenium	78-2	4779	4868	4817	4822	0.93	cps
Silicon	28-1	2569230	2658315	2647001	2624849	1.85	cps
Silver	107-1	3771556	3834002	3737696	3781085	1.29	cps
Silver	109-1	3587941	3723855	3687917	3666571	1.92	cps
Sodium	23-2	10331842	10369584	10058515	10253314	1.66	cps
Strontium	86-1	10146427	10295872	9932015	10124771	1.81	cps
Strontium	88-1	87625594	88073660	86377335	87358863	1.01	cps
Sulfur	34-1	679578	688211	686617	684802	0.67	cps
Terbium	159-1	14038700	14238973	14417306	14231659	1.33	cps
Terbium	159-2	6438476	6100622	6378347	6305815	2.86	cps
Thallium	203-1	2405909	2366667	2416364	2396313	1.09	cps
Thallium	205-1	5634852	5646061	5735055	5671989	0.97	cps
Tin	118-1	2466317	2452265	2434382	2450988	0.65	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:16:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2456355	2487165	2485639	2476386	0.70	cps
Uranium	238-1	7004811	7139128	7222412	7122117	1.54	cps
Vanadium	51-2	589469	588651	588714	588945	0.08	cps
Ytterbium	172-1	42	50	33	42	20.00	cps
Ytterbium	172-2	39	17	28	28	39.99	cps
Ytterbium	176-1	11530	12223	11697	11817	3.06	cps
Ytterbium	176-2	6630	6880	7147	6885	3.75	cps
Yttrium	89-1	29277856	30049734	29349111	29558900	1.44	cps
Yttrium	89-2	2797838	2784987	2806144	2796323	0.38	cps
Zinc	66-2	1198784	1187821	1190712	1192439	0.48	cps
Zirconium	90-1	5561778	5670582	5574733	5602364	1.06	cps
Zirconium	91-1	1228038	1237435	1258442	1241305	1.25	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:19:46 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	713484	704090	706220	707931	0.70	cps
Antimony	121-1	5429189	5424289	5456036	5436505	0.31	cps
Arsenic	75-2	142853	142145	140679	141892	0.78	cps
Barium	135-1	7117014	7179444	7102043	7132834	0.58	cps
Barium	137-1	12485501	12316234	12318613	12373449	0.78	cps
Beryllium	9-1	1590870	1536268	1577063	1568067	1.81	cps
Bismuth	209-1	7727470	8051989	7866725	7882061	2.07	cps
Bismuth	209-2	4572332	4594862	4453137	4540111	1.68	cps
Boron	10-1	156083	164929	170641	163884	4.48	cps
Boron	11-1	725253	755054	781290	753866	3.72	cps
Bromine	81-1	22892	23354	22912	23053	1.13	cps
Cadmium	111-1	1512177	1478317	1516179	1502224	1.38	cps
Cadmium	106-1	167058	166524	168176	167253	0.50	cps
Cadmium	108-1	109758	110779	111236	110591	0.68	cps
Calcium	43-1	2533303	2481515	2459224	2491348	1.53	cps
Calcium	44-1	36244675	34931554	35172907	35449712	1.97	cps
Carbon	12-1	6435125	6481206	6616853	6511062	1.45	cps
Carbon	12-2	66685	65287	65020	65664	1.36	cps
Chlorine	35-1	1933871	1842966	1812489	1863109	3.39	cps
Chlorine	35-2	9470	9920	9837	9742	2.46	cps
Chromium	52-2	1613224	1625787	1557654	1598889	2.27	cps
Cobalt	59-2	2842711	2901451	2862765	2868975	1.04	cps
Copper	63-2	22587323	22245841	22208673	22347279	0.93	cps
Dysprosium	156-1	300	217	342	286	22.25	cps
Dysprosium	156-2	83	147	93	108	31.59	cps
Erbium	164-1	50	108	125	94	41.70	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	317	408	250	325	24.46	cps
Gadolinium	160-2	163	157	190	170	10.37	cps
Holmium	165-1	13981517	14311329	14494849	14262565	1.82	cps
Holmium	165-2	6759408	6694480	6674162	6709350	0.66	cps
Indium	115-1	12294462	12286992	12682534	12421329	1.82	cps
Indium	115-2	1752776	1742753	1728762	1741431	0.69	cps
Iron	54-2	3436803	3533618	3452075	3474165	1.50	cps
Iron	56-2	61367986	60722053	61917389	61335809	0.98	cps
Iron	57-2	1609101	1588161	1615341	1604201	0.89	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:19:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	927	950	993	9.66	cps
Lead	206-1	19697013	19618222	19752116	19689117	0.34	cps
Lead	207-1	16675744	16667099	17370581	16904475	2.39	cps
Lead	208-1	77128398	77615383	79220876	77988219	1.40	cps
Lithium	6-1	4531056	4517128	4630928	4559704	1.36	cps
Magnesium	24-2	10852543	10801209	10759852	10804535	0.43	cps
Manganese	55-2	7495800	7522074	7584163	7534012	0.60	cps
Molybdenum	94-1	13296994	13492523	13219764	13336427	1.05	cps
Molybdenum	95-1	16150977	16327405	16312744	16263709	0.60	cps
Molybdenum	96-1	18124223	17810683	18417480	18117462	1.67	cps
Molybdenum	97-1	9876442	9624607	9990210	9830420	1.90	cps
Molybdenum	98-1	25597258	25509247	25591914	25566140	0.19	cps
Neodymium	150-1	293	253	300	282	8.94	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	772982	771981	760302	768422	0.92	cps
Phosphorus	31-2	26283	24321	23920	24841	5.09	cps
Potassium	39-2	3959475	3990949	3985117	3978514	0.42	cps
Rhodium	103-1	11953067	12011329	11994505	11986301	0.25	cps
Rhodium	103-2	5091128	5252172	5156186	5166496	1.57	cps
Scandium	45-1	9325532	9261576	9605932	9397680	1.95	cps
Scandium	45-2	237456	237259	235610	236775	0.43	cps
Selenium	82-1	111552	111284	113535	112124	1.10	cps
Selenium	77-2	3004	3024	2777	2935	4.67	cps
Selenium	78-2	9432	9555	9507	9498	0.65	cps
Silicon	28-1	4627046	4650953	4949584	4742528	3.79	cps
Silver	107-1	7745516	7494168	7869831	7703172	2.48	cps
Silver	109-1	7383582	7581185	7407594	7457454	1.45	cps
Sodium	23-2	20928891	20345244	20323455	20532530	1.67	cps
Strontium	86-1	20542759	20940342	20884666	20789255	1.04	cps
Strontium	88-1	178171721	180926512	178643762	179247332	0.82	cps
Sulfur	34-1	894299	891423	893739	893154	0.17	cps
Terbium	159-1	14969639	14971416	14708332	14883129	1.02	cps
Terbium	159-2	6553406	6577366	6625925	6585566	0.56	cps
Thallium	203-1	4934797	4881398	4765360	4860518	1.78	cps
Thallium	205-1	11371344	11346859	11447559	11388587	0.46	cps
Tin	118-1	4882402	4873716	4943087	4899735	0.77	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:19:46	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5081115	5000287	5047472	5042958	0.81	cps
Uranium	238-1	14466860	14936839	14603553	14669084	1.65	cps
Vanadium	51-2	1204176	1181387	1181987	1189183	1.09	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	28	11	33	24	48.04	cps
Ytterbium	176-1	22962	21811	22286	22353	2.59	cps
Ytterbium	176-2	11566	11778	11322	11555	1.98	cps
Yttrium	89-1	30965109	30339975	30430927	30578670	1.10	cps
Yttrium	89-2	2867669	2861310	2858380	2862453	0.17	cps
Zinc	66-2	2496292	2393231	2396284	2428603	2.41	cps
Zirconium	90-1	11694371	11374755	11437772	11502300	1.47	cps
Zirconium	91-1	2625609	2595980	2522815	2581468	2.05	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:22:52 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1488406	1475525	1408196	1457376	2.96	cps
Antimony	121-1	10694604	10870419	10766235	10777086	0.82	cps
Arsenic	75-2	292550	288343	288235	289710	0.85	cps
Barium	135-1	13919464	14297764	14225572	14147600	1.42	cps
Barium	137-1	24433898	24419151	24155961	24336337	0.64	cps
Beryllium	9-1	2894963	2899000	2935073	2909679	0.76	cps
Bismuth	209-1	7807681	7488205	7698251	7664712	2.12	cps
Bismuth	209-2	4305736	4346361	4612879	4421658	3.77	cps
Boron	10-1	309382	318573	330398	319451	3.30	cps
Boron	11-1	1284225	1294195	1387884	1322101	4.33	cps
Bromine	81-1	24667	24867	24978	24837	0.64	cps
Cadmium	111-1	2963539	2944376	2959677	2955864	0.34	cps
Cadmium	106-1	321191	324476	317128	320932	1.15	cps
Cadmium	108-1	216240	212762	215369	214791	0.84	cps
Calcium	43-1	4836940	4765305	4742917	4781720	1.03	cps
Calcium	44-1	69028488	68829494	68170601	68676194	0.65	cps
Carbon	12-1	6641883	6723079	7082948	6815970	3.44	cps
Carbon	12-2	69054	71131	70344	70177	1.49	cps
Chlorine	35-1	1848238	1802600	1769647	1806829	2.18	cps
Chlorine	35-2	9970	9829	9578	9792	2.03	cps
Chromium	52-2	3235561	3134345	3231008	3200305	1.79	cps
Cobalt	59-2	5730468	5638279	5635686	5668144	0.95	cps
Copper	63-2	45899361	44003219	44500771	44801117	2.19	cps
Dysprosium	156-1	517	542	442	500	10.41	cps
Dysprosium	156-2	217	327	233	259	22.90	cps
Erbium	164-1	200	200	125	175	24.75	cps
Erbium	164-2	80	90	70	80	12.50	cps
Gadolinium	160-1	592	583	583	586	0.82	cps
Gadolinium	160-2	253	293	260	269	7.97	cps
Holmium	165-1	14229066	14053597	14146008	14142890	0.62	cps
Holmium	165-2	6429468	6555943	6853281	6612897	3.29	cps
Indium	115-1	12270872	12286855	12094282	12217337	0.87	cps
Indium	115-2	1682043	1725384	1768816	1725414	2.51	cps
Iron	54-2	7025631	6791344	6980282	6932419	1.79	cps
Iron	56-2	126809422	124371628	124617725	125266258	1.07	cps
Iron	57-2	3254975	3100178	3142295	3165816	2.53	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:22:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1043	980	992	4.66	cps
Lead	206-1	37940308	38777076	39226212	38647865	1.69	cps
Lead	207-1	33259908	32836706	33573276	33223297	1.11	cps
Lead	208-1	152068349	151357112	153771615	152399025	0.81	cps
Lithium	6-1	4307223	4265294	4248163	4273560	0.71	cps
Magnesium	24-2	21758756	21491589	21183253	21477866	1.34	cps
Manganese	55-2	15563689	15273309	15380740	15405913	0.95	cps
Molybdenum	94-1	26684616	26218128	26407874	26436872	0.89	cps
Molybdenum	95-1	31814803	32397426	32491883	32234704	1.14	cps
Molybdenum	96-1	35511237	36658539	36554420	36241399	1.75	cps
Molybdenum	97-1	19593930	19755524	19808935	19719463	0.57	cps
Molybdenum	98-1	51277100	51583140	51620290	51493510	0.37	cps
Neodymium	150-1	653	527	580	587	10.84	cps
Neodymium	150-2	40	23	10	24	61.49	cps
Nickel	60-2	1610282	1630967	1592978	1611409	1.18	cps
Phosphorus	31-2	47746	49703	48875	48774	2.01	cps
Potassium	39-2	7964401	7901793	7905184	7923793	0.44	cps
Rhodium	103-1	11560433	11719318	11826240	11701997	1.14	cps
Rhodium	103-2	4900663	5152353	5170626	5074547	2.97	cps
Scandium	45-1	9394962	9240173	9242699	9292611	0.95	cps
Scandium	45-2	228382	233892	240102	234125	2.50	cps
Selenium	82-1	219671	221114	220877	220554	0.35	cps
Selenium	77-2	5588	5685	5658	5643	0.88	cps
Selenium	78-2	19216	18986	19233	19145	0.72	cps
Silicon	28-1	8538565	8898910	8856510	8764662	2.25	cps
Silver	107-1	15212322	15540877	15321660	15358286	1.09	cps
Silver	109-1	14082142	14276141	14099412	14152565	0.76	cps
Sodium	23-2	40954983	41521453	39795582	40757339	2.16	cps
Strontium	86-1	41226833	42151539	41482887	41620420	1.15	cps
Strontium	88-1	364226900	363613925	355974916	361271914	1.27	cps
Sulfur	34-1	1130240	1113657	1113252	1119050	0.87	cps
Terbium	159-1	14799429	14806718	14639972	14748706	0.64	cps
Terbium	159-2	6167686	6503788	6896442	6522639	5.59	cps
Thallium	203-1	9221472	9343978	9378031	9314494	0.88	cps
Thallium	205-1	21789732	22580008	22612808	22327516	2.09	cps
Tin	118-1	9620959	9677081	9588869	9628970	0.46	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:22:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9961516	10029103	9757695	9916104	1.42	cps
Uranium	238-1	28006729	28454652	28690023	28383801	1.22	cps
Vanadium	51-2	2506490	2435091	2474040	2471873	1.45	cps
Ytterbium	172-1	58	58	42	53	18.23	cps
Ytterbium	172-2	17	39	17	24	53.28	cps
Ytterbium	176-1	41491	42754	42428	42224	1.55	cps
Ytterbium	176-2	22169	22709	22280	22386	1.27	cps
Yttrium	89-1	30382932	30605908	31402717	30797186	1.74	cps
Yttrium	89-2	2793792	2920788	2907737	2874106	2.43	cps
Zinc	66-2	4895267	4763263	4722901	4793811	1.88	cps
Zirconium	90-1	23411802	23142153	23034236	23196064	0.84	cps
Zirconium	91-1	5095913	5086127	5096024	5092688	0.11	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:25:55 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7477923	7203687	7378159	7353257	1.89	cps
Antimony	121-1	6218	6051	7060	6443	8.39	cps
Arsenic	75-2	126	127	125	126	0.79	cps
Barium	135-1	6085	6093	6310	6163	2.07	cps
Barium	137-1	11055	10546	10596	10732	2.61	cps
Beryllium	9-1	362	348	368	359	2.86	cps
Bismuth	209-1	6808717	6990267	7034692	6944558	1.72	cps
Bismuth	209-2	4279086	4151573	4239998	4223552	1.55	cps
Boron	10-1	35876	32740	29760	32792	9.33	cps
Boron	11-1	165355	149867	137979	151067	9.09	cps
Bromine	81-1	27716	26292	27505	27171	2.83	cps
Cadmium	111-1	7184	7086	7155	7141	0.71	cps
Cadmium	106-1	8928	8761	8928	8873	1.09	cps
Cadmium	108-1	225	175	225	208	13.86	cps
Calcium	43-1	21394801	21532917	21090456	21339391	1.06	cps
Calcium	44-1	345933416	353190024	346577217	348566886	1.15	cps
Carbon	12-1	6178416	6272887	6480059	6310454	2.45	cps
Carbon	12-2	74641	73752	74263	74218	0.60	cps
Chlorine	35-1	2899447	2964377	3032578	2965467	2.24	cps
Chlorine	35-2	20390	20598	21208	20732	2.05	cps
Chromium	52-2	12275	12322	12122	12240	0.86	cps
Cobalt	59-2	14297	14337	13677	14104	2.63	cps
Copper	63-2	13807	14067	14187	14020	1.39	cps
Dysprosium	156-1	1709	1867	2084	1886	9.98	cps
Dysprosium	156-2	933	1017	927	959	5.23	cps
Erbium	164-1	333	400	367	367	9.09	cps
Erbium	164-2	210	170	170	183	12.60	cps
Gadolinium	160-1	2292	2092	2425	2270	7.39	cps
Gadolinium	160-2	1200	1217	1240	1219	1.65	cps
Holmium	165-1	13874238	13520838	13708789	13701289	1.29	cps
Holmium	165-2	6774943	6864659	6787263	6808955	0.71	cps
Indium	115-1	11603586	11737147	12000681	11780471	1.72	cps
Indium	115-2	1775943	1828754	1803665	1802787	1.47	cps
Iron	54-2	34131938	34301555	34296081	34243191	0.28	cps
Iron	56-2	622318658	621574725	626582303	623491895	0.43	cps
Iron	57-2	16163658	15846798	15700145	15903534	1.49	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:25:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1040	963	1027	5.63	cps
Lead	206-1	14558	14631	14425	14538	0.72	cps
Lead	207-1	12317	12662	12106	12362	2.27	cps
Lead	208-1	57518	57384	56816	57239	0.65	cps
Lithium	6-1	3945449	4091402	4083880	4040243	2.03	cps
Magnesium	24-2	107063477	109619407	108845427	108509437	1.21	cps
Manganese	55-2	18162	17775	17538	17825	1.77	cps
Molybdenum	94-1	9362	9120	8945	9142	2.29	cps
Molybdenum	95-1	11055	10830	10479	10788	2.69	cps
Molybdenum	96-1	26902	25950	26426	26426	1.80	cps
Molybdenum	97-1	6769	6352	6285	6468	4.05	cps
Molybdenum	98-1	16135	15034	15292	15487	3.72	cps
Neodymium	150-1	147	133	113	131	12.79	cps
Neodymium	150-2	47	33	10	30	61.87	cps
Nickel	60-2	6291	6401	6275	6323	1.09	cps
Phosphorus	31-2	75	75	83	78	6.19	cps
Potassium	39-2	41388445	42288793	42286721	41987986	1.24	cps
Rhodium	103-1	11023768	11288326	11097743	11136612	1.23	cps
Rhodium	103-2	5086928	5122161	5067465	5092184	0.54	cps
Scandium	45-1	9344395	9261000	9168049	9257815	0.95	cps
Scandium	45-2	252337	251095	256796	253409	1.18	cps
Selenium	82-1	173	272	307	251	27.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	74	61	78	71	12.52	cps
Silicon	28-1	929687	973083	958880	953883	2.32	cps
Silver	107-1	5351	4609	4926	4962	7.50	cps
Silver	109-1	4809	4701	4568	4693	2.58	cps
Sodium	23-2	208611071	203847488	210035905	207498155	1.56	cps
Strontium	86-1	19289	20299	19597	19728	2.62	cps
Strontium	88-1	165623	158871	157061	160518	2.81	cps
Sulfur	34-1	391450	398463	401134	397016	1.26	cps
Terbium	159-1	14121221	14659411	14456744	14412458	1.89	cps
Terbium	159-2	6633426	6606837	6765563	6668609	1.27	cps
Thallium	203-1	3167	2792	2809	2923	7.25	cps
Thallium	205-1	6777	7252	6493	6841	5.60	cps
Tin	118-1	7371	6785	6702	6953	5.24	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:25:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1733	1750	1550	1678	6.61	cps
Uranium	238-1	4151	4226	3684	4020	7.30	cps
Vanadium	51-2	783	813	800	799	1.88	cps
Ytterbium	172-1	133	92	92	106	22.79	cps
Ytterbium	172-2	56	44	50	50	11.11	cps
Ytterbium	176-1	2059	1842	1950	1950	5.56	cps
Ytterbium	176-2	2017	2000	2217	2078	5.80	cps
Yttrium	89-1	30516305	30815622	30818023	30716650	0.56	cps
Yttrium	89-2	3085620	3142251	3106561	3111477	0.92	cps
Zinc	66-2	18923	19453	19150	19175	1.39	cps
Zirconium	90-1	7869	7694	7327	7630	3.63	cps
Zirconium	91-1	1492	1642	1467	1533	6.17	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICV42 Instrumnet Name : P8
 Client Sample ID : ICV42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:40:19 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38723	37957	37942	38207	1.17	cps
Antimony	121-1	2087300	2142652	2197854	2142602	2.58	cps
Arsenic	75-2	63560	63216	62909	63228	0.52	cps
Barium	135-1	279181	285854	278054	281030	1.50	cps
Barium	137-1	483398	491090	486123	486871	0.80	cps
Beryllium	9-1	288413	287186	285584	287061	0.49	cps
Bismuth	209-1	7824528	7919418	7939783	7894576	0.78	cps
Bismuth	209-2	4813481	4653464	4837431	4768126	2.10	cps
Boron	10-1	6814	6622	6862	6766	1.88	cps
Boron	11-1	30393	30708	30343	30481	0.65	cps
Bromine	81-1	26813	26803	28208	27275	2.96	cps
Cadmium	111-1	304532	309971	312704	309069	1.35	cps
Cadmium	106-1	35079	36524	35204	35602	2.25	cps
Cadmium	108-1	19531	20336	20206	20024	2.16	cps
Calcium	43-1	83999	84157	84217	84124	0.13	cps
Calcium	44-1	1460879	1449941	1451743	1454188	0.40	cps
Carbon	12-1	6063649	5973774	6295842	6111088	2.72	cps
Carbon	12-2	63655	63463	62836	63318	0.68	cps
Chlorine	35-1	2717124	2617100	2487778	2607334	4.41	cps
Chlorine	35-2	14825	13990	13623	14146	4.35	cps
Chromium	52-2	336273	331747	333836	333952	0.68	cps
Cobalt	59-2	608888	615447	608929	611088	0.62	cps
Copper	63-2	476154	475102	479885	477047	0.53	cps
Dysprosium	156-1	33	25	17	25	33.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	100	75	75	83	17.32	cps
Erbium	164-2	50	33	37	40	22.05	cps
Gadolinium	160-1	100	83	133	106	24.12	cps
Gadolinium	160-2	27	77	67	57	46.69	cps
Holmium	165-1	13590223	13725303	14409601	13908376	3.16	cps
Holmium	165-2	6860226	6888211	7062583	6937007	1.58	cps
Indium	115-1	12522842	12838732	13157524	12839699	2.47	cps
Indium	115-2	2001115	1994587	2014801	2003501	0.51	cps
Iron	54-2	295843	289728	287802	291124	1.44	cps
Iron	56-2	5310599	5197738	5324150	5277496	1.32	cps
Iron	57-2	130240	130037	130173	130150	0.08	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICV42	Instrumnet Name :	P8
Client Sample ID :	ICV42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:40:19	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	920	1057	1011	7.80	cps
Lead	206-1	1677987	1759410	1705416	1714271	2.42	cps
Lead	207-1	1367442	1383032	1369406	1373293	0.62	cps
Lead	208-1	6535197	6722445	6609697	6622446	1.42	cps
Lithium	6-1	4164764	4118631	4289623	4191006	2.11	cps
Magnesium	24-2	257164	256246	256615	256675	0.18	cps
Manganese	55-2	160866	156995	158504	158788	1.23	cps
Molybdenum	94-1	825	908	867	867	4.81	cps
Molybdenum	95-1	542	500	492	511	5.24	cps
Molybdenum	96-1	858	975	842	892	8.15	cps
Molybdenum	97-1	283	283	275	281	1.71	cps
Molybdenum	98-1	958	658	675	764	22.07	cps
Neodymium	150-1	13	20	40	24	56.78	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	186016	187316	184062	185798	0.88	cps
Phosphorus	31-2	58	92	67	72	24.02	cps
Potassium	39-2	342482	347650	350592	346908	1.18	cps
Rhodium	103-1	12637560	12587463	13003203	12742742	1.78	cps
Rhodium	103-2	5818667	5734462	5970434	5841188	2.05	cps
Scandium	45-1	9580781	9612205	9905137	9699375	1.84	cps
Scandium	45-2	264035	257742	256097	259291	1.62	cps
Selenium	82-1	47874	48404	47534	47937	0.91	cps
Selenium	77-2	1353	1370	1307	1343	2.44	cps
Selenium	78-2	4424	4395	4349	4389	0.86	cps
Silicon	28-1	593914	613027	629650	612197	2.92	cps
Silver	107-1	756139	769148	746491	757260	1.50	cps
Silver	109-1	727834	731961	727560	729118	0.34	cps
Sodium	23-2	863971	866722	883968	871554	1.24	cps
Strontium	86-1	2584	2984	2650	2739	7.83	cps
Strontium	88-1	11447	11271	11205	11308	1.10	cps
Sulfur	34-1	405606	402219	399657	402494	0.74	cps
Terbium	159-1	14538684	14761804	14788496	14696328	0.93	cps
Terbium	159-2	6925713	6849708	6885785	6887068	0.55	cps
Thallium	203-1	1942749	2031591	1993260	1989200	2.24	cps
Thallium	205-1	4657699	4750544	4799323	4735855	1.52	cps
Tin	118-1	1458	1392	1325	1392	4.79	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICV42	Instrumnet Name :	P8
Client Sample ID :	ICV42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:40:19	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	442	492	456	6.93	cps
Uranium	238-1	67	125	117	103	30.69	cps
Vanadium	51-2	254110	252779	249705	252198	0.90	cps
Ytterbium	172-1	42	50	17	36	48.03	cps
Ytterbium	172-2	28	6	22	19	62.43	cps
Ytterbium	176-1	1742	1750	1875	1789	4.18	cps
Ytterbium	176-2	2045	2372	2345	2254	8.07	cps
Yttrium	89-1	31347158	32084100	31834185	31755148	1.18	cps
Yttrium	89-2	3176659	3098421	3238883	3171321	2.22	cps
Zinc	66-2	102303	103284	102330	102639	0.54	cps
Zirconium	90-1	1725	1675	1834	1745	4.64	cps
Zirconium	91-1	592	508	617	572	9.91	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1782	1732	1765	1760	1.44	cps
Antimony	121-1	23037	21317	21593	21982	4.20	cps
Arsenic	75-2	348	322	341	337	3.99	cps
Barium	135-1	28072	29032	28113	28406	1.91	cps
Barium	137-1	48705	49985	51290	49993	2.59	cps
Beryllium	9-1	3002	2996	3110	3036	2.11	cps
Bismuth	209-1	7918225	7968220	7152077	7679507	5.96	cps
Bismuth	209-2	4784171	4709839	4864633	4786214	1.62	cps
Boron	10-1	9873	10258	10468	10200	2.95	cps
Boron	11-1	46021	46653	48033	46902	2.19	cps
Bromine	81-1	27596	28719	27987	28101	2.03	cps
Cadmium	111-1	8631	8736	8658	8675	0.63	cps
Cadmium	106-1	8436	8545	8394	8458	0.92	cps
Cadmium	108-1	238	333	300	290	16.76	cps
Calcium	43-1	22967	22566	22706	22746	0.89	cps
Calcium	44-1	409453	408487	408782	408907	0.12	cps
Carbon	12-1	5524111	5763315	5470652	5586026	2.79	cps
Carbon	12-2	57029	55681	54594	55768	2.19	cps
Chlorine	35-1	2762558	2636815	2538765	2646046	4.24	cps
Chlorine	35-2	14691	14466	13148	14102	5.91	cps
Chromium	52-2	8086	8119	7762	7989	2.47	cps
Cobalt	59-2	6231	6318	6365	6305	1.07	cps
Copper	63-2	10364	10307	10414	10362	0.52	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	100	67	67	78	24.74	cps
Erbium	164-2	47	37	43	42	12.06	cps
Gadolinium	160-1	133	75	125	111	28.40	cps
Gadolinium	160-2	43	57	40	47	18.90	cps
Holmium	165-1	14189400	14264030	13042777	13832069	4.95	cps
Holmium	165-2	6768182	6856089	7031273	6885181	1.95	cps
Indium	115-1	13021964	13114518	12289200	12808561	3.53	cps
Indium	115-2	1996415	1990389	2033602	2006802	1.17	cps
Iron	54-2	8797	8464	8408	8556	2.46	cps
Iron	56-2	146343	145613	142975	144977	1.22	cps
Iron	57-2	3439	3795	3689	3641	5.02	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	920	1103	990	10.01	cps
Lead	206-1	9014	8987	9031	9011	0.25	cps
Lead	207-1	7825	8158	8370	8117	3.38	cps
Lead	208-1	35675	36220	35864	35920	0.77	cps
Lithium	6-1	4102596	4177190	4060865	4113550	1.43	cps
Magnesium	24-2	116095	117547	114769	116137	1.20	cps
Manganese	55-2	2007	2054	1963	2008	2.24	cps
Molybdenum	94-1	28204	28513	28897	28538	1.22	cps
Molybdenum	95-1	33416	33859	34836	34037	2.13	cps
Molybdenum	96-1	37727	37284	38095	37702	1.08	cps
Molybdenum	97-1	21108	21192	20941	21080	0.60	cps
Molybdenum	98-1	53470	54140	54483	54031	0.95	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2047	1950	1983	1993	2.46	cps
Phosphorus	31-2	100	33	58	64	52.72	cps
Potassium	39-2	104048	105661	103319	104343	1.15	cps
Rhodium	103-1	12755436	12683807	12203146	12547463	2.39	cps
Rhodium	103-2	5947943	5852483	5973987	5924804	1.08	cps
Scandium	45-1	9891103	9673691	9487633	9684142	2.09	cps
Scandium	45-2	263560	266305	268605	266157	0.95	cps
Selenium	82-1	1166	1243	1110	1173	5.71	cps
Selenium	77-2	53	33	30	39	32.45	cps
Selenium	78-2	202	172	161	178	11.90	cps
Silicon	28-1	632581	629506	623085	628391	0.77	cps
Silver	107-1	15943	16293	16026	16088	1.14	cps
Silver	109-1	15492	15117	15267	15292	1.24	cps
Sodium	23-2	250732	254143	246950	250608	1.44	cps
Strontium	86-1	7077	5876	6277	6410	9.54	cps
Strontium	88-1	41880	42565	41512	41986	1.27	cps
Sulfur	34-1	418301	419747	419466	419171	0.18	cps
Terbium	159-1	14778395	14777162	14126824	14560794	2.58	cps
Terbium	159-2	7026043	6914818	7000550	6980471	0.83	cps
Thallium	203-1	10087	10630	10980	10566	4.26	cps
Thallium	205-1	24123	24599	24916	24546	1.63	cps
Tin	118-1	48529	50577	48620	49242	2.35	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:49:47	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10613	10337	10613	10521	1.51	cps
Uranium	238-1	25660	26954	27506	26707	3.55	cps
Vanadium	51-2	13470	13346	13009	13275	1.80	cps
Ytterbium	172-1	58	17	58	44	54.12	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	2009	1842	1792	1881	6.03	cps
Ytterbium	176-2	2256	2361	2445	2354	4.02	cps
Yttrium	89-1	32072455	31900056	29811749	31261420	4.03	cps
Yttrium	89-2	3249004	3224850	3264718	3246191	0.62	cps
Zinc	66-2	1807	1647	1840	1765	5.86	cps
Zirconium	90-1	24806	23888	23762	24152	2.36	cps
Zirconium	91-1	5193	5143	5043	5126	1.49	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICB42 Instrumnet Name : P8
 Client Sample ID : ICB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:52:48 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	119	144	128	10.76	cps
Antimony	121-1	208	217	275	233	15.57	cps
Arsenic	75-2	23	19	23	22	10.66	cps
Barium	135-1	50	25	75	50	50.00	cps
Barium	137-1	75	108	75	86	22.35	cps
Beryllium	9-1	72	42	58	57	26.19	cps
Bismuth	209-1	7587179	6708903	7346663	7214248	6.29	cps
Bismuth	209-2	4620803	4774433	4732744	4709326	1.69	cps
Boron	10-1	3666	3628	3496	3596	2.48	cps
Boron	11-1	17649	16756	16552	16986	3.43	cps
Bromine	81-1	28097	27495	26041	27211	3.88	cps
Cadmium	111-1	6323	5359	5664	5782	8.53	cps
Cadmium	106-1	8945	7569	8078	8197	8.49	cps
Cadmium	108-1	54	63	88	68	25.49	cps
Calcium	43-1	574	565	599	579	3.02	cps
Calcium	44-1	44731	44210	44060	44334	0.79	cps
Carbon	12-1	5906975	6051814	6025776	5994855	1.29	cps
Carbon	12-2	60257	60759	59027	60015	1.48	cps
Chlorine	35-1	2376479	2266410	2134857	2259249	5.35	cps
Chlorine	35-2	12447	12581	12222	12417	1.46	cps
Chromium	52-2	1030	1100	1107	1079	3.94	cps
Cobalt	59-2	60	93	53	69	31.11	cps
Copper	63-2	1260	1303	1250	1271	2.23	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	30	33	43	36	19.51	cps
Gadolinium	160-1	83	125	58	89	37.88	cps
Gadolinium	160-2	73	47	53	58	24.02	cps
Holmium	165-1	13926602	11967746	12763773	12886041	7.64	cps
Holmium	165-2	6864715	6804904	6723869	6797829	1.04	cps
Indium	115-1	12656631	10966415	11856761	11826603	7.15	cps
Indium	115-2	1911863	1920538	1950765	1927722	1.06	cps
Iron	54-2	672	806	739	739	9.02	cps
Iron	56-2	5657	5629	5851	5712	2.12	cps
Iron	57-2	89	172	167	143	32.68	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICB42	Instrumnet Name :	P8
Client Sample ID :	ICB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:52:48	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	1027	877	940	8.26	cps
Lead	206-1	1839	1700	1856	1798	4.75	cps
Lead	207-1	1311	1628	1389	1443	11.44	cps
Lead	208-1	6595	6484	6540	6540	0.85	cps
Lithium	6-1	4228216	3855311	4061241	4048256	4.61	cps
Magnesium	24-2	425	392	358	392	8.51	cps
Manganese	55-2	287	303	283	291	3.68	cps
Molybdenum	94-1	542	375	642	519	25.93	cps
Molybdenum	95-1	267	192	208	222	17.72	cps
Molybdenum	96-1	433	433	350	406	11.86	cps
Molybdenum	97-1	150	167	142	153	8.33	cps
Molybdenum	98-1	392	292	308	331	16.21	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	133	157	154	13.01	cps
Phosphorus	31-2	75	42	108	75	44.44	cps
Potassium	39-2	18254	18003	18012	18090	0.79	cps
Rhodium	103-1	12573342	10917326	11408787	11633151	7.31	cps
Rhodium	103-2	5762361	5659199	5814642	5745401	1.38	cps
Scandium	45-1	9819470	8324310	9095321	9079700	8.23	cps
Scandium	45-2	262500	263713	266736	264316	0.83	cps
Selenium	82-1	98	-24	104	59	121.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	66	71	69	3.83	cps
Silicon	28-1	526896	522578	517885	522453	0.86	cps
Silver	107-1	608	542	708	619	13.54	cps
Silver	109-1	400	442	475	439	8.56	cps
Sodium	23-2	27076	27610	27476	27387	1.02	cps
Strontium	86-1	1725	1733	1467	1642	9.24	cps
Strontium	88-1	775	758	942	825	12.29	cps
Sulfur	34-1	420214	424015	419206	421145	0.60	cps
Terbium	159-1	14820463	12238454	13605044	13554654	9.53	cps
Terbium	159-2	6783082	6678463	6654047	6705197	1.02	cps
Thallium	203-1	1175	975	1100	1083	9.33	cps
Thallium	205-1	2584	2367	2534	2495	4.55	cps
Tin	118-1	483	700	933	706	31.90	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICB42	Instrumnet Name :	P8
Client Sample ID :	ICB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:52:48	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	250	292	286	11.77	cps
Uranium	238-1	50	33	58	47	26.97	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Ytterbium	172-1	42	17	33	31	41.66	cps
Ytterbium	172-2	22	11	22	19	34.64	cps
Ytterbium	176-1	1825	1567	1508	1633	10.32	cps
Ytterbium	176-2	2111	2234	2278	2208	3.91	cps
Yttrium	89-1	31803595	26867813	28972342	29214583	8.48	cps
Yttrium	89-2	3187612	3108209	3182652	3159491	1.41	cps
Zinc	66-2	587	557	613	586	4.84	cps
Zirconium	90-1	1450	908	1467	1275	24.91	cps
Zirconium	91-1	175	208	183	189	9.18	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICSA42 Instrumnet Name : P8
 Client Sample ID : ICSA42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:55:51 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7185181	7045945	7285133	7172086	1.67	cps
Antimony	121-1	11956	12439	12364	12253	2.12	cps
Arsenic	75-2	100	128	107	112	13.05	cps
Barium	135-1	4159	4293	4034	4162	3.11	cps
Barium	137-1	7219	7727	7502	7483	3.41	cps
Beryllium	9-1	844	848	894	862	3.22	cps
Bismuth	209-1	7633929	7569491	7582703	7595374	0.45	cps
Bismuth	209-2	4595552	4532141	4015269	4380987	7.27	cps
Boron	10-1	3180	3092	2984	3085	3.18	cps
Boron	11-1	14863	14672	14574	14703	1.00	cps
Bromine	81-1	27736	26091	27295	27041	3.15	cps
Cadmium	111-1	6918	7122	6590	6877	3.91	cps
Cadmium	106-1	8253	8620	7836	8236	4.76	cps
Cadmium	108-1	2679	2434	2571	2561	4.81	cps
Calcium	43-1	4292759	4350721	4217046	4286842	1.56	cps
Calcium	44-1	70486644	72213444	70012786	70904291	1.63	cps
Carbon	12-1	36901689	37338211	38085001	37441634	1.60	cps
Carbon	12-2	380719	385024	379559	381767	0.75	cps
Chlorine	35-1	21623964	27398102	31095028	26705698	17.87	cps
Chlorine	35-2	226503	242060	259091	242551	6.72	cps
Chromium	52-2	64525	64421	66229	65058	1.56	cps
Cobalt	59-2	6872	6928	7068	6956	1.46	cps
Copper	63-2	34960	35949	36169	35693	1.80	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	20	27	17	21	24.12	cps
Erbium	164-1	150	125	175	150	16.67	cps
Erbium	164-2	60	50	37	49	23.94	cps
Gadolinium	160-1	192	125	117	144	28.46	cps
Gadolinium	160-2	70	90	57	72	23.23	cps
Holmium	165-1	14298180	14099359	13760882	14052807	1.93	cps
Holmium	165-2	6926207	6918393	6158176	6667592	6.62	cps
Indium	115-1	12375825	12582976	12309741	12422847	1.15	cps
Indium	115-2	1847113	1840420	1641042	1776192	6.59	cps
Iron	54-2	14149053	14056882	13892003	14032646	0.93	cps
Iron	56-2	252854017	250457756	257899228	253737000	1.50	cps
Iron	57-2	6537860	6536592	6461933	6512128	0.67	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICSA42 Instrumnet Name : P8
 Client Sample ID : ICSA42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:55:51 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	840	993	952	10.33	cps
Lead	206-1	35198	35003	35360	35187	0.51	cps
Lead	207-1	27285	27518	27813	27539	0.96	cps
Lead	208-1	132002	131979	131882	131955	0.05	cps
Lithium	6-1	4305845	4320983	4131140	4252656	2.48	cps
Magnesium	24-2	20917315	20582810	21371309	20957145	1.89	cps
Manganese	55-2	12099	11521	12225	11948	3.14	cps
Molybdenum	94-1	7340256	7141382	7208433	7230024	1.40	cps
Molybdenum	95-1	12961030	12816904	12800117	12859350	0.69	cps
Molybdenum	96-1	13694086	13802515	13751241	13749281	0.39	cps
Molybdenum	97-1	7773703	7973278	7892241	7879741	1.27	cps
Molybdenum	98-1	20366089	20780151	20753267	20633169	1.12	cps
Neodymium	150-1	100	60	20	60	66.67	cps
Neodymium	150-2	17	33	20	23	37.78	cps
Nickel	60-2	9473	9330	9753	9519	2.26	cps
Phosphorus	31-2	400434	390980	402519	397978	1.55	cps
Potassium	39-2	16143520	16440968	16094874	16226454	1.15	cps
Rhodium	103-1	12034402	12018912	11881130	11978148	0.70	cps
Rhodium	103-2	5453857	5395082	4941760	5263566	5.32	cps
Scandium	45-1	9873419	9836592	9523604	9744538	1.97	cps
Scandium	45-2	253679	251279	227256	244071	5.99	cps
Selenium	82-1	104	268	39	137	85.98	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	67	67	67	67	0.00	cps
Silicon	28-1	801681	810562	823972	812072	1.38	cps
Silver	107-1	1067	733	733	844	22.79	cps
Silver	109-1	825	692	692	736	10.46	cps
Sodium	23-2	41969310	41971877	43493904	42478364	2.07	cps
Strontium	86-1	147329	148883	147996	148069	0.53	cps
Strontium	88-1	1282602	1273321	1289721	1281881	0.64	cps
Sulfur	34-1	6152137	6057102	5981574	6063605	1.41	cps
Terbium	159-1	14880390	14800989	14989512	14890297	0.64	cps
Terbium	159-2	6616509	6938633	6015073	6523405	7.19	cps
Thallium	203-1	992	1400	1242	1211	17.00	cps
Thallium	205-1	2867	2867	2959	2898	1.83	cps
Tin	118-1	2525	2150	2467	2381	8.48	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSA42	Instrumnet Name :	P8
Client Sample ID :	ICSA42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:55:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4098320	4107091	4083678	4096363	0.29	cps
Uranium	238-1	492	492	517	500	2.89	cps
Vanadium	51-2	410	403	353	389	7.96	cps
Ytterbium	172-1	75	58	42	58	28.57	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	2050	1942	1758	1917	7.69	cps
Ytterbium	176-2	1861	2195	2117	2058	8.48	cps
Yttrium	89-1	31822607	30892894	31381895	31365798	1.48	cps
Yttrium	89-2	3126637	3104197	2782506	3004447	6.41	cps
Zinc	66-2	5961	6208	6345	6171	3.15	cps
Zirconium	90-1	1750	1733	1700	1728	1.47	cps
Zirconium	91-1	342	333	350	342	2.44	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : ICSAB42 Instrumnet Name : P8
 Client Sample ID : ICSAB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 15:58:44 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7154491	7246266	7168626	7189794	0.69	cps
Antimony	121-1	225362	225650	226380	225797	0.23	cps
Arsenic	75-2	6145	6166	5938	6083	2.07	cps
Barium	135-1	61289	61214	62520	61674	1.19	cps
Barium	137-1	106467	107686	106963	107039	0.57	cps
Beryllium	9-1	57841	57608	57193	57547	0.57	cps
Bismuth	209-1	8019564	7719691	7733939	7824398	2.16	cps
Bismuth	209-2	4467034	4452566	4501233	4473611	0.56	cps
Boron	10-1	18180	18664	19261	18702	2.90	cps
Boron	11-1	82822	87323	88795	86313	3.61	cps
Bromine	81-1	27154	27245	28809	27736	3.35	cps
Cadmium	111-1	66563	68617	65977	67052	2.07	cps
Cadmium	106-1	16277	16318	16360	16318	0.26	cps
Cadmium	108-1	7052	7214	7244	7170	1.44	cps
Calcium	43-1	4315092	4246167	4238318	4266525	0.99	cps
Calcium	44-1	72286259	70777325	70196527	71086704	1.52	cps
Carbon	12-1	36953614	38937808	38200379	38030601	2.64	cps
Carbon	12-2	392532	387757	385619	388636	0.91	cps
Chlorine	35-1	36514615	40002347	43122417	39879793	8.29	cps
Chlorine	35-2	289674	303528	306725	299976	3.02	cps
Chromium	52-2	130045	129698	129147	129630	0.35	cps
Cobalt	59-2	121557	121453	120152	121054	0.65	cps
Copper	63-2	123471	124403	123723	123866	0.39	cps
Dysprosium	156-1	50	50	92	64	37.66	cps
Dysprosium	156-2	20	30	17	22	31.22	cps
Erbium	164-1	133	183	158	158	15.79	cps
Erbium	164-2	40	50	70	53	28.64	cps
Gadolinium	160-1	175	167	150	164	7.77	cps
Gadolinium	160-2	80	73	63	72	11.62	cps
Holmium	165-1	14518815	14427616	14165723	14370718	1.28	cps
Holmium	165-2	6712250	6931933	6938324	6860836	1.88	cps
Indium	115-1	12879436	12649172	13126126	12884912	1.85	cps
Indium	115-2	1827646	1819947	1886310	1844634	1.97	cps
Iron	54-2	14475384	13803913	14000646	14093315	2.45	cps
Iron	56-2	250702939	255110856	253196556	253003450	0.87	cps
Iron	57-2	6388118	6321278	6297464	6335620	0.74	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSAB42	Instrumnet Name :	P8
Client Sample ID :	ICSAB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:58:44	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1087	937	1004	7.57	cps
Lead	206-1	182733	182592	180632	181986	0.65	cps
Lead	207-1	152049	152046	153869	152655	0.69	cps
Lead	208-1	710801	704514	698041	704452	0.91	cps
Lithium	6-1	4309476	4197262	4389140	4298626	2.24	cps
Magnesium	24-2	21217054	21350951	21131604	21233203	0.52	cps
Manganese	55-2	42540	41995	41540	42025	1.19	cps
Molybdenum	94-1	7693655	8021231	7764003	7826296	2.20	cps
Molybdenum	95-1	12714698	13156000	12806690	12892463	1.81	cps
Molybdenum	96-1	14057134	14222393	14007513	14095680	0.80	cps
Molybdenum	97-1	8057981	8033476	7923709	8005055	0.89	cps
Molybdenum	98-1	20222004	20953882	20596885	20590924	1.78	cps
Neodymium	150-1	93	60	53	69	31.12	cps
Neodymium	150-2	33	10	17	20	60.08	cps
Nickel	60-2	41016	40594	40133	40581	1.09	cps
Phosphorus	31-2	389123	393001	399171	393765	1.29	cps
Potassium	39-2	16195217	15992177	15801869	15996421	1.23	cps
Rhodium	103-1	12149693	12623679	12362835	12378736	1.92	cps
Rhodium	103-2	5496966	5322988	5501132	5440362	1.87	cps
Scandium	45-1	9879440	10244020	9870205	9997888	2.13	cps
Scandium	45-2	256043	250777	251751	252857	1.11	cps
Selenium	82-1	4619	4416	4662	4566	2.88	cps
Selenium	77-2	107	130	113	117	10.30	cps
Selenium	78-2	450	447	441	446	1.03	cps
Silicon	28-1	847238	855909	860673	854607	0.80	cps
Silver	107-1	294537	290193	289457	291396	0.94	cps
Silver	109-1	277689	280491	278248	278810	0.53	cps
Sodium	23-2	42294311	42553517	42822729	42556852	0.62	cps
Strontium	86-1	366663	347548	358360	357524	2.68	cps
Strontium	88-1	3217473	3068015	3129662	3138383	2.39	cps
Sulfur	34-1	6062827	5904426	5902338	5956531	1.55	cps
Terbium	159-1	15253249	15603659	15432760	15429889	1.14	cps
Terbium	159-2	6666601	6800181	6769085	6745289	1.04	cps
Thallium	203-1	189456	182446	185423	185775	1.89	cps
Thallium	205-1	451301	438763	445782	445282	1.41	cps
Tin	118-1	477648	474244	474357	475416	0.41	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	ICSAB42	Instrumnet Name :	P8
Client Sample ID :	ICSAB42	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 15:58:44	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4095240	4172891	4165797	4144643	1.04	cps
Uranium	238-1	1372097	1333318	1339393	1348269	1.55	cps
Vanadium	51-2	49488	50214	49710	49804	0.75	cps
Ytterbium	172-1	50	42	75	56	31.22	cps
Ytterbium	172-2	50	39	28	39	28.57	cps
Ytterbium	176-1	3551	3884	3717	3717	4.48	cps
Ytterbium	176-2	2706	3250	3295	3084	10.64	cps
Yttrium	89-1	32997039	31962193	32497990	32485741	1.59	cps
Yttrium	89-2	3070106	3076964	3122026	3089698	0.91	cps
Zinc	66-2	15569	15525	15195	15430	1.32	cps
Zirconium	90-1	1185189	1176162	1165618	1175656	0.83	cps
Zirconium	91-1	255220	255480	254672	255124	0.16	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3892891	3944548	4042470	3959970	1.92	cps
Antimony	121-1	5343574	5497391	5545431	5462132	1.93	cps
Arsenic	75-2	161259	159551	161447	160752	0.65	cps
Barium	135-1	7211082	7399110	7340265	7316819	1.31	cps
Barium	137-1	12302011	12534728	12475110	12437283	0.97	cps
Beryllium	9-1	1513564	1490074	1471353	1491664	1.42	cps
Bismuth	209-1	7402267	7419955	7345060	7389094	0.53	cps
Bismuth	209-2	4561609	4422920	4457277	4480602	1.61	cps
Boron	10-1	169031	174843	180079	174651	3.16	cps
Boron	11-1	775864	810314	827155	804444	3.25	cps
Bromine	81-1	27796	27385	26673	27284	2.08	cps
Cadmium	111-1	1554686	1540226	1546748	1547220	0.47	cps
Cadmium	106-1	180546	181984	186394	182974	1.67	cps
Cadmium	108-1	117680	117298	119800	118259	1.14	cps
Calcium	43-1	12656935	12738221	12678122	12691093	0.33	cps
Calcium	44-1	200727306	203601894	202683751	202337650	0.73	cps
Carbon	12-1	7241224	7192248	7604281	7345918	3.06	cps
Carbon	12-2	79726	80680	81828	80745	1.30	cps
Chlorine	35-1	2842842	2761236	2750090	2784723	1.82	cps
Chlorine	35-2	16376	16310	15842	16176	1.80	cps
Chromium	52-2	1778696	1764064	1809024	1783928	1.29	cps
Cobalt	59-2	3105436	3071788	3173855	3117026	1.67	cps
Copper	63-2	25256835	24819840	24384912	24820529	1.76	cps
Dysprosium	156-1	950	1100	1008	1020	7.42	cps
Dysprosium	156-2	497	503	607	536	11.52	cps
Erbium	164-1	233	258	258	250	5.77	cps
Erbium	164-2	80	103	90	91	12.85	cps
Gadolinium	160-1	1367	1275	1217	1286	5.88	cps
Gadolinium	160-2	677	550	610	612	10.35	cps
Holmium	165-1	14553544	14557505	14178638	14429896	1.51	cps
Holmium	165-2	7063709	6957830	7058297	7026612	0.85	cps
Indium	115-1	12658604	12704409	12885973	12749662	0.94	cps
Indium	115-2	1879736	1915737	1932565	1909346	1.41	cps
Iron	54-2	18951707	18473111	19033041	18819286	1.61	cps
Iron	56-2	333167152	339996941	342231141	338465078	1.40	cps
Iron	57-2	8632452	8420519	8575950	8542974	1.28	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	1083	1110	1052	7.43	cps
Lead	206-1	18637168	18622662	18511103	18590311	0.37	cps
Lead	207-1	16108974	16286888	16128484	16174782	0.60	cps
Lead	208-1	73190616	74152735	73784855	73709402	0.66	cps
Lithium	6-1	4406229	4367043	4426218	4399830	0.68	cps
Magnesium	24-2	57503724	59061672	59822606	58796001	2.01	cps
Manganese	55-2	8840828	8883295	8905903	8876675	0.37	cps
Molybdenum	94-1	15508253	15486095	15069213	15354520	1.61	cps
Molybdenum	95-1	17078513	17353940	16980206	17137553	1.13	cps
Molybdenum	96-1	19198672	19306955	19418946	19308191	0.57	cps
Molybdenum	97-1	10598029	10352548	10455225	10468601	1.18	cps
Molybdenum	98-1	27032781	27124139	27119071	27091997	0.19	cps
Neodymium	150-1	260	320	380	320	18.75	cps
Neodymium	150-2	20	13	7	13	49.99	cps
Nickel	60-2	842706	829590	840645	837647	0.84	cps
Phosphorus	31-2	28136	26934	27234	27435	2.28	cps
Potassium	39-2	22336502	22296867	22633765	22422378	0.82	cps
Rhodium	103-1	12030328	12408654	11923440	12120807	2.10	cps
Rhodium	103-2	5431541	5334172	5403816	5389843	0.93	cps
Scandium	45-1	10273899	10242448	10065484	10193944	1.10	cps
Scandium	45-2	268057	270520	273871	270816	1.08	cps
Selenium	82-1	117805	118350	118113	118089	0.23	cps
Selenium	77-2	3287	3197	3087	3190	3.14	cps
Selenium	78-2	10597	10624	10960	10727	1.89	cps
Silicon	28-1	5213544	5220235	5573929	5335903	3.86	cps
Silver	107-1	7697705	7839787	8103304	7880266	2.61	cps
Silver	109-1	7497959	7619150	7484939	7534016	0.98	cps
Sodium	23-2	111423802	112857040	111740598	112007147	0.67	cps
Strontium	86-1	21668711	21826432	21646483	21713875	0.45	cps
Strontium	88-1	189129779	189430871	187208308	188589653	0.64	cps
Sulfur	34-1	915480	907908	906763	910050	0.52	cps
Terbium	159-1	15099014	15213629	14988188	15100277	0.75	cps
Terbium	159-2	6879872	6911771	6975404	6922349	0.70	cps
Thallium	203-1	4544969	4612767	4711441	4623059	1.81	cps
Thallium	205-1	10948847	10828431	10889664	10888981	0.55	cps
Tin	118-1	4887558	5009766	5088977	4995434	2.03	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:16:34	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5214337	5335502	5314082	5287974	1.22	cps
Uranium	238-1	13968523	14197572	13855868	14007321	1.24	cps
Vanadium	51-2	1380314	1369302	1401717	1383777	1.19	cps
Ytterbium	172-1	75	50	50	58	24.74	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	27488	28515	28114	28039	1.85	cps
Ytterbium	176-2	15443	15064	15620	15376	1.85	cps
Yttrium	89-1	33086924	33128752	32949526	33055067	0.28	cps
Yttrium	89-2	3337080	3238783	3357189	3311017	1.91	cps
Zinc	66-2	2632849	2615808	2640370	2629676	0.48	cps
Zirconium	90-1	16225351	15931676	15742972	15966666	1.52	cps
Zirconium	91-1	3556952	3577956	3472186	3535698	1.58	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB55 Instrumnet Name : P8
 Client Sample ID : CCB55 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:21:41 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	206	177	184	10.95	cps
Antimony	121-1	1534	1308	1567	1470	9.57	cps
Arsenic	75-2	24	18	25	22	16.95	cps
Barium	135-1	1710	108	233	684	130.27	cps
Barium	137-1	2236	358	258	951	117.17	cps
Beryllium	9-1	212	134	104	150	37.17	cps
Bismuth	209-1	8175315	8026639	8090491	8097482	0.92	cps
Bismuth	209-2	4852076	4417066	3959781	4409641	10.12	cps
Boron	10-1	13716	13225	12559	13167	4.41	cps
Boron	11-1	63839	59329	57517	60228	5.40	cps
Bromine	81-1	28147	27977	28207	28110	0.43	cps
Cadmium	111-1	6200	6218	6381	6266	1.60	cps
Cadmium	106-1	8436	8628	8911	8659	2.76	cps
Cadmium	108-1	133	67	75	92	39.63	cps
Calcium	43-1	32628	739	684	11350	162.35	cps
Calcium	44-1	428639	54007	53809	178818	120.99	cps
Carbon	12-1	5968690	6237292	6207919	6137967	2.40	cps
Carbon	12-2	60760	61254	60375	60796	0.72	cps
Chlorine	35-1	2769125	2568139	2576041	2637768	4.32	cps
Chlorine	35-2	15025	14574	14291	14630	2.53	cps
Chromium	52-2	1137	1213	1037	1129	7.85	cps
Cobalt	59-2	173	157	137	156	11.80	cps
Copper	63-2	2064	1977	1717	1919	9.40	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	150	67	67	94	50.94	cps
Erbium	164-2	33	40	20	31	32.73	cps
Gadolinium	160-1	92	108	133	111	18.88	cps
Gadolinium	160-2	50	60	53	54	9.35	cps
Holmium	165-1	14538820	14472945	14589502	14533756	0.40	cps
Holmium	165-2	6934593	6375864	5805479	6371978	8.86	cps
Indium	115-1	13457847	12894667	13054121	13135545	2.21	cps
Indium	115-2	1989382	1788834	1716678	1831631	7.71	cps
Iron	54-2	906	995	889	930	6.10	cps
Iron	56-2	10626	11777	10209	10871	7.47	cps
Iron	57-2	194	222	256	224	13.65	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:21:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1033	1097	1062	3.02	cps
Lead	206-1	4558	3050	2984	3531	25.21	cps
Lead	207-1	3479	2667	2606	2917	16.70	cps
Lead	208-1	17352	12197	11786	13778	22.51	cps
Lithium	6-1	4285971	4218493	4414168	4306211	2.31	cps
Magnesium	24-2	1117	1317	992	1142	14.36	cps
Manganese	55-2	407	463	330	400	16.73	cps
Molybdenum	94-1	5474	1258	1125	2619	94.43	cps
Molybdenum	95-1	3855	1133	1067	2018	78.83	cps
Molybdenum	96-1	7021	1225	1267	3171	105.15	cps
Molybdenum	97-1	3112	700	642	1485	94.96	cps
Molybdenum	98-1	7070	1792	1658	3507	88.02	cps
Neodymium	150-1	13	7	53	24	103.26	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	193	153	117	154	24.83	cps
Phosphorus	31-2	42	92	108	81	43.07	cps
Potassium	39-2	22042	21950	22610	22201	1.61	cps
Rhodium	103-1	12775633	13168884	12847348	12930622	1.62	cps
Rhodium	103-2	5918258	5326313	5070107	5438226	8.00	cps
Scandium	45-1	10144752	10163320	9742672	10016915	2.37	cps
Scandium	45-2	266255	244120	223615	244663	8.72	cps
Selenium	82-1	1	2	-81	-26	-184.26	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	58	61	56	58	4.31	cps
Silicon	28-1	561469	538375	539682	546509	2.37	cps
Silver	107-1	1600	1542	1358	1500	8.41	cps
Silver	109-1	1542	1442	1150	1378	14.77	cps
Sodium	23-2	43507	43774	42145	43142	2.03	cps
Strontium	86-1	8146	1875	1900	3974	90.93	cps
Strontium	88-1	67334	4017	3834	25062	146.07	cps
Sulfur	34-1	411621	406435	405403	407820	0.82	cps
Terbium	159-1	15021824	15132305	14994498	15049542	0.48	cps
Terbium	159-2	6841204	6261994	6002719	6368639	6.74	cps
Thallium	203-1	2034	1867	1525	1809	14.33	cps
Thallium	205-1	5590	4626	3926	4714	17.72	cps
Tin	118-1	1267	1083	908	1086	16.51	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:21:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8441	450	425	3105	148.80	cps
Uranium	238-1	900	383	283	522	63.38	cps
Vanadium	51-2	20	37	13	23	51.52	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	1884	1792	1650	1775	6.62	cps
Ytterbium	176-2	2006	2172	2089	2089	3.99	cps
Yttrium	89-1	32479964	32062437	32526722	32356374	0.79	cps
Yttrium	89-2	3197284	2994198	2747949	2979810	7.55	cps
Zinc	66-2	700	717	533	650	15.60	cps
Zirconium	90-1	10588	1925	1800	4771	105.59	cps
Zirconium	91-1	1693	400	325	806	95.43	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:25:19 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1930	1872	1936	1913	1.84	cps
Antimony	121-1	24464	23846	24439	24250	1.44	cps
Arsenic	75-2	364	328	376	356	7.02	cps
Barium	135-1	30001	30435	30602	30346	1.02	cps
Barium	137-1	52043	53113	51148	52101	1.89	cps
Beryllium	9-1	3234	3148	3154	3178	1.51	cps
Bismuth	209-1	7955223	7990658	8041591	7995824	0.54	cps
Bismuth	209-2	4901138	4857379	4824204	4860907	0.79	cps
Boron	10-1	14430	14877	14680	14662	1.53	cps
Boron	11-1	68720	68803	70539	69354	1.48	cps
Bromine	81-1	28579	27044	27957	27860	2.77	cps
Cadmium	111-1	9039	9261	9422	9241	2.08	cps
Cadmium	106-1	8895	8695	8920	8836	1.40	cps
Cadmium	108-1	292	346	300	313	9.33	cps
Calcium	43-1	24001	24143	23888	24011	0.53	cps
Calcium	44-1	429894	436261	435584	433913	0.81	cps
Carbon	12-1	6012151	6241123	6214939	6156071	2.04	cps
Carbon	12-2	62442	63062	60366	61956	2.28	cps
Chlorine	35-1	2540215	2437355	2408507	2462026	2.81	cps
Chlorine	35-2	13915	13724	13615	13751	1.11	cps
Chromium	52-2	8426	8759	8586	8590	1.94	cps
Cobalt	59-2	6582	6622	6905	6703	2.63	cps
Copper	63-2	12559	12662	12569	12597	0.45	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	83	125	86	43.64	cps
Erbium	164-2	47	43	30	40	22.05	cps
Gadolinium	160-1	100	175	142	139	27.06	cps
Gadolinium	160-2	40	57	33	43	27.74	cps
Holmium	165-1	14133184	14484828	14162865	14260292	1.37	cps
Holmium	165-2	7161332	7016829	7059886	7079349	1.05	cps
Indium	115-1	12917748	13606914	13183748	13236137	2.63	cps
Indium	115-2	2021190	2006228	2034082	2020500	0.69	cps
Iron	54-2	9203	9075	8947	9075	1.41	cps
Iron	56-2	156166	156268	152214	154883	1.49	cps
Iron	57-2	3845	3789	3873	3836	1.11	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:25:19	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	980	1107	1050	6.13	cps
Lead	206-1	10276	10037	10499	10271	2.25	cps
Lead	207-1	8836	8903	8647	8796	1.51	cps
Lead	208-1	40893	40765	41449	41035	0.89	cps
Lithium	6-1	4384581	4332835	4232744	4316720	1.79	cps
Magnesium	24-2	125986	125034	121782	124267	1.77	cps
Manganese	55-2	2224	2017	2077	2106	5.05	cps
Molybdenum	94-1	30008	29273	29607	29629	1.24	cps
Molybdenum	95-1	36373	35112	35103	35529	2.06	cps
Molybdenum	96-1	39766	39874	39306	39649	0.76	cps
Molybdenum	97-1	22101	22486	22819	22469	1.60	cps
Molybdenum	98-1	56223	57394	58466	57361	1.96	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2250	2250	2154	2218	2.52	cps
Phosphorus	31-2	83	108	67	86	24.35	cps
Potassium	39-2	112310	111513	111983	111935	0.36	cps
Rhodium	103-1	12968013	13038291	12491238	12832514	2.32	cps
Rhodium	103-2	5966058	5895645	5902208	5921304	0.66	cps
Scandium	45-1	10114170	10291415	10077708	10161098	1.13	cps
Scandium	45-2	271241	270463	271023	270909	0.15	cps
Selenium	82-1	1195	1327	1207	1243	5.87	cps
Selenium	77-2	37	40	43	40	8.32	cps
Selenium	78-2	144	187	210	180	18.58	cps
Silicon	28-1	643975	636245	650570	643597	1.11	cps
Silver	107-1	17345	17895	16310	17183	4.68	cps
Silver	109-1	15885	16101	15276	15754	2.72	cps
Sodium	23-2	280039	278029	277262	278443	0.51	cps
Strontium	86-1	6752	7169	7085	7002	3.15	cps
Strontium	88-1	44932	45174	45056	45054	0.27	cps
Sulfur	34-1	416219	414431	410189	413613	0.75	cps
Terbium	159-1	14946611	14609147	15020899	14858885	1.48	cps
Terbium	159-2	6926187	6810181	7132469	6956279	2.35	cps
Thallium	203-1	10963	11180	10813	10986	1.68	cps
Thallium	205-1	25451	25851	27547	26283	4.23	cps
Tin	118-1	51891	53840	52962	52898	1.84	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:25:19	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11330	11163	11088	11193	1.11	cps
Uranium	238-1	27013	26729	27138	26960	0.78	cps
Vanadium	51-2	14487	14344	14764	14532	1.47	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	2000	1834	1617	1817	10.58	cps
Ytterbium	176-2	1922	2195	2228	2115	7.93	cps
Yttrium	89-1	32967977	32922475	31434440	32441631	2.69	cps
Yttrium	89-2	3301324	3283312	3263053	3282563	0.58	cps
Zinc	66-2	2017	1970	1947	1978	1.80	cps
Zirconium	90-1	25616	24931	25666	25404	1.62	cps
Zirconium	91-1	5535	5943	5393	5624	5.08	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139265BL Instrumnet Name : P8
 Client Sample ID : PB139265BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:28:21 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	162	139	152	8.07	cps
Antimony	121-1	275	383	567	408	36.11	cps
Arsenic	75-2	14	28	16	19	39.16	cps
Barium	135-1	67	25	25	39	61.86	cps
Barium	137-1	133	183	117	144	24.02	cps
Beryllium	9-1	96	80	74	83	13.64	cps
Bismuth	209-1	7837858	7491821	7940526	7756735	3.03	cps
Bismuth	209-2	4892958	4790754	4822292	4835335	1.08	cps
Boron	10-1	7000	6760	6514	6758	3.60	cps
Boron	11-1	31786	30047	29147	30327	4.42	cps
Bromine	81-1	27124	29070	29341	28512	4.24	cps
Cadmium	111-1	5830	5939	6425	6065	5.22	cps
Cadmium	106-1	8303	8436	9078	8606	4.82	cps
Cadmium	108-1	88	58	67	71	21.21	cps
Calcium	43-1	570	515	594	560	7.22	cps
Calcium	44-1	50278	50045	50288	50204	0.27	cps
Carbon	12-1	5711728	5731689	5667640	5703686	0.57	cps
Carbon	12-2	56117	56769	57990	56959	1.67	cps
Chlorine	35-1	2371296	2214153	2203327	2262926	4.15	cps
Chlorine	35-2	12981	12664	12147	12597	3.34	cps
Chromium	52-2	1133	1020	1123	1092	5.74	cps
Cobalt	59-2	77	93	73	81	13.21	cps
Copper	63-2	1540	1507	1470	1506	2.33	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	92	108	83	94	13.48	cps
Erbium	164-2	13	37	50	33	55.68	cps
Gadolinium	160-1	117	142	167	142	17.65	cps
Gadolinium	160-2	40	27	73	47	51.50	cps
Holmium	165-1	14169232	13786422	14417089	14124248	2.25	cps
Holmium	165-2	7036464	6960379	7061271	7019371	0.75	cps
Indium	115-1	13782768	12791833	13079707	13218103	3.86	cps
Indium	115-2	2008055	1986029	1995291	1996458	0.55	cps
Iron	54-2	744	694	661	700	5.99	cps
Iron	56-2	6524	6635	6613	6591	0.89	cps
Iron	57-2	139	217	200	185	22.11	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BL	Instrumnet Name :	P8
Client Sample ID :	PB139265BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:28:21	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	963	1040	1003	3.83	cps
Lead	206-1	2306	2417	2289	2337	2.97	cps
Lead	207-1	2156	2017	1984	2052	4.45	cps
Lead	208-1	9402	9240	9029	9224	2.02	cps
Lithium	6-1	4234371	4103681	4216124	4184726	1.69	cps
Magnesium	24-2	525	467	550	514	8.32	cps
Manganese	55-2	413	347	287	349	18.16	cps
Molybdenum	94-1	717	800	675	731	8.71	cps
Molybdenum	95-1	433	267	433	378	25.47	cps
Molybdenum	96-1	750	592	600	647	13.77	cps
Molybdenum	97-1	283	300	225	269	14.62	cps
Molybdenum	98-1	633	650	758	681	9.97	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	210	170	188	10.85	cps
Phosphorus	31-2	100	50	58	69	38.57	cps
Potassium	39-2	20565	20665	19998	20409	1.76	cps
Rhodium	103-1	12774263	12168178	12613821	12518754	2.51	cps
Rhodium	103-2	5965429	5895242	5969839	5943503	0.70	cps
Scandium	45-1	10318586	9463044	9975900	9919177	4.34	cps
Scandium	45-2	267525	267374	265658	266852	0.39	cps
Selenium	82-1	-1	47	-27	6	587.57	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	65	80	79	75	11.23	cps
Silicon	28-1	522377	515069	516942	518129	0.73	cps
Silver	107-1	650	767	925	781	17.68	cps
Silver	109-1	542	725	600	622	15.05	cps
Sodium	23-2	36521	36814	36079	36471	1.01	cps
Strontium	86-1	1725	1675	1892	1764	6.43	cps
Strontium	88-1	1233	1158	1183	1192	3.20	cps
Sulfur	34-1	422912	426468	429017	426132	0.72	cps
Terbium	159-1	14595022	13843921	14784325	14407756	3.45	cps
Terbium	159-2	6773666	6854562	6936534	6854921	1.19	cps
Thallium	203-1	1317	1575	1200	1364	14.07	cps
Thallium	205-1	3184	3209	3517	3303	5.62	cps
Tin	118-1	1067	917	842	942	12.17	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BL	Instrumnet Name :	P8
Client Sample ID :	PB139265BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:28:21	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	383	367	394	8.80	cps
Uranium	238-1	58	83	83	75	19.24	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	1658	1700	1817	1725	4.76	cps
Ytterbium	176-2	1967	2145	2311	2141	8.05	cps
Yttrium	89-1	32815150	31121700	32614778	32183876	2.88	cps
Yttrium	89-2	3353626	3251118	3278851	3294532	1.61	cps
Zinc	66-2	617	657	617	630	3.67	cps
Zirconium	90-1	1400	1642	1617	1553	8.56	cps
Zirconium	91-1	258	275	292	275	6.06	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139265BS Instrumnet Name : P8
 Client Sample ID : PB139265BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:31:21 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3416	3580	3466	3487	2.41	cps
Antimony	121-1	44975	44063	44532	44523	1.02	cps
Arsenic	75-2	616	638	684	646	5.37	cps
Barium	135-1	57757	56920	58879	57852	1.70	cps
Barium	137-1	100506	100548	100162	100405	0.21	cps
Beryllium	9-1	6122	6024	6226	6124	1.65	cps
Bismuth	209-1	8009147	8093501	7829122	7977257	1.69	cps
Bismuth	209-2	4821602	4722099	4839875	4794526	1.32	cps
Boron	10-1	18222	19413	20398	19344	5.63	cps
Boron	11-1	83687	90583	93481	89250	5.64	cps
Bromine	81-1	27676	27525	27214	27472	0.86	cps
Cadmium	111-1	11491	11786	12077	11785	2.49	cps
Cadmium	106-1	9036	9128	9203	9123	0.92	cps
Cadmium	108-1	563	567	571	567	0.73	cps
Calcium	43-1	45369	45382	44608	45120	0.98	cps
Calcium	44-1	787456	790176	782763	786798	0.48	cps
Carbon	12-1	5658481	5770644	5814789	5747971	1.40	cps
Carbon	12-2	57338	56359	57270	56989	0.96	cps
Chlorine	35-1	2236087	2110191	1966888	2104389	6.40	cps
Chlorine	35-2	12648	11655	11205	11836	6.24	cps
Chromium	52-2	15572	15575	15549	15565	0.09	cps
Cobalt	59-2	13106	12866	12339	12770	3.07	cps
Copper	63-2	19253	19023	19183	19153	0.62	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	117	83	92	97	17.84	cps
Erbium	164-2	37	43	30	37	18.18	cps
Gadolinium	160-1	108	142	50	100	46.40	cps
Gadolinium	160-2	43	80	63	62	29.51	cps
Holmium	165-1	13953897	13914845	14415100	14094614	1.97	cps
Holmium	165-2	7132387	6879862	7127418	7046555	2.05	cps
Indium	115-1	13035058	13222974	13258777	13172270	0.91	cps
Indium	115-2	2060374	1918885	1983116	1987458	3.56	cps
Iron	54-2	42536	43360	43845	43247	1.53	cps
Iron	56-2	790355	779341	773502	781066	1.10	cps
Iron	57-2	19864	19258	19107	19410	2.06	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139265BS Instrumnet Name : P8
 Client Sample ID : PB139265BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 16:31:21 DataFile Name : 025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1090	1080	1037	8.09	cps
Lead	206-1	16144	16761	16572	16492	1.92	cps
Lead	207-1	14291	14614	14469	14458	1.12	cps
Lead	208-1	65956	66211	66028	66065	0.20	cps
Lithium	6-1	4261767	4407272	4205556	4291532	2.43	cps
Magnesium	24-2	233240	235774	238556	235857	1.13	cps
Manganese	55-2	4001	3691	3661	3784	4.98	cps
Molybdenum	94-1	54667	57219	55059	55648	2.47	cps
Molybdenum	95-1	68871	68067	67365	68101	1.11	cps
Molybdenum	96-1	76268	74869	77173	76103	1.53	cps
Molybdenum	97-1	42065	42307	41062	41811	1.58	cps
Molybdenum	98-1	107591	110028	108212	108611	1.17	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	4207	3874	3884	3988	4.76	cps
Phosphorus	31-2	100	100	92	97	4.95	cps
Potassium	39-2	197302	198865	198696	198288	0.43	cps
Rhodium	103-1	13207446	12893321	13111101	13070623	1.23	cps
Rhodium	103-2	6000277	5753225	5796159	5849887	2.26	cps
Scandium	45-1	10272440	10341519	10115939	10243299	1.13	cps
Scandium	45-2	272929	262326	270786	268680	2.09	cps
Selenium	82-1	2592	2402	2405	2466	4.43	cps
Selenium	77-2	50	67	73	63	18.98	cps
Selenium	78-2	264	273	268	268	1.68	cps
Silicon	28-1	723098	731400	730569	728356	0.63	cps
Silver	107-1	31153	30810	31871	31278	1.73	cps
Silver	109-1	29207	30477	30250	29978	2.26	cps
Sodium	23-2	489899	501001	489645	493515	1.31	cps
Strontium	86-1	11071	11572	11939	11527	3.78	cps
Strontium	88-1	84581	82202	85160	83981	1.87	cps
Sulfur	34-1	426415	426687	428664	427255	0.29	cps
Terbium	159-1	15132033	14957109	14840735	14976626	0.98	cps
Terbium	159-2	6954600	6828649	6815564	6866271	1.12	cps
Thallium	203-1	19532	18981	19715	19409	1.97	cps
Thallium	205-1	46418	47061	45731	46403	1.43	cps
Tin	118-1	99008	97388	97246	97881	1.00	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139265BS	Instrumnet Name :	P8
Client Sample ID :	PB139265BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:31:21	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21283	21742	21316	21447	1.19	cps
Uranium	238-1	52317	51012	51397	51575	1.30	cps
Vanadium	51-2	27800	27323	27573	27565	0.87	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	33	17	22	24	35.24	cps
Ytterbium	176-1	1792	2034	1767	1864	7.90	cps
Ytterbium	176-2	1950	1922	2284	2052	9.79	cps
Yttrium	89-1	32336069	32452595	32617804	32468822	0.44	cps
Yttrium	89-2	3306001	3202660	3235021	3247894	1.63	cps
Zinc	66-2	4924	4891	4791	4869	1.43	cps
Zirconium	90-1	46554	47850	47499	47301	1.42	cps
Zirconium	91-1	9862	10279	9954	10032	2.18	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7722	7744	7387	7618	2.62	cps
Antimony	121-1	1250	1233	1359	1281	5.30	cps
Arsenic	75-2	224	222	194	213	7.86	cps
Barium	135-1	134297	133993	131376	133222	1.21	cps
Barium	137-1	232036	235236	228740	232004	1.40	cps
Beryllium	9-1	106	114	80	100	17.78	cps
Bismuth	209-1	7890453	8269872	7934526	8031617	2.58	cps
Bismuth	209-2	4902715	4861242	4787857	4850605	1.20	cps
Boron	10-1	17165	18007	18168	17780	3.03	cps
Boron	11-1	79414	83866	84180	82486	3.23	cps
Bromine	81-1	68327	78850	88115	78431	12.62	cps
Cadmium	111-1	6098	6454	6202	6251	2.93	cps
Cadmium	106-1	8620	9103	8711	8811	2.91	cps
Cadmium	108-1	75	50	42	56	31.22	cps
Calcium	43-1	1191732	1169050	1178712	1179831	0.96	cps
Calcium	44-1	19464812	19751107	19196420	19470779	1.42	cps
Carbon	12-1	11735202	12282590	13142253	12386682	5.73	cps
Carbon	12-2	135919	140285	145923	140709	3.56	cps
Chlorine	35-1	2802501	2844176	2965570	2870749	2.95	cps
Chlorine	35-2	19197	20290	19480	19655	2.89	cps
Chromium	52-2	2080	2024	2010	2038	1.82	cps
Cobalt	59-2	960	940	1053	984	6.14	cps
Copper	63-2	7745	7322	7655	7574	2.95	cps
Dysprosium	156-1	467	475	508	483	4.56	cps
Dysprosium	156-2	207	190	197	198	4.24	cps
Erbium	164-1	592	450	442	494	17.05	cps
Erbium	164-2	207	180	210	199	8.27	cps
Gadolinium	160-1	592	508	733	611	18.61	cps
Gadolinium	160-2	277	303	340	307	10.37	cps
Holmium	165-1	13860582	14406834	14433133	14233516	2.27	cps
Holmium	165-2	7224560	7083733	6954173	7087489	1.91	cps
Indium	115-1	13089468	12965530	13329196	13128065	1.41	cps
Indium	115-2	2036666	2030712	1974519	2013966	1.70	cps
Iron	54-2	32460	31569	31001	31676	2.32	cps
Iron	56-2	564182	552984	561868	559678	1.06	cps
Iron	57-2	13935	14319	14219	14157	1.41	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	903	987	1009	11.72	cps
Lead	206-1	3934	3962	3890	3928	0.93	cps
Lead	207-1	3034	2923	3278	3078	5.91	cps
Lead	208-1	14642	14609	14826	14692	0.79	cps
Lithium	6-1	4434971	4528187	4604992	4522716	1.88	cps
Magnesium	24-2	2373632	2364695	2410307	2382878	1.01	cps
Manganese	55-2	54992	55243	53851	54696	1.36	cps
Molybdenum	94-1	2884	2859	3117	2953	4.83	cps
Molybdenum	95-1	4092	4126	3909	4042	2.89	cps
Molybdenum	96-1	4442	4376	4301	4373	1.62	cps
Molybdenum	97-1	2550	2459	2275	2428	5.77	cps
Molybdenum	98-1	5860	5651	6085	5865	3.70	cps
Neodymium	150-1	480	567	513	520	8.41	cps
Neodymium	150-2	183	193	167	181	7.44	cps
Nickel	60-2	893	947	997	946	5.47	cps
Phosphorus	31-2	250	242	208	233	9.45	cps
Potassium	39-2	457536	456623	452469	455542	0.59	cps
Rhodium	103-1	12538083	12914527	12631946	12694852	1.54	cps
Rhodium	103-2	5915896	6005387	5787197	5902827	1.86	cps
Scandium	45-1	9873447	10317421	10345926	10178931	2.60	cps
Scandium	45-2	275933	276203	275092	275743	0.21	cps
Selenium	82-1	-37	169	118	83	129.17	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	72	66	73	70	5.38	cps
Silicon	28-1	33783510	33038533	32738404	33186816	1.62	cps
Silver	107-1	517	508	450	492	7.39	cps
Silver	109-1	508	483	383	458	14.43	cps
Sodium	23-2	12600705	12525981	12605995	12577560	0.36	cps
Strontium	86-1	654036	650751	643350	649379	0.84	cps
Strontium	88-1	5763173	5860960	5735546	5786560	1.14	cps
Sulfur	34-1	878035	861334	868342	869237	0.96	cps
Terbium	159-1	14903691	15183747	15364274	15150570	1.53	cps
Terbium	159-2	7092851	7265282	7017704	7125279	1.78	cps
Thallium	203-1	1042	1175	1025	1081	7.61	cps
Thallium	205-1	2750	2300	2659	2570	9.26	cps
Tin	118-1	1500	1508	1608	1539	3.92	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:40:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6152	5901	6552	6202	5.29	cps
Uranium	238-1	7628	7703	7736	7689	0.72	cps
Vanadium	51-2	2470	2234	2454	2386	5.54	cps
Ytterbium	172-1	292	325	233	283	16.38	cps
Ytterbium	172-2	133	139	100	124	16.95	cps
Ytterbium	176-1	2192	1842	2175	2070	9.54	cps
Ytterbium	176-2	1850	2289	2372	2171	12.93	cps
Yttrium	89-1	31716672	33184800	32930957	32610810	2.41	cps
Yttrium	89-2	3369391	3424989	3310213	3368198	1.70	cps
Zinc	66-2	14791	14521	14161	14491	2.18	cps
Zirconium	90-1	2159	2309	2542	2336	8.27	cps
Zirconium	91-1	442	450	425	439	2.90	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10669	10038	10447	10385	3.08	cps
Antimony	121-1	2400	2459	2642	2500	5.05	cps
Arsenic	75-2	1378	1435	1533	1449	5.41	cps
Barium	135-1	328641	324845	330642	328043	0.90	cps
Barium	137-1	576068	592404	569342	579271	2.05	cps
Beryllium	9-1	112	152	162	142	18.63	cps
Bismuth	209-1	7896355	8198906	8485801	8193687	3.60	cps
Bismuth	209-2	4802857	4802561	4944503	4849974	1.69	cps
Boron	10-1	32894	33748	34083	33575	1.83	cps
Boron	11-1	154276	161702	165952	160643	3.68	cps
Bromine	81-1	125092	139842	150776	138570	9.30	cps
Cadmium	111-1	6260	6379	6602	6413	2.70	cps
Cadmium	106-1	8878	9053	9303	9078	2.35	cps
Cadmium	108-1	96	54	75	75	27.77	cps
Calcium	43-1	1174057	1200382	1192728	1189056	1.14	cps
Calcium	44-1	19881386	19610492	19281972	19591283	1.53	cps
Carbon	12-1	13292721	13962083	14399544	13884783	4.01	cps
Carbon	12-2	148311	148742	150601	149218	0.82	cps
Chlorine	35-1	2989633	2964877	2980077	2978196	0.42	cps
Chlorine	35-2	18971	18921	18178	18690	2.38	cps
Chromium	52-2	4841	4978	5161	4993	3.22	cps
Cobalt	59-2	20214	20174	20261	20217	0.21	cps
Copper	63-2	20655	19794	19761	20070	2.53	cps
Dysprosium	156-1	1950	1942	1850	1914	2.90	cps
Dysprosium	156-2	847	790	887	841	5.78	cps
Erbium	164-1	1792	1625	1642	1686	5.44	cps
Erbium	164-2	733	710	743	729	2.35	cps
Gadolinium	160-1	1884	2050	2134	2022	6.29	cps
Gadolinium	160-2	1177	1073	1103	1118	4.76	cps
Holmium	165-1	14459849	14665507	14947406	14690921	1.67	cps
Holmium	165-2	7096016	7164860	7068383	7109753	0.70	cps
Indium	115-1	13248372	13366952	13503902	13373075	0.96	cps
Indium	115-2	2037237	1995795	2033913	2022315	1.14	cps
Iron	54-2	2700165	2720767	2732885	2717939	0.61	cps
Iron	56-2	48816940	48016386	47734884	48189403	1.16	cps
Iron	57-2	1197185	1178244	1189766	1188398	0.80	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	1000	1067	1012	4.89	cps
Lead	206-1	10138	9543	10054	9911	3.25	cps
Lead	207-1	7791	7980	8086	7953	1.88	cps
Lead	208-1	38034	37394	38501	37976	1.46	cps
Lithium	6-1	4472027	4528520	4547790	4516112	0.87	cps
Magnesium	24-2	2297194	2230233	2229518	2252315	1.73	cps
Manganese	55-2	3554010	3577661	3591785	3574485	0.53	cps
Molybdenum	94-1	3909	3584	3567	3687	5.23	cps
Molybdenum	95-1	3767	3926	4417	4037	8.40	cps
Molybdenum	96-1	5209	5618	5284	5371	4.05	cps
Molybdenum	97-1	2550	2350	2225	2375	6.90	cps
Molybdenum	98-1	5776	5751	5785	5771	0.30	cps
Neodymium	150-1	2660	2594	2760	2671	3.14	cps
Neodymium	150-2	860	970	907	912	6.05	cps
Nickel	60-2	10404	10394	10064	10287	1.88	cps
Phosphorus	31-2	967	950	808	908	9.58	cps
Potassium	39-2	806407	795941	793897	798749	0.84	cps
Rhodium	103-1	12774623	12954698	13119471	12949597	1.33	cps
Rhodium	103-2	5906882	5977750	5926467	5937033	0.62	cps
Scandium	45-1	10243893	10215193	10582158	10347081	1.97	cps
Scandium	45-2	268472	268312	273548	270111	1.10	cps
Selenium	82-1	179	143	91	138	32.39	cps
Selenium	77-2	20	10	13	14	35.26	cps
Selenium	78-2	88	83	84	85	3.11	cps
Silicon	28-1	47128257	47486997	48167534	47594263	1.11	cps
Silver	107-1	1208	1458	1442	1370	10.21	cps
Silver	109-1	1283	1267	1167	1239	5.09	cps
Sodium	23-2	12212106	11834420	12007274	12017933	1.57	cps
Strontium	86-1	521218	523548	522577	522447	0.22	cps
Strontium	88-1	4493585	4617208	4551978	4554257	1.36	cps
Sulfur	34-1	2388883	2394577	2426602	2403354	0.85	cps
Terbium	159-1	15198888	15213158	15615680	15342575	1.54	cps
Terbium	159-2	7131739	6986754	7140572	7086355	1.22	cps
Thallium	203-1	1008	1192	1033	1078	9.22	cps
Thallium	205-1	2200	2592	2109	2300	11.16	cps
Tin	118-1	1108	1275	1167	1183	7.15	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-03	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:43:23	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7294	7285	7385	7322	0.76	cps
Uranium	238-1	1367	1533	1617	1506	8.46	cps
Vanadium	51-2	3510	3574	3597	3560	1.26	cps
Ytterbium	172-1	708	608	617	644	8.61	cps
Ytterbium	172-2	378	456	344	393	14.52	cps
Ytterbium	176-1	2175	2292	2400	2289	4.92	cps
Ytterbium	176-2	2134	2623	2567	2441	10.97	cps
Yttrium	89-1	32396361	32835180	33404600	32878714	1.54	cps
Yttrium	89-2	3323097	3338362	3298627	3320028	0.60	cps
Zinc	66-2	13964	14251	14064	14093	1.03	cps
Zirconium	90-1	4076	4184	3951	4070	2.87	cps
Zirconium	91-1	883	850	917	883	3.77	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6337	6226	6248	6270	0.94	cps
Antimony	121-1	3609	3384	3592	3528	3.55	cps
Arsenic	75-2	343	306	324	324	5.70	cps
Barium	135-1	152918	150606	154714	152746	1.35	cps
Barium	137-1	265566	263162	267074	265267	0.74	cps
Beryllium	9-1	68	90	120	93	28.17	cps
Bismuth	209-1	8243838	8117209	7896941	8085996	2.17	cps
Bismuth	209-2	4817739	4825683	4810663	4818028	0.16	cps
Boron	10-1	28865	29844	29983	29564	2.06	cps
Boron	11-1	133686	140851	142642	139060	3.41	cps
Bromine	81-1	97357	106985	116418	106920	8.91	cps
Cadmium	111-1	6550	6565	6479	6531	0.70	cps
Cadmium	106-1	9245	9270	9170	9228	0.56	cps
Cadmium	108-1	67	58	63	63	6.67	cps
Calcium	43-1	1256383	1301967	1260315	1272888	1.98	cps
Calcium	44-1	20802058	20831798	20221275	20618377	1.67	cps
Carbon	12-1	11141123	11853727	12270226	11755025	4.86	cps
Carbon	12-2	131872	132580	131226	131893	0.51	cps
Chlorine	35-1	3632649	3739344	3810752	3727582	2.40	cps
Chlorine	35-2	24964	24262	24630	24619	1.42	cps
Chromium	52-2	2634	2827	2760	2740	3.58	cps
Cobalt	59-2	1600	1650	1680	1643	2.46	cps
Copper	63-2	18205	18132	18312	18216	0.50	cps
Dysprosium	156-1	833	967	1083	961	13.02	cps
Dysprosium	156-2	437	573	500	503	13.59	cps
Erbium	164-1	417	567	533	506	15.58	cps
Erbium	164-2	237	203	203	214	8.97	cps
Gadolinium	160-1	1167	1192	1075	1145	5.37	cps
Gadolinium	160-2	590	593	593	592	0.32	cps
Holmium	165-1	14714906	14885364	14268769	14623013	2.18	cps
Holmium	165-2	7333598	7106231	7148254	7196028	1.68	cps
Indium	115-1	13541385	13640340	13113568	13431764	2.08	cps
Indium	115-2	2046926	2052513	2015998	2038479	0.96	cps
Iron	54-2	59278	59881	59340	59500	0.56	cps
Iron	56-2	1081389	1100090	1076123	1085867	1.16	cps
Iron	57-2	27444	26976	26820	27080	1.20	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1000	1070	1052	4.37	cps
Lead	206-1	4245	4190	4340	4258	1.78	cps
Lead	207-1	3306	3573	3467	3449	3.90	cps
Lead	208-1	16944	16705	16454	16701	1.46	cps
Lithium	6-1	4503179	4554905	4518881	4525655	0.59	cps
Magnesium	24-2	2505697	2477871	2513755	2499107	0.75	cps
Manganese	55-2	197749	193957	194117	195274	1.10	cps
Molybdenum	94-1	5693	5368	5768	5610	3.79	cps
Molybdenum	95-1	8128	7927	8394	8150	2.87	cps
Molybdenum	96-1	8586	8586	8853	8675	1.78	cps
Molybdenum	97-1	5301	4809	5209	5107	5.12	cps
Molybdenum	98-1	12931	12739	13315	12995	2.25	cps
Neodymium	150-1	533	520	480	511	5.43	cps
Neodymium	150-2	143	160	153	152	5.51	cps
Nickel	60-2	2154	2057	1997	2069	3.82	cps
Phosphorus	31-2	2325	2059	2359	2247	7.32	cps
Potassium	39-2	709585	707268	700620	705825	0.66	cps
Rhodium	103-1	13282806	13068227	12984564	13111866	1.17	cps
Rhodium	103-2	5955189	6047989	5937477	5980218	0.99	cps
Scandium	45-1	10567744	10550033	10262447	10460075	1.64	cps
Scandium	45-2	275998	280709	274855	277188	1.12	cps
Selenium	82-1	23	63	107	64	65.72	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	73	76	81	77	5.27	cps
Silicon	28-1	36243153	35705416	35750245	35899605	0.83	cps
Silver	107-1	517	392	475	461	13.80	cps
Silver	109-1	383	325	342	350	8.59	cps
Sodium	23-2	17167649	16456962	16766748	16797120	2.12	cps
Strontium	86-1	697936	708105	714756	706932	1.20	cps
Strontium	88-1	6278075	6228114	6325046	6277078	0.77	cps
Sulfur	34-1	1067821	1068147	1076067	1070678	0.44	cps
Terbium	159-1	15417439	15356731	15191562	15321910	0.76	cps
Terbium	159-2	7025459	7060478	6951443	7012460	0.79	cps
Thallium	203-1	767	750	958	825	14.03	cps
Thallium	205-1	2050	2242	2134	2142	4.49	cps
Tin	118-1	6218	6568	6493	6427	2.87	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:46:19	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5576	5451	5409	5479	1.58	cps
Uranium	238-1	5643	5293	5476	5471	3.20	cps
Vanadium	51-2	2654	2584	2624	2620	1.34	cps
Ytterbium	172-1	275	275	292	281	3.43	cps
Ytterbium	172-2	144	128	122	131	8.80	cps
Ytterbium	176-1	2159	2092	2084	2111	1.95	cps
Ytterbium	176-2	2039	2156	2211	2135	4.12	cps
Yttrium	89-1	33891677	32995590	32897026	33261431	1.65	cps
Yttrium	89-2	3290037	3332469	3313392	3311966	0.64	cps
Zinc	66-2	15495	15215	15502	15404	1.06	cps
Zirconium	90-1	2875	2284	3075	2745	15.00	cps
Zirconium	91-1	642	658	600	633	4.74	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7524	7358	7417	7433	1.13	cps
Antimony	121-1	3275	3451	3359	3362	2.60	cps
Arsenic	75-2	279	273	321	291	8.99	cps
Barium	135-1	154698	148118	158177	153664	3.32	cps
Barium	137-1	267919	255397	264913	262743	2.49	cps
Beryllium	9-1	82	80	90	84	6.30	cps
Bismuth	209-1	7379380	6850523	7428965	7219623	4.44	cps
Bismuth	209-2	4931868	4739879	4721666	4797804	2.43	cps
Boron	10-1	29356	29065	31646	30022	4.71	cps
Boron	11-1	136374	141038	146000	141137	3.41	cps
Bromine	81-1	98677	106340	117034	107350	8.59	cps
Cadmium	111-1	5854	5687	6195	5912	4.38	cps
Cadmium	106-1	8311	7961	8745	8339	4.71	cps
Cadmium	108-1	67	75	67	69	6.93	cps
Calcium	43-1	1263259	1252975	1330301	1282178	3.27	cps
Calcium	44-1	20727695	20332256	21468207	20842719	2.77	cps
Carbon	12-1	11513892	12619471	13545371	12559578	8.10	cps
Carbon	12-2	138795	135784	140024	138201	1.58	cps
Chlorine	35-1	3886675	3871654	4172537	3976955	4.26	cps
Chlorine	35-2	25999	26575	26951	26508	1.81	cps
Chromium	52-2	2200	2427	2287	2305	4.96	cps
Cobalt	59-2	1603	1590	1500	1565	3.59	cps
Copper	63-2	17601	17855	17464	17640	1.12	cps
Dysprosium	156-1	1008	1075	883	989	9.84	cps
Dysprosium	156-2	513	460	507	493	5.89	cps
Erbium	164-1	392	475	475	447	10.76	cps
Erbium	164-2	227	217	260	234	9.68	cps
Gadolinium	160-1	1100	1117	1067	1095	2.33	cps
Gadolinium	160-2	467	627	637	577	16.54	cps
Holmium	165-1	13741745	12984083	13495787	13407205	2.88	cps
Holmium	165-2	7358904	7215361	7067533	7213933	2.02	cps
Indium	115-1	12894106	12043825	12158711	12365547	3.73	cps
Indium	115-2	2027911	2025125	2044653	2032563	0.52	cps
Iron	54-2	59267	60472	58882	59540	1.39	cps
Iron	56-2	1081395	1074426	1083327	1079716	0.43	cps
Iron	57-2	27638	27382	26993	27338	1.19	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1200	973	1068	11.05	cps
Lead	206-1	4245	4179	4040	4154	2.52	cps
Lead	207-1	3228	3367	3473	3356	3.65	cps
Lead	208-1	15910	16110	15932	15984	0.69	cps
Lithium	6-1	4051163	3892983	4191660	4045269	3.69	cps
Magnesium	24-2	2502421	2511621	2527360	2513801	0.50	cps
Manganese	55-2	195069	197755	198252	197025	0.87	cps
Molybdenum	94-1	5076	5626	5293	5332	5.20	cps
Molybdenum	95-1	8236	8411	8094	8247	1.92	cps
Molybdenum	96-1	9103	8561	9078	8914	3.43	cps
Molybdenum	97-1	4976	4568	5418	4987	8.53	cps
Molybdenum	98-1	12523	12706	12856	12695	1.32	cps
Neodymium	150-1	680	653	653	662	2.32	cps
Neodymium	150-2	213	210	193	206	5.21	cps
Nickel	60-2	2200	2147	2130	2159	1.69	cps
Phosphorus	31-2	2075	2434	2175	2228	8.30	cps
Potassium	39-2	710628	703415	716716	710253	0.94	cps
Rhodium	103-1	11933539	11596906	11963714	11831386	1.72	cps
Rhodium	103-2	5909612	6012931	5999682	5974075	0.94	cps
Scandium	45-1	9679067	9145172	9367552	9397263	2.85	cps
Scandium	45-2	275502	278732	278216	277483	0.63	cps
Selenium	82-1	80	23	195	99	88.38	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	89	54	87	77	25.63	cps
Silicon	28-1	35374521	35713485	37562684	36216897	3.25	cps
Silver	107-1	442	358	383	394	10.84	cps
Silver	109-1	225	308	317	283	17.89	cps
Sodium	23-2	17010165	16852872	16885930	16916323	0.49	cps
Strontium	86-1	707995	709582	728749	715442	1.61	cps
Strontium	88-1	6350799	6179992	6213963	6248252	1.45	cps
Sulfur	34-1	1040696	1052514	1081920	1058377	2.01	cps
Terbium	159-1	14349581	13210100	13964611	13841430	4.19	cps
Terbium	159-2	7208182	6999309	7124677	7110723	1.48	cps
Thallium	203-1	900	900	892	897	0.54	cps
Thallium	205-1	2184	2009	1909	2034	6.85	cps
Tin	118-1	2734	2642	2867	2748	4.12	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:49:13	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5685	5660	5460	5601	2.20	cps
Uranium	238-1	5626	5401	6227	5751	7.42	cps
Vanadium	51-2	2370	2574	2514	2486	4.20	cps
Ytterbium	172-1	258	233	250	247	5.15	cps
Ytterbium	172-2	150	106	156	137	20.00	cps
Ytterbium	176-1	1967	1650	1942	1853	9.50	cps
Ytterbium	176-2	2072	2300	2106	2159	5.70	cps
Yttrium	89-1	31929414	30011332	30227723	30722823	3.42	cps
Yttrium	89-2	3304237	3391847	3368342	3354808	1.35	cps
Zinc	66-2	16813	16700	16750	16754	0.34	cps
Zirconium	90-1	3409	2934	2842	3062	9.94	cps
Zirconium	91-1	600	683	542	608	11.71	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6916	6888	6631	6812	2.31	cps
Antimony	121-1	1217	933	1058	1070	13.28	cps
Arsenic	75-2	182	178	149	170	10.61	cps
Barium	135-1	112306	111474	112542	112107	0.50	cps
Barium	137-1	193936	194696	196536	195056	0.69	cps
Beryllium	9-1	94	124	96	105	16.03	cps
Bismuth	209-1	8032854	8068035	8154813	8085234	0.78	cps
Bismuth	209-2	4802068	4804276	4853121	4819822	0.60	cps
Boron	10-1	13912	14224	14957	14364	3.73	cps
Boron	11-1	64582	69400	70739	68240	4.74	cps
Bromine	81-1	67623	73929	82073	74542	9.72	cps
Cadmium	111-1	6448	6370	5925	6248	4.51	cps
Cadmium	106-1	9103	8937	8303	8781	4.81	cps
Cadmium	108-1	100	63	58	74	31.18	cps
Calcium	43-1	991580	992234	994258	992691	0.14	cps
Calcium	44-1	16554214	16687027	16970496	16737245	1.27	cps
Carbon	12-1	10876303	11582782	12445625	11634903	6.76	cps
Carbon	12-2	125047	126131	128981	126720	1.60	cps
Chlorine	35-1	3505124	3574133	3585382	3554880	1.22	cps
Chlorine	35-2	23520	22735	22701	22985	2.01	cps
Chromium	52-2	1777	1903	1983	1888	5.52	cps
Cobalt	59-2	787	980	930	899	11.16	cps
Copper	63-2	7952	8002	7725	7893	1.87	cps
Dysprosium	156-1	367	358	383	369	3.45	cps
Dysprosium	156-2	173	213	177	188	11.82	cps
Erbium	164-1	458	400	392	417	8.72	cps
Erbium	164-2	220	197	180	199	10.10	cps
Gadolinium	160-1	500	458	375	444	14.32	cps
Gadolinium	160-2	237	240	167	214	19.31	cps
Holmium	165-1	14969293	14208103	14627071	14601489	2.61	cps
Holmium	165-2	7028503	7209838	7076326	7104889	1.32	cps
Indium	115-1	13595066	13207739	13476887	13426564	1.48	cps
Indium	115-2	2051348	2013789	2057020	2040719	1.15	cps
Iron	54-2	27054	27327	27059	27147	0.57	cps
Iron	56-2	493725	485680	477076	485494	1.71	cps
Iron	57-2	12089	12500	12417	12335	1.76	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	983	1077	991	8.27	cps
Lead	206-1	3523	3767	3773	3688	3.87	cps
Lead	207-1	3217	3262	2962	3147	5.15	cps
Lead	208-1	14526	14642	14226	14465	1.49	cps
Lithium	6-1	4359021	4464276	4535521	4452939	1.99	cps
Magnesium	24-2	2107544	1992988	2035035	2045189	2.83	cps
Manganese	55-2	46281	46960	46047	46430	1.02	cps
Molybdenum	94-1	2817	2650	2834	2767	3.66	cps
Molybdenum	95-1	3451	3559	3292	3434	3.91	cps
Molybdenum	96-1	4009	4159	3759	3976	5.08	cps
Molybdenum	97-1	1900	1917	2225	2014	9.09	cps
Molybdenum	98-1	5710	5126	5410	5415	5.39	cps
Neodymium	150-1	360	427	453	413	11.63	cps
Neodymium	150-2	150	140	150	147	3.94	cps
Nickel	60-2	1067	1053	1017	1046	2.48	cps
Phosphorus	31-2	217	200	183	200	8.33	cps
Potassium	39-2	381300	386774	384113	384062	0.71	cps
Rhodium	103-1	13239264	13062321	13277398	13192994	0.87	cps
Rhodium	103-2	5925032	5844134	5899198	5889455	0.70	cps
Scandium	45-1	10536349	10465417	10655349	10552372	0.91	cps
Scandium	45-2	275468	279554	276743	277255	0.75	cps
Selenium	82-1	173	89	9	90	90.90	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	75	81	70	75	7.31	cps
Silicon	28-1	27966451	27712018	28496249	28058239	1.43	cps
Silver	107-1	392	325	342	353	9.83	cps
Silver	109-1	100	208	142	150	36.43	cps
Sodium	23-2	10849241	10796318	10560032	10735197	1.43	cps
Strontium	86-1	542771	563230	553398	553133	1.85	cps
Strontium	88-1	4819635	4913511	4908630	4880592	1.08	cps
Sulfur	34-1	798723	795513	784391	792876	0.95	cps
Terbium	159-1	15220828	15385724	15440593	15349048	0.75	cps
Terbium	159-2	7270191	6958651	7044949	7091264	2.27	cps
Thallium	203-1	867	908	1017	931	8.32	cps
Thallium	205-1	2317	2367	2450	2378	2.83	cps
Tin	118-1	1733	1775	1909	1806	5.06	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 16:55:54	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5944	5693	5401	5679	4.78	cps
Uranium	238-1	6177	6285	6394	6285	1.73	cps
Vanadium	51-2	2037	2047	2037	2040	0.28	cps
Ytterbium	172-1	250	250	208	236	10.19	cps
Ytterbium	172-2	78	217	194	163	45.78	cps
Ytterbium	176-1	1934	1917	1759	1870	5.17	cps
Ytterbium	176-2	1867	2450	2250	2189	13.54	cps
Yttrium	89-1	33529150	33578330	34239694	33782391	1.17	cps
Yttrium	89-2	3382225	3269812	3363531	3338523	1.80	cps
Zinc	66-2	12999	13687	13076	13254	2.84	cps
Zirconium	90-1	2817	2934	2926	2892	2.25	cps
Zirconium	91-1	442	617	550	536	16.47	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCV56 Instrumnet Name : P8
 Client Sample ID : CCV56 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 17:07:47 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4170100	4146483	4127951	4148178	0.51	cps
Antimony	121-1	5493593	5434054	5636716	5521455	1.89	cps
Arsenic	75-2	167315	168479	169228	168341	0.57	cps
Barium	135-1	7390212	7367313	7343231	7366919	0.32	cps
Barium	137-1	12713879	12683965	12860982	12752942	0.74	cps
Beryllium	9-1	1514097	1540895	1552305	1535766	1.28	cps
Bismuth	209-1	7553230	7501417	7560872	7538506	0.43	cps
Bismuth	209-2	4526109	4511818	4501253	4513060	0.28	cps
Boron	10-1	165667	173285	177610	172188	3.51	cps
Boron	11-1	772393	806103	814132	797543	2.78	cps
Bromine	81-1	30154	29441	29371	29655	1.46	cps
Cadmium	111-1	1578181	1590541	1617118	1595280	1.25	cps
Cadmium	106-1	181359	180965	179054	180459	0.68	cps
Cadmium	108-1	115777	116474	117394	116548	0.70	cps
Calcium	43-1	12914577	12822132	13001310	12912673	0.69	cps
Calcium	44-1	209183541	206522423	208274174	207993380	0.65	cps
Carbon	12-1	7253003	7511982	7480275	7415086	1.91	cps
Carbon	12-2	78778	79315	81476	79856	1.79	cps
Chlorine	35-1	2438766	2368923	2333790	2380493	2.24	cps
Chlorine	35-2	12756	12764	12497	12673	1.20	cps
Chromium	52-2	1782232	1797475	1865949	1815219	2.46	cps
Cobalt	59-2	3277128	3189035	3187631	3217931	1.59	cps
Copper	63-2	25447793	25562715	25268877	25426462	0.58	cps
Dysprosium	156-1	1167	933	1192	1097	12.99	cps
Dysprosium	156-2	653	490	527	557	15.40	cps
Erbium	164-1	208	167	208	194	12.37	cps
Erbium	164-2	120	103	133	119	12.64	cps
Gadolinium	160-1	1367	1217	1117	1233	10.20	cps
Gadolinium	160-2	623	697	623	648	6.54	cps
Holmium	165-1	14417795	14162522	14764864	14448393	2.09	cps
Holmium	165-2	7290227	7247446	7235698	7257791	0.40	cps
Indium	115-1	12898681	12883863	12950604	12911049	0.27	cps
Indium	115-2	1962206	1941072	1980121	1961133	1.00	cps
Iron	54-2	19174996	18934882	19146503	19085461	0.69	cps
Iron	56-2	352533897	350491586	345451241	349492241	1.04	cps
Iron	57-2	8856577	8685118	8865030	8802242	1.15	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:07:47	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	913	1027	987	6.45	cps
Lead	206-1	18545779	18677686	18996564	18740009	1.24	cps
Lead	207-1	16195996	16069088	16465862	16243649	1.25	cps
Lead	208-1	75135563	74338228	75090929	74854907	0.60	cps
Lithium	6-1	4294829	4520946	4506852	4440876	2.85	cps
Magnesium	24-2	60555624	60989774	60589276	60711558	0.40	cps
Manganese	55-2	9147134	9006809	9245497	9133147	1.31	cps
Molybdenum	94-1	14461040	14546076	14671719	14559612	0.73	cps
Molybdenum	95-1	17534250	17408684	17549829	17497588	0.44	cps
Molybdenum	96-1	18996720	19032668	19652214	19227200	1.92	cps
Molybdenum	97-1	10383920	10559791	10709797	10551169	1.55	cps
Molybdenum	98-1	27134631	27834851	27615441	27528308	1.30	cps
Neodymium	150-1	353	320	427	367	14.88	cps
Neodymium	150-2	3	27	30	20	72.66	cps
Nickel	60-2	912087	907195	900350	906544	0.65	cps
Phosphorus	31-2	28980	27435	27886	28100	2.83	cps
Potassium	39-2	22913404	23150045	23549849	23204433	1.39	cps
Rhodium	103-1	11974171	12426865	12123917	12174984	1.89	cps
Rhodium	103-2	5535087	5540233	5566645	5547322	0.31	cps
Scandium	45-1	10305660	10079463	10509851	10298325	2.09	cps
Scandium	45-2	279803	276470	277880	278051	0.60	cps
Selenium	82-1	120312	119973	120051	120112	0.15	cps
Selenium	77-2	3130	3264	3304	3233	2.81	cps
Selenium	78-2	11143	11194	11131	11156	0.30	cps
Silicon	28-1	5069267	5434255	5436352	5313291	3.98	cps
Silver	107-1	8267924	8231778	8336904	8278868	0.65	cps
Silver	109-1	7666475	7780188	7935129	7793930	1.73	cps
Sodium	23-2	118249523	117188082	118030703	117822769	0.48	cps
Strontium	86-1	22787156	22401464	22049398	22412673	1.65	cps
Strontium	88-1	195735354	197300167	192473021	195169514	1.26	cps
Sulfur	34-1	919125	912781	920345	917417	0.44	cps
Terbium	159-1	15145759	15188153	14975550	15103154	0.75	cps
Terbium	159-2	7170499	7103308	6910639	7061482	1.91	cps
Thallium	203-1	4657099	4578984	4763531	4666538	1.99	cps
Thallium	205-1	10761816	10893343	11036749	10897303	1.26	cps
Tin	118-1	5086163	5018033	5167280	5090492	1.47	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P8
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:07:47	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5531074	5439441	5532477	5500997	0.97	cps
Uranium	238-1	14504724	14319505	14214970	14346399	1.02	cps
Vanadium	51-2	1441303	1424342	1403355	1423000	1.34	cps
Ytterbium	172-1	92	83	58	78	22.30	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	23162	23180	23455	23266	0.71	cps
Ytterbium	176-2	12545	12929	13068	12847	2.11	cps
Yttrium	89-1	33905109	33618032	32936909	33486683	1.49	cps
Yttrium	89-2	3412005	3391131	3343139	3382092	1.04	cps
Zinc	66-2	2673177	2731063	2745880	2716707	1.41	cps
Zirconium	90-1	13147461	13251371	13138640	13179157	0.48	cps
Zirconium	91-1	2898206	2953948	2899273	2917142	1.09	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB56 Instrumnet Name : P8
 Client Sample ID : CCB56 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 17:13:20 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	285	250	362	45.37	cps
Antimony	121-1	1125	1192	1458	1258	14.02	cps
Arsenic	75-2	120	27	15	54	106.44	cps
Barium	135-1	258	308	358	308	16.22	cps
Barium	137-1	725	575	442	581	24.42	cps
Beryllium	9-1	136	168	154	153	10.51	cps
Bismuth	209-1	8124401	8295514	8273136	8231017	1.13	cps
Bismuth	209-2	4784387	4742382	4838968	4788579	1.01	cps
Boron	10-1	10932	10498	10812	10747	2.09	cps
Boron	11-1	49507	49511	46565	48528	3.50	cps
Bromine	81-1	27906	27535	29070	28171	2.84	cps
Cadmium	111-1	6497	6176	6277	6317	2.60	cps
Cadmium	106-1	9045	8503	8761	8770	3.09	cps
Cadmium	108-1	108	79	92	93	15.73	cps
Calcium	43-1	994	975	949	972	2.32	cps
Calcium	44-1	57602	57169	55891	56887	1.56	cps
Carbon	12-1	5475915	5718186	5430867	5541656	2.79	cps
Carbon	12-2	56618	54979	54385	55327	2.09	cps
Chlorine	35-1	2382738	2171504	2086230	2213491	6.90	cps
Chlorine	35-2	12723	11738	12322	12261	4.04	cps
Chromium	52-2	1233	1180	1120	1178	4.81	cps
Cobalt	59-2	207	163	143	171	18.92	cps
Copper	63-2	2297	2060	1977	2111	7.86	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	100	108	58	89	30.14	cps
Erbium	164-2	43	60	30	44	33.82	cps
Gadolinium	160-1	58	158	100	106	47.59	cps
Gadolinium	160-2	50	70	47	56	22.71	cps
Holmium	165-1	14544626	14503983	14869501	14639370	1.37	cps
Holmium	165-2	7044148	7175574	7014446	7078056	1.21	cps
Indium	115-1	14040541	13627586	13868499	13845542	1.50	cps
Indium	115-2	2043355	2019539	2025297	2029397	0.61	cps
Iron	54-2	1634	1361	1067	1354	20.94	cps
Iron	56-2	23185	16154	14952	18097	24.57	cps
Iron	57-2	528	428	267	407	32.34	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:13:20	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	870	977	952	7.68	cps
Lead	206-1	3239	3017	3023	3093	4.10	cps
Lead	207-1	2745	2756	2623	2708	2.73	cps
Lead	208-1	12536	12125	12236	12299	1.73	cps
Lithium	6-1	4637041	4612743	4718645	4656143	1.19	cps
Magnesium	24-2	5149	2042	1850	3014	61.45	cps
Manganese	55-2	780	500	540	607	24.96	cps
Molybdenum	94-1	1408	1525	1417	1450	4.49	cps
Molybdenum	95-1	1658	1442	1217	1439	15.35	cps
Molybdenum	96-1	1909	1392	1333	1545	20.49	cps
Molybdenum	97-1	942	767	600	769	22.20	cps
Molybdenum	98-1	2517	1967	1567	2017	23.65	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	153	163	197	171	13.26	cps
Phosphorus	31-2	75	117	58	83	36.06	cps
Potassium	39-2	23169	22385	21383	22312	4.01	cps
Rhodium	103-1	13467673	12891078	13629057	13329270	2.91	cps
Rhodium	103-2	5995148	6097347	6014314	6035603	0.90	cps
Scandium	45-1	10632697	10318698	10188765	10380053	2.20	cps
Scandium	45-2	270581	277648	274063	274097	1.29	cps
Selenium	82-1	25	93	91	70	56.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	86	59	70	72	18.94	cps
Silicon	28-1	515814	519853	514119	516595	0.57	cps
Silver	107-1	1400	1367	1300	1356	3.76	cps
Silver	109-1	1117	1100	1167	1128	3.08	cps
Sodium	23-2	42798	40039	39880	40906	4.01	cps
Strontium	86-1	2450	2284	2775	2503	9.99	cps
Strontium	88-1	8861	8153	8336	8450	4.35	cps
Sulfur	34-1	429361	434663	435619	433214	0.78	cps
Terbium	159-1	15142623	15432543	15634846	15403337	1.61	cps
Terbium	159-2	6894581	6944363	6823430	6887458	0.88	cps
Thallium	203-1	1308	1625	1400	1445	11.28	cps
Thallium	205-1	3926	3626	4134	3895	6.56	cps
Tin	118-1	2475	2259	1950	2228	11.84	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P8
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:13:20	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608	667	358	544	30.09	cps
Uranium	238-1	725	583	533	614	16.20	cps
Vanadium	51-2	143	47	47	79	70.74	cps
Ytterbium	172-1	33	75	33	47	50.95	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	1625	1859	2009	1831	10.55	cps
Ytterbium	176-2	1939	1928	2461	2109	14.45	cps
Yttrium	89-1	33258530	33328958	34471181	33686223	2.02	cps
Yttrium	89-2	3249104	3319218	3382807	3317043	2.02	cps
Zinc	66-2	730	703	653	696	5.60	cps
Zirconium	90-1	2375	2192	2192	2253	4.70	cps
Zirconium	91-1	475	442	533	483	9.60	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10267	10255	10362	10295	0.57	cps
Antimony	121-1	2792	2534	2900	2742	6.87	cps
Arsenic	75-2	1478	1447	1373	1433	3.77	cps
Barium	135-1	303272	313637	318294	311734	2.47	cps
Barium	137-1	539725	557500	550261	549162	1.63	cps
Beryllium	9-1	158	162	134	151	10.01	cps
Bismuth	209-1	9618215	8009030	7932942	8520063	11.17	cps
Bismuth	209-2	4479511	4747330	4866781	4697874	4.22	cps
Boron	10-1	32051	34518	35386	33985	5.09	cps
Boron	11-1	153719	160463	162402	158862	2.87	cps
Bromine	81-1	109264	132081	138217	126521	12.06	cps
Cadmium	111-1	7930	6470	6585	6995	11.60	cps
Cadmium	106-1	11205	9070	9270	9848	11.97	cps
Cadmium	108-1	79	71	83	78	8.18	cps
Calcium	43-1	1103073	1134915	1132595	1123528	1.58	cps
Calcium	44-1	18571212	18776844	18941674	18763243	0.99	cps
Carbon	12-1	11537823	12545864	13601181	12561623	8.21	cps
Carbon	12-2	135968	138845	140730	138515	1.73	cps
Chlorine	35-1	2599360	2614868	2621268	2611832	0.43	cps
Chlorine	35-2	17394	16426	17027	16949	2.88	cps
Chromium	52-2	5158	4771	4984	4971	3.90	cps
Cobalt	59-2	20044	19594	19160	19599	2.26	cps
Copper	63-2	19640	19714	19093	19482	1.74	cps
Dysprosium	156-1	1700	1917	1917	1845	6.78	cps
Dysprosium	156-2	850	817	720	796	8.49	cps
Erbium	164-1	1650	1717	1358	1575	12.10	cps
Erbium	164-2	637	773	737	716	9.89	cps
Gadolinium	160-1	1900	1675	1917	1831	7.37	cps
Gadolinium	160-2	1077	950	1010	1012	6.26	cps
Holmium	165-1	17167214	14829546	14513552	15503438	9.35	cps
Holmium	165-2	6490831	7107284	7244269	6947461	5.78	cps
Indium	115-1	16316493	13521516	13361973	14399994	11.54	cps
Indium	115-2	1888329	1959867	2075012	1974403	4.77	cps
Iron	54-2	2682925	2630804	2642698	2652142	1.03	cps
Iron	56-2	47788250	46905975	48184207	47626144	1.37	cps
Iron	57-2	1175264	1158451	1163243	1165653	0.74	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1013	980	1011	2.97	cps
Lead	206-1	9998	10215	10037	10084	1.15	cps
Lead	207-1	8080	8269	8325	8225	1.56	cps
Lead	208-1	37216	38684	39324	38408	2.81	cps
Lithium	6-1	5086470	4622394	4356089	4688318	7.88	cps
Magnesium	24-2	2234287	2203649	2209310	2215749	0.74	cps
Manganese	55-2	3509900	3527405	3538227	3525177	0.41	cps
Molybdenum	94-1	4134	4092	3759	3995	5.15	cps
Molybdenum	95-1	4292	4334	4559	4395	3.26	cps
Molybdenum	96-1	5760	5893	5910	5854	1.40	cps
Molybdenum	97-1	2550	2559	2709	2606	3.42	cps
Molybdenum	98-1	6126	6160	6735	6340	5.40	cps
Neodymium	150-1	2674	2840	2794	2769	3.11	cps
Neodymium	150-2	940	923	860	908	4.65	cps
Nickel	60-2	10294	10240	10077	10204	1.11	cps
Phosphorus	31-2	858	1158	1050	1022	14.86	cps
Potassium	39-2	779392	786405	774305	780034	0.78	cps
Rhodium	103-1	15917500	13136022	13143673	14065732	11.40	cps
Rhodium	103-2	5513716	5766562	6070008	5783429	4.82	cps
Scandium	45-1	12444382	10597133	10076782	11039432	11.27	cps
Scandium	45-2	253533	270014	282987	268845	5.49	cps
Selenium	82-1	125	137	139	134	5.79	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	73	68	68	70	4.14	cps
Silicon	28-1	44258231	46263960	46949541	45823911	3.05	cps
Silver	107-1	1784	1442	1433	1553	12.86	cps
Silver	109-1	1250	1192	1225	1222	2.39	cps
Sodium	23-2	11694482	11711766	11408340	11604862	1.47	cps
Strontium	86-1	490448	511514	504037	501999	2.13	cps
Strontium	88-1	4380136	4582152	4395946	4452745	2.52	cps
Sulfur	34-1	2314801	2403154	2344300	2354085	1.91	cps
Terbium	159-1	18396748	15260048	15288516	16315104	11.05	cps
Terbium	159-2	6449407	6910676	7063544	6807876	4.70	cps
Thallium	203-1	1258	1108	1325	1231	9.02	cps
Thallium	205-1	3184	3009	3059	3084	2.92	cps
Tin	118-1	1433	1342	1483	1420	5.06	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-04	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:16:23	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6552	7777	7244	7191	8.55	cps
Uranium	238-1	1550	1525	1358	1478	7.05	cps
Vanadium	51-2	3397	3467	3550	3472	2.21	cps
Ytterbium	172-1	592	500	567	553	8.57	cps
Ytterbium	172-2	328	372	283	328	13.56	cps
Ytterbium	176-1	2634	2350	2467	2484	5.73	cps
Ytterbium	176-2	1945	2489	2606	2347	15.04	cps
Yttrium	89-1	40661007	34259363	33228517	36049629	11.17	cps
Yttrium	89-2	3001639	3223119	3346302	3190353	5.47	cps
Zinc	66-2	13777	13627	13720	13708	0.55	cps
Zirconium	90-1	4493	4634	4384	4504	2.79	cps
Zirconium	91-1	1025	850	1058	978	11.45	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M4040-06 Instrumnet Name : P8
 Client Sample ID : SW-RR-03(SA) Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 17:19:17 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6211	5945	5998	6051	2.32	cps
Antimony	121-1	3426	3359	3509	3431	2.19	cps
Arsenic	75-2	297	251	269	272	8.51	cps
Barium	135-1	136965	137048	137461	137158	0.19	cps
Barium	137-1	239120	237096	244519	240245	1.60	cps
Beryllium	9-1	166	122	126	138	17.63	cps
Bismuth	209-1	7674719	7894029	8045715	7871488	2.37	cps
Bismuth	209-2	5129751	4824126	4901513	4951796	3.21	cps
Boron	10-1	29546	30157	30460	30054	1.55	cps
Boron	11-1	136598	137365	145435	139800	3.50	cps
Bromine	81-1	94211	104061	106643	101638	6.45	cps
Cadmium	111-1	6667	6547	6526	6580	1.16	cps
Cadmium	106-1	9370	9153	9145	9223	1.38	cps
Cadmium	108-1	83	75	67	75	11.11	cps
Calcium	43-1	1136417	1135344	1139714	1137158	0.20	cps
Calcium	44-1	18790473	18423148	18921230	18711617	1.38	cps
Carbon	12-1	10386189	11588476	11838963	11271209	6.89	cps
Carbon	12-2	121997	122309	126417	123574	2.00	cps
Chlorine	35-1	3268723	3367734	3451251	3362569	2.72	cps
Chlorine	35-2	22643	22869	23628	23047	2.24	cps
Chromium	52-2	2580	2790	2544	2638	5.05	cps
Cobalt	59-2	1550	1373	1337	1420	8.03	cps
Copper	63-2	17154	17287	17674	17372	1.56	cps
Dysprosium	156-1	808	817	967	864	10.32	cps
Dysprosium	156-2	443	407	477	442	7.92	cps
Erbium	164-1	500	350	375	408	19.68	cps
Erbium	164-2	183	263	150	199	29.29	cps
Gadolinium	160-1	950	958	908	939	2.85	cps
Gadolinium	160-2	513	570	493	526	7.57	cps
Holmium	165-1	14677446	14585306	14938760	14733837	1.24	cps
Holmium	165-2	7722573	7136358	7348468	7402466	4.01	cps
Indium	115-1	13288275	13324767	13895571	13502871	2.52	cps
Indium	115-2	2194256	2055248	2093500	2114335	3.40	cps
Iron	54-2	56049	56489	56144	56227	0.41	cps
Iron	56-2	1018838	1015666	1016575	1017026	0.16	cps
Iron	57-2	25484	25885	25963	25777	1.00	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:19:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1017	930	991	5.36	cps
Lead	206-1	4884	4456	4751	4697	4.66	cps
Lead	207-1	3945	4223	4006	4058	3.60	cps
Lead	208-1	18366	18166	19045	18526	2.49	cps
Lithium	6-1	4512851	4733408	4633442	4626567	2.39	cps
Magnesium	24-2	2308942	2316624	2308403	2311323	0.20	cps
Manganese	55-2	181026	185168	181019	182405	1.31	cps
Molybdenum	94-1	4968	5260	5018	5082	3.07	cps
Molybdenum	95-1	7794	8136	7978	7969	2.15	cps
Molybdenum	96-1	8878	8019	9037	8645	6.33	cps
Molybdenum	97-1	4743	4809	4901	4818	1.65	cps
Molybdenum	98-1	11880	12623	12131	12211	3.09	cps
Neodymium	150-1	480	460	440	460	4.35	cps
Neodymium	150-2	143	153	133	143	6.98	cps
Nickel	60-2	2060	2024	1870	1985	5.08	cps
Phosphorus	31-2	1850	2017	1842	1903	5.19	cps
Potassium	39-2	651009	664300	659201	658170	1.02	cps
Rhodium	103-1	12794323	13270996	13368967	13144762	2.34	cps
Rhodium	103-2	6322118	6004670	6100725	6142504	2.65	cps
Scandium	45-1	10219754	10473234	10633174	10442054	2.00	cps
Scandium	45-2	300757	282704	282111	288524	3.67	cps
Selenium	82-1	83	130	185	133	38.73	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	71	77	79	76	5.50	cps
Silicon	28-1	32973934	34530303	33295234	33599824	2.45	cps
Silver	107-1	558	575	433	522	14.83	cps
Silver	109-1	433	617	433	494	21.41	cps
Sodium	23-2	15680882	15438165	15628149	15582399	0.82	cps
Strontium	86-1	641954	662579	653848	652794	1.59	cps
Strontium	88-1	5597954	5653767	5666307	5639342	0.65	cps
Sulfur	34-1	1010554	1014079	1016003	1013545	0.27	cps
Terbium	159-1	15113212	15622770	15287864	15341282	1.69	cps
Terbium	159-2	7551730	7191376	7257818	7333641	2.61	cps
Thallium	203-1	1183	1025	1308	1172	12.11	cps
Thallium	205-1	2942	2984	2809	2912	3.14	cps
Tin	118-1	5460	6293	5868	5874	7.10	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:19:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5026	5418	5385	5276	4.12	cps
Uranium	238-1	5301	5368	5009	5226	3.65	cps
Vanadium	51-2	2350	2417	2324	2364	2.03	cps
Ytterbium	172-1	175	225	267	222	20.65	cps
Ytterbium	172-2	144	161	122	143	13.68	cps
Ytterbium	176-1	1967	1909	1992	1956	2.19	cps
Ytterbium	176-2	2339	2467	2334	2380	3.17	cps
Yttrium	89-1	32508268	33227050	33438282	33057866	1.47	cps
Yttrium	89-2	3592885	3456518	3385321	3478241	3.03	cps
Zinc	66-2	14648	14688	14301	14545	1.46	cps
Zirconium	90-1	3317	3217	3250	3262	1.56	cps
Zirconium	91-1	550	450	700	567	22.21	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6958	6707	6876	6847	1.87	cps
Antimony	121-1	3334	3551	3692	3526	5.12	cps
Arsenic	75-2	253	275	292	273	7.15	cps
Barium	135-1	135131	137319	137150	136533	0.89	cps
Barium	137-1	240449	236972	243101	240174	1.28	cps
Beryllium	9-1	98	114	110	107	7.76	cps
Bismuth	209-1	7970859	8104662	7876947	7984156	1.43	cps
Bismuth	209-2	4850874	4963367	4874409	4896217	1.21	cps
Boron	10-1	28352	30121	30981	29818	4.50	cps
Boron	11-1	135423	141852	143211	140162	2.97	cps
Bromine	81-1	88792	98081	103202	96692	7.55	cps
Cadmium	111-1	6717	6743	6217	6559	4.52	cps
Cadmium	106-1	9470	9445	8695	9203	4.79	cps
Cadmium	108-1	58	63	46	56	15.62	cps
Calcium	43-1	1120856	1130922	1123873	1125217	0.46	cps
Calcium	44-1	18714547	18873682	18208270	18598833	1.87	cps
Carbon	12-1	11022314	11959366	11856956	11612878	4.43	cps
Carbon	12-2	129367	129653	131344	130121	0.82	cps
Chlorine	35-1	3649222	3741114	3789203	3726513	1.91	cps
Chlorine	35-2	25849	24204	24354	24802	3.67	cps
Chromium	52-2	2350	2314	2334	2332	0.79	cps
Cobalt	59-2	1530	1477	1590	1532	3.70	cps
Copper	63-2	17431	17638	17518	17529	0.59	cps
Dysprosium	156-1	958	858	958	925	6.24	cps
Dysprosium	156-2	453	377	417	416	9.23	cps
Erbium	164-1	542	475	558	525	8.40	cps
Erbium	164-2	170	190	220	193	13.02	cps
Gadolinium	160-1	1108	992	1067	1056	5.60	cps
Gadolinium	160-2	583	657	577	606	7.33	cps
Holmium	165-1	15189638	14833181	14511272	14844697	2.29	cps
Holmium	165-2	7048858	7428653	7514213	7330575	3.38	cps
Indium	115-1	13607213	13884835	13610498	13700848	1.16	cps
Indium	115-2	2076145	2040393	2086040	2067526	1.16	cps
Iron	54-2	53606	54822	54878	54435	1.32	cps
Iron	56-2	988991	979491	979554	982678	0.56	cps
Iron	57-2	25278	24878	25072	25076	0.80	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	937	997	988	4.79	cps
Lead	206-1	4295	4451	4223	4323	2.69	cps
Lead	207-1	3712	3906	3612	3743	4.00	cps
Lead	208-1	16827	17688	17021	17179	2.63	cps
Lithium	6-1	4481146	4730132	4629154	4613477	2.71	cps
Magnesium	24-2	2287894	2252060	2199495	2246483	1.98	cps
Manganese	55-2	179339	178115	180500	179318	0.67	cps
Molybdenum	94-1	5159	5593	5209	5321	4.46	cps
Molybdenum	95-1	7152	7360	6927	7146	3.03	cps
Molybdenum	96-1	8369	8511	7669	8183	5.51	cps
Molybdenum	97-1	4142	4334	4568	4348	4.90	cps
Molybdenum	98-1	11605	12214	11997	11939	2.58	cps
Neodymium	150-1	513	573	767	618	21.43	cps
Neodymium	150-2	190	200	197	196	2.60	cps
Nickel	60-2	1930	1810	1897	1879	3.30	cps
Phosphorus	31-2	1867	2259	1942	2022	10.28	cps
Potassium	39-2	653455	644060	649426	648980	0.73	cps
Rhodium	103-1	13343944	13488452	13274231	13368875	0.82	cps
Rhodium	103-2	6260106	5969017	5987674	6072266	2.68	cps
Scandium	45-1	10622353	10821422	10593077	10678951	1.16	cps
Scandium	45-2	288635	282273	284045	284984	1.15	cps
Selenium	82-1	33	157	65	85	76.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	77	66	85	76	12.55	cps
Silicon	28-1	32302875	33055131	32414159	32590722	1.25	cps
Silver	107-1	500	433	400	444	11.46	cps
Silver	109-1	317	342	350	336	5.16	cps
Sodium	23-2	15419490	15594092	15342591	15452058	0.83	cps
Strontium	86-1	652132	635734	639711	642526	1.33	cps
Strontium	88-1	5672683	5571609	5567813	5604035	1.06	cps
Sulfur	34-1	996976	1008093	981300	995456	1.35	cps
Terbium	159-1	15341227	15565979	15275116	15394108	0.99	cps
Terbium	159-2	7349663	7077212	7183383	7203419	1.91	cps
Thallium	203-1	1167	1192	942	1100	12.52	cps
Thallium	205-1	2392	2500	2809	2567	8.42	cps
Tin	118-1	3192	3159	3017	3123	2.98	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:22:16	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5093	4626	5143	4954	5.75	cps
Uranium	238-1	5326	5068	5493	5296	4.05	cps
Vanadium	51-2	2337	2474	2277	2362	4.27	cps
Ytterbium	172-1	258	275	292	275	6.06	cps
Ytterbium	172-2	122	133	111	122	9.09	cps
Ytterbium	176-1	2059	1984	1967	2003	2.44	cps
Ytterbium	176-2	2139	2361	2356	2285	5.55	cps
Yttrium	89-1	34143395	34252980	33438246	33944874	1.30	cps
Yttrium	89-2	3451024	3422442	3374784	3416084	1.13	cps
Zinc	66-2	15158	14631	15298	15029	2.34	cps
Zirconium	90-1	3376	3617	3309	3434	4.73	cps
Zirconium	91-1	850	675	608	711	17.55	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9032	9034	8932	8999	0.65	cps
Antimony	121-1	1192	1400	1200	1264	9.33	cps
Arsenic	75-2	216	222	215	218	1.74	cps
Barium	135-1	137849	135736	135189	136258	1.03	cps
Barium	137-1	238266	238590	235725	237527	0.66	cps
Beryllium	9-1	100	110	96	102	7.07	cps
Bismuth	209-1	8113906	7780358	8000371	7964878	2.13	cps
Bismuth	209-2	4902518	4869915	4964037	4912157	0.97	cps
Boron	10-1	20308	20781	21033	20707	1.78	cps
Boron	11-1	94218	97555	97274	96349	1.92	cps
Bromine	81-1	82234	91523	95057	89605	7.39	cps
Cadmium	111-1	6662	6390	6880	6644	3.70	cps
Cadmium	106-1	9420	9012	9687	9373	3.63	cps
Cadmium	108-1	88	50	54	64	32.17	cps
Calcium	43-1	1210740	1245613	1222552	1226302	1.45	cps
Calcium	44-1	19717739	19635884	20101430	19818351	1.25	cps
Carbon	12-1	12601982	13601962	13919979	13374641	5.14	cps
Carbon	12-2	144382	143371	147471	145075	1.47	cps
Chlorine	35-1	3767577	3827927	3870795	3822100	1.36	cps
Chlorine	35-2	24747	24897	25473	25039	1.53	cps
Chromium	52-2	2130	2157	2160	2149	0.77	cps
Cobalt	59-2	1050	1007	1070	1042	3.11	cps
Copper	63-2	7912	8273	7969	8051	2.41	cps
Dysprosium	156-1	425	492	433	450	8.07	cps
Dysprosium	156-2	183	243	230	219	14.39	cps
Erbium	164-1	508	458	492	486	5.24	cps
Erbium	164-2	240	217	313	257	19.65	cps
Gadolinium	160-1	658	575	700	644	9.88	cps
Gadolinium	160-2	300	257	297	284	8.48	cps
Holmium	165-1	14418590	14568990	14912207	14633263	1.73	cps
Holmium	165-2	7325471	7288139	7264736	7292782	0.42	cps
Indium	115-1	13542298	13583565	13644795	13590219	0.38	cps
Indium	115-2	2068521	2068790	2099572	2078961	0.86	cps
Iron	54-2	33730	32911	32588	33076	1.78	cps
Iron	56-2	597820	586975	577290	587362	1.75	cps
Iron	57-2	14914	15436	14964	15105	1.91	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1033	1037	1059	3.91	cps
Lead	206-1	4151	4190	4340	4227	2.36	cps
Lead	207-1	3384	3451	3384	3406	1.13	cps
Lead	208-1	15898	15837	16238	15991	1.35	cps
Lithium	6-1	4489742	4491558	4705177	4562159	2.71	cps
Magnesium	24-2	2404922	2422921	2443543	2423795	0.80	cps
Manganese	55-2	56876	56478	56301	56552	0.52	cps
Molybdenum	94-1	3092	3885	3084	3354	13.73	cps
Molybdenum	95-1	3992	3784	3959	3912	2.86	cps
Molybdenum	96-1	4551	4751	4759	4687	2.52	cps
Molybdenum	97-1	2484	2300	2534	2439	5.04	cps
Molybdenum	98-1	6610	6477	6410	6499	1.57	cps
Neodymium	150-1	573	700	587	620	11.23	cps
Neodymium	150-2	163	193	187	181	8.70	cps
Nickel	60-2	1167	897	1063	1042	13.07	cps
Phosphorus	31-2	225	300	275	267	14.32	cps
Potassium	39-2	463999	465794	465298	465030	0.20	cps
Rhodium	103-1	13437738	12750918	13330953	13173203	2.81	cps
Rhodium	103-2	6100743	5956782	6138566	6065364	1.58	cps
Scandium	45-1	10632612	10181088	10696948	10503549	2.68	cps
Scandium	45-2	288790	282254	288202	286415	1.26	cps
Selenium	82-1	-54	51	37	11	503.74	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	85	71	66	74	13.31	cps
Silicon	28-1	34155049	34620677	34425501	34400409	0.68	cps
Silver	107-1	350	417	350	372	10.34	cps
Silver	109-1	200	192	225	206	8.44	cps
Sodium	23-2	12887238	13113978	13022482	13007899	0.88	cps
Strontium	86-1	649224	664660	671517	661801	1.73	cps
Strontium	88-1	5835634	5812658	5891578	5846624	0.69	cps
Sulfur	34-1	857938	866265	870047	864750	0.72	cps
Terbium	159-1	16236391	15090039	15804204	15710211	3.69	cps
Terbium	159-2	7240793	7262344	7253603	7252247	0.15	cps
Thallium	203-1	1008	925	1042	992	6.06	cps
Thallium	205-1	2717	2350	2575	2548	7.26	cps
Tin	118-1	1617	1884	1625	1708	8.88	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:25:12	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7210	7378	6818	7135	4.02	cps
Uranium	238-1	7469	7644	7552	7555	1.16	cps
Vanadium	51-2	2414	2504	2707	2541	5.91	cps
Ytterbium	172-1	225	292	283	267	13.62	cps
Ytterbium	172-2	172	117	183	157	22.69	cps
Ytterbium	176-1	2142	2034	2075	2084	2.62	cps
Ytterbium	176-2	2072	2461	2411	2315	9.14	cps
Yttrium	89-1	33804918	33896396	33421076	33707463	0.75	cps
Yttrium	89-2	3483918	3386753	3418497	3429723	1.44	cps
Zinc	66-2	15519	15288	15215	15341	1.03	cps
Zirconium	90-1	2542	2742	2926	2737	7.01	cps
Zirconium	91-1	425	533	550	503	13.50	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1821	1859	1730	1803	3.67	cps
Antimony	121-1	450	408	442	433	5.09	cps
Arsenic	75-2	37	57	48	47	21.17	cps
Barium	135-1	23554	26326	24481	24787	5.69	cps
Barium	137-1	44039	42818	42342	43066	2.03	cps
Beryllium	9-1	74	82	70	75	8.10	cps
Bismuth	209-1	8062367	8180866	8344982	8196071	1.73	cps
Bismuth	209-2	4830729	4659792	5096399	4862306	4.52	cps
Boron	10-1	8445	8491	8371	8435	0.72	cps
Boron	11-1	39080	39810	39209	39366	0.99	cps
Bromine	81-1	46967	48453	48725	48048	1.97	cps
Cadmium	111-1	6454	5993	6413	6286	4.05	cps
Cadmium	106-1	9120	8495	9037	8884	3.82	cps
Cadmium	108-1	38	46	54	46	18.19	cps
Calcium	43-1	220306	220643	218633	219861	0.49	cps
Calcium	44-1	3606868	3769552	3754710	3710377	2.42	cps
Carbon	12-1	8277816	8164530	8429187	8290511	1.60	cps
Carbon	12-2	80798	84217	80705	81907	2.44	cps
Chlorine	35-1	3026036	2930604	2893816	2950152	2.31	cps
Chlorine	35-2	17628	16693	16769	17030	3.05	cps
Chromium	52-2	1343	1340	1113	1266	10.42	cps
Cobalt	59-2	263	263	287	271	4.97	cps
Copper	63-2	2627	2854	2537	2673	6.11	cps
Dysprosium	156-1	92	75	83	83	10.00	cps
Dysprosium	156-2	53	60	40	51	19.92	cps
Erbium	164-1	167	158	158	161	2.98	cps
Erbium	164-2	73	60	70	68	10.24	cps
Gadolinium	160-1	100	158	133	131	22.42	cps
Gadolinium	160-2	87	87	107	93	12.37	cps
Holmium	165-1	14567924	14644091	14540466	14584160	0.37	cps
Holmium	165-2	7194729	7007722	7437999	7213483	2.99	cps
Indium	115-1	13490029	13721459	13433923	13548470	1.12	cps
Indium	115-2	2043393	1995466	2048418	2029092	1.44	cps
Iron	54-2	6830	6824	6752	6802	0.64	cps
Iron	56-2	113261	118069	113595	114975	2.33	cps
Iron	57-2	2961	3289	2945	3065	6.34	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	973	1107	1023	7.10	cps
Lead	206-1	2178	2189	2161	2176	0.64	cps
Lead	207-1	1845	1906	1817	1856	2.45	cps
Lead	208-1	8440	8762	8134	8446	3.72	cps
Lithium	6-1	4574226	4681056	4584565	4613282	1.28	cps
Magnesium	24-2	430468	436981	432293	433247	0.78	cps
Manganese	55-2	11011	11098	11141	11083	0.60	cps
Molybdenum	94-1	1100	1017	1100	1072	4.49	cps
Molybdenum	95-1	1075	1042	992	1036	4.05	cps
Molybdenum	96-1	1292	1225	1233	1250	2.91	cps
Molybdenum	97-1	583	708	542	611	14.19	cps
Molybdenum	98-1	1392	1700	1425	1506	11.24	cps
Neodymium	150-1	113	107	173	131	28.00	cps
Neodymium	150-2	160	33	23	72	105.50	cps
Nickel	60-2	243	210	333	262	24.33	cps
Phosphorus	31-2	167	92	108	122	32.22	cps
Potassium	39-2	102463	103596	99073	101710	2.31	cps
Rhodium	103-1	13649426	13167515	13259119	13358686	1.92	cps
Rhodium	103-2	6106099	5919256	6073526	6032960	1.65	cps
Scandium	45-1	10198477	10335638	10704302	10412806	2.51	cps
Scandium	45-2	280412	269184	281619	277071	2.47	cps
Selenium	82-1	38	51	-59	10	616.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	71	80	72	74	6.64	cps
Silicon	28-1	6531827	6478682	6816428	6608979	2.75	cps
Silver	107-1	283	317	183	261	26.57	cps
Silver	109-1	242	175	192	203	17.11	cps
Sodium	23-2	2395749	2448553	2438139	2427480	1.15	cps
Strontium	86-1	122812	122805	121467	122361	0.63	cps
Strontium	88-1	1060733	1063544	1049099	1057792	0.72	cps
Sulfur	34-1	514480	506120	519481	513360	1.31	cps
Terbium	159-1	15262297	15474646	15249296	15328746	0.83	cps
Terbium	159-2	7314681	6883923	7246486	7148364	3.24	cps
Thallium	203-1	917	1042	1125	1028	10.20	cps
Thallium	205-1	2484	2342	2325	2384	3.65	cps
Tin	118-1	1175	1008	1217	1133	9.73	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 17:28:10	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1458	1467	1667	1531	7.71	cps
Uranium	238-1	1342	1600	1717	1553	12.36	cps
Vanadium	51-2	413	487	513	471	10.99	cps
Ytterbium	172-1	92	92	108	97	9.90	cps
Ytterbium	172-2	67	61	44	57	20.14	cps
Ytterbium	176-1	1767	1683	1842	1764	4.49	cps
Ytterbium	176-2	2006	2261	2356	2208	8.20	cps
Yttrium	89-1	33497882	33261924	33029359	33263055	0.70	cps
Yttrium	89-2	3293816	3321732	3408410	3341319	1.79	cps
Zinc	66-2	3150	3060	2994	3068	2.56	cps
Zirconium	90-1	1809	1600	1925	1778	9.26	cps
Zirconium	91-1	267	383	333	328	17.86	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883157	877666	873609	878144	0.55	cps
Antimony	121-1	5620038	5548774	5688117	5618976	1.24	cps
Arsenic	75-2	163349	162163	161455	162322	0.59	cps
Barium	135-1	8285228	7987066	8336887	8203060	2.30	cps
Barium	137-1	14178333	13771783	14216503	14055540	1.75	cps
Beryllium	9-1	1588504	1618832	1544936	1584091	2.34	cps
Bismuth	209-1	7365191	7760188	8215264	7780214	5.47	cps
Bismuth	209-2	4793258	4624587	4669647	4695831	1.86	cps
Boron	10-1	175968	185846	190283	184032	3.98	cps
Boron	11-1	810962	836866	871062	839630	3.59	cps
Bromine	81-1	64092	70921	75309	70107	8.06	cps
Cadmium	111-1	1603100	1599648	1528755	1577168	2.66	cps
Cadmium	106-1	174389	174277	173738	174135	0.20	cps
Cadmium	108-1	118958	115772	118623	117784	1.49	cps
Calcium	43-1	3967393	3793090	3866275	3875586	2.26	cps
Calcium	44-1	58796234	59895052	59849453	59513580	1.04	cps
Carbon	12-1	10235322	10797677	11447346	10826782	5.60	cps
Carbon	12-2	116594	120997	120021	119204	1.94	cps
Chlorine	35-1	3443798	3492297	3454509	3463534	0.74	cps
Chlorine	35-2	22434	22777	22076	22429	1.56	cps
Chromium	52-2	1814306	1723022	1741132	1759487	2.75	cps
Cobalt	59-2	3271842	3221362	3208312	3233839	1.04	cps
Copper	63-2	26336205	26911754	26528867	26592275	1.10	cps
Dysprosium	156-1	700	783	542	675	18.19	cps
Dysprosium	156-2	260	270	397	309	24.66	cps
Erbium	164-1	525	558	425	503	13.80	cps
Erbium	164-2	210	227	207	214	5.00	cps
Gadolinium	160-1	833	875	658	789	14.57	cps
Gadolinium	160-2	453	373	360	396	12.76	cps
Holmium	165-1	14037987	15328806	14925972	14764255	4.47	cps
Holmium	165-2	7283891	7165211	7028318	7159140	1.79	cps
Indium	115-1	12377065	13414186	13430432	13073894	4.62	cps
Indium	115-2	1997345	1982206	1955739	1978430	1.06	cps
Iron	54-2	4223146	4196253	4221401	4213600	0.36	cps
Iron	56-2	74726988	74035816	74469349	74410717	0.47	cps
Iron	57-2	1978698	1966398	1931803	1958966	1.24	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	1013	1060	1011	4.95	cps
Lead	206-1	19723203	19203127	19678135	19534822	1.48	cps
Lead	207-1	17252672	17180799	16979268	17137580	0.83	cps
Lead	208-1	78008757	76547048	77477082	77344295	0.96	cps
Lithium	6-1	4547132	4980965	4617908	4715335	4.94	cps
Magnesium	24-2	14176574	14191498	14070829	14146300	0.47	cps
Manganese	55-2	9545784	9234659	9364667	9381703	1.67	cps
Molybdenum	94-1	23003798	22561668	22754648	22773371	0.97	cps
Molybdenum	95-1	33105198	32682390	33414183	33067257	1.11	cps
Molybdenum	96-1	36720375	36090784	35968602	36259920	1.11	cps
Molybdenum	97-1	20585342	19730186	19617667	19977732	2.65	cps
Molybdenum	98-1	53461380	50287851	52557444	52102225	3.14	cps
Neodymium	150-1	973	793	913	893	10.26	cps
Neodymium	150-2	193	183	153	177	11.78	cps
Nickel	60-2	840402	839030	831169	836867	0.60	cps
Phosphorus	31-2	308	150	217	225	35.33	cps
Potassium	39-2	5248572	5167047	5252162	5222594	0.92	cps
Rhodium	103-1	12431555	12718072	13172341	12773990	2.92	cps
Rhodium	103-2	5917331	5760348	5640664	5772781	2.40	cps
Scandium	45-1	9708511	10827821	10530075	10355469	5.60	cps
Scandium	45-2	279332	274891	276114	276779	0.83	cps
Selenium	82-1	120336	119847	120302	120162	0.23	cps
Selenium	77-2	3240	3337	3320	3299	1.57	cps
Selenium	78-2	10652	10576	10647	10625	0.40	cps
Silicon	28-1	36996058	38102968	37193781	37430936	1.58	cps
Silver	107-1	6358011	9216704	8534711	8036475	18.58	cps
Silver	109-1	4400969	5240188	6271014	5304057	17.66	cps
Sodium	23-2	34872217	34279286	34424312	34525272	0.90	cps
Strontium	86-1	19873779	19617790	20068629	19853399	1.14	cps
Strontium	88-1	172096241	165281520	175351512	170909758	3.01	cps
Sulfur	34-1	855186	851141	833080	846469	1.39	cps
Terbium	159-1	14262128	15018306	15850478	15043637	5.28	cps
Terbium	159-2	7100844	6932848	6872244	6968646	1.70	cps
Thallium	203-1	4731076	4753887	4815178	4766714	0.91	cps
Thallium	205-1	11217726	11103595	11231425	11184249	0.63	cps
Tin	118-1	5459568	5612625	5540720	5537638	1.38	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:31:07	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10024167	10452198	10138582	10204982	2.17	cps
Uranium	238-1	14101754	13808464	14154247	14021488	1.33	cps
Vanadium	51-2	1378375	1376505	1364181	1373020	0.56	cps
Ytterbium	172-1	283	258	267	269	4.72	cps
Ytterbium	172-2	156	178	133	156	14.28	cps
Ytterbium	176-1	1884	1959	2150	1997	6.89	cps
Ytterbium	176-2	2178	2261	2395	2278	4.80	cps
Yttrium	89-1	31354725	33946659	33675250	32992211	4.32	cps
Yttrium	89-2	3375966	3363048	3248854	3329289	2.10	cps
Zinc	66-2	2923679	2991311	2929888	2948292	1.27	cps
Zirconium	90-1	12014938	11823320	11657011	11831756	1.51	cps
Zirconium	91-1	2643845	2593403	2705188	2647478	2.11	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873273	867413	861133	867273	0.70	cps
Antimony	121-1	5630329	5643157	5643507	5638997	0.13	cps
Arsenic	75-2	162817	161145	161246	161736	0.58	cps
Barium	135-1	8357879	8335863	8266425	8320056	0.57	cps
Barium	137-1	14287667	14389795	14013439	14230300	1.37	cps
Beryllium	9-1	1533798	1549612	1573397	1552269	1.28	cps
Bismuth	209-1	8182312	8123932	8041826	8116023	0.87	cps
Bismuth	209-2	4676743	4688491	4716935	4694057	0.44	cps
Boron	10-1	194884	196740	201049	197558	1.60	cps
Boron	11-1	818796	865679	878762	854412	3.69	cps
Bromine	81-1	69946	73235	78640	73940	5.94	cps
Cadmium	111-1	1608464	1519567	1578255	1568762	2.88	cps
Cadmium	106-1	174381	172834	175519	174245	0.77	cps
Cadmium	108-1	118664	116685	116450	117266	1.04	cps
Calcium	43-1	3852211	3920410	3843454	3872025	1.09	cps
Calcium	44-1	58389856	58868676	58997378	58751970	0.54	cps
Carbon	12-1	10448131	11239255	11628822	11105403	5.42	cps
Carbon	12-2	122282	123258	124501	123347	0.90	cps
Chlorine	35-1	3604122	3688049	3638332	3643501	1.16	cps
Chlorine	35-2	23820	23002	24104	23642	2.42	cps
Chromium	52-2	1805092	1743694	1730991	1759926	2.25	cps
Cobalt	59-2	3205256	3232859	3113183	3183766	1.97	cps
Copper	63-2	27207000	26715601	25693658	26538753	2.91	cps
Dysprosium	156-1	858	700	717	758	11.47	cps
Dysprosium	156-2	287	313	263	288	8.69	cps
Erbium	164-1	525	633	475	544	14.87	cps
Erbium	164-2	183	193	240	206	14.71	cps
Gadolinium	160-1	825	800	842	822	2.55	cps
Gadolinium	160-2	473	420	413	436	7.55	cps
Holmium	165-1	14922572	14819362	15027571	14923168	0.70	cps
Holmium	165-2	7386889	7102758	7227017	7238888	1.97	cps
Indium	115-1	13262729	13077844	13422184	13254252	1.30	cps
Indium	115-2	1975110	2012043	1963035	1983396	1.29	cps
Iron	54-2	4256730	4177508	4186568	4206935	1.03	cps
Iron	56-2	75170016	74627610	74861268	74886298	0.36	cps
Iron	57-2	1993437	1915936	1889862	1933078	2.79	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	950	1000	1000	5.00	cps
Lead	206-1	19713347	20257924	19222482	19731251	2.63	cps
Lead	207-1	17254323	17054973	17182744	17164013	0.59	cps
Lead	208-1	79060621	78869764	77113324	78347903	1.37	cps
Lithium	6-1	4529971	4561988	4683059	4591673	1.76	cps
Magnesium	24-2	14179185	14158626	13696373	14011395	1.95	cps
Manganese	55-2	9440122	9308471	9557064	9435219	1.32	cps
Molybdenum	94-1	23091224	22830874	22044075	22655391	2.41	cps
Molybdenum	95-1	32680054	33052596	31686030	32472893	2.18	cps
Molybdenum	96-1	36063180	35641632	36085180	35929997	0.70	cps
Molybdenum	97-1	19813496	20025972	19985462	19941644	0.57	cps
Molybdenum	98-1	51776364	52047072	51351434	51724957	0.68	cps
Neodymium	150-1	900	673	967	847	18.16	cps
Neodymium	150-2	193	207	197	199	3.49	cps
Nickel	60-2	831125	826552	823506	827061	0.46	cps
Phosphorus	31-2	192	292	225	236	21.57	cps
Potassium	39-2	5171404	5169318	5273973	5204898	1.15	cps
Rhodium	103-1	12785355	12892876	12732398	12803543	0.64	cps
Rhodium	103-2	5878597	5711901	5944075	5844858	2.05	cps
Scandium	45-1	10533121	10679966	10773858	10662315	1.14	cps
Scandium	45-2	276711	278354	272182	275749	1.16	cps
Selenium	82-1	120330	120681	120800	120604	0.20	cps
Selenium	77-2	3277	2944	3117	3113	5.36	cps
Selenium	78-2	10604	10775	10672	10684	0.81	cps
Silicon	28-1	35331591	36504357	37740804	36525584	3.30	cps
Silver	107-1	7233230	5830571	4637585	5900462	22.02	cps
Silver	109-1	7281328	10776215	6409642	8155728	28.33	cps
Sodium	23-2	34449704	34462792	34111293	34341263	0.58	cps
Strontium	86-1	22606045	22718034	22343415	22555831	0.85	cps
Strontium	88-1	195664246	199632438	187799725	194365470	3.10	cps
Sulfur	34-1	819734	817542	817332	818203	0.16	cps
Terbium	159-1	15684620	15443386	15692435	15606814	0.91	cps
Terbium	159-2	7121775	7096009	7012959	7076914	0.80	cps
Thallium	203-1	4858471	4966174	4721625	4848757	2.53	cps
Thallium	205-1	11358546	11417709	10693149	11156468	3.61	cps
Tin	118-1	5477204	5476050	5523119	5492124	0.49	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:34:03	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10135736	10093239	10215903	10148293	0.61	cps
Uranium	238-1	14205111	14011231	14136494	14117612	0.70	cps
Vanadium	51-2	1381565	1373302	1376609	1377159	0.30	cps
Ytterbium	172-1	258	317	350	308	15.05	cps
Ytterbium	172-2	183	161	150	165	10.30	cps
Ytterbium	176-1	2250	2300	2225	2259	1.69	cps
Ytterbium	176-2	2022	2172	2473	2222	10.31	cps
Yttrium	89-1	34240680	32992538	34003234	33745484	1.96	cps
Yttrium	89-2	3287008	3369041	3363481	3339843	1.37	cps
Zinc	66-2	3080279	2979530	2866068	2975292	3.60	cps
Zirconium	90-1	11941943	11684663	11979953	11868853	1.35	cps
Zirconium	91-1	2685759	2587913	2616714	2630129	1.91	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	878458	876398	871488	875448	0.41	cps
Antimony	121-1	5492805	5554129	5549964	5532299	0.62	cps
Arsenic	75-2	163180	163329	163275	163261	0.05	cps
Barium	135-1	7905816	8005957	8164854	8025543	1.63	cps
Barium	137-1	13603408	13562158	13953296	13706287	1.57	cps
Beryllium	9-1	1495546	1545659	1504641	1515282	1.76	cps
Bismuth	209-1	8177817	7982527	7958819	8039721	1.49	cps
Bismuth	209-2	4811510	4820124	4675068	4768901	1.71	cps
Boron	10-1	194160	200497	204582	199746	2.63	cps
Boron	11-1	888950	837288	902679	876306	3.93	cps
Bromine	81-1	69744	74564	80089	74799	6.92	cps
Cadmium	111-1	1567493	1541578	1565696	1558256	0.93	cps
Cadmium	106-1	171909	172220	168027	170719	1.37	cps
Cadmium	108-1	117297	114534	115265	115699	1.24	cps
Calcium	43-1	3825297	3915815	3871275	3870796	1.17	cps
Calcium	44-1	58772190	58203834	58203342	58393122	0.56	cps
Carbon	12-1	11119006	11168185	11694083	11327091	2.81	cps
Carbon	12-2	122350	126731	125342	124807	1.79	cps
Chlorine	35-1	3689973	3763587	3752992	3735517	1.07	cps
Chlorine	35-2	24338	25131	23945	24471	2.47	cps
Chromium	52-2	1760392	1810917	1743699	1771669	1.98	cps
Cobalt	59-2	3210063	3231851	3184047	3208654	0.75	cps
Copper	63-2	27416863	26784515	26797752	26999710	1.34	cps
Dysprosium	156-1	825	792	750	789	4.76	cps
Dysprosium	156-2	337	303	277	306	9.84	cps
Erbium	164-1	583	550	533	556	4.58	cps
Erbium	164-2	230	193	233	219	10.14	cps
Gadolinium	160-1	600	683	683	656	7.34	cps
Gadolinium	160-2	373	330	440	381	14.54	cps
Holmium	165-1	14665200	14788432	14591836	14681823	0.68	cps
Holmium	165-2	7210891	7076843	7035522	7107752	1.29	cps
Indium	115-1	13079996	13855506	13076801	13337434	3.36	cps
Indium	115-2	1979313	2009841	1965016	1984723	1.15	cps
Iron	54-2	4223306	4265374	4154569	4214416	1.33	cps
Iron	56-2	75221224	75526057	73907793	74885025	1.15	cps
Iron	57-2	1953651	1937878	1900047	1930525	1.43	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1070	1043	1084	4.60	cps
Lead	206-1	19841041	19310532	19343738	19498437	1.52	cps
Lead	207-1	17142132	16258398	16730189	16710239	2.65	cps
Lead	208-1	78138210	75809099	76810757	76919355	1.52	cps
Lithium	6-1	4469889	4649571	4609269	4576243	2.06	cps
Magnesium	24-2	14103513	13682994	14009804	13932104	1.58	cps
Manganese	55-2	9393326	9531818	9380545	9435230	0.89	cps
Molybdenum	94-1	22305269	22849274	23262715	22805752	2.11	cps
Molybdenum	95-1	32480814	32534254	32953372	32656147	0.79	cps
Molybdenum	96-1	35394903	34731713	36137231	35421282	1.99	cps
Molybdenum	97-1	19507082	19935380	20349754	19930739	2.11	cps
Molybdenum	98-1	50591924	51552193	52183213	51442443	1.56	cps
Neodymium	150-1	940	807	793	847	9.58	cps
Neodymium	150-2	217	213	163	198	15.11	cps
Nickel	60-2	844188	840511	841918	842206	0.22	cps
Phosphorus	31-2	192	192	200	194	2.48	cps
Potassium	39-2	5359670	5335191	5336355	5343739	0.26	cps
Rhodium	103-1	12991805	13687953	12974210	13217989	3.08	cps
Rhodium	103-2	5803982	5708522	5709835	5740780	0.95	cps
Scandium	45-1	10699530	10513542	10347217	10520096	1.68	cps
Scandium	45-2	278165	274792	277701	276886	0.66	cps
Selenium	82-1	119398	120265	119448	119704	0.41	cps
Selenium	77-2	3290	3280	3150	3240	2.41	cps
Selenium	78-2	10611	10613	10661	10628	0.27	cps
Silicon	28-1	35857873	35246600	35189570	35431347	1.05	cps
Silver	107-1	8471407	7556809	8538623	8188946	6.70	cps
Silver	109-1	5878054	9806650	8598889	8094531	24.86	cps
Sodium	23-2	34618980	33834637	33964888	34139502	1.23	cps
Strontium	86-1	20779823	20900253	21364471	21014849	1.47	cps
Strontium	88-1	178862504	179935921	182527204	180441876	1.04	cps
Sulfur	34-1	802127	807836	807561	805841	0.40	cps
Terbium	159-1	15193846	16331350	15449315	15658170	3.81	cps
Terbium	159-2	7016499	7085260	7073654	7058471	0.52	cps
Thallium	203-1	4717062	4995684	4666012	4792919	3.70	cps
Thallium	205-1	11395024	11222209	11310475	11309236	0.76	cps
Tin	118-1	5301495	5486030	5320179	5369235	1.89	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M4040-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:36:57	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10200148	9704254	10035468	9979957	2.53	cps
Uranium	238-1	13923625	13931501	14234557	14029894	1.26	cps
Vanadium	51-2	1403069	1396500	1405328	1401632	0.33	cps
Ytterbium	172-1	292	292	300	294	1.63	cps
Ytterbium	172-2	194	150	133	159	19.84	cps
Ytterbium	176-1	1959	2400	2100	2153	10.48	cps
Ytterbium	176-2	2061	2078	2217	2119	4.03	cps
Yttrium	89-1	34117510	33572077	33664165	33784584	0.86	cps
Yttrium	89-2	3308931	3300325	3346219	3318491	0.74	cps
Zinc	66-2	2997882	2960349	3004661	2987631	0.80	cps
Zirconium	90-1	11876613	11780400	12103644	11920219	1.39	cps
Zirconium	91-1	2608535	2637353	2712683	2652857	2.03	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4048898	4196123	4241392	4162138	2.42	cps
Antimony	121-1	5452658	5533303	5398422	5461461	1.24	cps
Arsenic	75-2	164606	164312	165318	164745	0.31	cps
Barium	135-1	7254337	7258009	7271286	7261211	0.12	cps
Barium	137-1	12520085	12729816	12487390	12579097	1.05	cps
Beryllium	9-1	1533392	1596753	1570903	1567016	2.03	cps
Bismuth	209-1	7558448	7688811	7246614	7497957	3.03	cps
Bismuth	209-2	4539552	4502317	4467724	4503198	0.80	cps
Boron	10-1	185012	187526	191607	188048	1.77	cps
Boron	11-1	848338	861065	883594	864332	2.07	cps
Bromine	81-1	38181	36314	36384	36960	2.86	cps
Cadmium	111-1	1638216	1635107	1646499	1639941	0.36	cps
Cadmium	106-1	178464	176685	180261	178470	1.00	cps
Cadmium	108-1	120152	120581	116723	119152	1.77	cps
Calcium	43-1	13254091	12975457	12870387	13033312	1.52	cps
Calcium	44-1	211141988	210382336	207922455	209815593	0.80	cps
Carbon	12-1	8370856	8488640	8185785	8348427	1.83	cps
Carbon	12-2	87796	88567	86211	87525	1.37	cps
Chlorine	35-1	2868444	2755477	2625848	2749923	4.41	cps
Chlorine	35-2	15375	14616	14825	14939	2.63	cps
Chromium	52-2	1820517	1809012	1796211	1808580	0.67	cps
Cobalt	59-2	3077553	3181338	3146633	3135174	1.69	cps
Copper	63-2	25005793	24934953	24872384	24937710	0.27	cps
Dysprosium	156-1	1108	1183	1167	1153	3.42	cps
Dysprosium	156-2	503	543	547	531	4.54	cps
Erbium	164-1	200	300	283	261	20.52	cps
Erbium	164-2	137	130	117	128	7.97	cps
Gadolinium	160-1	1183	1367	1058	1203	12.89	cps
Gadolinium	160-2	520	573	620	571	8.76	cps
Holmium	165-1	14595200	14716407	14391731	14567779	1.13	cps
Holmium	165-2	7142971	7052571	7166966	7120836	0.85	cps
Indium	115-1	13066940	12785529	12989003	12947157	1.12	cps
Indium	115-2	1936571	1943001	1954652	1944741	0.47	cps
Iron	54-2	19146519	18929216	18803364	18959700	0.92	cps
Iron	56-2	344059308	344886508	347177619	345374478	0.47	cps
Iron	57-2	8505858	8748432	8567253	8607181	1.47	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	950	1057	1018	5.79	cps
Lead	206-1	19053813	19138863	19137909	19110195	0.26	cps
Lead	207-1	16614147	16432794	15967704	16338215	2.04	cps
Lead	208-1	75992405	75623397	74127201	75247668	1.31	cps
Lithium	6-1	4558838	4628330	4516919	4568029	1.23	cps
Magnesium	24-2	60539878	60987872	61478416	61002056	0.77	cps
Manganese	55-2	9075550	9098964	9043494	9072669	0.31	cps
Molybdenum	94-1	14377263	14601163	14301562	14426663	1.08	cps
Molybdenum	95-1	17150157	17419156	17151156	17240156	0.90	cps
Molybdenum	96-1	18856733	19272934	19305998	19145222	1.31	cps
Molybdenum	97-1	10338431	10380383	10654465	10457759	1.64	cps
Molybdenum	98-1	26941425	26916475	27606166	27154688	1.44	cps
Neodymium	150-1	413	387	293	364	17.29	cps
Neodymium	150-2	30	13	40	28	48.51	cps
Nickel	60-2	893717	879207	892759	888561	0.91	cps
Phosphorus	31-2	28270	27368	28061	27900	1.69	cps
Potassium	39-2	22576279	22378874	22899369	22618174	1.16	cps
Rhodium	103-1	12100451	11946546	12424178	12157059	2.01	cps
Rhodium	103-2	5442515	5519632	5549282	5503810	1.00	cps
Scandium	45-1	10182562	10158394	10179249	10173402	0.13	cps
Scandium	45-2	272449	275479	280764	276231	1.52	cps
Selenium	82-1	119281	119961	120528	119923	0.52	cps
Selenium	77-2	3190	3280	3194	3222	1.58	cps
Selenium	78-2	10576	11073	10893	10848	2.32	cps
Silicon	28-1	5871632	5634315	5446019	5650655	3.77	cps
Silver	107-1	8435189	8327561	8192157	8318303	1.46	cps
Silver	109-1	7962100	7913609	7795395	7890368	1.09	cps
Sodium	23-2	115595344	117905753	117255990	116919029	1.02	cps
Strontium	86-1	22090191	22385205	21641707	22039034	1.70	cps
Strontium	88-1	189779517	195881088	194393934	193351513	1.65	cps
Sulfur	34-1	918431	931285	923417	924378	0.70	cps
Terbium	159-1	15327501	14699520	14944217	14990413	2.11	cps
Terbium	159-2	6994455	7071336	6950786	7005526	0.87	cps
Thallium	203-1	4783493	4659063	4767131	4736562	1.43	cps
Thallium	205-1	11159980	10845119	11038933	11014678	1.44	cps
Tin	118-1	5068126	5071517	4989072	5042905	0.93	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P8
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 17:39:52	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5463157	5370754	5373311	5402407	0.97	cps
Uranium	238-1	14406829	13951817	14190856	14183168	1.60	cps
Vanadium	51-2	1403370	1425931	1410704	1413335	0.81	cps
Ytterbium	172-1	67	75	33	58	37.80	cps
Ytterbium	172-2	39	22	61	41	47.89	cps
Ytterbium	176-1	23705	23271	23689	23555	1.04	cps
Ytterbium	176-2	12473	12656	13084	12738	2.46	cps
Yttrium	89-1	33445170	33415698	33205970	33355613	0.39	cps
Yttrium	89-2	3316954	3348316	3322198	3329156	0.50	cps
Zinc	66-2	2647666	2709382	2651081	2669376	1.30	cps
Zirconium	90-1	13047732	13005573	13250310	13101205	1.00	cps
Zirconium	91-1	2923348	2876852	2924144	2908115	0.93	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P8
 Client Sample ID : CCB57 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:02:02 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231	281	296	270	12.63	cps
Antimony	121-1	983	1167	1425	1192	18.62	cps
Arsenic	75-2	17	26	22	22	20.81	cps
Barium	135-1	233	308	242	261	15.74	cps
Barium	137-1	492	433	383	436	12.43	cps
Beryllium	9-1	166	172	162	167	3.02	cps
Bismuth	209-1	8053572	8133001	8154051	8113541	0.65	cps
Bismuth	209-2	4867688	4114870	4332760	4438439	8.73	cps
Boron	10-1	10992	10706	10676	10791	1.62	cps
Boron	11-1	51385	49210	47511	49369	3.93	cps
Bromine	81-1	28488	30224	29351	29354	2.96	cps
Cadmium	111-1	6259	6094	6174	6176	1.33	cps
Cadmium	106-1	8661	8478	8595	8578	1.08	cps
Cadmium	108-1	71	75	67	71	5.88	cps
Calcium	43-1	842	835	814	830	1.80	cps
Calcium	44-1	55876	55549	54424	55283	1.38	cps
Carbon	12-1	5857697	5771881	5956814	5862131	1.58	cps
Carbon	12-2	57037	57179	56887	57034	0.26	cps
Chlorine	35-1	2421155	2275851	2187550	2294852	5.14	cps
Chlorine	35-2	12481	12589	11730	12267	3.81	cps
Chromium	52-2	1123	1123	1103	1117	1.03	cps
Cobalt	59-2	137	237	223	199	27.30	cps
Copper	63-2	2070	2334	2314	2239	6.55	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	92	117	83	97	17.84	cps
Erbium	164-2	33	37	47	39	17.85	cps
Gadolinium	160-1	133	83	100	106	24.12	cps
Gadolinium	160-2	47	70	33	50	37.12	cps
Holmium	165-1	15048028	14868145	14470593	14795589	2.00	cps
Holmium	165-2	7141235	5905761	6259382	6435459	9.89	cps
Indium	115-1	13775700	14113103	13709097	13865967	1.56	cps
Indium	115-2	2117543	1700513	1828880	1882312	11.35	cps
Iron	54-2	1178	1372	1478	1343	11.34	cps
Iron	56-2	14407	17434	19397	17079	14.72	cps
Iron	57-2	344	389	600	444	30.72	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P8
 Client Sample ID : CCB57 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:02:02 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1040	940	1026	7.74	cps
Lead	206-1	3306	3312	3045	3221	4.73	cps
Lead	207-1	2945	2678	2695	2773	5.39	cps
Lead	208-1	12708	12436	12147	12430	2.26	cps
Lithium	6-1	4739532	4780553	4619556	4713213	1.78	cps
Magnesium	24-2	1875	2859	2600	2445	20.86	cps
Manganese	55-2	547	577	647	590	8.70	cps
Molybdenum	94-1	2100	1892	2184	2059	7.30	cps
Molybdenum	95-1	1450	1117	983	1183	20.31	cps
Molybdenum	96-1	1600	1467	1608	1558	5.10	cps
Molybdenum	97-1	675	692	783	717	8.14	cps
Molybdenum	98-1	1934	1900	1892	1909	1.16	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	170	190	177	6.54	cps
Phosphorus	31-2	83	50	92	75	29.40	cps
Potassium	39-2	23929	24296	23937	24054	0.87	cps
Rhodium	103-1	13625173	13704795	13505739	13611902	0.74	cps
Rhodium	103-2	6238735	4939852	5426307	5534965	11.86	cps
Scandium	45-1	10702562	10956506	10469642	10709570	2.27	cps
Scandium	45-2	285230	236071	248853	256718	9.94	cps
Selenium	82-1	-20	-53	93	7	1145.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	69	86	93	83	14.93	cps
Silicon	28-1	537668	538345	531944	535986	0.66	cps
Silver	107-1	6643	5643	4709	5665	17.07	cps
Silver	109-1	6660	5084	4651	5465	19.35	cps
Sodium	23-2	42947	44209	44803	43987	2.15	cps
Strontium	86-1	2517	2300	2342	2386	4.82	cps
Strontium	88-1	7110	6885	6919	6971	1.74	cps
Sulfur	34-1	452510	446550	443543	447534	1.02	cps
Terbium	159-1	14930128	15209930	15230782	15123614	1.11	cps
Terbium	159-2	7166612	5796966	6156171	6373250	11.14	cps
Thallium	203-1	1900	1717	1675	1764	6.79	cps
Thallium	205-1	4226	4176	4151	4184	0.91	cps
Tin	118-1	2300	2225	2150	2225	3.37	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P8
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:02:02	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	400	475	436	8.62	cps
Uranium	238-1	642	433	317	464	35.49	cps
Vanadium	51-2	53	83	80	72	22.77	cps
Ytterbium	172-1	17	58	67	47	56.72	cps
Ytterbium	172-2	6	33	17	19	75.47	cps
Ytterbium	176-1	1817	1875	1742	1811	3.69	cps
Ytterbium	176-2	2200	2084	2228	2171	3.53	cps
Yttrium	89-1	34322654	33877101	33529480	33909745	1.17	cps
Yttrium	89-2	3453238	2785786	3063464	3100829	10.81	cps
Zinc	66-2	703	740	657	700	5.97	cps
Zirconium	90-1	4267	3976	3801	4015	5.87	cps
Zirconium	91-1	742	908	758	803	11.43	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139562BL Instrumnet Name : P8
 Client Sample ID : PB139562BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:05:43 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179	187	170	179	4.90	cps
Antimony	121-1	608	642	800	683	14.99	cps
Arsenic	75-2	21	18	21	20	8.66	cps
Barium	135-1	267	158	200	208	26.23	cps
Barium	137-1	392	250	275	306	24.75	cps
Beryllium	9-1	138	98	110	115	17.80	cps
Bismuth	209-1	8154696	8050484	7969452	8058210	1.15	cps
Bismuth	209-2	4699628	4763513	4915941	4793028	2.32	cps
Boron	10-1	8077	8257	7659	7997	3.84	cps
Boron	11-1	37781	37029	36063	36958	2.33	cps
Bromine	81-1	26854	27676	28017	27515	2.17	cps
Cadmium	111-1	6413	6607	6488	6502	1.50	cps
Cadmium	106-1	8945	9328	9162	9145	2.10	cps
Cadmium	108-1	33	117	96	82	52.93	cps
Calcium	43-1	679	666	634	660	3.52	cps
Calcium	44-1	52623	51924	51892	52146	0.79	cps
Carbon	12-1	5617061	5628587	5850230	5698626	2.31	cps
Carbon	12-2	54486	58216	54593	55765	3.81	cps
Chlorine	35-1	2143656	2071248	1973506	2062804	4.14	cps
Chlorine	35-2	11822	11330	10779	11310	4.61	cps
Chromium	52-2	1137	1113	1110	1120	1.30	cps
Cobalt	59-2	163	123	120	136	17.79	cps
Copper	63-2	1643	1623	1503	1590	4.76	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	83	83	175	114	46.47	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	100	125	133	119	14.53	cps
Gadolinium	160-2	50	50	57	52	7.37	cps
Holmium	165-1	14509066	14608223	14241909	14453066	1.31	cps
Holmium	165-2	7035134	6744557	7188504	6989398	3.23	cps
Indium	115-1	13323869	13930153	13198823	13484282	2.90	cps
Indium	115-2	2061384	2046331	2053145	2053620	0.37	cps
Iron	54-2	883	867	1006	919	8.26	cps
Iron	56-2	9498	9286	9125	9303	2.01	cps
Iron	57-2	261	283	206	250	16.02	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:05:43	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1030	1017	1036	2.14	cps
Lead	206-1	2645	2567	2500	2571	2.81	cps
Lead	207-1	2189	2200	2184	2191	0.39	cps
Lead	208-1	10413	10330	10318	10354	0.50	cps
Lithium	6-1	4515959	4650510	4694702	4620390	2.01	cps
Magnesium	24-2	983	1033	1100	1039	5.63	cps
Manganese	55-2	417	437	403	419	4.01	cps
Molybdenum	94-1	1350	1200	1300	1283	5.95	cps
Molybdenum	95-1	783	558	608	650	18.18	cps
Molybdenum	96-1	1075	1100	1000	1058	4.92	cps
Molybdenum	97-1	442	325	408	392	15.34	cps
Molybdenum	98-1	1033	1050	1183	1089	7.55	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	130	140	153	141	8.30	cps
Phosphorus	31-2	67	75	92	78	16.37	cps
Potassium	39-2	23202	23453	22551	23069	2.02	cps
Rhodium	103-1	13764050	13352348	13635562	13583986	1.55	cps
Rhodium	103-2	6148245	6045609	6079844	6091233	0.86	cps
Scandium	45-1	10640234	10526861	10233522	10466872	2.01	cps
Scandium	45-2	281331	275603	283459	280131	1.45	cps
Selenium	82-1	-36	-29	-58	-41	-37.32	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	49	64	65	59	15.10	cps
Silicon	28-1	525646	522846	524190	524227	0.27	cps
Silver	107-1	1859	1900	2075	1945	5.91	cps
Silver	109-1	2200	1425	1750	1792	21.72	cps
Sodium	23-2	39128	40056	38894	39359	1.56	cps
Strontium	86-1	2150	1984	1925	2020	5.78	cps
Strontium	88-1	4459	3659	3959	4026	10.04	cps
Sulfur	34-1	456025	461842	454779	457548	0.82	cps
Terbium	159-1	15158216	15072631	15772055	15334301	2.49	cps
Terbium	159-2	6930184	6810491	7000587	6913754	1.39	cps
Thallium	203-1	1725	1367	1508	1533	11.77	cps
Thallium	205-1	3851	3484	3342	3559	7.37	cps
Tin	118-1	1950	1909	1709	1856	6.96	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:05:43	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	400	400	325	375	11.55	cps
Uranium	238-1	325	233	267	275	16.87	cps
Vanadium	51-2	33	23	30	29	17.63	cps
Ytterbium	172-1	42	33	42	39	12.38	cps
Ytterbium	172-2	28	28	6	20	62.97	cps
Ytterbium	176-1	1767	1767	2150	1895	11.68	cps
Ytterbium	176-2	2106	2084	2284	2158	5.08	cps
Yttrium	89-1	33829244	34033564	33767832	33876880	0.41	cps
Yttrium	89-2	3475012	3261705	3366760	3367826	3.17	cps
Zinc	66-2	517	653	630	600	12.18	cps
Zirconium	90-1	2192	2484	2459	2378	6.80	cps
Zirconium	91-1	492	458	575	508	11.82	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139562BS Instrumnet Name : P8
 Client Sample ID : PB139562BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:08:43 DataFile Name : 052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842372	832713	830520	835202	0.76	cps
Antimony	121-1	5704393	5835196	5721281	5753623	1.24	cps
Arsenic	75-2	166382	164526	165156	165355	0.57	cps
Barium	135-1	7538145	7548403	7351335	7479295	1.48	cps
Barium	137-1	12870201	12810373	12756021	12812198	0.45	cps
Beryllium	9-1	1584338	1660833	1585800	1610324	2.72	cps
Bismuth	209-1	7974670	7879898	7916681	7923750	0.60	cps
Bismuth	209-2	4714530	4758230	4800827	4757862	0.91	cps
Boron	10-1	154281	165534	163420	161078	3.71	cps
Boron	11-1	722123	773423	784694	760080	4.39	cps
Bromine	81-1	28378	29180	28488	28682	1.52	cps
Cadmium	111-1	1639816	1620477	1654151	1638148	1.03	cps
Cadmium	106-1	178740	181466	179896	180034	0.76	cps
Cadmium	108-1	117030	118521	116731	117427	0.82	cps
Calcium	43-1	2755568	2738501	2718682	2737583	0.67	cps
Calcium	44-1	39738810	39115594	39302396	39385600	0.81	cps
Carbon	12-1	6579647	6682513	6696854	6653005	0.96	cps
Carbon	12-2	68008	68385	67799	68064	0.44	cps
Chlorine	35-1	2098634	2002739	1930921	2010765	4.18	cps
Chlorine	35-2	11688	10879	11096	11221	3.73	cps
Chromium	52-2	1958669	1846244	1856829	1887247	3.29	cps
Cobalt	59-2	3390807	3355904	3323776	3356829	1.00	cps
Copper	63-2	26443483	26028415	26188115	26220004	0.80	cps
Dysprosium	156-1	217	267	200	228	15.23	cps
Dysprosium	156-2	143	130	153	142	8.23	cps
Erbium	164-1	133	158	117	136	15.41	cps
Erbium	164-2	53	63	90	69	27.52	cps
Gadolinium	160-1	367	342	283	331	12.94	cps
Gadolinium	160-2	177	247	170	198	21.47	cps
Holmium	165-1	14615043	14438921	14825747	14626570	1.32	cps
Holmium	165-2	7185382	7270536	7196797	7217572	0.64	cps
Indium	115-1	13531939	12961816	13479476	13324410	2.36	cps
Indium	115-2	1997032	2046589	2030494	2024705	1.25	cps
Iron	54-2	4148182	4000704	4154729	4101205	2.12	cps
Iron	56-2	72721891	72659304	71802196	72394464	0.71	cps
Iron	57-2	1856328	1881424	1839677	1859143	1.13	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:08:43	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1027	970	1004	3.01	cps
Lead	206-1	19425509	19192614	19190747	19269624	0.70	cps
Lead	207-1	16863187	16600531	16997344	16820354	1.20	cps
Lead	208-1	77639410	76159589	77229387	77009462	0.99	cps
Lithium	6-1	4662236	4638241	4846049	4715509	2.41	cps
Magnesium	24-2	13038068	12652680	12615478	12768742	1.83	cps
Manganese	55-2	8981768	8801030	8950234	8911011	1.08	cps
Molybdenum	94-1	14260461	14163461	14493299	14305741	1.18	cps
Molybdenum	95-1	17639420	17325940	17502496	17489285	0.90	cps
Molybdenum	96-1	19753255	19497291	19544920	19598488	0.69	cps
Molybdenum	97-1	10615827	10846310	10642316	10701484	1.18	cps
Molybdenum	98-1	27567992	28153901	27704443	27808779	1.10	cps
Neodymium	150-1	367	353	287	336	12.77	cps
Neodymium	150-2	23	10	13	16	44.60	cps
Nickel	60-2	893073	871778	886843	883898	1.24	cps
Phosphorus	31-2	29672	28462	28946	29027	2.10	cps
Potassium	39-2	4917634	4877347	4882257	4892413	0.45	cps
Rhodium	103-1	13172290	13090563	13038736	13100529	0.51	cps
Rhodium	103-2	5633120	5970399	5924630	5842716	3.13	cps
Scandium	45-1	10669819	10800608	10860326	10776917	0.90	cps
Scandium	45-2	284571	285881	287300	285918	0.48	cps
Selenium	82-1	123041	123142	123413	123199	0.16	cps
Selenium	77-2	3354	3024	3504	3294	7.46	cps
Selenium	78-2	11375	11123	11369	11289	1.27	cps
Silicon	28-1	5399424	5617598	5649573	5555532	2.45	cps
Silver	107-1	8101486	8428781	8345490	8291919	2.05	cps
Silver	109-1	7758184	7881348	7969273	7869601	1.35	cps
Sodium	23-2	25142935	24037325	23599715	24259992	3.28	cps
Strontium	86-1	22127204	22435664	22523332	22362067	0.93	cps
Strontium	88-1	195894959	196946588	196814625	196552057	0.29	cps
Sulfur	34-1	884684	899431	949452	911189	3.73	cps
Terbium	159-1	15401173	15361989	15045995	15269719	1.28	cps
Terbium	159-2	6993415	7233676	7115443	7114178	1.69	cps
Thallium	203-1	4868366	4895546	4711461	4825124	2.06	cps
Thallium	205-1	11345805	11154213	10881752	11127257	2.10	cps
Tin	118-1	5204211	5270436	5213160	5229269	0.69	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:08:43	DataFile Name :	052LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5612355	5542348	5677784	5610829	1.21	cps
Uranium	238-1	14104654	14096254	13711169	13970693	1.61	cps
Vanadium	51-2	1461661	1423049	1490959	1458556	2.34	cps
Ytterbium	172-1	42	33	50	42	20.00	cps
Ytterbium	172-2	22	17	17	19	17.30	cps
Ytterbium	176-1	21159	22461	22202	21941	3.14	cps
Ytterbium	176-2	12039	12851	12907	12599	3.85	cps
Yttrium	89-1	34164103	34180569	33871560	34072077	0.51	cps
Yttrium	89-2	3299010	3457966	3373319	3376765	2.36	cps
Zinc	66-2	2880850	2894235	2878798	2884628	0.29	cps
Zirconium	90-1	12540584	12570105	12580875	12563855	0.17	cps
Zirconium	91-1	2795921	2754246	2783796	2777987	0.77	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139266BL Instrumnet Name : P8
 Client Sample ID : PB139266BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:30:06 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179	226	200	202	11.80	cps
Antimony	121-1	342	442	500	428	18.72	cps
Arsenic	75-2	13	18	20	17	21.21	cps
Barium	135-1	167	183	208	186	11.27	cps
Barium	137-1	275	325	417	339	21.20	cps
Beryllium	9-1	100	94	110	101	7.98	cps
Bismuth	209-1	7900244	8056875	7863324	7940148	1.29	cps
Bismuth	209-2	4991791	4865973	4954398	4937387	1.31	cps
Boron	10-1	3748	3670	3722	3713	1.07	cps
Boron	11-1	16836	17093	17535	17155	2.06	cps
Bromine	81-1	28980	28448	28098	28509	1.56	cps
Cadmium	111-1	6093	5683	5556	5777	4.86	cps
Cadmium	106-1	8595	7969	7836	8133	4.98	cps
Cadmium	108-1	33	42	29	35	18.33	cps
Calcium	43-1	636	609	694	646	6.71	cps
Calcium	44-1	50811	50403	50702	50639	0.42	cps
Carbon	12-1	5814114	5984682	5969649	5922815	1.59	cps
Carbon	12-2	59061	58860	58116	58679	0.85	cps
Chlorine	35-1	2726450	2642446	2537034	2635310	3.60	cps
Chlorine	35-2	14841	14341	13799	14327	3.64	cps
Chromium	52-2	1143	1243	1133	1173	5.18	cps
Cobalt	59-2	200	160	157	172	14.00	cps
Copper	63-2	1893	1947	1843	1895	2.73	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-1	83	58	117	86	33.99	cps
Erbium	164-2	63	70	37	57	31.12	cps
Gadolinium	160-1	125	67	167	119	42.05	cps
Gadolinium	160-2	70	57	60	62	11.15	cps
Holmium	165-1	14205318	14177625	14285736	14222893	0.39	cps
Holmium	165-2	7327909	7071855	7018066	7139277	2.32	cps
Indium	115-1	13452704	13491115	13582091	13508637	0.49	cps
Indium	115-2	2105547	2054688	2108450	2089562	1.45	cps
Iron	54-2	1089	961	989	1013	6.63	cps
Iron	56-2	12150	11744	11210	11701	4.03	cps
Iron	57-2	300	261	300	287	7.82	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BL	Instrumnet Name :	P8
Client Sample ID :	PB139266BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:30:06	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	967	1037	993	3.81	cps
Lead	206-1	2117	2056	2272	2148	5.20	cps
Lead	207-1	1689	1889	2117	1898	11.28	cps
Lead	208-1	8373	8512	8996	8627	3.79	cps
Lithium	6-1	4654140	4369975	4387460	4470525	3.56	cps
Magnesium	24-2	1583	1333	1325	1414	10.38	cps
Manganese	55-2	467	540	600	536	12.47	cps
Molybdenum	94-1	1358	1067	1250	1225	12.04	cps
Molybdenum	95-1	700	642	667	669	4.37	cps
Molybdenum	96-1	900	833	900	878	4.38	cps
Molybdenum	97-1	367	308	392	356	12.03	cps
Molybdenum	98-1	1050	1050	1100	1067	2.71	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	127	193	197	172	22.93	cps
Phosphorus	31-2	100	92	83	92	9.09	cps
Potassium	39-2	21583	21516	21341	21480	0.58	cps
Rhodium	103-1	12857634	13308206	13050221	13072020	1.73	cps
Rhodium	103-2	6188554	6031187	6068012	6095918	1.35	cps
Scandium	45-1	10356410	10273507	10224525	10284814	0.65	cps
Scandium	45-2	297455	282883	283186	287842	2.89	cps
Selenium	82-1	25	53	-24	18	218.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	72	77	81	77	5.88	cps
Silicon	28-1	533178	525869	521052	526700	1.16	cps
Silver	107-1	1058	1133	1025	1072	5.18	cps
Silver	109-1	942	750	825	839	11.51	cps
Sodium	23-2	37223	36730	36680	36878	0.81	cps
Strontium	86-1	1750	2100	2109	1986	10.30	cps
Strontium	88-1	3984	4159	5260	4468	15.48	cps
Sulfur	34-1	455857	459064	455743	456888	0.41	cps
Terbium	159-1	14954843	15170927	14674714	14933495	1.67	cps
Terbium	159-2	7137396	6985915	7083490	7068934	1.09	cps
Thallium	203-1	1142	1017	1275	1145	11.29	cps
Thallium	205-1	2742	2709	3192	2881	9.37	cps
Tin	118-1	992	1008	733	911	16.92	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BL	Instrumnet Name :	P8
Client Sample ID :	PB139266BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:30:06	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	542	375	447	19.12	cps
Uranium	238-1	267	292	417	325	24.73	cps
Vanadium	51-2	43	57	50	50	13.34	cps
Ytterbium	172-1	33	8	0	14	124.91	cps
Ytterbium	172-2	6	11	17	11	49.99	cps
Ytterbium	176-1	1750	1825	1650	1742	5.04	cps
Ytterbium	176-2	2445	2739	2484	2556	6.26	cps
Yttrium	89-1	32999080	33385681	32644813	33009858	1.12	cps
Yttrium	89-2	3468486	3398788	3380111	3415795	1.36	cps
Zinc	66-2	560	550	513	541	4.54	cps
Zirconium	90-1	2042	2300	2367	2236	7.68	cps
Zirconium	91-1	333	417	417	389	12.37	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : PB139266BS Instrumnet Name : P8
 Client Sample ID : PB139266BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:36:52 DataFile Name : 055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3751	3964	3671	3795	3.98	cps
Antimony	121-1	41999	42918	45376	43431	4.02	cps
Arsenic	75-2	641	651	681	658	3.17	cps
Barium	135-1	56527	57682	58486	57565	1.71	cps
Barium	137-1	99734	99113	103655	100834	2.44	cps
Beryllium	9-1	6346	6364	6214	6308	1.30	cps
Bismuth	209-1	7907730	8172716	7952683	8011043	1.77	cps
Bismuth	209-2	4770668	4920908	4348549	4680042	6.34	cps
Boron	10-1	17857	18296	19117	18423	3.47	cps
Boron	11-1	79793	85965	88952	84903	5.50	cps
Bromine	81-1	29602	28238	28118	28652	2.88	cps
Cadmium	111-1	11754	12595	12319	12222	3.51	cps
Cadmium	106-1	9470	10137	9620	9743	3.59	cps
Cadmium	108-1	592	463	500	518	12.83	cps
Calcium	43-1	46349	46261	47013	46541	0.88	cps
Calcium	44-1	811730	804842	813272	809948	0.55	cps
Carbon	12-1	6287659	6168476	6039816	6165317	2.01	cps
Carbon	12-2	61136	59798	60182	60372	1.14	cps
Chlorine	35-1	2294386	2166616	2105073	2188692	4.41	cps
Chlorine	35-2	12514	12381	11130	12008	6.36	cps
Chromium	52-2	16163	16133	15876	16057	0.98	cps
Cobalt	59-2	13006	13707	13937	13550	3.58	cps
Copper	63-2	19777	19664	19917	19786	0.64	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	125	108	108	114	8.45	cps
Erbium	164-2	47	23	37	36	32.93	cps
Gadolinium	160-1	158	58	117	111	45.21	cps
Gadolinium	160-2	20	27	50	32	48.88	cps
Holmium	165-1	13949610	14083279	14346076	14126322	1.43	cps
Holmium	165-2	6930455	7093301	6538728	6854161	4.16	cps
Indium	115-1	13170024	13350481	13353125	13291210	0.79	cps
Indium	115-2	2078688	2095763	1837381	2003944	7.21	cps
Iron	54-2	44586	46007	45322	45305	1.57	cps
Iron	56-2	811991	815267	817337	814865	0.33	cps
Iron	57-2	20498	20326	20343	20389	0.47	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BS	Instrumnet Name :	P8
Client Sample ID :	PB139266BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:36:52	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	963	970	972	1.05	cps
Lead	206-1	16016	16817	16533	16455	2.47	cps
Lead	207-1	14397	13491	14314	14067	3.56	cps
Lead	208-1	64630	66157	66875	65887	1.74	cps
Lithium	6-1	4653806	4469273	4628246	4583775	2.18	cps
Magnesium	24-2	250067	250927	251437	250810	0.28	cps
Manganese	55-2	4184	3974	4027	4062	2.69	cps
Molybdenum	94-1	55469	58097	57110	56892	2.33	cps
Molybdenum	95-1	68368	69415	71250	69678	2.09	cps
Molybdenum	96-1	74995	74861	76881	75579	1.49	cps
Molybdenum	97-1	42767	41605	43160	42510	1.90	cps
Molybdenum	98-1	110892	111724	109968	110861	0.79	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3901	4007	4111	4006	2.62	cps
Phosphorus	31-2	133	92	58	94	39.79	cps
Potassium	39-2	206694	208238	208331	207754	0.44	cps
Rhodium	103-1	13025506	13502572	13205426	13244501	1.82	cps
Rhodium	103-2	6068712	6056951	5491137	5872267	5.62	cps
Scandium	45-1	10353574	10576446	10643686	10524569	1.44	cps
Scandium	45-2	288430	285450	259239	277706	5.78	cps
Selenium	82-1	2516	2490	2568	2525	1.59	cps
Selenium	77-2	77	53	73	68	18.62	cps
Selenium	78-2	329	307	307	314	4.04	cps
Silicon	28-1	759187	746108	751317	752204	0.88	cps
Silver	107-1	31929	32013	31194	31712	1.42	cps
Silver	109-1	30284	29432	30033	29916	1.46	cps
Sodium	23-2	514460	522227	527482	521390	1.26	cps
Strontium	86-1	11338	11130	11296	11255	0.98	cps
Strontium	88-1	86350	88338	86678	87122	1.22	cps
Sulfur	34-1	473942	467645	464102	468563	1.06	cps
Terbium	159-1	14937907	15417728	15349840	15235158	1.70	cps
Terbium	159-2	7018306	7029492	6309185	6785661	6.08	cps
Thallium	203-1	18205	18522	19582	18770	3.84	cps
Thallium	205-1	45848	45397	45840	45695	0.57	cps
Tin	118-1	96263	100485	98494	98414	2.15	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	PB139266BS	Instrumnet Name :	P8
Client Sample ID :	PB139266BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:36:52	DataFile Name :	055LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20290	22193	20916	21133	4.59	cps
Uranium	238-1	50535	51162	52116	51271	1.55	cps
Vanadium	51-2	28816	28378	28582	28592	0.77	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	17	28	17	20	31.48	cps
Ytterbium	176-1	1692	1775	2009	1825	8.99	cps
Ytterbium	176-2	2072	2361	2117	2184	7.12	cps
Yttrium	89-1	33751580	33978058	32871072	33533570	1.74	cps
Yttrium	89-2	3377464	3453854	3077996	3303105	6.01	cps
Zinc	66-2	5211	4988	4831	5010	3.81	cps
Zirconium	90-1	47858	48794	47139	47930	1.73	cps
Zirconium	91-1	10429	10746	10955	10710	2.47	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5840	5823	5764	5809	0.69	cps
Antimony	121-1	1658	1675	1633	1656	1.27	cps
Arsenic	75-2	196	170	153	173	12.52	cps
Barium	135-1	185384	186894	189256	187178	1.04	cps
Barium	137-1	323613	330805	328894	327771	1.14	cps
Beryllium	9-1	174	202	204	193	8.67	cps
Bismuth	209-1	8133841	7965328	8214737	8104635	1.57	cps
Bismuth	209-2	4821839	4879475	4944937	4882084	1.26	cps
Boron	10-1	9947	10128	10572	10216	3.15	cps
Boron	11-1	45872	46877	48241	46997	2.53	cps
Bromine	81-1	70508	80371	86785	79222	10.35	cps
Cadmium	111-1	6763	6372	6444	6526	3.19	cps
Cadmium	106-1	9554	8945	9153	9217	3.36	cps
Cadmium	108-1	58	50	67	58	14.29	cps
Calcium	43-1	641518	644943	653260	646574	0.93	cps
Calcium	44-1	10883848	10755987	10837986	10825940	0.60	cps
Carbon	12-1	12426729	13247234	14076214	13250059	6.22	cps
Carbon	12-2	140073	143944	144248	142755	1.63	cps
Chlorine	35-1	3780403	4015137	4253026	4016189	5.88	cps
Chlorine	35-2	29080	30441	31385	30302	3.82	cps
Chromium	52-2	7015	6975	6628	6873	3.10	cps
Cobalt	59-2	1963	2084	2067	2038	3.19	cps
Copper	63-2	5641	5771	5695	5702	1.15	cps
Dysprosium	156-1	425	425	458	436	4.41	cps
Dysprosium	156-2	203	177	237	206	14.62	cps
Erbium	164-1	550	575	433	519	14.56	cps
Erbium	164-2	173	260	277	237	23.44	cps
Gadolinium	160-1	500	558	558	539	6.25	cps
Gadolinium	160-2	277	253	353	294	17.77	cps
Holmium	165-1	15008398	14685639	14885002	14859680	1.10	cps
Holmium	165-2	7359384	7190480	7210559	7253474	1.27	cps
Indium	115-1	14304942	13725807	13907025	13979258	2.12	cps
Indium	115-2	2126286	2090646	2082260	2099731	1.11	cps
Iron	54-2	279647	274975	277564	277395	0.84	cps
Iron	56-2	5167209	5236635	5274068	5225971	1.04	cps
Iron	57-2	124999	124870	125918	125262	0.46	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	803	1037	944	13.14	cps
Lead	206-1	31683	31934	31238	31618	1.12	cps
Lead	207-1	28231	27652	26990	27624	2.25	cps
Lead	208-1	125832	124432	123078	124448	1.11	cps
Lithium	6-1	4778112	4683414	4792749	4751425	1.25	cps
Magnesium	24-2	699298	692480	685612	692463	0.99	cps
Manganese	55-2	520780	516131	513341	516751	0.73	cps
Molybdenum	94-1	1767	1875	2117	1920	9.34	cps
Molybdenum	95-1	1967	2292	2025	2095	8.27	cps
Molybdenum	96-1	2284	2842	2759	2628	11.46	cps
Molybdenum	97-1	1350	1158	1408	1306	10.02	cps
Molybdenum	98-1	3350	3284	3417	3350	1.99	cps
Neodymium	150-1	640	640	707	662	5.81	cps
Neodymium	150-2	233	213	177	208	13.83	cps
Nickel	60-2	1040	927	1063	1010	7.24	cps
Phosphorus	31-2	308	275	308	297	6.48	cps
Potassium	39-2	455216	455418	459694	456776	0.55	cps
Rhodium	103-1	13284501	13496257	13577214	13452657	1.12	cps
Rhodium	103-2	6110387	6003252	6207720	6107120	1.67	cps
Scandium	45-1	10873729	10718112	10855428	10815756	0.79	cps
Scandium	45-2	295096	293916	289176	292729	1.07	cps
Selenium	82-1	112	269	67	149	71.23	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	93	80	75	83	11.24	cps
Silicon	28-1	38520044	38286610	37165041	37990565	1.91	cps
Silver	107-1	650	700	575	642	9.81	cps
Silver	109-1	608	467	358	478	26.24	cps
Sodium	23-2	32529665	31934260	31616321	32026749	1.45	cps
Strontium	86-1	430295	430687	435355	432112	0.65	cps
Strontium	88-1	3740231	3827434	3750190	3772618	1.27	cps
Sulfur	34-1	626335	622531	609676	619514	1.41	cps
Terbium	159-1	15001117	15426396	15406722	15278078	1.57	cps
Terbium	159-2	7241614	7237745	7154458	7211272	0.68	cps
Thallium	203-1	825	1117	1183	1042	18.30	cps
Thallium	205-1	2725	2592	2267	2528	9.33	cps
Tin	118-1	2317	2450	2292	2353	3.62	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06	Instrumnet Name :	P8
Client Sample ID :	A0AT6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:39:52	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3934	3784	3617	3778	4.19	cps
Uranium	238-1	792	917	808	839	8.09	cps
Vanadium	51-2	1287	1293	1430	1337	6.05	cps
Ytterbium	172-1	283	392	283	319	19.58	cps
Ytterbium	172-2	200	156	150	169	16.26	cps
Ytterbium	176-1	2009	2125	1950	2028	4.39	cps
Ytterbium	176-2	2256	2389	2328	2324	2.87	cps
Yttrium	89-1	33977777	33876216	35110644	34321546	2.00	cps
Yttrium	89-2	3397956	3436575	3406828	3413786	0.59	cps
Zinc	66-2	6362	6038	6078	6159	2.86	cps
Zirconium	90-1	2267	2575	2751	2531	9.68	cps
Zirconium	91-1	458	533	625	539	15.49	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5702	5649	5798	5716	1.32	cps
Antimony	121-1	1642	1750	1675	1689	3.29	cps
Arsenic	75-2	161	176	159	165	5.62	cps
Barium	135-1	190394	190150	190279	190274	0.06	cps
Barium	137-1	328178	333183	330981	330780	0.76	cps
Beryllium	9-1	168	176	182	175	4.01	cps
Bismuth	209-1	7961712	7810984	8146878	7973191	2.11	cps
Bismuth	209-2	4991672	4861695	4921283	4924884	1.32	cps
Boron	10-1	9195	9553	9503	9417	2.06	cps
Boron	11-1	43040	44015	44849	43968	2.06	cps
Bromine	81-1	79033	85719	90663	85138	6.86	cps
Cadmium	111-1	6701	6117	6476	6431	4.58	cps
Cadmium	106-1	9479	8678	9220	9125	4.48	cps
Cadmium	108-1	54	46	58	53	12.06	cps
Calcium	43-1	645692	657488	652248	651809	0.91	cps
Calcium	44-1	10886255	10979843	11061706	10975935	0.80	cps
Carbon	12-1	13311722	13767373	14683821	13920972	5.02	cps
Carbon	12-2	151300	150518	149945	150587	0.45	cps
Chlorine	35-1	4853585	5071143	5305274	5076667	4.45	cps
Chlorine	35-2	35494	36781	36731	36335	2.01	cps
Chromium	52-2	6872	6502	6662	6678	2.78	cps
Cobalt	59-2	1950	2110	2100	2053	4.37	cps
Copper	63-2	5421	5421	5524	5456	1.09	cps
Dysprosium	156-1	267	417	567	417	36.00	cps
Dysprosium	156-2	233	187	153	191	21.03	cps
Erbium	164-1	575	533	608	572	6.57	cps
Erbium	164-2	203	243	223	223	8.95	cps
Gadolinium	160-1	550	508	533	531	3.95	cps
Gadolinium	160-2	260	290	240	263	9.56	cps
Holmium	165-1	14863551	14262981	14896163	14674232	2.43	cps
Holmium	165-2	7241536	7347895	7323143	7304191	0.76	cps
Indium	115-1	13712540	13735760	13647457	13698586	0.33	cps
Indium	115-2	2146529	2110102	2074584	2110405	1.70	cps
Iron	54-2	271738	276801	275128	274556	0.94	cps
Iron	56-2	5145741	5113410	5189788	5149646	0.74	cps
Iron	57-2	124376	124426	124578	124460	0.08	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1030	1000	1013	1.51	cps
Lead	206-1	32196	32174	32513	32294	0.59	cps
Lead	207-1	26516	27151	26305	26657	1.65	cps
Lead	208-1	123943	125638	122926	124169	1.10	cps
Lithium	6-1	4707034	4538588	4751279	4665634	2.41	cps
Magnesium	24-2	687471	686233	684502	686069	0.22	cps
Manganese	55-2	518775	509168	514958	514301	0.94	cps
Molybdenum	94-1	1959	2034	1834	1942	5.20	cps
Molybdenum	95-1	2350	2067	2100	2172	7.13	cps
Molybdenum	96-1	2575	2600	2425	2534	3.74	cps
Molybdenum	97-1	1225	1233	1158	1206	3.41	cps
Molybdenum	98-1	3351	3084	3192	3209	4.18	cps
Neodymium	150-1	720	553	720	664	14.48	cps
Neodymium	150-2	200	220	253	224	12.01	cps
Nickel	60-2	880	927	1087	964	11.24	cps
Phosphorus	31-2	200	275	275	250	17.32	cps
Potassium	39-2	456791	453253	459109	456384	0.65	cps
Rhodium	103-1	13533312	12600625	13228995	13120977	3.62	cps
Rhodium	103-2	6230298	6183828	6082505	6165544	1.23	cps
Scandium	45-1	10683124	10391300	10909252	10661225	2.44	cps
Scandium	45-2	293491	287709	291681	290960	1.02	cps
Selenium	82-1	81	55	96	77	27.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	73	84	74	77	7.90	cps
Silicon	28-1	36802170	37141235	37826156	37256520	1.40	cps
Silver	107-1	408	467	317	397	19.04	cps
Silver	109-1	233	325	308	289	16.90	cps
Sodium	23-2	32333249	32577784	32601191	32504075	0.46	cps
Strontium	86-1	431249	439216	436679	435715	0.93	cps
Strontium	88-1	3777094	3827631	4009564	3871430	3.16	cps
Sulfur	34-1	586521	587454	598148	590708	1.09	cps
Terbium	159-1	15284636	14761369	15431110	15159038	2.32	cps
Terbium	159-2	7305684	7217745	7226668	7250032	0.67	cps
Thallium	203-1	925	1000	883	936	6.32	cps
Thallium	205-1	2284	2350	2250	2295	2.22	cps
Tin	118-1	2100	2225	1758	2028	11.91	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-08	Instrumnet Name :	P8
Client Sample ID :	A0AT6D	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:42:51	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3476	3784	3701	3653	4.37	cps
Uranium	238-1	667	858	875	800	14.47	cps
Vanadium	51-2	1417	1407	1343	1389	2.86	cps
Ytterbium	172-1	325	333	267	308	11.78	cps
Ytterbium	172-2	167	178	217	187	14.04	cps
Ytterbium	176-1	2050	1784	2092	1975	8.47	cps
Ytterbium	176-2	2189	2334	2322	2282	3.52	cps
Yttrium	89-1	34287079	32276282	34426332	33663231	3.57	cps
Yttrium	89-2	3491891	3501479	3407194	3466855	1.50	cps
Zinc	66-2	5554	6065	5838	5819	4.39	cps
Zirconium	90-1	2200	2150	2217	2189	1.59	cps
Zirconium	91-1	350	333	408	364	10.82	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06LX5	Instrumnet Name :	P8
Client Sample ID :	A0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 18:45:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1269	1220	1226	1238	2.14	cps
Antimony	121-1	500	383	525	469	16.11	cps
Arsenic	75-2	49	35	30	38	25.93	cps
Barium	135-1	35873	36801	36726	36467	1.41	cps
Barium	137-1	63584	62687	63215	63162	0.71	cps
Beryllium	9-1	124	92	70	95	28.48	cps
Bismuth	209-1	8132571	8453454	8211531	8265852	2.02	cps
Bismuth	209-2	5232684	4950988	4867057	5016910	3.82	cps
Boron	10-1	4334	4200	4354	4296	1.95	cps
Boron	11-1	19757	19777	19940	19825	0.50	cps
Bromine	81-1	47389	48714	46315	47473	2.53	cps
Cadmium	111-1	6552	6612	6228	6464	3.20	cps
Cadmium	106-1	9278	9337	8795	9137	3.26	cps
Cadmium	108-1	38	58	29	42	36.05	cps
Calcium	43-1	123353	124305	123718	123792	0.39	cps
Calcium	44-1	2172133	2132602	2197118	2167284	1.50	cps
Carbon	12-1	7955219	7748323	7859120	7854221	1.32	cps
Carbon	12-2	78947	77564	79708	78740	1.38	cps
Chlorine	35-1	3710689	3534523	3471376	3572196	3.47	cps
Chlorine	35-2	21692	21283	19964	20980	4.30	cps
Chromium	52-2	2150	1983	2244	2126	6.20	cps
Cobalt	59-2	587	450	467	501	14.88	cps
Copper	63-2	2180	2140	2007	2109	4.30	cps
Dysprosium	156-1	108	167	117	131	24.16	cps
Dysprosium	156-2	33	50	63	49	30.75	cps
Erbium	164-1	133	133	158	142	10.19	cps
Erbium	164-2	87	97	83	89	7.81	cps
Gadolinium	160-1	225	167	208	200	15.02	cps
Gadolinium	160-2	83	77	83	81	4.74	cps
Holmium	165-1	14943336	14906799	14999263	14949799	0.31	cps
Holmium	165-2	7646932	7204685	7032363	7294660	4.35	cps
Indium	115-1	13915719	13309820	13376850	13534130	2.45	cps
Indium	115-2	2163428	2073528	2083067	2106674	2.34	cps
Iron	54-2	53779	53271	55363	54138	2.02	cps
Iron	56-2	970583	973388	962296	968756	0.60	cps
Iron	57-2	24616	23959	24599	24391	1.54	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3794-06LX5 Instrumnet Name : P8
 Client Sample ID : A0AT6L Dilution Factor : 5
 Date & Time Acquired :: 2021-10-04 18:45:48 DataFile Name : 058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1027	1070	1052	2.16	cps
Lead	206-1	7397	7108	7491	7332	2.73	cps
Lead	207-1	6452	5851	6124	6142	4.89	cps
Lead	208-1	29525	28597	28880	29000	1.64	cps
Lithium	6-1	4722672	4696612	4581539	4666941	1.61	cps
Magnesium	24-2	132795	133248	133392	133145	0.23	cps
Manganese	55-2	98082	95222	99490	97598	2.23	cps
Molybdenum	94-1	1509	783	850	1047	38.29	cps
Molybdenum	95-1	750	700	633	694	8.43	cps
Molybdenum	96-1	1601	792	775	1056	44.72	cps
Molybdenum	97-1	367	317	250	311	18.81	cps
Molybdenum	98-1	1342	842	900	1028	26.62	cps
Neodymium	150-1	120	140	113	124	11.15	cps
Neodymium	150-2	43	17	50	37	48.10	cps
Nickel	60-2	253	263	260	259	1.97	cps
Phosphorus	31-2	125	183	150	153	19.16	cps
Potassium	39-2	102085	102212	103192	102496	0.59	cps
Rhodium	103-1	13354214	13567458	13628219	13516630	1.06	cps
Rhodium	103-2	6480011	6082487	6114027	6225509	3.55	cps
Scandium	45-1	10841407	10531254	10669440	10680700	1.45	cps
Scandium	45-2	302399	287965	285031	291799	3.19	cps
Selenium	82-1	-55	-2	15	-14	-264.44	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	71	58	66	65	10.09	cps
Silicon	28-1	7568684	7500410	7516228	7528440	0.47	cps
Silver	107-1	392	292	308	331	16.21	cps
Silver	109-1	167	208	250	208	20.00	cps
Sodium	23-2	6135201	6252803	6256797	6214934	1.11	cps
Strontium	86-1	83173	85638	83366	84059	1.63	cps
Strontium	88-1	720690	720806	717382	719626	0.27	cps
Sulfur	34-1	461924	459889	467432	463082	0.84	cps
Terbium	159-1	15705799	15122332	15576170	15468100	1.98	cps
Terbium	159-2	7471819	7276122	7061062	7269668	2.83	cps
Thallium	203-1	1017	967	958	981	3.22	cps
Thallium	205-1	2075	2225	2242	2181	4.21	cps
Tin	118-1	2000	1842	1625	1822	10.33	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-06LX5	Instrumnet Name :	P8
Client Sample ID :	A0AT6L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 18:45:48	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192	933	1008	1045	12.72	cps
Uranium	238-1	217	192	167	192	13.04	cps
Vanadium	51-2	243	257	317	272	14.35	cps
Ytterbium	172-1	133	108	33	92	56.78	cps
Ytterbium	172-2	83	56	61	67	22.05	cps
Ytterbium	176-1	2034	1925	1950	1970	2.88	cps
Ytterbium	176-2	2189	2245	2573	2335	8.87	cps
Yttrium	89-1	34211075	33821462	33288039	33773525	1.37	cps
Yttrium	89-2	3642624	3429084	3334433	3468714	4.55	cps
Zinc	66-2	1643	1703	1513	1620	6.00	cps
Zirconium	90-1	2318	1658	1483	1820	24.17	cps
Zirconium	91-1	442	292	300	344	24.48	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3794-09 Instrumnet Name : P8
 Client Sample ID : A0AT6S Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:48:48 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182945	182601	181175	182240	0.52	cps
Antimony	121-1	1263610	1270356	1249168	1261045	0.86	cps
Arsenic	75-2	14675	14824	14723	14741	0.52	cps
Barium	135-1	6534232	6673655	6583101	6596996	1.07	cps
Barium	137-1	11183335	11395671	10980358	11186455	1.86	cps
Beryllium	9-1	168664	167540	168570	168258	0.37	cps
Bismuth	209-1	7977250	8055116	8263813	8098726	1.83	cps
Bismuth	209-2	4858285	4888109	4926585	4890993	0.70	cps
Boron	10-1	7947	8061	8569	8192	4.04	cps
Boron	11-1	37452	37819	39058	38110	2.21	cps
Bromine	81-1	65620	72671	74906	71066	6.82	cps
Cadmium	111-1	180449	176834	175838	177707	1.37	cps
Cadmium	106-1	25249	24814	24790	24951	1.04	cps
Cadmium	108-1	11263	11292	11455	11337	0.91	cps
Calcium	43-1	636617	631711	631797	633375	0.44	cps
Calcium	44-1	10756606	10427762	10418139	10534169	1.83	cps
Carbon	12-1	11985803	13261729	13545136	12930890	6.42	cps
Carbon	12-2	141056	142843	145358	143086	1.51	cps
Chlorine	35-1	9153211	10311756	11276998	10247322	10.38	cps
Chlorine	35-2	81504	86575	88294	85458	4.13	cps
Chromium	52-2	765720	771961	772432	770038	0.49	cps
Cobalt	59-2	3633115	3582503	3601301	3605639	0.71	cps
Copper	63-2	1351968	1354588	1354769	1353775	0.12	cps
Dysprosium	156-1	525	383	458	456	15.56	cps
Dysprosium	156-2	217	207	150	191	18.81	cps
Erbium	164-1	492	425	717	544	28.07	cps
Erbium	164-2	230	220	230	227	2.55	cps
Gadolinium	160-1	567	525	583	558	5.38	cps
Gadolinium	160-2	257	280	300	279	7.78	cps
Holmium	165-1	15280873	15239289	15231239	15250467	0.17	cps
Holmium	165-2	7223821	7160482	7353806	7246036	1.36	cps
Indium	115-1	13743866	13344130	13770212	13619402	1.75	cps
Indium	115-2	2056716	2104288	2077392	2079465	1.15	cps
Iron	54-2	463114	461315	457215	460548	0.66	cps
Iron	56-2	8141580	8074391	7894727	8036900	1.59	cps
Iron	57-2	197411	197348	196814	197191	0.17	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-09	Instrumnet Name :	P8
Client Sample ID :	A0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:48:48	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1103	1050	1036	7.34	cps
Lead	206-1	190817	194219	191440	192159	0.94	cps
Lead	207-1	165577	174099	172583	170753	2.66	cps
Lead	208-1	759624	770988	771279	767297	0.87	cps
Lithium	6-1	4749244	4690331	4809378	4749651	1.25	cps
Magnesium	24-2	677006	679334	668888	675076	0.81	cps
Manganese	55-2	1465161	1481749	1448512	1465141	1.13	cps
Molybdenum	94-1	1842	2175	1934	1984	8.68	cps
Molybdenum	95-1	2225	2267	2375	2289	3.38	cps
Molybdenum	96-1	2867	2692	2675	2745	3.87	cps
Molybdenum	97-1	1317	1300	1217	1278	4.19	cps
Molybdenum	98-1	3984	3542	3517	3681	7.13	cps
Neodymium	150-1	893	800	720	804	10.78	cps
Neodymium	150-2	200	220	173	198	11.84	cps
Nickel	60-2	961169	972971	950432	961524	1.17	cps
Phosphorus	31-2	258	250	267	258	3.23	cps
Potassium	39-2	437725	441127	432352	437068	1.01	cps
Rhodium	103-1	13482461	13609272	13407135	13499623	0.76	cps
Rhodium	103-2	6264569	6114342	6102493	6160468	1.47	cps
Scandium	45-1	10885195	10709312	10979060	10857856	1.26	cps
Scandium	45-2	295871	292345	286630	291615	1.60	cps
Selenium	82-1	26756	26137	26334	26409	1.20	cps
Selenium	77-2	737	700	730	722	2.70	cps
Selenium	78-2	2484	2483	2414	2461	1.63	cps
Silicon	28-1	37321422	36916858	36810598	37016292	0.73	cps
Silver	107-1	790972	814347	813486	806268	1.64	cps
Silver	109-1	863885	818945	792755	825195	4.36	cps
Sodium	23-2	31708947	31380177	30901330	31330151	1.30	cps
Strontium	86-1	421707	417427	419914	419682	0.51	cps
Strontium	88-1	3747117	3649461	3631383	3675987	1.69	cps
Sulfur	34-1	573889	570675	568127	570897	0.51	cps
Terbium	159-1	15481319	15670023	15847758	15666367	1.17	cps
Terbium	159-2	7325703	7312090	7124951	7254248	1.55	cps
Thallium	203-1	505751	506304	510825	507627	0.55	cps
Thallium	205-1	1194092	1216046	1203731	1204623	0.91	cps
Tin	118-1	2275	2192	2100	2189	4.00	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-09	Instrumnet Name :	P8
Client Sample ID :	A0AT6S	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:48:48	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3776	3634	3884	3764	3.33	cps
Uranium	238-1	858	958	733	850	13.26	cps
Vanadium	51-2	1542436	1520193	1528476	1530368	0.73	cps
Ytterbium	172-1	342	325	300	322	6.51	cps
Ytterbium	172-2	200	178	139	172	17.96	cps
Ytterbium	176-1	1992	2200	2134	2109	5.05	cps
Ytterbium	176-2	2139	2389	2167	2232	6.14	cps
Yttrium	89-1	33952874	33785350	34579076	34105767	1.23	cps
Yttrium	89-2	3471699	3431398	3381060	3428052	1.32	cps
Zinc	66-2	305237	307856	305227	306107	0.49	cps
Zirconium	90-1	2134	1809	2375	2106	13.51	cps
Zirconium	91-1	492	442	575	503	13.40	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	811	797	806	805	0.86	cps
Antimony	121-1	575	600	558	578	3.63	cps
Arsenic	75-2	13	16	17	15	13.58	cps
Barium	135-1	1900	1967	2059	1975	4.03	cps
Barium	137-1	3217	3200	3117	3178	1.69	cps
Beryllium	9-1	74	62	76	71	10.72	cps
Bismuth	209-1	8392377	8245597	8289671	8309215	0.91	cps
Bismuth	209-2	5101090	4891972	4999143	4997402	2.09	cps
Boron	10-1	3896	4056	4064	4005	2.37	cps
Boron	11-1	18554	18162	18750	18489	1.62	cps
Bromine	81-1	32240	32531	32802	32524	0.86	cps
Cadmium	111-1	6185	6461	6302	6316	2.19	cps
Cadmium	106-1	8703	9045	8970	8906	2.02	cps
Cadmium	108-1	33	29	63	42	43.59	cps
Calcium	43-1	6021	6078	6139	6079	0.98	cps
Calcium	44-1	140408	141646	139688	140581	0.70	cps
Carbon	12-1	10797938	11592592	12112071	11500867	5.75	cps
Carbon	12-2	127485	131631	124956	128024	2.63	cps
Chlorine	35-1	4547841	4290122	3968421	4268795	6.80	cps
Chlorine	35-2	23612	23219	21967	22933	3.75	cps
Chromium	52-2	2710	2554	2840	2701	5.31	cps
Cobalt	59-2	137	183	197	172	18.29	cps
Copper	63-2	5361	5354	5184	5300	1.89	cps
Dysprosium	156-1	33	50	58	47	26.96	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	133	108	158	133	18.75	cps
Erbium	164-2	40	57	50	49	17.16	cps
Gadolinium	160-1	92	133	83	103	26.06	cps
Gadolinium	160-2	60	67	87	71	19.52	cps
Holmium	165-1	15173069	14812109	14711125	14898768	1.63	cps
Holmium	165-2	7213034	7316032	7405841	7311635	1.32	cps
Indium	115-1	13794334	13424500	13817396	13678743	1.61	cps
Indium	115-2	2126384	2075105	2146349	2115946	1.74	cps
Iron	54-2	4251	4417	3951	4206	5.62	cps
Iron	56-2	67956	68089	66292	67446	1.48	cps
Iron	57-2	1728	1589	1572	1630	5.24	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1003	980	976	3.10	cps
Lead	206-1	5073	5473	4940	5162	5.38	cps
Lead	207-1	4329	4145	4284	4253	2.25	cps
Lead	208-1	19634	20396	19678	19903	2.15	cps
Lithium	6-1	4782243	4583563	4815054	4726953	2.65	cps
Magnesium	24-2	2675	2892	2717	2761	4.16	cps
Manganese	55-2	2124	2150	2327	2200	5.02	cps
Molybdenum	94-1	583	850	767	733	18.60	cps
Molybdenum	95-1	192	208	208	203	4.75	cps
Molybdenum	96-1	425	358	475	419	13.95	cps
Molybdenum	97-1	117	142	117	125	11.55	cps
Molybdenum	98-1	358	283	400	347	17.03	cps
Neodymium	150-1	27	60	80	56	48.49	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	363	363	360	362	0.53	cps
Phosphorus	31-2	92	75	108	92	18.18	cps
Potassium	39-2	41109	40282	40123	40505	1.31	cps
Rhodium	103-1	13703597	13704692	13530522	13646270	0.73	cps
Rhodium	103-2	6154144	6180065	6231418	6188542	0.64	cps
Scandium	45-1	10729523	10375357	10598550	10567810	1.69	cps
Scandium	45-2	287710	292248	295745	291901	1.38	cps
Selenium	82-1	107	17	-11	37	165.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	87	65	75	14.68	cps
Silicon	28-1	674519	684656	688748	682641	1.07	cps
Silver	107-1	800	775	683	753	8.16	cps
Silver	109-1	667	675	492	611	16.94	cps
Sodium	23-2	80153	79232	78402	79262	1.11	cps
Strontium	86-1	2617	2675	2617	2636	1.28	cps
Strontium	88-1	9979	9387	10262	9876	4.52	cps
Sulfur	34-1	427463	429834	428530	428609	0.28	cps
Terbium	159-1	15223692	15459886	15364020	15349199	0.77	cps
Terbium	159-2	7263074	7444282	7298896	7335417	1.31	cps
Thallium	203-1	975	867	908	917	5.96	cps
Thallium	205-1	2575	2167	2242	2328	9.34	cps
Tin	118-1	1642	1725	1642	1670	2.88	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3794-07	Instrumnet Name :	P8
Client Sample ID :	A0B02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:52:17	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	833	775	800	3.76	cps
Uranium	238-1	50	75	58	61	20.83	cps
Vanadium	51-2	143	113	90	116	23.14	cps
Ytterbium	172-1	42	33	25	33	25.01	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	1717	1792	1909	1806	5.35	cps
Ytterbium	176-2	2128	2345	2334	2269	5.38	cps
Yttrium	89-1	34922182	33627467	34453702	34334450	1.91	cps
Yttrium	89-2	3429950	3492957	3488046	3470317	1.01	cps
Zinc	66-2	5875	6058	6011	5981	1.59	cps
Zirconium	90-1	1792	1809	1934	1845	4.20	cps
Zirconium	91-1	333	417	392	381	11.24	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-01 Instrumnet Name : P8
 Client Sample ID : A0AM7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 18:55:19 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41183	41243	40905	41110	0.44	cps
Antimony	121-1	2259	2109	1800	2056	11.37	cps
Arsenic	75-2	272	238	296	269	10.85	cps
Barium	135-1	296381	298503	305447	300110	1.58	cps
Barium	137-1	526007	514544	529631	523394	1.50	cps
Beryllium	9-1	358	444	340	381	14.60	cps
Bismuth	209-1	8047689	7948656	8094303	8030216	0.93	cps
Bismuth	209-2	4658708	4879199	4874370	4804092	2.62	cps
Boron	10-1	7470	7576	7641	7562	1.14	cps
Boron	11-1	33543	35606	35460	34870	3.30	cps
Bromine	81-1	74141	85809	92094	84015	10.84	cps
Cadmium	111-1	6740	6606	6591	6645	1.24	cps
Cadmium	106-1	9287	9112	9070	9156	1.26	cps
Cadmium	108-1	33	50	42	42	20.00	cps
Calcium	43-1	495200	499392	497892	497495	0.43	cps
Calcium	44-1	8234990	8445248	8160797	8280345	1.78	cps
Carbon	12-1	15282796	16268826	17383076	16311566	6.44	cps
Carbon	12-2	173484	180318	184566	179456	3.12	cps
Chlorine	35-1	4911139	5088883	5249566	5083196	3.33	cps
Chlorine	35-2	34325	34367	34300	34330	0.10	cps
Chromium	52-2	12169	11962	11765	11965	1.69	cps
Cobalt	59-2	7495	7699	7465	7553	1.68	cps
Copper	63-2	10124	9853	9823	9934	1.66	cps
Dysprosium	156-1	2017	2167	2250	2145	5.51	cps
Dysprosium	156-2	977	1043	1007	1009	3.31	cps
Erbium	164-1	2084	2167	2017	2089	3.60	cps
Erbium	164-2	1103	940	1093	1046	8.76	cps
Gadolinium	160-1	2500	2292	2100	2297	8.71	cps
Gadolinium	160-2	1150	1200	1250	1200	4.17	cps
Holmium	165-1	14436425	14616417	14754011	14602284	1.09	cps
Holmium	165-2	7075014	7317417	7161794	7184742	1.71	cps
Indium	115-1	13102739	13370116	13504732	13325862	1.54	cps
Indium	115-2	1977634	2033281	2026543	2012486	1.51	cps
Iron	54-2	536483	527606	530311	531467	0.86	cps
Iron	56-2	10132933	10056828	9988512	10059424	0.72	cps
Iron	57-2	246268	244329	240724	243774	1.15	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-01	Instrumnet Name :	P8
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:55:19	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1017	930	974	4.45	cps
Lead	206-1	60798	60564	59810	60391	0.85	cps
Lead	207-1	49790	49556	50588	49978	1.08	cps
Lead	208-1	232087	236077	233904	234023	0.85	cps
Lithium	6-1	4592222	4575467	4732385	4633358	1.86	cps
Magnesium	24-2	580894	580358	577791	579681	0.29	cps
Manganese	55-2	812649	819156	832451	821419	1.23	cps
Molybdenum	94-1	2667	2650	2534	2617	2.78	cps
Molybdenum	95-1	2900	3175	3200	3092	5.38	cps
Molybdenum	96-1	3942	4067	4201	4070	3.18	cps
Molybdenum	97-1	1858	1817	1984	1886	4.60	cps
Molybdenum	98-1	4768	4776	4884	4809	1.35	cps
Neodymium	150-1	3767	3774	3921	3821	2.27	cps
Neodymium	150-2	1273	1250	1330	1285	3.20	cps
Nickel	60-2	1800	1823	1994	1872	5.64	cps
Phosphorus	31-2	800	917	708	808	12.92	cps
Potassium	39-2	407754	404865	398351	403657	1.19	cps
Rhodium	103-1	13176980	13392826	13173488	13247765	0.95	cps
Rhodium	103-2	5863142	6043229	6056408	5987593	1.80	cps
Scandium	45-1	10311948	10585975	10614522	10504148	1.59	cps
Scandium	45-2	275620	285511	285028	282053	1.98	cps
Selenium	82-1	75	91	137	101	31.77	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	66	74	59	66	11.31	cps
Silicon	28-1	38699581	39237978	40570577	39502712	2.44	cps
Silver	107-1	633	567	600	600	5.55	cps
Silver	109-1	533	533	517	528	1.82	cps
Sodium	23-2	22540405	22719786	22874168	22711453	0.74	cps
Strontium	86-1	347120	347542	344441	346368	0.49	cps
Strontium	88-1	3079305	3077596	3089955	3082286	0.22	cps
Sulfur	34-1	570208	572604	572315	571709	0.23	cps
Terbium	159-1	15248625	15341590	15173647	15254621	0.55	cps
Terbium	159-2	7115315	7112286	7150608	7126070	0.30	cps
Thallium	203-1	958	1058	958	992	5.82	cps
Thallium	205-1	2250	2067	2209	2175	4.42	cps
Tin	118-1	2259	2017	2192	2156	5.79	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-01	Instrumnet Name :	P8
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:55:19	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	34208	34317	35052	34526	1.33	cps
Uranium	238-1	2250	2575	2417	2414	6.73	cps
Vanadium	51-2	5911	6081	6031	6008	1.45	cps
Ytterbium	172-1	892	800	992	895	10.72	cps
Ytterbium	172-2	389	406	472	422	10.44	cps
Ytterbium	176-1	2234	2492	2400	2375	5.52	cps
Ytterbium	176-2	2261	2478	2689	2476	8.64	cps
Yttrium	89-1	33830178	33714589	33568180	33704315	0.39	cps
Yttrium	89-2	3357921	3354642	3315123	3342562	0.71	cps
Zinc	66-2	15535	15172	15979	15562	2.60	cps
Zirconium	90-1	2759	3117	2517	2798	10.79	cps
Zirconium	91-1	400	683	600	561	25.95	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13461	13682	13722	13622	1.03	cps
Antimony	121-1	1492	1267	1392	1383	8.15	cps
Arsenic	75-2	199	172	188	186	7.29	cps
Barium	135-1	172501	171203	167413	170373	1.55	cps
Barium	137-1	291818	300882	295337	296012	1.54	cps
Beryllium	9-1	194	178	224	199	11.75	cps
Bismuth	209-1	7905560	8123131	7926669	7985120	1.50	cps
Bismuth	209-2	4104621	4735030	4822391	4554014	8.60	cps
Boron	10-1	7222	7228	7883	7444	5.10	cps
Boron	11-1	34279	34486	36340	35035	3.24	cps
Bromine	81-1	87372	97175	105371	96639	9.32	cps
Cadmium	111-1	6252	5962	6141	6118	2.40	cps
Cadmium	106-1	8761	8428	8661	8617	1.99	cps
Cadmium	108-1	50	54	67	57	15.23	cps
Calcium	43-1	483435	480962	481717	482038	0.26	cps
Calcium	44-1	7950775	8128734	7986131	8021880	1.17	cps
Carbon	12-1	14274105	15172675	16062158	15169646	5.89	cps
Carbon	12-2	166245	164405	169035	166562	1.40	cps
Chlorine	35-1	5013704	5111830	5127954	5084496	1.22	cps
Chlorine	35-2	34575	34433	34600	34536	0.26	cps
Chromium	52-2	3624	3514	3570	3569	1.54	cps
Cobalt	59-2	3117	2730	3044	2964	6.93	cps
Copper	63-2	5231	4861	4948	5013	3.86	cps
Dysprosium	156-1	850	833	1000	894	10.26	cps
Dysprosium	156-2	423	403	370	399	6.76	cps
Erbium	164-1	908	1017	942	956	5.81	cps
Erbium	164-2	400	453	380	411	9.22	cps
Gadolinium	160-1	1067	1075	942	1028	7.27	cps
Gadolinium	160-2	487	553	543	528	6.81	cps
Holmium	165-1	14683324	14885093	14885817	14818078	0.79	cps
Holmium	165-2	6194916	6969929	7347175	6837340	8.59	cps
Indium	115-1	13566448	13505386	13567179	13546338	0.26	cps
Indium	115-2	1796328	1992046	2064785	1951053	7.12	cps
Iron	54-2	296059	298730	295233	296674	0.62	cps
Iron	56-2	5656329	5404648	5420435	5493804	2.57	cps
Iron	57-2	138718	134248	132595	135187	2.34	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	1090	983	1014	6.48	cps
Lead	206-1	9259	9176	9409	9281	1.27	cps
Lead	207-1	7969	8420	8225	8205	2.75	cps
Lead	208-1	36003	37333	37027	36788	1.89	cps
Lithium	6-1	4718604	4669226	4527895	4638575	2.13	cps
Magnesium	24-2	572675	566151	559717	566181	1.14	cps
Manganese	55-2	364076	351900	351510	355829	2.01	cps
Molybdenum	94-1	2009	1975	2042	2009	1.66	cps
Molybdenum	95-1	2642	2609	2867	2706	5.19	cps
Molybdenum	96-1	2850	3067	3267	3062	6.81	cps
Molybdenum	97-1	1608	1525	1508	1547	3.46	cps
Molybdenum	98-1	3892	4017	4126	4012	2.91	cps
Neodymium	150-1	1260	1327	1333	1307	3.10	cps
Neodymium	150-2	543	430	463	479	12.16	cps
Nickel	60-2	1250	1213	1137	1200	4.82	cps
Phosphorus	31-2	350	417	300	356	16.46	cps
Potassium	39-2	381993	377393	372678	377355	1.23	cps
Rhodium	103-1	13217527	13098966	13036169	13117554	0.70	cps
Rhodium	103-2	5236454	5814362	6204447	5751754	8.47	cps
Scandium	45-1	10616571	10753016	10301141	10556909	2.20	cps
Scandium	45-2	244278	275596	282443	267439	7.61	cps
Selenium	82-1	37	-12	39	21	135.41	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	70	64	77	70	9.25	cps
Silicon	28-1	34282851	35320736	35796570	35133386	2.20	cps
Silver	107-1	367	492	458	439	14.75	cps
Silver	109-1	308	325	342	325	5.13	cps
Sodium	23-2	23351720	22479768	22285564	22705684	2.50	cps
Strontium	86-1	330403	335131	336623	334052	0.97	cps
Strontium	88-1	2917028	2993088	3001536	2970551	1.57	cps
Sulfur	34-1	553841	547949	553311	551700	0.59	cps
Terbium	159-1	15648373	15328571	15431999	15469648	1.05	cps
Terbium	159-2	6147777	6963670	6941279	6684242	6.95	cps
Thallium	203-1	833	917	783	844	7.98	cps
Thallium	205-1	1942	2017	1884	1947	3.43	cps
Tin	118-1	1400	1508	1617	1508	7.18	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-02	Instrumnet Name :	P8
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 18:58:16	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9362	8770	9203	9111	3.36	cps
Uranium	238-1	1142	1167	1050	1120	5.49	cps
Vanadium	51-2	2440	2307	2120	2289	7.02	cps
Ytterbium	172-1	300	292	425	339	22.04	cps
Ytterbium	172-2	283	256	206	248	15.88	cps
Ytterbium	176-1	2425	2017	1934	2125	12.38	cps
Ytterbium	176-2	1889	2150	2350	2130	10.86	cps
Yttrium	89-1	34019449	33660496	34343884	34007943	1.01	cps
Yttrium	89-2	2860927	3286575	3370489	3172664	8.61	cps
Zinc	66-2	7959	7906	7952	7939	0.37	cps
Zirconium	90-1	2442	2409	2050	2300	9.44	cps
Zirconium	91-1	358	458	383	400	13.01	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7596	7554	7138	7429	3.40	cps
Antimony	121-1	1492	1517	1475	1495	1.40	cps
Arsenic	75-2	174	199	156	176	12.25	cps
Barium	135-1	168257	165665	167067	166996	0.78	cps
Barium	137-1	290281	297979	289344	292534	1.62	cps
Beryllium	9-1	200	194	150	181	15.06	cps
Bismuth	209-1	8063168	7857520	7873918	7931535	1.44	cps
Bismuth	209-2	4812338	4909870	4731088	4817765	1.86	cps
Boron	10-1	7344	7248	7652	7415	2.85	cps
Boron	11-1	33592	35047	34874	34504	2.30	cps
Bromine	81-1	95783	102054	113443	103760	8.63	cps
Cadmium	111-1	5841	6461	6001	6101	5.28	cps
Cadmium	106-1	8253	9178	8503	8645	5.54	cps
Cadmium	108-1	33	38	67	46	39.63	cps
Calcium	43-1	500233	503702	507164	503700	0.69	cps
Calcium	44-1	8264476	8252392	8536357	8351075	1.92	cps
Carbon	12-1	14478984	15714174	16266768	15486642	5.91	cps
Carbon	12-2	171471	168875	168985	169777	0.86	cps
Chlorine	35-1	5029545	5073785	5147605	5083645	1.17	cps
Chlorine	35-2	34166	34275	33598	34013	1.07	cps
Chromium	52-2	3507	4807	3324	3879	20.84	cps
Cobalt	59-2	2147	3917	2074	2713	38.49	cps
Copper	63-2	4134	12873	4241	7082	70.81	cps
Dysprosium	156-1	575	558	533	556	3.78	cps
Dysprosium	156-2	250	270	250	257	4.50	cps
Erbium	164-1	600	642	650	631	4.25	cps
Erbium	164-2	253	357	323	311	16.95	cps
Gadolinium	160-1	625	583	608	606	3.46	cps
Gadolinium	160-2	310	367	283	320	13.30	cps
Holmium	165-1	14593753	14687502	14289534	14523597	1.43	cps
Holmium	165-2	7272032	7333284	7140089	7248469	1.36	cps
Indium	115-1	13224834	13771135	13195281	13397083	2.42	cps
Indium	115-2	2056078	2001974	2072793	2043615	1.81	cps
Iron	54-2	268622	271747	260224	266864	2.23	cps
Iron	56-2	5054412	5149893	4883551	5029286	2.68	cps
Iron	57-2	121821	124785	120063	122223	1.95	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	997	890	962	6.50	cps
Lead	206-1	7308	6985	7047	7113	2.41	cps
Lead	207-1	5918	6190	5624	5911	4.80	cps
Lead	208-1	27651	28357	27106	27705	2.26	cps
Lithium	6-1	4380992	4708745	4601247	4563661	3.66	cps
Magnesium	24-2	569027	580683	563163	570957	1.56	cps
Manganese	55-2	324928	328604	322674	325402	0.92	cps
Molybdenum	94-1	2009	2217	2050	2092	5.27	cps
Molybdenum	95-1	2400	2184	2367	2317	5.04	cps
Molybdenum	96-1	2959	2992	2967	2973	0.58	cps
Molybdenum	97-1	1533	1558	1642	1578	3.60	cps
Molybdenum	98-1	3434	3951	4276	3887	10.92	cps
Neodymium	150-1	800	947	720	822	13.98	cps
Neodymium	150-2	323	293	310	309	4.87	cps
Nickel	60-2	1110	1610	930	1217	28.97	cps
Phosphorus	31-2	292	192	233	239	21.03	cps
Potassium	39-2	379141	381539	378963	379881	0.38	cps
Rhodium	103-1	13240137	13182217	13209431	13210595	0.22	cps
Rhodium	103-2	6019705	6056653	6114815	6063724	0.79	cps
Scandium	45-1	10339807	10438597	10624824	10467742	1.38	cps
Scandium	45-2	280989	289959	281139	284029	1.81	cps
Selenium	82-1	111	67	167	115	43.71	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	72	71	82	75	8.11	cps
Silicon	28-1	34835346	35776457	34631722	35081175	1.74	cps
Silver	107-1	308	433	433	392	18.43	cps
Silver	109-1	375	250	367	331	21.14	cps
Sodium	23-2	22624758	22736071	22587241	22649357	0.34	cps
Strontium	86-1	347071	343270	343937	344759	0.59	cps
Strontium	88-1	3103415	3030658	3089133	3074402	1.25	cps
Sulfur	34-1	554238	556271	556197	555569	0.21	cps
Terbium	159-1	15244926	15124943	15284019	15217963	0.54	cps
Terbium	159-2	7044876	7015496	7036956	7032443	0.22	cps
Thallium	203-1	758	683	917	786	15.15	cps
Thallium	205-1	2042	1859	1942	1947	4.71	cps
Tin	118-1	1875	1992	2000	1956	3.57	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03	Instrumnet Name :	P8
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:01:15	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4468	4259	4584	4437	3.71	cps
Uranium	238-1	800	975	1083	953	15.01	cps
Vanadium	51-2	1697	3089	1677	2154	37.58	cps
Ytterbium	172-1	308	317	358	328	8.17	cps
Ytterbium	172-2	172	206	194	191	8.90	cps
Ytterbium	176-1	1892	2017	2025	1978	3.78	cps
Ytterbium	176-2	2178	2317	2278	2258	3.17	cps
Yttrium	89-1	33770987	33817662	33193070	33593906	1.04	cps
Yttrium	89-2	3370156	3365029	3364546	3366577	0.09	cps
Zinc	66-2	7799	8587	7455	7947	7.30	cps
Zirconium	90-1	1984	2059	1942	1995	2.96	cps
Zirconium	91-1	250	467	408	375	29.90	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-04RE Instrumnet Name : P8
 Client Sample ID : A0AN3DRE Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:04:11 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7467	7257	7250	7325	1.69	cps
Antimony	121-1	1600	1317	1550	1489	10.16	cps
Arsenic	75-2	165	154	189	169	10.57	cps
Barium	135-1	165531	167088	167253	166624	0.57	cps
Barium	137-1	290661	287003	289223	288962	0.64	cps
Beryllium	9-1	164	178	174	172	4.19	cps
Bismuth	209-1	7933861	8165308	7866491	7988553	1.96	cps
Bismuth	209-2	4748473	4397275	4092498	4412749	7.44	cps
Boron	10-1	7270	7068	7290	7210	1.70	cps
Boron	11-1	32243	33189	34223	33218	2.98	cps
Bromine	81-1	96317	107167	109900	104461	6.88	cps
Cadmium	111-1	6647	6055	6381	6361	4.66	cps
Cadmium	106-1	9412	8611	9020	9014	4.44	cps
Cadmium	108-1	17	63	42	40	56.97	cps
Calcium	43-1	494940	493946	494111	494332	0.11	cps
Calcium	44-1	8502002	8408496	8266594	8392364	1.41	cps
Carbon	12-1	14411347	15341737	16104212	15285765	5.55	cps
Carbon	12-2	169412	170685	172325	170807	0.85	cps
Chlorine	35-1	5016628	5195911	5194821	5135787	2.01	cps
Chlorine	35-2	34475	33656	33080	33737	2.08	cps
Chromium	52-2	3390	3170	3290	3284	3.36	cps
Cobalt	59-2	2020	2027	2104	2050	2.26	cps
Copper	63-2	4014	3841	3997	3951	2.42	cps
Dysprosium	156-1	475	458	575	503	12.55	cps
Dysprosium	156-2	227	267	290	261	12.27	cps
Erbium	164-1	567	650	675	631	9.00	cps
Erbium	164-2	270	280	273	274	1.86	cps
Gadolinium	160-1	700	625	650	658	5.80	cps
Gadolinium	160-2	360	303	347	337	8.80	cps
Holmium	165-1	14678151	14392924	14306048	14459041	1.35	cps
Holmium	165-2	7189298	6325824	6013894	6509672	9.35	cps
Indium	115-1	13305977	13452811	13115844	13291544	1.27	cps
Indium	115-2	2043270	1793912	1710633	1849271	9.36	cps
Iron	54-2	265314	262454	269427	265732	1.32	cps
Iron	56-2	4892435	4957210	5028020	4959221	1.37	cps
Iron	57-2	121339	121861	120057	121086	0.77	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-04RE Instrumnet Name : P8
 Client Sample ID : A0AN3DRE Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:04:11 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1107	960	1056	7.85	cps
Lead	206-1	6696	7252	7069	7006	4.04	cps
Lead	207-1	5857	5885	5624	5788	2.48	cps
Lead	208-1	26928	27211	26878	27006	0.67	cps
Lithium	6-1	4743006	4650572	4509940	4634506	2.53	cps
Magnesium	24-2	589306	567999	579950	579085	1.84	cps
Manganese	55-2	321818	315014	324679	320504	1.55	cps
Molybdenum	94-1	2009	2009	2159	2059	4.21	cps
Molybdenum	95-1	2350	2559	2359	2422	4.87	cps
Molybdenum	96-1	2967	2792	2909	2889	3.08	cps
Molybdenum	97-1	1642	1417	1542	1533	7.35	cps
Molybdenum	98-1	3767	3884	3776	3809	1.71	cps
Neodymium	150-1	767	893	813	824	7.77	cps
Neodymium	150-2	277	283	280	280	1.19	cps
Nickel	60-2	1047	907	977	977	7.17	cps
Phosphorus	31-2	367	333	392	364	8.04	cps
Potassium	39-2	367415	377213	374469	373032	1.36	cps
Rhodium	103-1	13239196	12923735	13166916	13109949	1.26	cps
Rhodium	103-2	6075994	5456710	5040510	5524405	9.43	cps
Scandium	45-1	10524152	10542075	10473824	10513350	0.34	cps
Scandium	45-2	284262	251446	235169	256959	9.73	cps
Selenium	82-1	-41	-50	103	4	2040.50	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	66	64	69	66	3.79	cps
Silicon	28-1	34139381	35021704	33889741	34350275	1.73	cps
Silver	107-1	300	433	383	372	18.10	cps
Silver	109-1	283	267	175	242	24.14	cps
Sodium	23-2	23076444	22353880	22614499	22681608	1.61	cps
Strontium	86-1	336454	341783	340652	339630	0.83	cps
Strontium	88-1	3120984	3064235	3071548	3085589	1.00	cps
Sulfur	34-1	556270	563476	551367	557038	1.09	cps
Terbium	159-1	15493667	15507829	15081770	15361088	1.58	cps
Terbium	159-2	7160663	6316649	5925035	6467449	9.76	cps
Thallium	203-1	817	742	792	783	4.88	cps
Thallium	205-1	1984	1875	2109	1989	5.87	cps
Tin	118-1	1992	2059	2050	2034	1.79	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-04RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3DRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:04:11	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4467	4492	4668	4543	2.40	cps
Uranium	238-1	908	875	925	903	2.82	cps
Vanadium	51-2	1727	1677	1660	1688	2.06	cps
Ytterbium	172-1	317	283	300	300	5.56	cps
Ytterbium	172-2	150	183	194	176	13.15	cps
Ytterbium	176-1	1967	1950	1750	1889	6.38	cps
Ytterbium	176-2	2106	1950	1761	1939	8.90	cps
Yttrium	89-1	33661190	33077895	32751860	33163648	1.39	cps
Yttrium	89-2	3347617	3026875	2817031	3063841	8.72	cps
Zinc	66-2	7565	7012	7072	7216	4.21	cps
Zirconium	90-1	1775	2050	1992	1939	7.47	cps
Zirconium	91-1	483	383	325	397	20.16	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1841	1779	1805	1808	1.74	cps
Antimony	121-1	400	408	400	403	1.19	cps
Arsenic	75-2	51	43	43	46	10.13	cps
Barium	135-1	32398	32724	32481	32534	0.52	cps
Barium	137-1	56360	57916	56226	56834	1.65	cps
Beryllium	9-1	96	98	76	90	13.51	cps
Bismuth	209-1	7972520	8117971	8012411	8034301	0.94	cps
Bismuth	209-2	4495261	4822726	4890336	4736108	4.46	cps
Boron	10-1	3094	3048	3056	3066	0.80	cps
Boron	11-1	13936	14616	14620	14391	2.74	cps
Bromine	81-1	52050	54893	54854	53932	3.02	cps
Cadmium	111-1	5731	6022	5849	5867	2.50	cps
Cadmium	106-1	8078	8545	8328	8317	2.81	cps
Cadmium	108-1	46	25	50	40	33.25	cps
Calcium	43-1	97474	96661	96120	96751	0.70	cps
Calcium	44-1	1699564	1658849	1687323	1681912	1.24	cps
Carbon	12-1	9216430	9027772	9379987	9208063	1.91	cps
Carbon	12-2	89472	90010	91619	90367	1.24	cps
Chlorine	35-1	3716679	3574261	3502430	3597790	3.03	cps
Chlorine	35-2	21366	19964	19998	20443	3.91	cps
Chromium	52-2	1650	1493	1663	1602	5.90	cps
Cobalt	59-2	500	420	370	430	15.25	cps
Copper	63-2	1727	1703	1707	1712	0.74	cps
Dysprosium	156-1	75	100	133	103	28.48	cps
Dysprosium	156-2	73	67	77	72	7.05	cps
Erbium	164-1	208	200	233	214	8.11	cps
Erbium	164-2	60	73	80	71	14.32	cps
Gadolinium	160-1	267	200	150	206	28.47	cps
Gadolinium	160-2	133	90	83	102	26.56	cps
Holmium	165-1	14729936	14486059	14318475	14511490	1.43	cps
Holmium	165-2	6446241	6987625	7108577	6847481	5.15	cps
Indium	115-1	13237945	13688721	13338858	13421841	1.76	cps
Indium	115-2	1854852	2001594	2038898	1965115	4.95	cps
Iron	54-2	51850	50004	51326	51060	1.86	cps
Iron	56-2	947735	919233	915874	927614	1.89	cps
Iron	57-2	23481	22501	23375	23119	2.32	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	923	1000	937	6.17	cps
Lead	206-1	2584	2322	2517	2474	5.48	cps
Lead	207-1	2128	2050	2095	2091	1.87	cps
Lead	208-1	10091	9402	9629	9707	3.62	cps
Lithium	6-1	4732782	4514979	4501907	4583222	2.83	cps
Magnesium	24-2	111258	108924	110527	110236	1.08	cps
Manganese	55-2	62885	61261	62299	62148	1.32	cps
Molybdenum	94-1	733	750	642	708	8.24	cps
Molybdenum	95-1	650	683	650	661	2.91	cps
Molybdenum	96-1	700	867	917	828	13.71	cps
Molybdenum	97-1	433	367	408	403	8.36	cps
Molybdenum	98-1	933	992	867	931	6.72	cps
Neodymium	150-1	133	227	180	180	25.92	cps
Neodymium	150-2	80	53	60	64	21.54	cps
Nickel	60-2	300	263	350	304	14.29	cps
Phosphorus	31-2	50	108	92	83	36.06	cps
Potassium	39-2	87172	88664	87373	87736	0.92	cps
Rhodium	103-1	13385689	13190604	13302883	13293058	0.74	cps
Rhodium	103-2	5680395	5952091	6050597	5894361	3.25	cps
Scandium	45-1	10212933	10355918	10640612	10403154	2.09	cps
Scandium	45-2	256012	279476	277456	270982	4.80	cps
Selenium	82-1	151	104	34	96	61.22	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	64	66	69	66	3.79	cps
Silicon	28-1	7039576	7176883	7178281	7131580	1.12	cps
Silver	107-1	292	267	275	278	4.58	cps
Silver	109-1	200	183	142	175	17.17	cps
Sodium	23-2	4408153	4297113	4362636	4355968	1.28	cps
Strontium	86-1	66912	67346	67271	67176	0.35	cps
Strontium	88-1	565593	575136	575871	572200	1.00	cps
Sulfur	34-1	451479	457162	458641	455761	0.83	cps
Terbium	159-1	15151961	15490330	15252959	15298416	1.14	cps
Terbium	159-2	6742424	7010715	7068271	6940470	2.51	cps
Thallium	203-1	758	725	567	683	14.99	cps
Thallium	205-1	1842	1625	1617	1695	7.53	cps
Tin	118-1	967	1067	933	989	7.02	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P8
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-04 19:07:10	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1300	1000	1217	1172	13.21	cps
Uranium	238-1	283	233	192	236	19.44	cps
Vanadium	51-2	353	290	403	349	16.28	cps
Ytterbium	172-1	83	92	108	94	13.48	cps
Ytterbium	172-2	33	56	50	46	24.99	cps
Ytterbium	176-1	1608	1825	2050	1828	12.08	cps
Ytterbium	176-2	1928	2272	2295	2165	9.50	cps
Yttrium	89-1	32800661	33413561	32868178	33027467	1.02	cps
Yttrium	89-2	3135626	3296480	3404598	3278901	4.13	cps
Zinc	66-2	2020	1743	1913	1892	7.37	cps
Zirconium	90-1	1567	1333	1275	1392	11.09	cps
Zirconium	91-1	308	200	267	258	21.15	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-05RE Instrumnet Name : P8
 Client Sample ID : A0AN3SRE Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:10:08 DataFile Name : 066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183471	182216	180427	182038	0.84	cps
Antimony	121-1	1133650	1139898	1139370	1137639	0.30	cps
Arsenic	75-2	13812	13575	13709	13699	0.87	cps
Barium	135-1	6371856	6186794	6398357	6319002	1.82	cps
Barium	137-1	11007472	10550909	11059901	10872760	2.57	cps
Beryllium	9-1	151159	156483	154664	154102	1.76	cps
Bismuth	209-1	7753445	7429923	7679840	7621069	2.23	cps
Bismuth	209-2	4682046	4659693	4626223	4655987	0.60	cps
Boron	10-1	6072	6438	6352	6287	3.04	cps
Boron	11-1	28518	30143	30279	29647	3.30	cps
Bromine	81-1	72189	77443	82596	77409	6.72	cps
Cadmium	111-1	158912	164429	162139	161827	1.71	cps
Cadmium	106-1	23003	23295	22369	22889	2.07	cps
Cadmium	108-1	10283	10066	10967	10439	4.50	cps
Calcium	43-1	473264	477572	484926	478587	1.23	cps
Calcium	44-1	7943967	7951249	7945490	7946902	0.05	cps
Carbon	12-1	15056884	16225966	16904438	16062429	5.82	cps
Carbon	12-2	174201	176716	172690	174536	1.17	cps
Chlorine	35-1	8593352	9984129	10804760	9794081	11.41	cps
Chlorine	35-2	77390	80793	82125	80103	3.05	cps
Chromium	52-2	727712	723348	716087	722382	0.81	cps
Cobalt	59-2	3454238	3449761	3454684	3452894	0.08	cps
Copper	63-2	1288062	1272911	1267253	1276075	0.84	cps
Dysprosium	156-1	1092	983	1142	1072	7.55	cps
Dysprosium	156-2	463	500	497	487	4.17	cps
Erbium	164-1	975	1092	1125	1064	7.40	cps
Erbium	164-2	517	497	410	474	11.95	cps
Gadolinium	160-1	1167	1358	1175	1233	8.78	cps
Gadolinium	160-2	610	683	650	648	5.67	cps
Holmium	165-1	13835042	13938233	14411735	14061670	2.19	cps
Holmium	165-2	7013429	7044776	6905869	6988025	1.04	cps
Indium	115-1	13047727	13037190	12870516	12985144	0.77	cps
Indium	115-2	1922707	1978384	2006174	1969088	2.16	cps
Iron	54-2	764090	770809	765713	766870	0.46	cps
Iron	56-2	14112434	14167987	13754570	14011664	1.60	cps
Iron	57-2	343700	339390	338348	340479	0.83	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-05RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3SRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:10:08	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	903	937	958	7.05	cps
Lead	206-1	169689	172574	174426	172230	1.39	cps
Lead	207-1	152838	153744	156463	154348	1.22	cps
Lead	208-1	683561	697673	697493	692909	1.17	cps
Lithium	6-1	4346981	4413907	4411862	4390917	0.87	cps
Magnesium	24-2	564442	565147	562869	564153	0.21	cps
Manganese	55-2	2770802	2802463	2720594	2764620	1.49	cps
Molybdenum	94-1	2317	2550	2450	2439	4.80	cps
Molybdenum	95-1	2984	3200	2884	3023	5.36	cps
Molybdenum	96-1	3484	3250	3542	3426	4.51	cps
Molybdenum	97-1	1642	1692	1959	1764	9.65	cps
Molybdenum	98-1	5143	4426	4442	4670	8.76	cps
Neodymium	150-1	1987	2074	2007	2022	2.24	cps
Neodymium	150-2	527	590	710	609	15.29	cps
Nickel	60-2	896310	900680	904434	900475	0.45	cps
Phosphorus	31-2	900	800	625	775	17.96	cps
Potassium	39-2	396804	394802	391445	394350	0.69	cps
Rhodium	103-1	12853287	12472616	12585323	12637075	1.55	cps
Rhodium	103-2	5745033	5829309	5865943	5813428	1.07	cps
Scandium	45-1	10254924	9816312	10032503	10034580	2.19	cps
Scandium	45-2	275121	274121	276142	275128	0.37	cps
Selenium	82-1	23550	23831	23921	23767	0.81	cps
Selenium	77-2	630	610	643	628	2.67	cps
Selenium	78-2	2242	2284	2213	2247	1.59	cps
Silicon	28-1	33424292	33837454	34165355	33809034	1.10	cps
Silver	107-1	492912	501653	501756	498774	1.02	cps
Silver	109-1	482849	478757	491456	484354	1.34	cps
Sodium	23-2	20548209	22087507	20977047	21204254	3.75	cps
Strontium	86-1	332614	336931	336121	335222	0.68	cps
Strontium	88-1	2908400	2866524	2927431	2900785	1.07	cps
Sulfur	34-1	553085	554058	552245	553129	0.16	cps
Terbium	159-1	14852594	14419083	14651504	14641060	1.48	cps
Terbium	159-2	7030350	6821039	6899544	6916978	1.53	cps
Thallium	203-1	457574	473998	472445	468006	1.94	cps
Thallium	205-1	1096072	1120993	1136319	1117795	1.82	cps
Tin	118-1	1917	1834	1859	1870	2.29	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-05RE	Instrumnet Name :	P8
Client Sample ID :	A0AN3SRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:10:08	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8753	8336	8594	8561	2.46	cps
Uranium	238-1	1300	1275	1183	1253	4.90	cps
Vanadium	51-2	1469656	1448165	1493713	1470511	1.55	cps
Ytterbium	172-1	417	525	500	481	11.80	cps
Ytterbium	172-2	228	222	311	254	19.63	cps
Ytterbium	176-1	2150	2084	1959	2064	4.71	cps
Ytterbium	176-2	2056	2484	2211	2250	9.62	cps
Yttrium	89-1	32143310	32030363	32501509	32225061	0.76	cps
Yttrium	89-2	3333068	3305369	3269346	3302594	0.97	cps
Zinc	66-2	289137	286504	288680	288107	0.49	cps
Zirconium	90-1	2175	2067	2184	2142	3.04	cps
Zirconium	91-1	583	442	567	531	14.59	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9531	9324	9332	9396	1.25	cps
Antimony	121-1	1492	1433	1275	1400	8.01	cps
Arsenic	75-2	158	176	152	162	7.71	cps
Barium	135-1	170467	172312	173682	172154	0.94	cps
Barium	137-1	304299	301916	303683	303299	0.41	cps
Beryllium	9-1	200	196	184	193	4.30	cps
Bismuth	209-1	7528095	8058732	7823668	7803498	3.41	cps
Bismuth	209-2	4793967	4852017	4863903	4836629	0.77	cps
Boron	10-1	6470	6622	6768	6620	2.25	cps
Boron	11-1	31446	32399	32488	32111	1.80	cps
Bromine	81-1	86514	100468	107147	98043	10.74	cps
Cadmium	111-1	5949	6630	6446	6342	5.56	cps
Cadmium	106-1	8411	9403	9112	8975	5.68	cps
Cadmium	108-1	79	63	33	58	39.78	cps
Calcium	43-1	481541	477050	479195	479262	0.47	cps
Calcium	44-1	8116816	7883736	7772906	7924486	2.22	cps
Carbon	12-1	13892054	14640498	15134427	14555660	4.30	cps
Carbon	12-2	157372	160033	164299	160568	2.18	cps
Chlorine	35-1	6223480	6260024	6363627	6282377	1.16	cps
Chlorine	35-2	41619	41001	38853	40491	3.59	cps
Chromium	52-2	3520	3117	3140	3259	6.95	cps
Cobalt	59-2	2564	2607	2534	2568	1.44	cps
Copper	63-2	4507	4637	4594	4580	1.45	cps
Dysprosium	156-1	667	633	692	664	4.41	cps
Dysprosium	156-2	270	223	307	267	15.66	cps
Erbium	164-1	708	750	825	761	7.77	cps
Erbium	164-2	320	333	280	311	8.92	cps
Gadolinium	160-1	825	850	667	781	12.74	cps
Gadolinium	160-2	387	330	370	362	8.04	cps
Holmium	165-1	13878633	15153950	14109452	14380678	4.73	cps
Holmium	165-2	7277703	7301254	7066536	7215164	1.79	cps
Indium	115-1	12873431	14155182	13530238	13519617	4.74	cps
Indium	115-2	2043596	2071478	2081921	2065665	0.96	cps
Iron	54-2	280346	276392	276336	277691	0.83	cps
Iron	56-2	5043405	5120024	5068043	5077157	0.77	cps
Iron	57-2	126489	125998	125991	126160	0.23	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	977	1023	997	2.41	cps
Lead	206-1	9709	9409	9126	9415	3.10	cps
Lead	207-1	7803	7875	7975	7884	1.10	cps
Lead	208-1	37049	37294	36348	36897	1.33	cps
Lithium	6-1	4489064	4854291	4545651	4629669	4.25	cps
Magnesium	24-2	550686	559406	552257	554117	0.84	cps
Manganese	55-2	368048	362472	363842	364787	0.80	cps
Molybdenum	94-1	1925	2084	1817	1942	6.91	cps
Molybdenum	95-1	2475	2459	2525	2486	1.40	cps
Molybdenum	96-1	2834	2800	2784	2806	0.91	cps
Molybdenum	97-1	1458	1567	1467	1497	4.03	cps
Molybdenum	98-1	3917	3634	3492	3681	5.88	cps
Neodymium	150-1	900	1067	920	962	9.46	cps
Neodymium	150-2	307	317	347	323	6.44	cps
Nickel	60-2	1140	1200	1113	1151	3.86	cps
Phosphorus	31-2	400	267	425	364	23.39	cps
Potassium	39-2	376406	377996	372343	375582	0.78	cps
Rhodium	103-1	12602336	13548169	13695912	13282139	4.47	cps
Rhodium	103-2	5943673	6077271	6171681	6064208	1.89	cps
Scandium	45-1	10173285	10960912	10477347	10537181	3.77	cps
Scandium	45-2	284755	283853	287372	285327	0.64	cps
Selenium	82-1	39	8	27	25	63.54	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	67	87	80	78	13.01	cps
Silicon	28-1	34141797	33548239	33489472	33726502	1.07	cps
Silver	107-1	767	650	783	733	9.91	cps
Silver	109-1	783	492	542	606	25.76	cps
Sodium	23-2	21889214	22418417	22296167	22201266	1.25	cps
Strontium	86-1	334163	327784	329133	330360	1.02	cps
Strontium	88-1	2991051	2955617	2892195	2946288	1.70	cps
Sulfur	34-1	545905	557504	549070	550826	1.09	cps
Terbium	159-1	14596890	15790767	15575027	15320895	4.15	cps
Terbium	159-2	7073490	7056975	7235482	7121982	1.39	cps
Thallium	203-1	1008	925	825	920	9.98	cps
Thallium	205-1	1984	2217	2100	2100	5.56	cps
Tin	118-1	1959	1950	1800	1903	4.68	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-06	Instrumnet Name :	P8
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:13:03	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5918	6110	6277	6101	2.94	cps
Uranium	238-1	975	975	842	931	8.27	cps
Vanadium	51-2	1997	1780	1930	1902	5.83	cps
Ytterbium	172-1	325	408	383	372	11.49	cps
Ytterbium	172-2	206	178	156	180	13.95	cps
Ytterbium	176-1	1850	2009	2050	1970	5.36	cps
Ytterbium	176-2	2145	2511	2450	2369	8.30	cps
Yttrium	89-1	31796343	35368404	33894407	33686385	5.33	cps
Yttrium	89-2	3371072	3421793	3442352	3411739	1.08	cps
Zinc	66-2	11725	11778	11588	11697	0.84	cps
Zirconium	90-1	2034	2250	1909	2064	8.38	cps
Zirconium	91-1	325	458	417	400	17.05	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18537	18212	18605	18451	1.14	cps
Antimony	121-1	1375	1358	1283	1339	3.65	cps
Arsenic	75-2	148	206	179	178	16.33	cps
Barium	135-1	166787	173081	174094	171321	2.31	cps
Barium	137-1	297781	298605	293724	296704	0.88	cps
Beryllium	9-1	200	178	216	198	9.63	cps
Bismuth	209-1	7926727	7737144	7783270	7815714	1.26	cps
Bismuth	209-2	4856531	4840131	4771811	4822825	0.93	cps
Boron	10-1	6464	6494	6882	6614	3.53	cps
Boron	11-1	30774	32041	32173	31663	2.44	cps
Bromine	81-1	97046	109485	111605	106045	7.42	cps
Cadmium	111-1	6017	6076	6368	6154	3.05	cps
Cadmium	106-1	8503	8586	9062	8717	3.46	cps
Cadmium	108-1	50	25	54	43	36.64	cps
Calcium	43-1	494081	502273	501086	499147	0.89	cps
Calcium	44-1	8531083	8412801	8511356	8485080	0.75	cps
Carbon	12-1	14323448	15336686	16120742	15260292	5.90	cps
Carbon	12-2	163927	168360	169027	167104	1.66	cps
Chlorine	35-1	5527039	5657028	5751267	5645111	1.99	cps
Chlorine	35-2	36806	36906	37516	37076	1.04	cps
Chromium	52-2	3697	3464	3771	3644	4.40	cps
Cobalt	59-2	2477	2500	2407	2461	1.97	cps
Copper	63-2	4748	5058	5074	4960	3.71	cps
Dysprosium	156-1	708	558	567	611	13.80	cps
Dysprosium	156-2	273	257	307	279	9.13	cps
Erbium	164-1	767	592	642	667	13.52	cps
Erbium	164-2	297	297	327	307	5.65	cps
Gadolinium	160-1	908	817	642	789	17.17	cps
Gadolinium	160-2	400	350	370	373	6.74	cps
Holmium	165-1	14330268	14176575	14200597	14235813	0.58	cps
Holmium	165-2	7050465	7177365	7109741	7112524	0.89	cps
Indium	115-1	13521631	13220602	13453450	13398561	1.18	cps
Indium	115-2	2088305	2031663	2045841	2055270	1.43	cps
Iron	54-2	275047	275879	280151	277026	0.99	cps
Iron	56-2	5190174	5246468	5186022	5207555	0.65	cps
Iron	57-2	126236	126730	126815	126594	0.25	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	987	987	998	1.93	cps
Lead	206-1	8631	8509	8514	8551	0.81	cps
Lead	207-1	6958	7152	7002	7037	1.45	cps
Lead	208-1	32683	33117	32856	32885	0.66	cps
Lithium	6-1	4434751	4464933	4621559	4507081	2.23	cps
Magnesium	24-2	569541	577971	576535	574682	0.78	cps
Manganese	55-2	354775	354548	354573	354632	0.04	cps
Molybdenum	94-1	2367	1950	2142	2153	9.69	cps
Molybdenum	95-1	2375	2250	2509	2378	5.43	cps
Molybdenum	96-1	2759	2675	2884	2773	3.78	cps
Molybdenum	97-1	1617	1550	1325	1497	10.21	cps
Molybdenum	98-1	4067	3867	3692	3876	4.84	cps
Neodymium	150-1	1013	827	1000	947	11.00	cps
Neodymium	150-2	303	363	323	330	9.26	cps
Nickel	60-2	1227	1283	1283	1265	2.59	cps
Phosphorus	31-2	325	242	317	294	15.59	cps
Potassium	39-2	376461	379740	378776	378326	0.45	cps
Rhodium	103-1	13362223	13166128	13297115	13275156	0.75	cps
Rhodium	103-2	6172784	5976210	6061764	6070253	1.62	cps
Scandium	45-1	10797142	10405742	10237241	10480041	2.74	cps
Scandium	45-2	281888	282010	280490	281463	0.30	cps
Selenium	82-1	38	99	56	64	48.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	93	72	81	82	12.85	cps
Silicon	28-1	36048435	35740188	35480541	35756388	0.80	cps
Silver	107-1	483	467	367	439	14.38	cps
Silver	109-1	375	317	333	342	8.79	cps
Sodium	23-2	22259399	22076131	22291638	22209056	0.52	cps
Strontium	86-1	336676	343439	339201	339772	1.01	cps
Strontium	88-1	2969981	3010444	3031891	3004105	1.05	cps
Sulfur	34-1	551646	555288	552286	553073	0.35	cps
Terbium	159-1	15213049	14922331	15211018	15115466	1.11	cps
Terbium	159-2	7030423	6936261	7071993	7012892	0.99	cps
Thallium	203-1	825	733	717	758	7.69	cps
Thallium	205-1	1909	1784	1884	1859	3.56	cps
Tin	118-1	2200	2350	2359	2303	3.87	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-07	Instrumnet Name :	P8
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:16:00	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5143	5026	5051	5073	1.21	cps
Uranium	238-1	1000	1050	867	972	9.75	cps
Vanadium	51-2	1837	1800	1673	1770	4.84	cps
Ytterbium	172-1	292	425	383	367	18.60	cps
Ytterbium	172-2	172	189	167	176	6.57	cps
Ytterbium	176-1	2317	1825	1842	1995	14.00	cps
Ytterbium	176-2	2100	2350	2222	2224	5.62	cps
Yttrium	89-1	33161591	32708725	33011730	32960682	0.70	cps
Yttrium	89-2	3380777	3373802	3383040	3379206	0.14	cps
Zinc	66-2	9176	9787	9677	9547	3.41	cps
Zirconium	90-1	2292	2225	2159	2225	3.00	cps
Zirconium	91-1	400	400	433	411	4.68	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : M3766-08 Instrumnet Name : P8
 Client Sample ID : A0AP7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:18:59 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11828	11805	11616	11750	0.99	cps
Antimony	121-1	1725	1717	1450	1631	9.59	cps
Arsenic	75-2	158	171	151	160	6.34	cps
Barium	135-1	164871	164104	168629	165868	1.46	cps
Barium	137-1	281585	296079	289585	289083	2.51	cps
Beryllium	9-1	200	230	226	219	7.45	cps
Bismuth	209-1	7987531	7857070	8063324	7969308	1.31	cps
Bismuth	209-2	4913418	4582149	4793258	4762941	3.52	cps
Boron	10-1	6474	7114	6834	6808	4.71	cps
Boron	11-1	29846	31832	31496	31058	3.42	cps
Bromine	81-1	92096	101398	107238	100244	7.62	cps
Cadmium	111-1	6421	6075	6128	6208	3.00	cps
Cadmium	106-1	9062	8595	8628	8761	2.97	cps
Cadmium	108-1	38	42	58	46	24.05	cps
Calcium	43-1	476322	479542	483924	479929	0.80	cps
Calcium	44-1	7923938	8045903	7958124	7975988	0.79	cps
Carbon	12-1	14023724	15270270	15845762	15046585	6.19	cps
Carbon	12-2	159385	161240	166790	162472	2.37	cps
Chlorine	35-1	5071515	5204646	5309147	5195103	2.29	cps
Chlorine	35-2	35202	35352	34500	35018	1.30	cps
Chromium	52-2	6028	6291	6145	6155	2.14	cps
Cobalt	59-2	3014	2807	3090	2970	4.93	cps
Copper	63-2	6131	6195	6341	6223	1.73	cps
Dysprosium	156-1	725	842	700	756	10.01	cps
Dysprosium	156-2	327	310	337	324	4.15	cps
Erbium	164-1	800	783	758	781	2.69	cps
Erbium	164-2	397	380	337	371	8.35	cps
Gadolinium	160-1	883	750	883	839	9.18	cps
Gadolinium	160-2	443	403	427	424	4.73	cps
Holmium	165-1	14697306	14435105	14864763	14665724	1.48	cps
Holmium	165-2	7230841	6905389	7124315	7086848	2.34	cps
Indium	115-1	13376867	13458762	13304631	13380086	0.58	cps
Indium	115-2	2111204	1977293	2011020	2033172	3.43	cps
Iron	54-2	340196	345040	345305	343513	0.84	cps
Iron	56-2	6367228	6392881	6280921	6347010	0.92	cps
Iron	57-2	159072	158377	154613	157354	1.52	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-08	Instrumnet Name :	P8
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:18:59	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	1040	1100	1011	10.52	cps
Lead	206-1	39499	40174	40480	40051	1.25	cps
Lead	207-1	33427	32140	33204	32924	2.09	cps
Lead	208-1	154878	154653	154166	154566	0.24	cps
Lithium	6-1	4679377	4596886	4691322	4655862	1.10	cps
Magnesium	24-2	548697	548393	539646	545579	0.94	cps
Manganese	55-2	436293	427222	428282	430599	1.15	cps
Molybdenum	94-1	2109	1950	2050	2036	3.93	cps
Molybdenum	95-1	2342	2559	2309	2403	5.65	cps
Molybdenum	96-1	2975	2675	3234	2962	9.44	cps
Molybdenum	97-1	1492	1442	1525	1486	2.82	cps
Molybdenum	98-1	3801	3509	3751	3687	4.23	cps
Neodymium	150-1	1087	1147	1193	1142	4.68	cps
Neodymium	150-2	417	353	383	384	8.24	cps
Nickel	60-2	1013	997	1093	1034	5.00	cps
Phosphorus	31-2	308	250	417	325	26.02	cps
Potassium	39-2	357903	356559	371733	362065	2.32	cps
Rhodium	103-1	12733870	13408984	13018368	13053741	2.60	cps
Rhodium	103-2	6047762	5802792	5842489	5897681	2.23	cps
Scandium	45-1	10485922	10790784	10709074	10661926	1.48	cps
Scandium	45-2	287797	274256	278367	280140	2.48	cps
Selenium	82-1	139	7	-79	22	487.87	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	74	73	76	74	2.05	cps
Silicon	28-1	35829772	34560900	35262138	35217603	1.80	cps
Silver	107-1	500	433	400	444	11.46	cps
Silver	109-1	367	267	283	306	17.53	cps
Sodium	23-2	21567541	21397302	21708181	21557675	0.72	cps
Strontium	86-1	327930	327559	339918	331802	2.12	cps
Strontium	88-1	2926922	2940612	2937391	2934975	0.24	cps
Sulfur	34-1	546952	542323	557100	548792	1.38	cps
Terbium	159-1	15211599	15593812	15349550	15384987	1.26	cps
Terbium	159-2	7308312	6843686	6865292	7005763	3.74	cps
Thallium	203-1	650	758	758	722	8.66	cps
Thallium	205-1	1767	1909	1700	1792	5.94	cps
Tin	118-1	1667	1925	1850	1814	7.33	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-08	Instrumnet Name :	P8
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:18:59	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7177	7352	7177	7235	1.40	cps
Uranium	238-1	942	1133	1092	1056	9.55	cps
Vanadium	51-2	2034	2187	2054	2091	3.99	cps
Ytterbium	172-1	392	317	383	364	11.30	cps
Ytterbium	172-2	178	183	267	209	23.79	cps
Ytterbium	176-1	2150	1717	1984	1950	11.21	cps
Ytterbium	176-2	2172	2267	2411	2284	5.27	cps
Yttrium	89-1	33663061	33813866	33623735	33700221	0.30	cps
Yttrium	89-2	3483801	3258226	3336531	3359519	3.41	cps
Zinc	66-2	6278	6241	6335	6285	0.75	cps
Zirconium	90-1	2159	2359	2109	2209	5.99	cps
Zirconium	91-1	400	617	342	453	32.00	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-09	Instrumnet Name :	P8
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:21:55	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75355	74987	74635	74992	0.48	cps
Antimony	121-1	3476	3526	3517	3506	0.76	cps
Arsenic	75-2	427	501	441	456	8.61	cps
Barium	135-1	229252	228309	227691	228417	0.34	cps
Barium	137-1	391807	396483	397987	395426	0.82	cps
Beryllium	9-1	434	402	460	432	6.72	cps
Bismuth	209-1	7681481	7828144	7692231	7733952	1.06	cps
Bismuth	209-2	4663478	4740667	4792410	4732185	1.37	cps
Boron	10-1	8549	9151	8995	8898	3.51	cps
Boron	11-1	41326	41871	44322	42506	3.75	cps
Bromine	81-1	104462	111796	118639	111633	6.35	cps
Cadmium	111-1	7006	6820	6918	6915	1.35	cps
Cadmium	106-1	9187	8970	9028	9062	1.24	cps
Cadmium	108-1	71	54	92	72	26.01	cps
Calcium	43-1	913218	920942	924031	919397	0.61	cps
Calcium	44-1	15399652	15123506	14945116	15156092	1.51	cps
Carbon	12-1	14435644	15533552	16277415	15415537	6.01	cps
Carbon	12-2	163465	168074	169870	167136	1.98	cps
Chlorine	35-1	6536291	6843087	7227036	6868805	5.04	cps
Chlorine	35-2	48432	50263	50706	49800	2.42	cps
Chromium	52-2	109777	108571	109956	109435	0.69	cps
Cobalt	59-2	6592	6415	6375	6460	1.79	cps
Copper	63-2	61195	59561	59404	60053	1.65	cps
Dysprosium	156-1	5226	4884	4959	5023	3.58	cps
Dysprosium	156-2	2220	2164	2210	2198	1.38	cps
Erbium	164-1	4684	5051	4976	4904	3.95	cps
Erbium	164-2	2114	2167	2234	2171	2.77	cps
Gadolinium	160-1	5134	4851	5118	5034	3.16	cps
Gadolinium	160-2	2774	2937	2777	2829	3.30	cps
Holmium	165-1	14205426	14916241	14614789	14578819	2.45	cps
Holmium	165-2	7130023	7205738	7293847	7209869	1.14	cps
Indium	115-1	13196092	13465329	13153502	13271641	1.27	cps
Indium	115-2	2050344	2022662	1992871	2021959	1.42	cps
Iron	54-2	677269	680319	677753	678447	0.24	cps
Iron	56-2	12683747	12449012	12586013	12572924	0.94	cps
Iron	57-2	311634	306428	306080	308048	1.01	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-09	Instrumnet Name :	P8
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:21:55	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	963	973	983	2.69	cps
Lead	206-1	134880	133554	132594	133676	0.86	cps
Lead	207-1	110395	109318	112143	110619	1.29	cps
Lead	208-1	515714	519899	516905	517506	0.42	cps
Lithium	6-1	4604491	4442148	4469722	4505454	1.93	cps
Magnesium	24-2	827261	811078	791209	809849	2.23	cps
Manganese	55-2	483363	478517	487677	483186	0.95	cps
Molybdenum	94-1	3309	3184	2825	3106	8.08	cps
Molybdenum	95-1	3009	2909	3092	3003	3.06	cps
Molybdenum	96-1	3984	3892	3634	3837	4.73	cps
Molybdenum	97-1	1859	2100	1817	1925	7.95	cps
Molybdenum	98-1	4734	5351	5176	5087	6.25	cps
Neodymium	150-1	8556	8483	8396	8478	0.94	cps
Neodymium	150-2	2967	2644	2830	2814	5.77	cps
Nickel	60-2	2824	2787	2857	2823	1.24	cps
Phosphorus	31-2	1442	1167	1258	1289	10.86	cps
Potassium	39-2	613225	605649	603239	607371	0.86	cps
Rhodium	103-1	13149714	12803429	13119728	13024290	1.47	cps
Rhodium	103-2	6002202	5927903	5979413	5969839	0.64	cps
Scandium	45-1	10346459	10326137	10406219	10359605	0.40	cps
Scandium	45-2	282101	280376	283371	281949	0.53	cps
Selenium	82-1	118	193	159	157	24.07	cps
Selenium	77-2	20	3	27	17	72.13	cps
Selenium	78-2	80	78	92	83	9.09	cps
Silicon	28-1	49101144	49215163	49390173	49235493	0.30	cps
Silver	107-1	1100	1033	875	1003	11.53	cps
Silver	109-1	825	875	842	847	3.00	cps
Sodium	23-2	45997780	45989410	44478928	45488706	1.92	cps
Strontium	86-1	517657	523948	502480	514695	2.14	cps
Strontium	88-1	4580903	4546094	4677770	4601589	1.48	cps
Sulfur	34-1	744446	735786	744494	741575	0.68	cps
Terbium	159-1	15245434	14800735	15021026	15022398	1.48	cps
Terbium	159-2	7072997	7137359	6950732	7053696	1.34	cps
Thallium	203-1	825	958	667	817	17.88	cps
Thallium	205-1	1967	1925	2100	1997	4.58	cps
Tin	118-1	7327	8019	7777	7708	4.56	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	M3766-09	Instrumnet Name :	P8
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:21:55	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	85263	84307	84711	84760	0.57	cps
Uranium	238-1	6285	6277	6519	6360	2.16	cps
Vanadium	51-2	8506	8449	8102	8353	2.62	cps
Ytterbium	172-1	2050	2042	2084	2059	1.07	cps
Ytterbium	172-2	1072	1045	1128	1082	3.92	cps
Ytterbium	176-1	3050	2734	2675	2820	7.16	cps
Ytterbium	176-2	2717	2962	2895	2858	4.42	cps
Yttrium	89-1	32906500	33948288	33827400	33560729	1.70	cps
Yttrium	89-2	3422110	3352278	3386503	3386964	1.03	cps
Zinc	66-2	25797	25360	25583	25580	0.85	cps
Zirconium	90-1	3776	3976	4076	3942	3.88	cps
Zirconium	91-1	767	850	758	792	6.40	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCV58 Instrumnet Name : P8
 Client Sample ID : CCV58 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:33:41 DataFile Name : 073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4442346	4376581	4363306	4394078	0.96	cps
Antimony	121-1	5661200	5546166	5560604	5589324	1.12	cps
Arsenic	75-2	173885	173650	172798	173444	0.33	cps
Barium	135-1	7464329	7335410	7346338	7382026	0.97	cps
Barium	137-1	12919550	12828602	12973238	12907130	0.57	cps
Beryllium	9-1	1554520	1628381	1665853	1616251	3.50	cps
Bismuth	209-1	7541620	7293951	7482322	7439298	1.74	cps
Bismuth	209-2	4357005	4463644	4566931	4462527	2.35	cps
Boron	10-1	170884	180861	184623	178789	3.97	cps
Boron	11-1	813305	835147	855836	834763	2.55	cps
Bromine	81-1	30956	30114	28649	29906	3.90	cps
Cadmium	111-1	1503424	1498470	1492188	1498027	0.38	cps
Cadmium	106-1	171931	171662	170455	171349	0.46	cps
Cadmium	108-1	110759	111064	110298	110707	0.35	cps
Calcium	43-1	11851593	12303804	12295521	12150306	2.13	cps
Calcium	44-1	194338869	195828112	195435579	195200853	0.40	cps
Carbon	12-1	13609128	14904455	16469596	14994393	9.55	cps
Carbon	12-2	171445	171983	178109	173846	2.13	cps
Chlorine	35-1	2446770	2413946	2343949	2401555	2.19	cps
Chlorine	35-2	14266	13423	12864	13518	5.22	cps
Chromium	52-2	1901492	1867605	1913130	1894076	1.25	cps
Cobalt	59-2	3532221	3446672	3437901	3472265	1.50	cps
Copper	63-2	26377734	25850350	25506731	25911605	1.69	cps
Dysprosium	156-1	1583	1708	1525	1606	5.83	cps
Dysprosium	156-2	850	823	770	814	5.00	cps
Erbium	164-1	350	300	392	347	13.22	cps
Erbium	164-2	160	167	167	164	2.34	cps
Gadolinium	160-1	1784	2034	1767	1861	8.03	cps
Gadolinium	160-2	977	1027	993	999	2.55	cps
Holmium	165-1	14578577	14577564	14508053	14554732	0.28	cps
Holmium	165-2	6883962	7217762	7305761	7135829	3.12	cps
Indium	115-1	12977100	12719376	12964534	12887003	1.13	cps
Indium	115-2	1934184	2039129	2007124	1993479	2.70	cps
Iron	54-2	20229674	19801599	19445382	19825552	1.98	cps
Iron	56-2	364587975	361524575	356595119	360902556	1.12	cps
Iron	57-2	9173420	8830731	9064982	9023045	1.94	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:33:41	DataFile Name :	073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	967	1137	1026	9.39	cps
Lead	206-1	18894146	18835684	19029828	18919886	0.53	cps
Lead	207-1	16664544	17200644	17011451	16958880	1.60	cps
Lead	208-1	76670301	77074337	77009647	76918095	0.28	cps
Lithium	6-1	4666764	4761878	4747022	4725222	1.08	cps
Magnesium	24-2	63330391	64106326	64490685	63975801	0.92	cps
Manganese	55-2	9178968	9056481	9083986	9106478	0.71	cps
Molybdenum	94-1	14781480	14658019	14802571	14747356	0.53	cps
Molybdenum	95-1	18346772	17866692	18114554	18109339	1.33	cps
Molybdenum	96-1	19824730	20522184	19887069	20077994	1.92	cps
Molybdenum	97-1	11317695	11608519	10963264	11296493	2.86	cps
Molybdenum	98-1	29779268	29552761	28992615	29441548	1.38	cps
Neodymium	150-1	553	427	460	480	13.68	cps
Neodymium	150-2	47	57	70	58	20.26	cps
Nickel	60-2	931764	922936	920951	925217	0.62	cps
Phosphorus	31-2	48415	47487	46743	47548	1.76	cps
Potassium	39-2	24089048	23842573	24120423	24017348	0.63	cps
Rhodium	103-1	12435714	12584159	12359036	12459636	0.92	cps
Rhodium	103-2	5592251	5809181	5723785	5708406	1.91	cps
Scandium	45-1	10121398	10597161	10767935	10495498	3.19	cps
Scandium	45-2	278620	290749	290952	286774	2.46	cps
Selenium	82-1	125422	126461	126027	125970	0.41	cps
Selenium	77-2	3377	3384	3274	3345	1.84	cps
Selenium	78-2	11663	11642	11815	11707	0.81	cps
Silicon	28-1	10493965	12053120	13263514	11936867	11.63	cps
Silver	107-1	8675521	8747003	8419492	8614005	2.00	cps
Silver	109-1	8029940	8138847	8109258	8092682	0.70	cps
Sodium	23-2	123597799	123300153	121968265	122955406	0.71	cps
Strontium	86-1	2460804	2397719	2515728	2458084	2.40	cps
Strontium	88-1	21873200	20760647	21508430	21380759	2.65	cps
Sulfur	34-1	1068932	1133121	1106474	1102842	2.92	cps
Terbium	159-1	15184400	15119757	15112667	15138941	0.26	cps
Terbium	159-2	6837627	7235847	7157524	7077000	2.98	cps
Thallium	203-1	4544604	4633884	4713963	4630817	1.83	cps
Thallium	205-1	11199122	10981820	11163122	11114688	1.05	cps
Tin	118-1	5007966	5056031	5022543	5028847	0.49	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P8
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:33:41	DataFile Name :	073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5535652	5697073	5702229	5644985	1.68	cps
Uranium	238-1	14583668	14029825	14278817	14297437	1.94	cps
Vanadium	51-2	1461930	1480637	1467197	1469921	0.66	cps
Ytterbium	172-1	92	125	117	111	15.61	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	2342	2225	1817	2128	12.96	cps
Ytterbium	176-2	2295	2322	2456	2358	3.65	cps
Yttrium	89-1	33015295	32596425	33373971	32995230	1.18	cps
Yttrium	89-2	3356240	3497235	3419679	3424385	2.06	cps
Zinc	66-2	2935891	2920522	2872157	2909523	1.14	cps
Zirconium	90-1	12421312	12486721	12463377	12457137	0.27	cps
Zirconium	91-1	2759593	2752368	2760484	2757482	0.16	cps

LB Number : LB116643 Operator : Jaswal
 Lab Sample ID : CCB58 Instrumnet Name : P8
 Client Sample ID : CCB58 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-04 19:39:51 DataFile Name : 074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169	177	489	278	65.50	cps
Antimony	121-1	683	575	850	703	19.71	cps
Arsenic	75-2	9	13	15	12	24.77	cps
Barium	135-1	142	142	67	117	37.11	cps
Barium	137-1	225	125	308	219	41.83	cps
Beryllium	9-1	90	132	100	107	20.44	cps
Bismuth	209-1	8147855	8053474	8166090	8122473	0.74	cps
Bismuth	209-2	4804000	4820696	4836366	4820354	0.34	cps
Boron	10-1	7709	7390	7118	7406	3.99	cps
Boron	11-1	35838	34157	32990	34329	4.17	cps
Bromine	81-1	28037	27134	29421	28197	4.09	cps
Cadmium	111-1	6601	6176	6004	6260	4.91	cps
Cadmium	106-1	9237	8636	8470	8781	4.59	cps
Cadmium	108-1	33	33	83	50	57.75	cps
Calcium	43-1	606	574	546	575	5.22	cps
Calcium	44-1	49851	50295	49969	50038	0.46	cps
Carbon	12-1	6071857	6063234	5979598	6038230	0.84	cps
Carbon	12-2	57688	57379	57171	57413	0.45	cps
Chlorine	35-1	2563368	2328557	2183830	2358585	8.12	cps
Chlorine	35-2	13382	13240	11989	12870	5.96	cps
Chromium	52-2	1043	1067	1140	1083	4.66	cps
Cobalt	59-2	83	100	140	108	27.03	cps
Copper	63-2	1367	1487	2174	1676	25.99	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	125	100	108	13.32	cps
Erbium	164-2	37	30	73	47	49.99	cps
Gadolinium	160-1	133	108	75	106	27.73	cps
Gadolinium	160-2	47	73	63	61	22.04	cps
Holmium	165-1	14503097	14556800	14434472	14498123	0.42	cps
Holmium	165-2	7058519	7128397	7176054	7120990	0.83	cps
Indium	115-1	13463476	13651254	13535029	13549919	0.70	cps
Indium	115-2	1983300	2021454	2023310	2009355	1.12	cps
Iron	54-2	911	856	1545	1104	34.69	cps
Iron	56-2	8530	8341	16453	11108	41.68	cps
Iron	57-2	267	183	428	293	42.48	cps

LB Number :	LB116643	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P8
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired ::	2021-10-04 19:39:51	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1050	883	957	8.90	cps
Lead	206-1	2272	2211	2228	2237	1.41	cps
Lead	207-1	1972	2011	1861	1948	4.00	cps
Lead	208-1	8918	9179	8974	9024	1.52	cps
Lithium	6-1	4521645	4644511	4631314	4599157	1.47	cps
Magnesium	24-2	925	942	2728	1532	67.65	cps
Manganese	55-2	383	340	680	468	39.57	cps
Molybdenum	94-1	1150	992	950	1031	10.24	cps
Molybdenum	95-1	842	1050	700	864	20.38	cps
Molybdenum	96-1	1067	967	892	975	9.01	cps
Molybdenum	97-1	683	375	325	461	42.09	cps
Molybdenum	98-1	1400	1258	1200	1286	8.00	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	123	160	131	19.75	cps
Phosphorus	31-2	75	75	58	69	13.85	cps
Potassium	39-2	21809	22309	24286	22801	5.75	cps
Rhodium	103-1	13528623	13441041	13291672	13420445	0.89	cps
Rhodium	103-2	5901963	5977208	6059699	5979623	1.32	cps
Scandium	45-1	10474947	10407454	10404521	10428974	0.38	cps
Scandium	45-2	279221	278197	280460	279292	0.41	cps
Selenium	82-1	51	43	150	81	73.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	75	72	73	73	2.08	cps
Silicon	28-1	550463	531990	534086	538846	1.88	cps
Silver	107-1	1317	1275	1750	1447	18.18	cps
Silver	109-1	1008	1183	1667	1286	26.51	cps
Sodium	23-2	42103	41485	43043	42210	1.86	cps
Strontium	86-1	1642	1859	1925	1809	8.19	cps
Strontium	88-1	1400	1425	1250	1358	6.97	cps
Sulfur	34-1	439834	439776	442342	440651	0.33	cps
Terbium	159-1	15250184	15159975	14834207	15081456	1.45	cps
Terbium	159-2	6854799	6856295	6921571	6877555	0.55	cps
Thallium	203-1	1175	1375	1183	1245	9.09	cps
Thallium	205-1	3276	3109	3367	3251	4.03	cps
Tin	118-1	2100	1900	1859	1953	6.62	cps

LB Number :	LB116643	Operator :	Jaswal
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	367	383	381	3.34	cps
Uranium	238-1	192	183	317	231	32.40	cps
Vanadium	51-2	10	33	107	50	100.89	cps
Ytterbium	172-1	50	33	50	44	21.66	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	1700	1884	1842	1809	5.32	cps
Ytterbium	176-2	2061	2200	2328	2197	6.07	cps
Yttrium	89-1	33321212	33735001	33683523	33579912	0.67	cps
Yttrium	89-2	3293983	3321882	3365013	3326959	1.08	cps
Zinc	66-2	433	473	507	471	7.79	cps
Zirconium	90-1	1825	1600	1758	1728	6.69	cps
Zirconium	91-1	317	383	400	367	12.03	cps