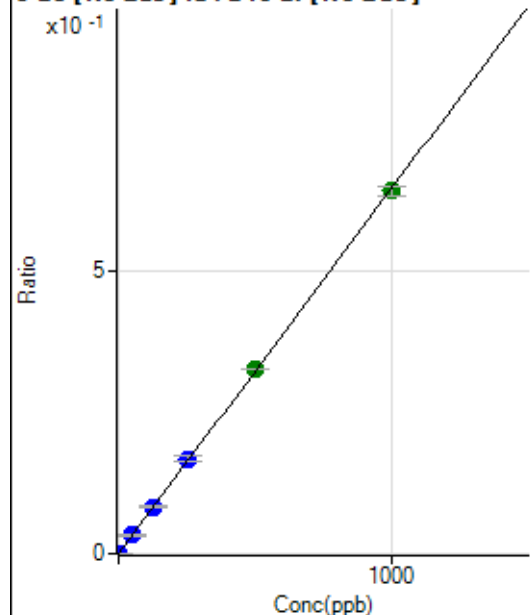


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8100521IMS.b\
Analysis File: P8100521IMS.batch.bin
DA Date-Time: 2021-10-05 14:36:50
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-10-05 11:21:17
2	004CALS.d	S02	2021-10-05 11:27:26
3	006CALS.d	S03	2021-10-05 11:33:34
4	007CALS.d	S04	2021-10-05 11:36:38
5	008CALS.d	S05	2021-10-05 11:39:44
6	009CALS.d	S06	2021-10-05 11:42:47
7	010CALS.d	S07	2021-10-05 11:45:54
8	011CALS.d	S08	2021-10-05 11:48:57

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.99	0.0000	P	88.5
2	☐	1.000	0.964	2953.05	0.0006	P	2.6
3	☐	50.000	50.591	147443.16	0.0328	P	4.0
4	☐	125.000	127.296	365529.31	0.0824	P	2.8
5	☐	250.000	260.450	733243.49	0.1686	P	4.7
6	☐	500.000	506.827	1484895.88	0.3280	A	0.4
7	☐	1000.000	993.658	2845029.78	0.6431	A	2.3
8	☐			405.93	0.0001	P	7.0

$$y = 6.4721\text{E-}004 * x + 1.3647\text{E-}005$$

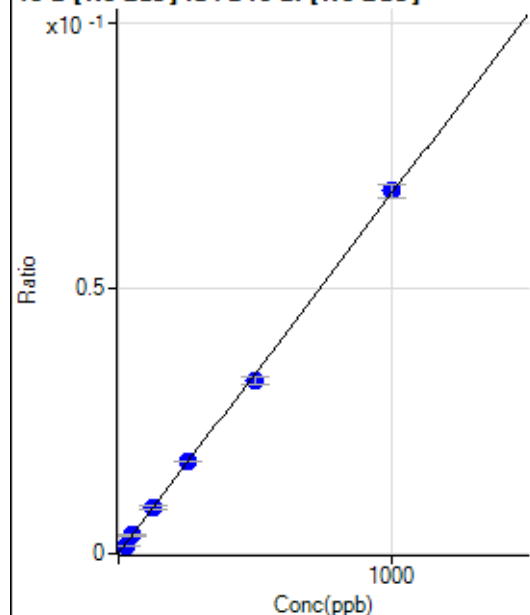
$$R = 0.9999$$

$$DL = 0.05596$$

$$BEC = 0.02109$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	296.61	0.0001	P	13.9
2	☐	25.000	21.790	7153.02	0.0015	P	6.2
3	☐	50.000	50.762	15776.04	0.0035	P	8.2
4	☐	125.000	127.885	38734.60	0.0087	P	6.2
5	☐	250.000	255.424	75696.20	0.0174	P	1.3
6	☐	500.000	479.858	147479.78	0.0326	P	4.1
7	☐	1000.000	1008.397	302668.31	0.0684	P	3.6
8	☐			25814.96	0.0064	P	8.5

$$y = 6.7773\text{E-}005 * x + 6.8013\text{E-}005$$

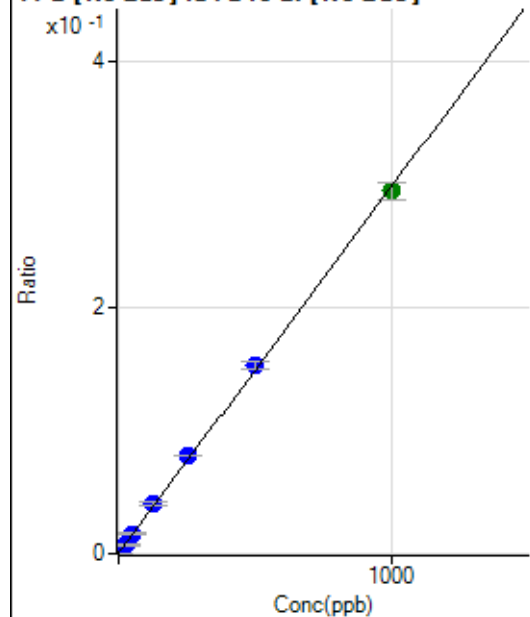
$$R = 0.9997$$

$$DL = 0.4186$$

$$BEC = 1.004$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1369.13	0.0003	P	6.1
2	☐	25.000	22.737	32826.81	0.0071	P	5.8
3	☐	50.000	53.951	73711.51	0.0164	P	7.4
4	☐	125.000	135.004	179788.07	0.0405	P	5.2
5	☐	250.000	267.100	347916.69	0.0799	P	0.4
6	☐	500.000	512.438	692382.36	0.1530	P	4.5
7	☐	1000.000	988.115	1303956.69	0.2947	A	4.6
8	☐			120740.48	0.0299	P	10.1

$$y = 2.9798\text{E-}004 * x + 3.1315\text{E-}004$$

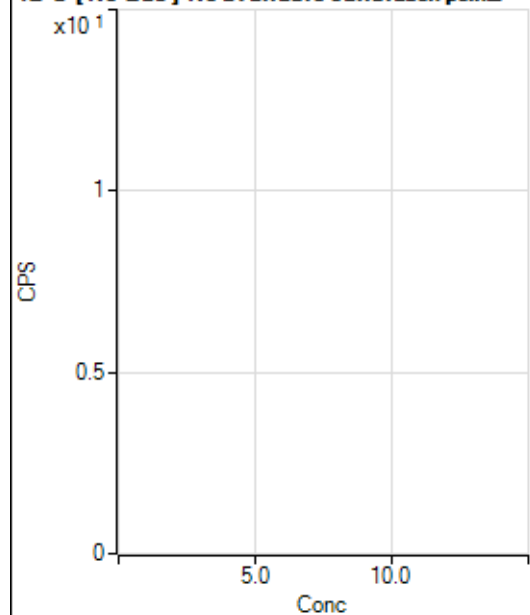
$$R = 0.9997$$

$$DL = 0.1925$$

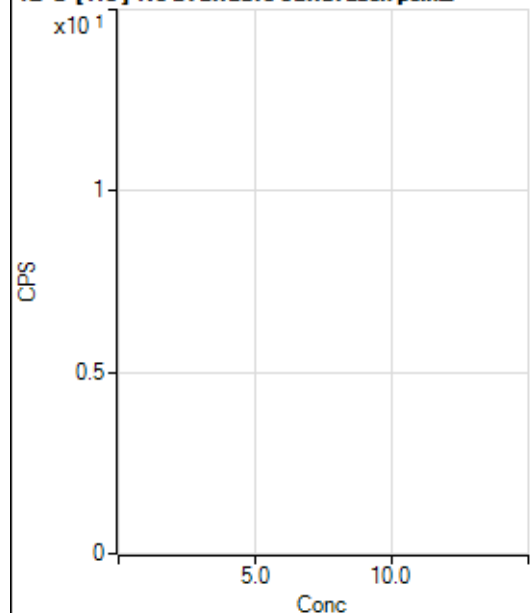
$$BEC = 1.051$$

Weight: <None>

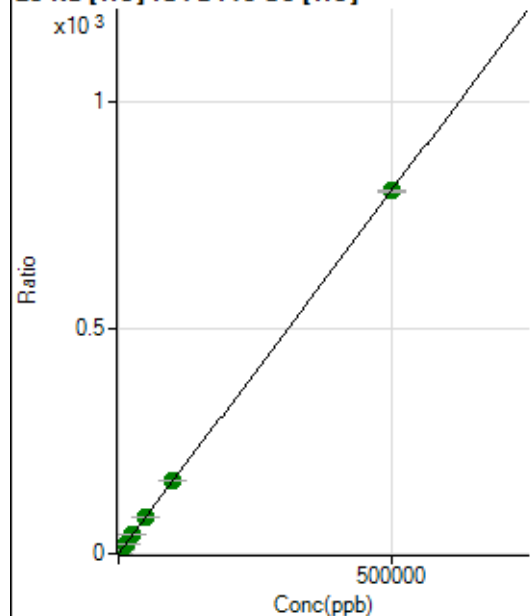
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5476294.66		A	0.4
2	☐			6021548.88		A	1.2
3	☐			7899127.43		A	2.4
4	☐			6539781.09		A	1.1
5	☐			6529258.05		A	1.7
6	☐			7568249.39		A	0.2
7	☐			7022162.74		A	2.5
8	☐			6389435.17		A	0.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55728.60		P	2.3
2	☐			59644.14		P	2.3
3	☐			77309.37		P	0.6
4	☐			65546.76		P	1.2
5	☐			65505.14		P	1.5
6	☐			76644.94		P	2.1
7	☐			74187.68		P	0.7
8	☐			76318.01		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34087.70	0.1286	P	2.5
2	☐	500.000	516.084	254110.48	0.9582	P	0.4
3	☐	5000.000	5400.654	2336625.03	8.8103	A	1.3
4	☐	12500.000	12721.585	5454905.33	20.5788	A	1.6
5	☐	25000.000	25871.694	11112260.92	41.7179	A	0.8
6	☐	50000.000	50262.020	21858049.45	80.9259	A	1.2
7	☐	100000.00	100708.12	44981147.18	162.0192	A	1.8
8	☐	500000.00	499779.02	222302704.9	803.5346	A	0.8

$$y = 0.0016 * x + 0.1286$$

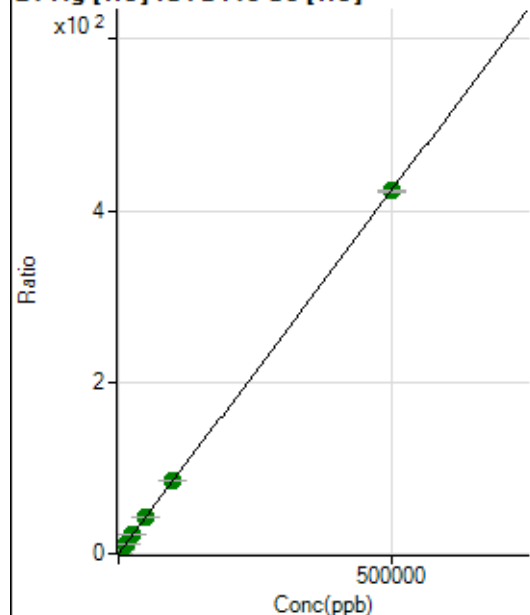
$$R = 1.0000$$

$$DL = 6.031$$

$$BEC = 80$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.58	0.0021	P	8.9
2	☐	500.000	506.588	114276.79	0.4309	P	0.7
3	☐	5000.000	5459.491	1226260.25	4.6236	A	1.4
4	☐	12500.000	13123.104	2945018.47	11.1109	A	2.0
5	☐	25000.000	25988.775	5860825.78	22.0019	A	0.1
6	☐	50000.000	50560.879	11561450.69	42.8024	A	0.6
7	☐	100000.00	101062.98	23751973.97	85.5530	A	1.6
8	☐	500000.00	499661.69	117020759.5	422.9711	A	0.5

$$y = 8.4651\text{E-}004 * x + 0.0021$$

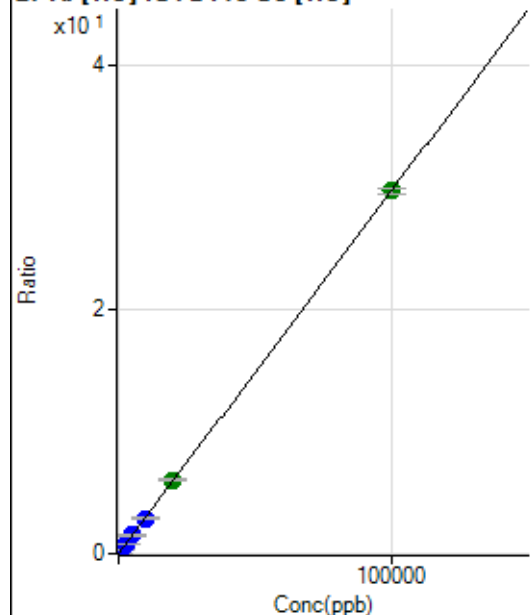
$$R = 1.0000$$

$$DL = 0.6593$$

$$BEC = 2.476$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.23	0.0006	P	4.5
2	☐	20.000	20.672	1773.64	0.0067	P	3.0
3	☐	1000.000	1024.867	80828.29	0.3048	P	1.6
4	☐	2500.000	2511.262	197713.93	0.7460	P	2.4
5	☐	5000.000	5036.239	398326.76	1.4955	P	1.3
6	☐	10000.000	9776.217	783988.45	2.9024	P	0.8
7	☐	20000.000	20173.417	1662442.35	5.9887	A	2.5
8	☐	100000.00	99985.353	8210847.93	29.6793	A	1.5

$$y = 2.9683\text{E-}004 * x + 5.5163\text{E-}004$$

$$R = 1.0000$$

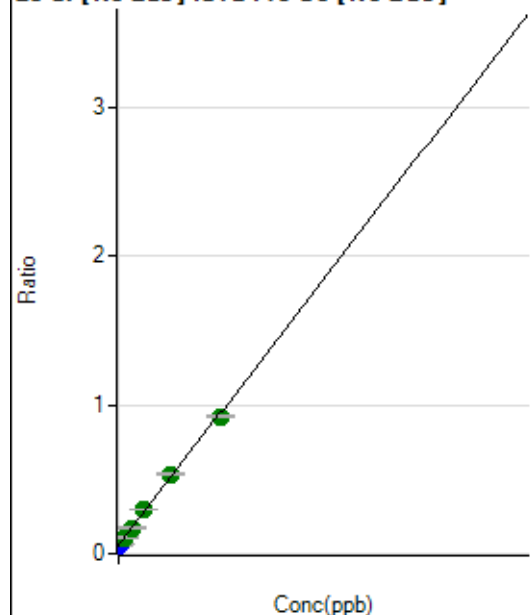
$$DL = 0.2533$$

$$BEC = 1.858$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494885.46	0.0574	P	1.8
2	☐	10.000	10.169	589996.53	0.0665	P	2.3
3	☐	50.000	58.149	933474.76	0.1091	A	4.7
4	☐	125.000	131.057	1529170.54	0.1739	A	2.5
5	☐	250.000	271.110	2529305.74	0.2983	A	2.7
6	☐	500.000	538.449	4820418.60	0.5358	A	3.3
7	☐	1000.000	974.332	8494536.91	0.9231	A	1.7
8	☐			956345.08	0.1067	M	7.0

$$y = 8.8845\text{E-}004 * x + 0.0574$$

$$R = 0.9986$$

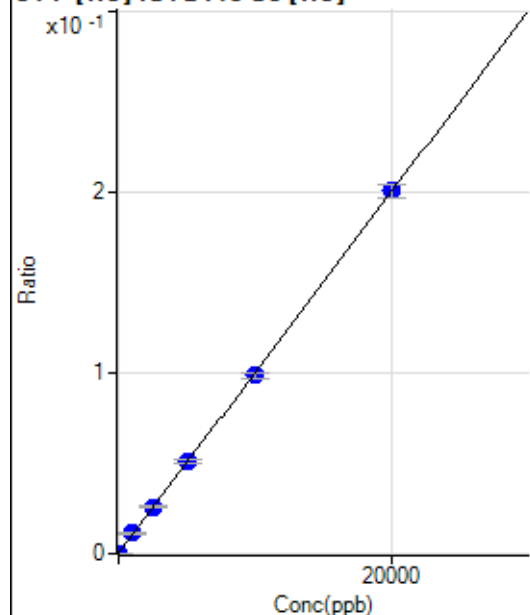
$$DL = 3.498$$

$$BEC = 64.64$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	6.819	108.34	0.0004	P	20.4
2	☐	0.000	-6.819	72.22	0.0003	P	40.5
3	☐	1000.000	1087.552	2975.37	0.0112	P	3.4
4	☐	2500.000	2547.822	6843.43	0.0258	P	2.9
5	☐	5000.000	5118.844	13723.53	0.0515	P	4.3
6	☐	10000.000	9833.332	26650.10	0.0987	P	2.9
7	☐	20000.000	20043.268	55727.45	0.2008	P	3.7
8	☐			163.89	0.0006	P	15.8

$$y = 1.0001\text{E-}005 * x + 3.4053\text{E-}004$$

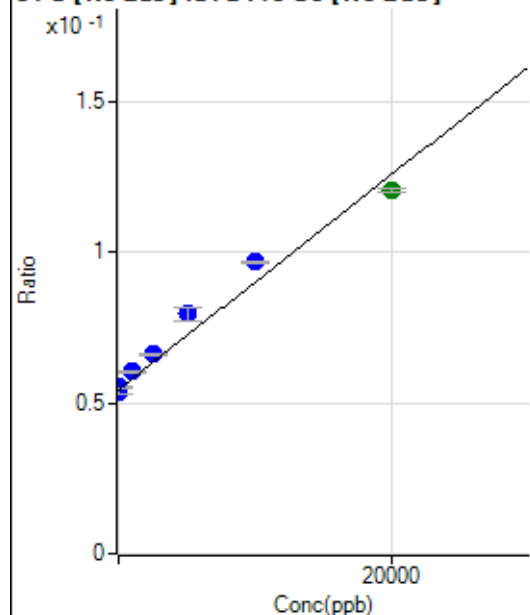
$$R = 0.9999$$

$$DL = 29.02$$

$$BEC = 34.05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	211.245	477152.93	0.0554	P	1.9
2	☐	0.000	-211.245	478092.87	0.0539	P	3.0
3	☐	1000.000	1620.497	517079.00	0.0604	P	1.5
4	☐	2500.000	3266.653	583047.84	0.0663	P	1.4
5	☐	5000.000	7010.975	674869.84	0.0797	P	5.4
6	☐	10000.000	11817.687	870978.03	0.0968	P	1.1
7	☐	20000.000	18461.556	1109319.76	0.1205	A	1.1
8	☐			396676.49	0.0443	P	1.0

$$y = 3.5713E-006 * x + 0.0546$$

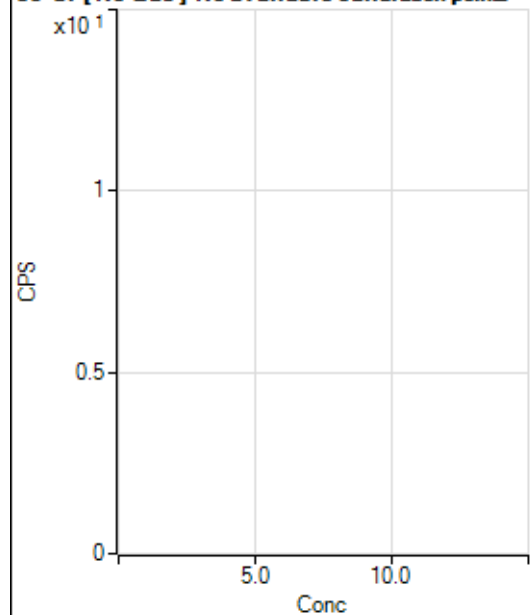
$$R = 0.9868$$

$$DL = 1110$$

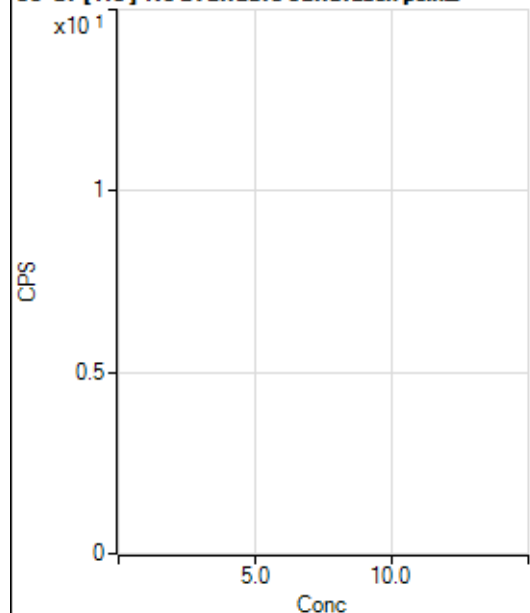
$$BEC = 1.529E+04$$

Weight: <None>

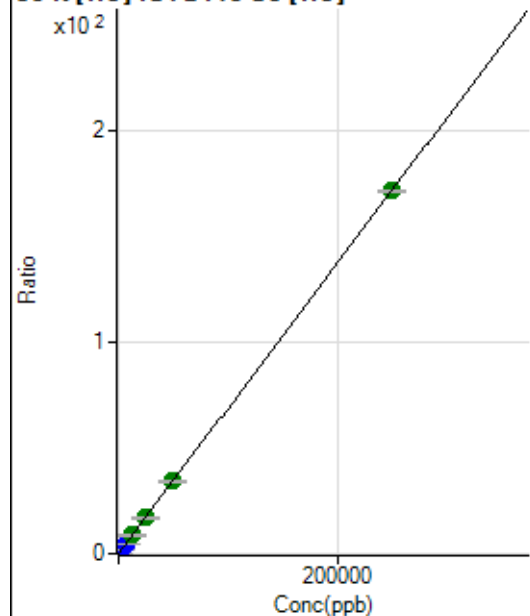
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2267748.62		A	4.0
2	☐			1725509.79		A	5.6
3	☐			1572791.55		A	3.8
4	☐			1524363.14		A	4.1
5	☐			1595660.73		A	3.7
6	☐			1627810.38		A	0.9
7	☐			1593655.40		A	3.7
8	☐			2762035.96		A	2.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14515.90		P	4.8
2	☐			10645.82		P	1.6
3	☐			10298.39		P	2.9
4	☐			10262.23		P	0.9
5	☐			10473.50		P	2.5
6	☐			10501.26		P	4.0
7	☐			10189.92		P	3.2
8	☐			22172.99		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20217.56	0.0763	P	3.1
2	☐	500.000	464.152	104519.06	0.3941	P	1.5
3	☐	2500.000	2536.642	480998.69	1.8135	P	1.1
4	☐	6250.000	6286.378	1161327.71	4.3814	P	2.2
5	☐	12500.000	12559.502	2311280.45	8.6775	A	1.5
6	☐	25000.000	24489.178	4550600.62	16.8474	A	1.9
7	☐	50000.000	49791.086	9486526.60	34.1751	A	2.9
8	☐	250000.00	250088.68	47405383.35	171.3467	A	0.6

$$y = 6.8484\text{E-}004 * x + 0.0763$$

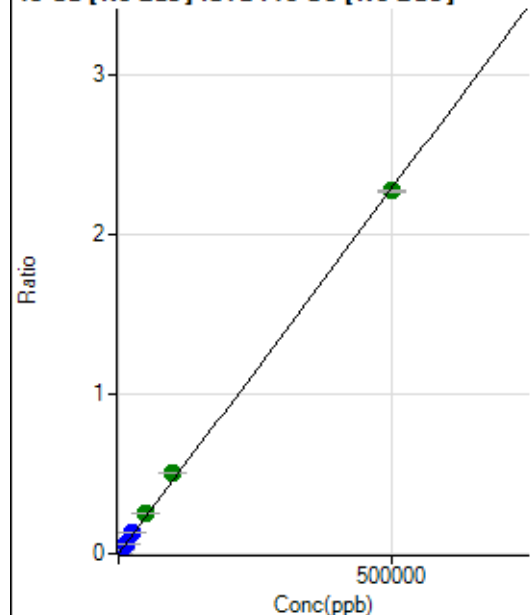
$$R = 1.0000$$

$$DL = 10.36$$

$$BEC = 111.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	404.13	0.0000	P	4.9
2	☐	500.000	472.305	19591.67	0.0022	P	2.9
3	☐	5000.000	5641.069	221226.00	0.0258	P	3.0
4	☐	12500.000	13637.999	549097.89	0.0624	P	1.8
5	☐	25000.000	28474.992	1103941.35	0.1303	P	5.2
6	☐	50000.000	55894.842	2300326.42	0.2557	A	2.3
7	☐	100000.00	110793.38	4664275.36	0.5068	A	1.8
8	☐	500000.00	497043.25	20370965.75	2.2735	A	0.7

$$y = 4.5739\text{E-}006 * x + 4.6901\text{E-}005$$

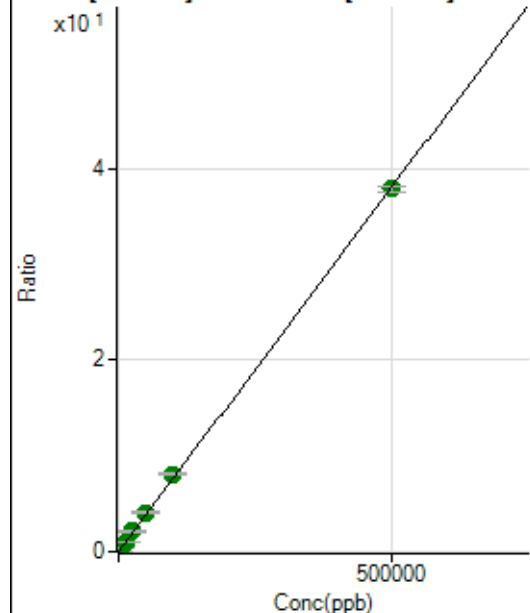
$$R = 0.9997$$

$$DL = 1.509$$

$$BEC = 10.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37592.37	0.0044	P	2.0
2	☐	500.000	465.626	353166.43	0.0398	P	2.0
3	☐	5000.000	5497.295	3616838.63	0.4225	A	2.5
4	☐	12500.000	13442.077	9032048.72	1.0269	A	2.4
5	☐	25000.000	27898.211	18023431.27	2.1266	A	4.3
6	☐	50000.000	53820.743	36869096.42	4.0985	A	1.9
7	☐	100000.00	106553.20	74633990.04	8.1099	A	0.6
8	☐	500000.00	498133.88	339572400.6	37.8977	A	1.7

$$y = 7.6070\text{E-}005 * x + 0.0044$$

$$R = 0.9999$$

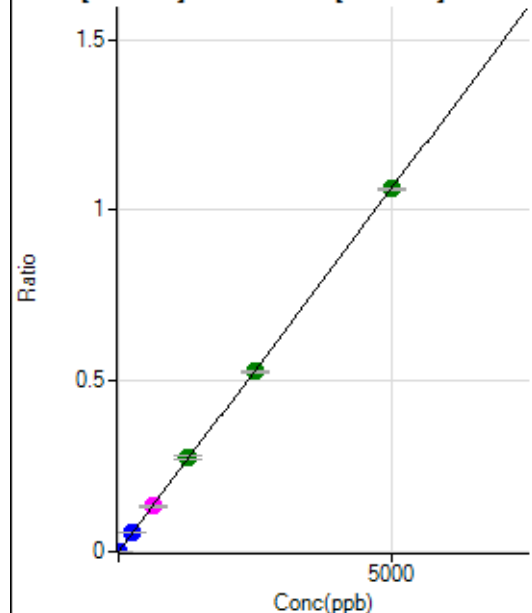
$$DL = 3.425$$

$$BEC = 57.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.01	0.0000	P	3.6
2	☐	5.000	4.702	9158.70	0.0010	P	3.6
3	☐	250.000	257.897	469599.49	0.0549	P	2.6
4	☐	625.000	627.330	1173623.02	0.1334	M	1.8
5	☐	1250.000	1296.000	2336000.83	0.2756	A	4.0
6	☐	2500.000	2485.463	4754162.52	0.5285	A	1.3
7	☐	5000.000	4995.083	9773748.22	1.0621	A	0.9
8	☐			1833.50	0.0002	P	5.4

$$y = 2.1262\text{E-}004 * x + 3.1914\text{E-}005$$

$$R = 0.9999$$

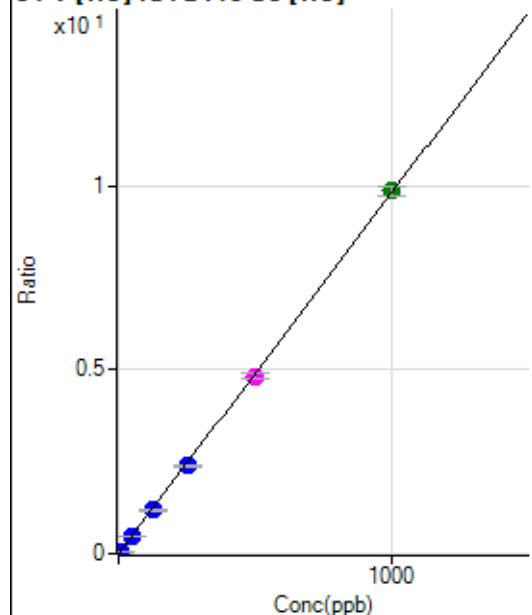
$$DL = 0.01613$$

$$BEC = 0.1501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	31.0
2	☐	5.000	4.805	12524.43	0.0472	P	1.1
3	☐	50.000	49.204	128057.95	0.4829	P	1.5
4	☐	125.000	120.597	313612.27	1.1833	P	2.8
5	☐	250.000	243.436	636224.21	2.3886	P	1.1
6	☐	500.000	491.709	1303279.03	4.8245	M	3.4
7	☐	1000.000	1006.378	2741301.28	9.8741	A	2.3
8	☐			823.37	0.0030	P	1.3

$$y = 0.0098 * x + 8.3800\text{E-}005$$

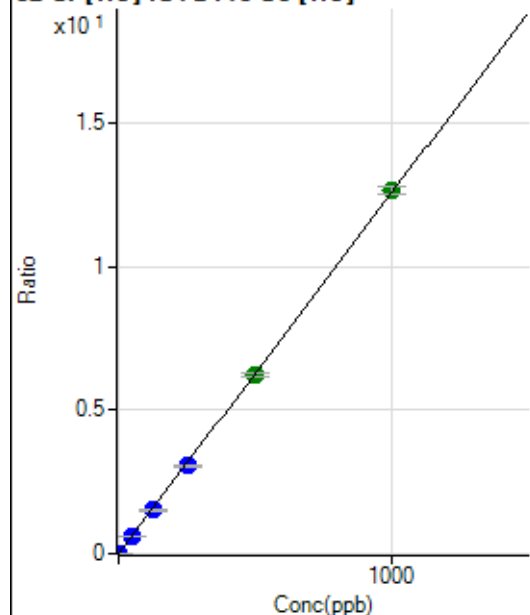
$$R = 0.9999$$

$$DL = 0.007934$$

$$BEC = 0.008541$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1088.94	0.0041	P	4.9
2	☐	2.000	1.877	7347.50	0.0277	P	2.1
3	☐	50.000	49.113	164852.03	0.6215	P	1.7
4	☐	125.000	120.804	403560.50	1.5227	P	3.0
5	☐	250.000	242.695	813713.12	3.0551	P	1.8
6	☐	500.000	493.567	1676891.59	6.2088	A	2.1
7	☐	1000.000	1005.612	3510651.30	12.6458	A	2.1
8	☐			12897.01	0.0466	P	0.7

$$y = 0.0126 * x + 0.0041$$

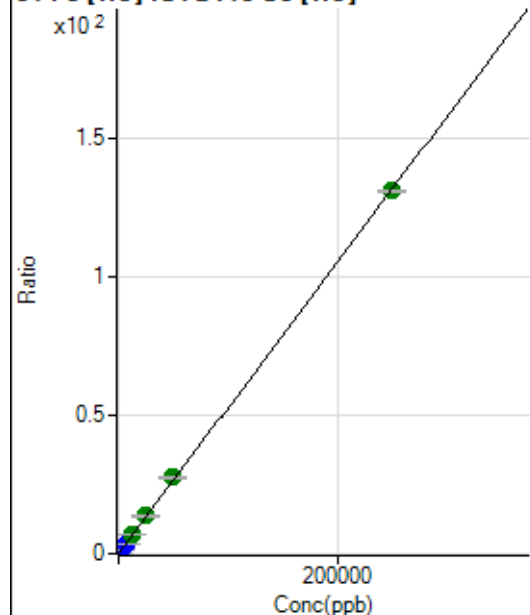
$$R = 0.9999$$

$$DL = 0.04793$$

$$BEC = 0.3268$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	694.48	0.0026	P	5.1
2	☐	50.000	51.910	7915.29	0.0298	P	1.7
3	☐	2500.000	2621.026	365261.06	1.3773	P	2.3
4	☐	6250.000	6473.223	900424.84	3.3978	P	3.4
5	☐	12500.000	13416.487	1875081.35	7.0395	A	1.4
6	☐	25000.000	25859.541	3663988.94	13.5659	A	1.8
7	☐	50000.000	52467.625	7640665.39	27.5217	A	1.9
8	☐	250000.00	249367.90	36185641.55	130.7951	A	0.5

$$y = 5.2450E-004 * x + 0.0026$$

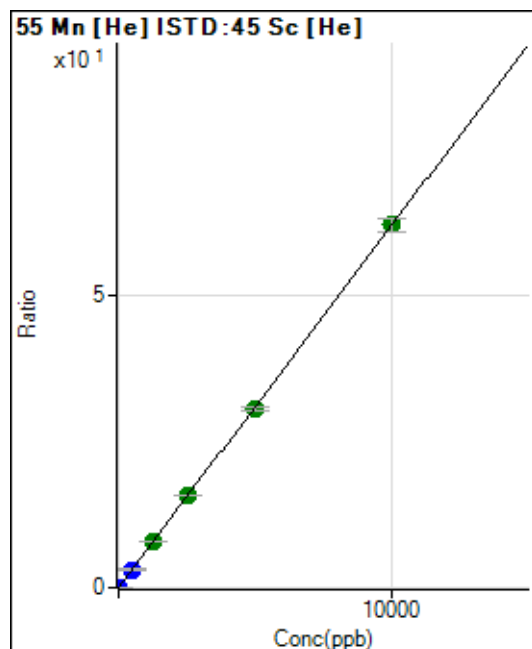
$$R = 0.9999$$

$$DL = 0.7613$$

$$BEC = 4.996$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0008	P	7.8
2	☐	1.000	1.025	1896.81	0.0072	P	4.1
3	☐	500.000	502.943	824970.98	3.1105	P	1.2
4	☐	1250.000	1272.469	2085098.20	7.8685	A	3.8
5	☐	2500.000	2537.156	4178882.33	15.6880	A	0.2
6	☐	5000.000	4938.698	8247805.23	30.5366	A	1.4
7	☐	10000.000	10018.406	17193436.69	61.9443	A	3.7
8	☐			19888.41	0.0719	P	0.7

$$y = 0.0062 * x + 8.1321E-004$$

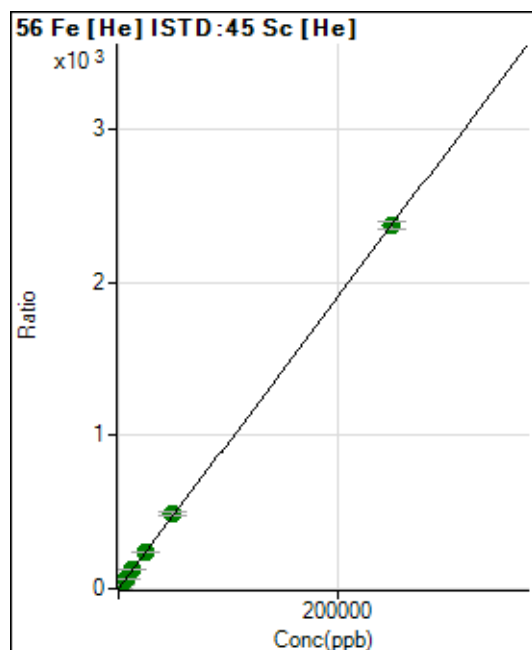
$$R = 1.0000$$

$$DL = 0.03061$$

$$BEC = 0.1315$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5703.08	0.0215	P	4.9
2	☐	50.000	50.689	133345.05	0.5028	P	1.5
3	☐	2500.000	2660.240	6704997.08	25.2815	A	1.7
4	☐	6250.000	6501.771	16364441.57	61.7583	A	4.3
5	☐	12500.000	13022.096	32940116.94	123.6713	A	1.5
6	☐	25000.000	25606.065	65679606.56	243.1609	A	0.8
7	☐	50000.000	51688.271	136241073.4	490.8214	A	3.2
8	☐	250000.00	249567.73	655596503.5	2.369762	A	2.1

$$y = 0.0095 * x + 0.0215$$

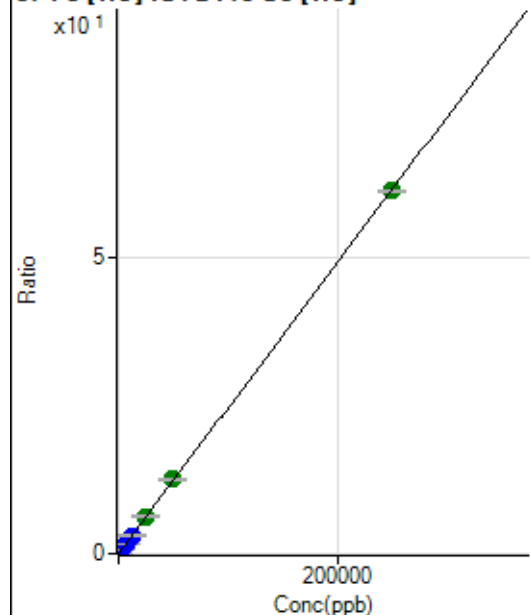
$$R = 1.0000$$

$$DL = 0.3363$$

$$BEC = 2.266$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.41	0.0008	P	21.5
2	☐	50.000	45.814	3180.04	0.0120	P	3.7
3	☐	2500.000	2532.725	164530.98	0.6204	P	2.4
4	☐	6250.000	6184.998	401196.00	1.5140	P	3.5
5	☐	12500.000	12491.508	814203.59	3.0569	P	1.7
6	☐	25000.000	25726.886	1700321.96	6.2949	A	1.4
7	☐	50000.000	51536.041	3500447.73	12.6092	A	2.6
8	☐	250000.00	249621.82	16896131.40	61.0716	A	0.2

$$y = 2.4465\text{E-}004 * x + 7.8230\text{E-}004$$

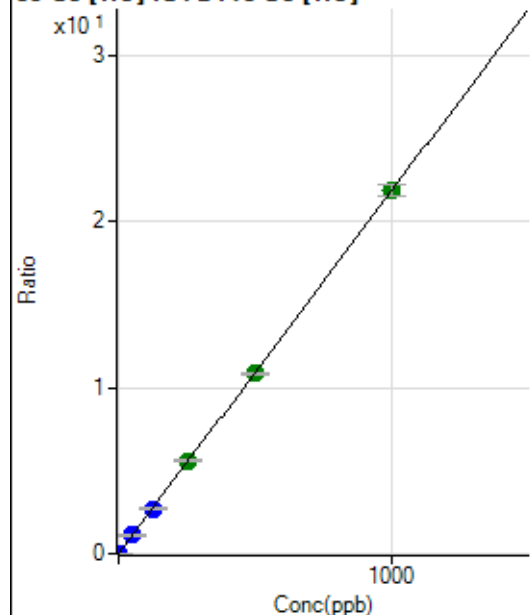
$$R = 1.0000$$

$$DL = 2.063$$

$$BEC = 3.198$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0003	P	22.5
2	☐	1.000	0.943	5553.36	0.0209	P	3.0
3	☐	50.000	50.352	291804.82	1.1003	P	2.5
4	☐	125.000	124.373	720145.38	2.7172	P	2.8
5	☐	250.000	256.710	1493824.86	5.6081	A	1.4
6	☐	500.000	496.673	2930616.52	10.8501	A	1.3
7	☐	1000.000	1000.047	6064006.99	21.8462	A	3.2
8	☐			14103.75	0.0510	P	0.6

$$y = 0.0218 * x + 3.3950\text{E-}004$$

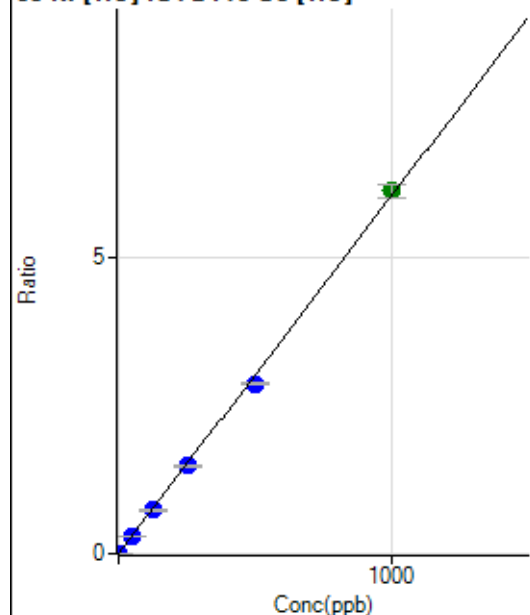
$$R = 1.0000$$

$$DL = 0.01047$$

$$BEC = 0.01554$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0004	P	23.3
2	☐	1.000	1.035	1753.46	0.0066	P	1.5
3	☐	50.000	49.981	79947.39	0.3014	P	0.9
4	☐	125.000	121.258	193663.78	0.7308	P	3.1
5	☐	250.000	245.225	393525.42	1.4775	P	1.8
6	☐	500.000	475.144	773150.88	2.8624	P	0.8
7	☐	1000.000	1014.090	1695472.46	6.1087	A	4.0
8	☐			6413.72	0.0232	P	2.2

$$y = 0.0060 * x + 3.7724E-004$$

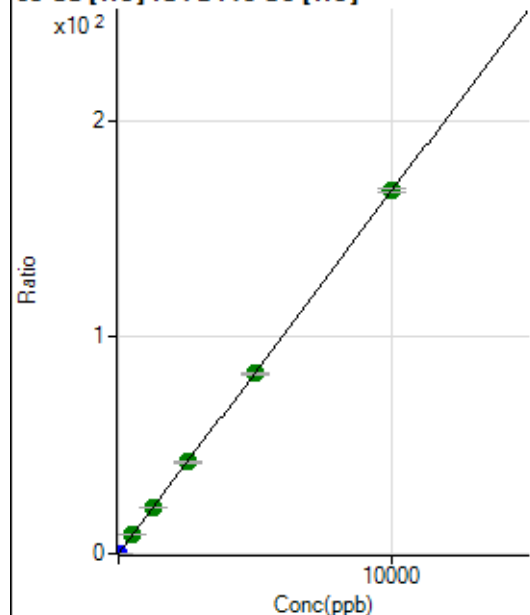
$$R = 0.9995$$

$$DL = 0.04378$$

$$BEC = 0.06263$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1193.40	0.0045	P	9.9
2	☐	2.000	1.772	9066.30	0.0342	P	0.8
3	☐	500.000	531.932	2364011.49	8.9136	A	1.5
4	☐	1250.000	1271.847	5646649.57	21.3061	A	3.0
5	☐	2500.000	2540.298	11333355.80	42.5508	A	1.9
6	☐	5000.000	4959.310	22436681.89	83.0658	A	1.1
7	☐	10000.000	10005.943	46530291.53	167.5897	A	1.2
8	☐			15068.11	0.0545	P	4.1

$$y = 0.0167 * x + 0.0045$$

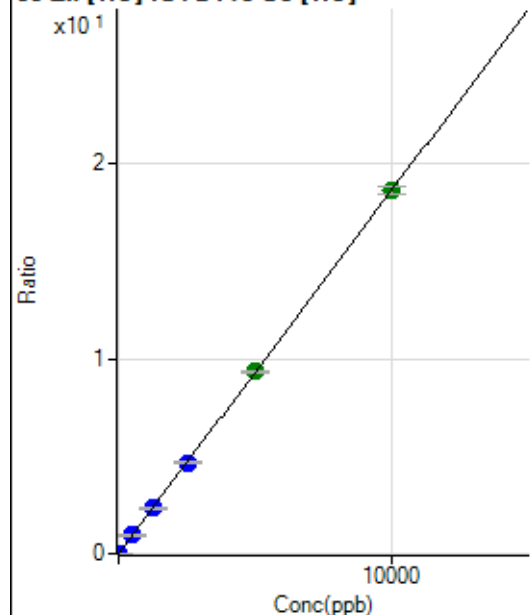
$$R = 1.0000$$

$$DL = 0.07989$$

$$BEC = 0.2688$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	428.93	0.0016	P	9.8
2	☐	2.000	1.986	1409.01	0.0053	P	5.2
3	☐	500.000	508.286	251203.86	0.9472	P	2.8
4	☐	1250.000	1255.138	619275.46	2.3367	P	2.9
5	☐	2500.000	2492.537	1235501.11	4.6388	P	2.2
6	☐	5000.000	5014.900	2520339.15	9.3315	A	1.7
7	☐	10000.000	9993.359	5161670.59	18.5935	A	2.2
8	☐			19375.43	0.0700	P	1.3

$$y = 0.0019 * x + 0.0016$$

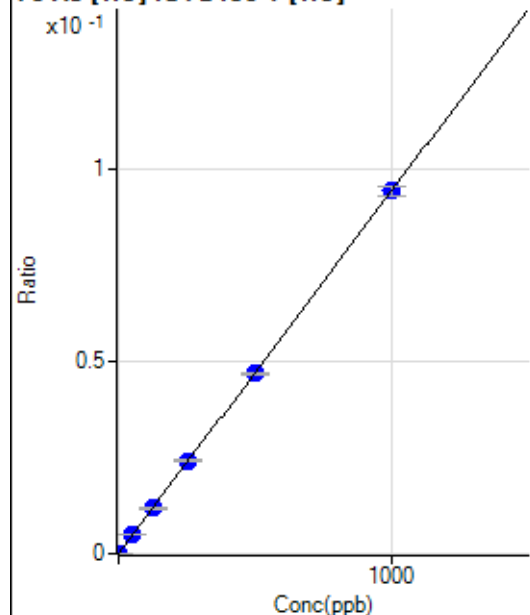
$$R = 1.0000$$

$$DL = 0.2555$$

$$BEC = 0.8699$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.67	0.0000	P	42.3
2	☐	1.000	0.967	287.36	0.0001	P	0.8
3	☐	50.000	51.276	15088.55	0.0048	P	1.5
4	☐	125.000	126.311	37017.92	0.0119	P	3.3
5	☐	250.000	256.070	75023.27	0.0242	P	1.6
6	☐	500.000	495.855	150026.43	0.0468	P	1.2
7	☐	1000.000	1000.327	312192.67	0.0944	P	2.6
8	☐			122.34	0.0000	P	11.3

$$y = 9.4398E-005 * x + 2.5184E-006$$

$$R = 1.0000$$

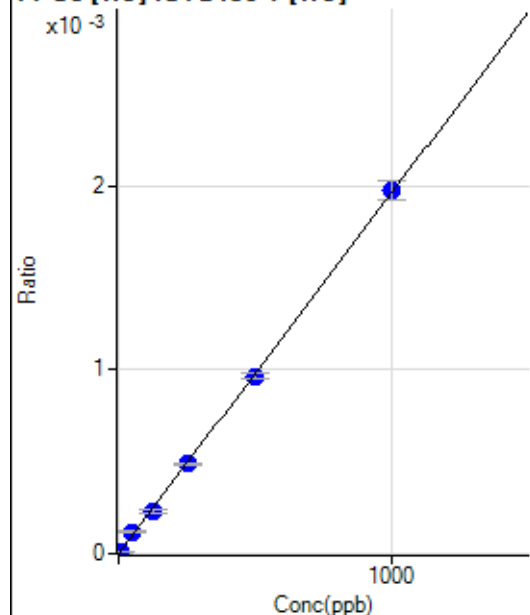
$$DL = 0.03383$$

$$BEC = 0.02668$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	3.892	25.56	0.0000	P	49.6
3	☐	50.000	59.805	367.79	0.0001	P	4.7
4	☐	125.000	116.502	711.14	0.0002	P	10.3
5	☐	250.000	247.495	1510.10	0.0005	P	2.9
6	☐	500.000	492.017	3098.15	0.0010	P	3.0
7	☐	1000.000	1005.195	6521.57	0.0020	P	5.4
8	☐			3.33	0.0000	P	99.8

$$y = 1.9626\text{E-}006 * x + 7.1070\text{E-}007$$

$$R = 0.9998$$

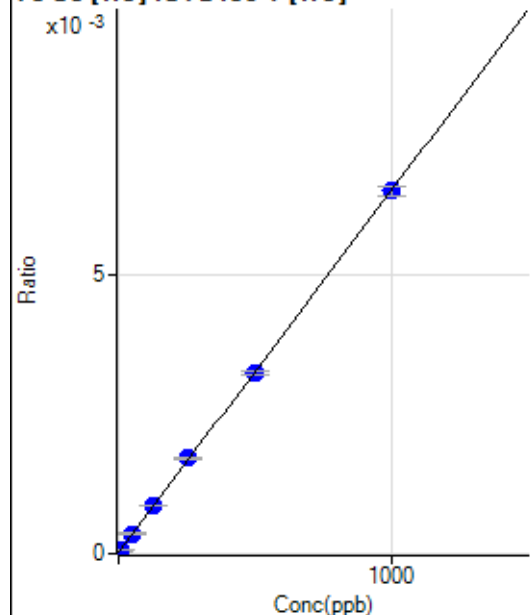
$$DL = 1.882$$

$$BEC = 0.3621$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.34	0.0000	P	8.6
2	☐	5.000	5.614	177.35	0.0001	P	7.9
3	☐	50.000	52.430	1128.16	0.0004	P	1.8
4	☐	125.000	129.149	2670.53	0.0009	P	3.0
5	☐	250.000	261.051	5328.22	0.0017	P	2.7
6	☐	500.000	496.264	10399.89	0.0032	P	1.3
7	☐	1000.000	998.462	21512.52	0.0065	P	2.3
8	☐			80.34	0.0000	P	1.7

$$y = 6.4954\text{E-}006 * x + 2.1446\text{E-}005$$

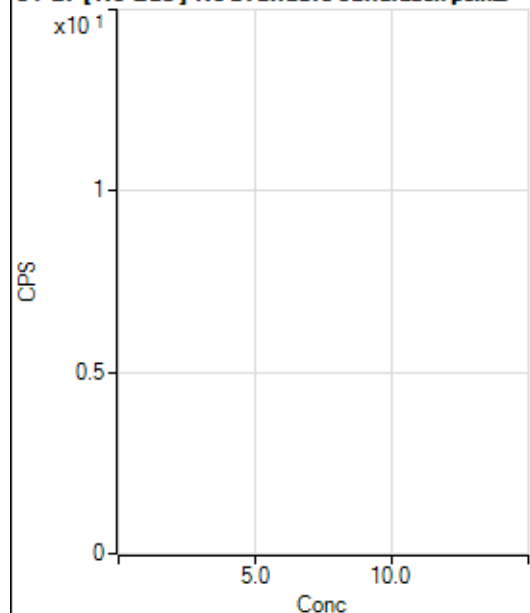
$$R = 0.9999$$

$$DL = 0.8502$$

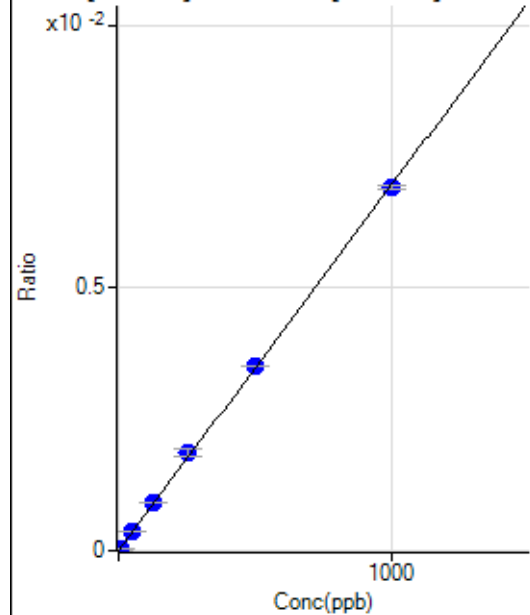
$$BEC = 3.302$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21485.37		P	1.8
2	☐			20897.13		P	3.0
3	☐			20850.21		P	1.4
4	☐			20887.10		P	3.0
5	☐			21201.22		P	3.2
6	☐			21933.17		P	3.3
7	☐			23707.85		P	0.4
8	☐			23965.14		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.77	0.0000	P	533.
2	☐	5.000	5.047	1025.21	0.0000	P	7.9
3	☐	50.000	53.049	10354.03	0.0004	P	3.2
4	☐	125.000	132.240	25752.43	0.0009	P	1.1
5	☐	250.000	267.169	51574.35	0.0019	P	7.1
6	☐	500.000	505.182	104613.38	0.0035	P	0.8
7	☐	1000.000	992.059	210778.57	0.0069	P	0.9
8	☐			271.12	0.0000	P	18.6

$$y = 6.9586E-006 * x + 6.5934E-007$$

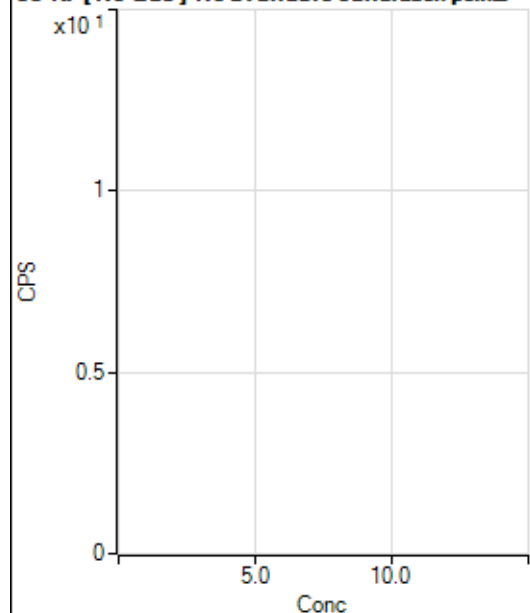
$$R = 0.9998$$

$$DL = 1.516$$

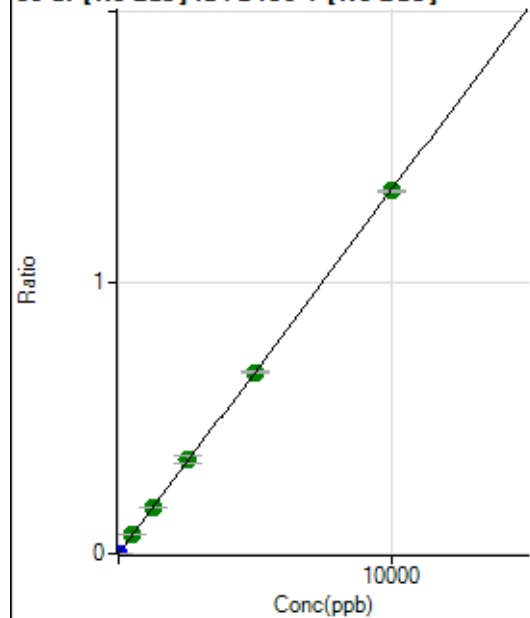
$$BEC = 0.09475$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			883.37		P	8.0
2	☐			938.93		P	11.7
3	☐			933.38		P	6.7
4	☐			915.60		P	7.6
5	☐			942.27		P	3.3
6	☐			877.81		P	8.1
7	☐			1003.38		P	4.4
8	☐			943.38		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1491.78	0.0001	P	12.2
2	☐	1.000	1.035	5492.94	0.0002	P	1.8
3	☐	500.000	530.400	1990632.71	0.0711	A	3.5
4	☐	1250.000	1278.511	4791294.64	0.1713	A	0.4
5	☐	2500.000	2612.754	9701536.16	0.3500	A	8.4
6	☐	5000.000	4982.405	19859461.38	0.6675	A	1.3
7	☐	10000.000	9975.525	40798440.15	1.3363	A	0.6
8	☐			19884.02	0.0007	P	1.2

$$y = 1.3395E-004 * x + 5.2866E-005$$

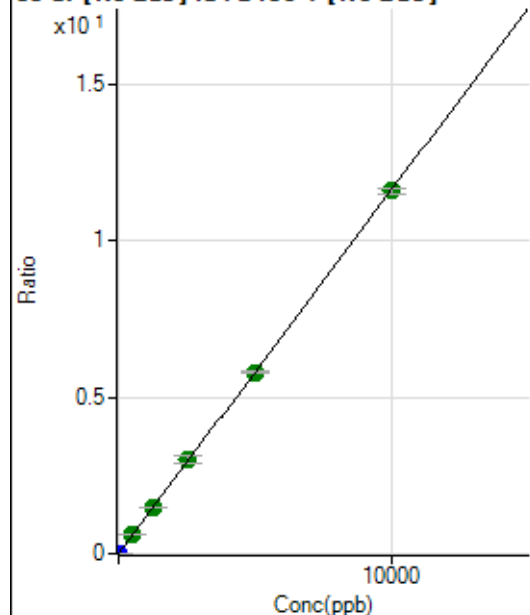
$$R = 0.9999$$

$$DL = 0.1445$$

$$BEC = 0.3947$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	808.38	0.0000	P	5.1
2	☐	1.000	1.053	35921.87	0.0013	P	1.3
3	☐	500.000	517.999	16862483.01	0.6023	A	3.5
4	☐	1250.000	1273.967	41422925.23	1.4812	A	1.3
5	☐	2500.000	2608.988	84095446.32	3.0334	A	7.8
6	☐	5000.000	4989.883	172611406.6	5.8016	A	1.8
7	☐	10000.000	9973.916	354035107.9	11.5965	A	1.5
8	☐			161321.05	0.0054	P	2.2

$$y = 0.0012 * x + 2.8654E-005$$

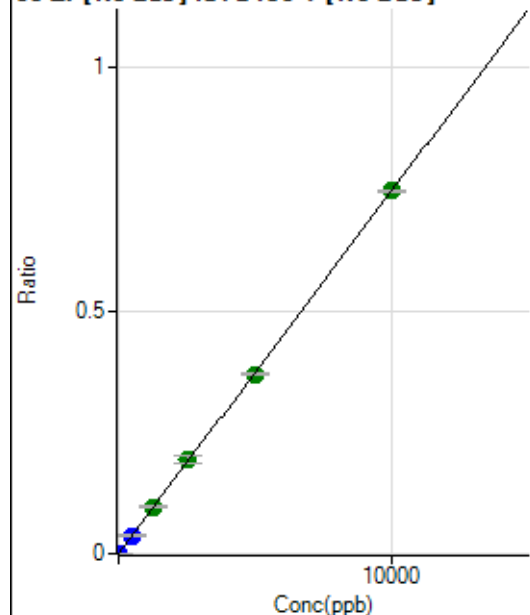
$$R = 0.9999$$

$$DL = 0.003747$$

$$BEC = 0.02465$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1158.42	0.0000	P	11.1
2	☐	1.000	8.967	20368.06	0.0007	P	3.9
3	☐	500.000	502.071	1050782.41	0.0375	P	3.7
4	☐	1250.000	1290.826	2696660.07	0.0964	A	1.2
5	☐	2500.000	2585.524	5354264.92	0.1931	A	7.5
6	☐	5000.000	4942.072	10981811.10	0.3691	A	0.8
7	☐	10000.000	10002.375	22804613.71	0.7469	A	0.6
8	☐			7418.82	0.0002	P	3.7

$$y = 7.4672E-005 * x + 4.1050E-005$$

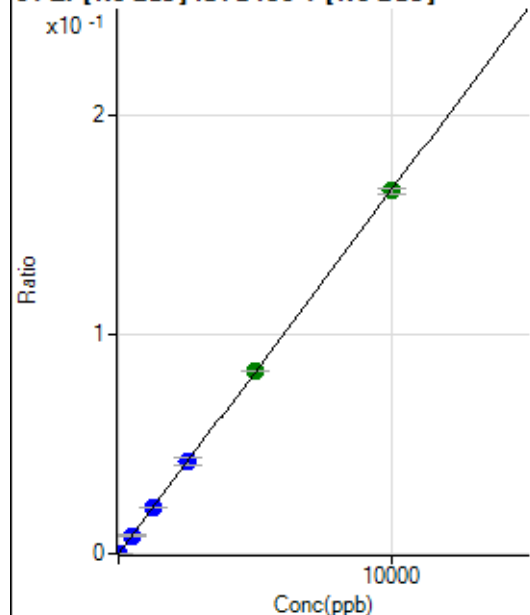
$$R = 0.9999$$

$$DL = 0.1837$$

$$BEC = 0.5497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0000	P	30.3
2	☐	1.000	9.136	4534.19	0.0002	P	6.6
3	☐	500.000	499.498	231858.08	0.0083	P	3.5
4	☐	1250.000	1265.004	586181.03	0.0210	P	2.2
5	☐	2500.000	2547.763	1170323.48	0.0422	P	7.8
6	☐	5000.000	5020.493	2474960.49	0.0832	A	0.3
7	☐	10000.000	9975.961	5045762.00	0.1653	A	1.7
8	☐			1677.92	0.0001	P	7.7

$$y = 1.6566\text{E-}005 * x + 6.6765\text{E-}006$$

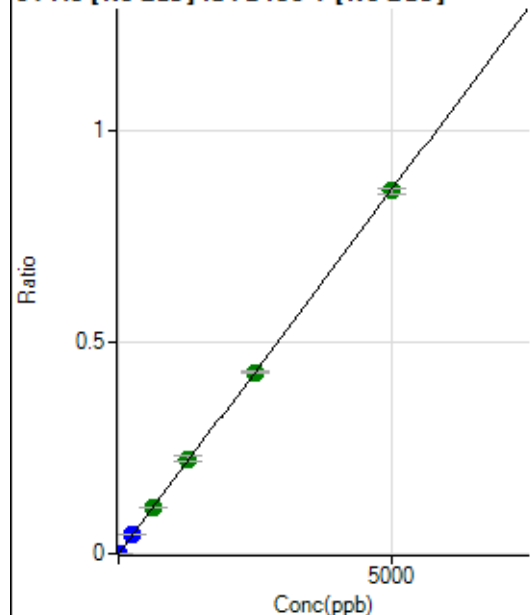
$$R = 1.0000$$

$$DL = 0.3667$$

$$BEC = 0.403$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	386.13	0.0000	P	2.4
2	☐	5.000	4.759	23890.52	0.0008	P	3.0
3	☐	250.000	254.661	1228708.00	0.0439	P	2.5
4	☐	625.000	640.390	3085049.11	0.1103	A	1.7
5	☐	1250.000	1299.417	6211028.57	0.2238	A	5.9
6	☐	2500.000	2496.019	12792984.66	0.4300	A	0.8
7	☐	5000.000	4987.479	26229290.17	0.8591	A	1.5
8	☐			9884.37	0.0003	P	2.5

$$y = 1.7225\text{E-}004 * x + 1.3690\text{E-}005$$

$$R = 0.9999$$

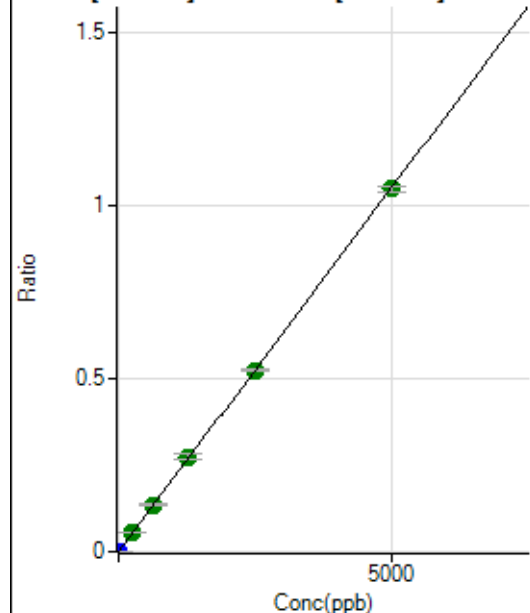
$$DL = 0.005789$$

$$BEC = 0.07948$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	9.3
2	☐	5.000	4.850	29370.44	0.0010	P	1.3
3	☐	250.000	260.219	1531852.43	0.0547	A	2.2
4	☐	625.000	647.343	3805271.05	0.1361	A	1.4
5	☐	1250.000	1298.964	7574523.95	0.2730	A	6.4
6	☐	2500.000	2495.716	15609725.35	0.5246	A	0.9
7	☐	5000.000	4986.597	32001443.08	1.0482	A	1.7
8	☐			11146.39	0.0004	P	4.0

$$y = 2.1020\text{E-}004 * x + 4.7223\text{E-}006$$

$$R = 0.9999$$

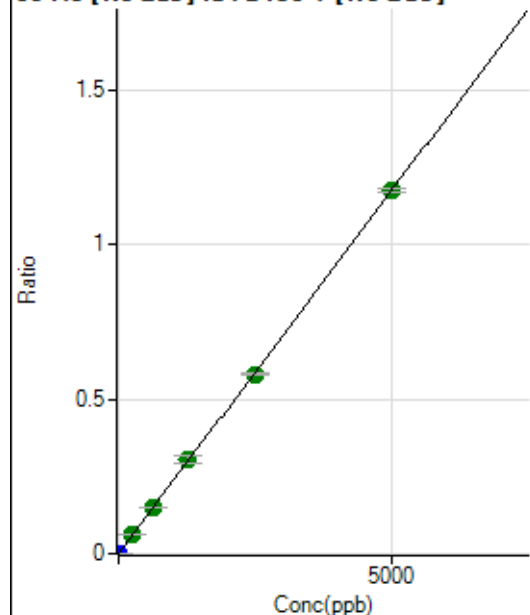
$$DL = 0.006291$$

$$BEC = 0.02247$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	23.8
2	☐	5.000	4.803	32577.82	0.0011	P	2.6
3	☐	250.000	261.376	1717606.44	0.0613	A	2.8
4	☐	625.000	640.116	4200789.33	0.1502	A	1.6
5	☐	1250.000	1306.561	8498245.41	0.3066	A	8.2
6	☐	2500.000	2471.203	17254858.03	0.5799	A	0.5
7	☐	5000.000	4997.800	35805012.26	1.1728	A	1.0
8	☐			25813.55	0.0009	P	3.3

$$y = 2.3465\text{E-}004 * x + 9.0470\text{E-}006$$

$$R = 0.9999$$

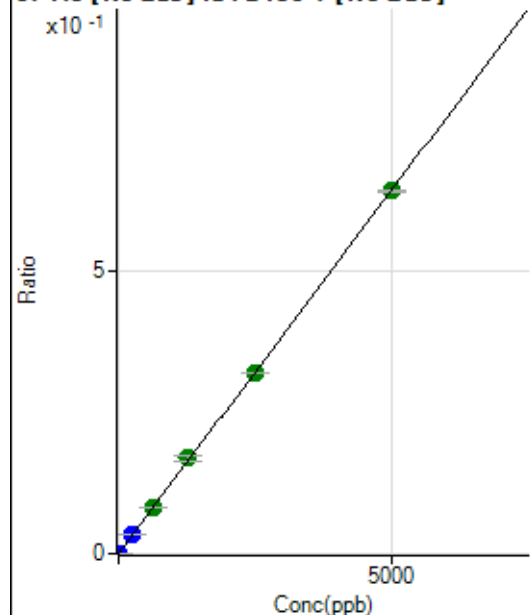
$$DL = 0.02748$$

$$BEC = 0.03855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	53.7
2	☐	5.000	4.970	18448.85	0.0006	P	5.0
3	☐	250.000	255.434	922193.87	0.0329	P	2.6
4	☐	625.000	637.816	2299721.56	0.0822	A	0.6
5	☐	1250.000	1311.730	4691396.11	0.1691	A	6.4
6	☐	2500.000	2480.952	9516562.89	0.3198	A	0.5
7	☐	5000.000	4992.218	19649213.63	0.6436	A	0.6
8	☐			6443.34	0.0002	P	8.6

$$y = 1.2892\text{E-}004 * x + 3.1410\text{E-}006$$

$$R = 0.9999$$

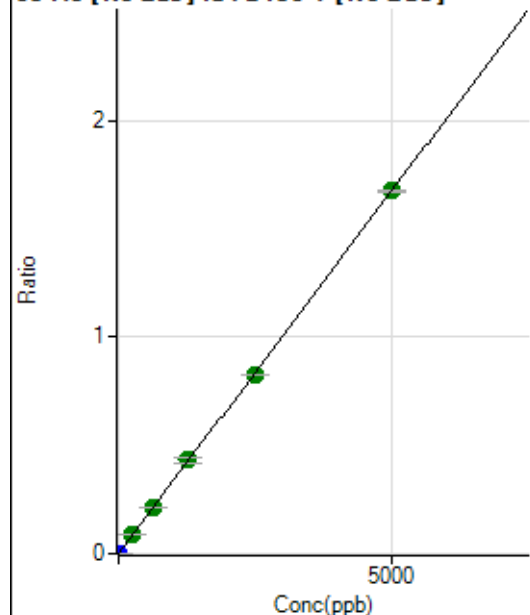
$$DL = 0.03925$$

$$BEC = 0.02436$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0000	P	14.3
2	☐	5.000	4.801	46314.36	0.0016	P	2.8
3	☐	250.000	261.656	2453276.05	0.0876	A	4.4
4	☐	625.000	632.873	5928073.14	0.2120	A	1.9
5	☐	1250.000	1289.748	11983527.00	0.4320	A	6.3
6	☐	2500.000	2471.736	24632325.72	0.8278	A	0.4
7	☐	5000.000	5002.628	51151977.88	1.6755	A	0.8
8	☐			16187.66	0.0005	P	6.5

$$y = 3.3491\text{E-}004 * x + 7.7684\text{E-}006$$

$$R = 0.9999$$

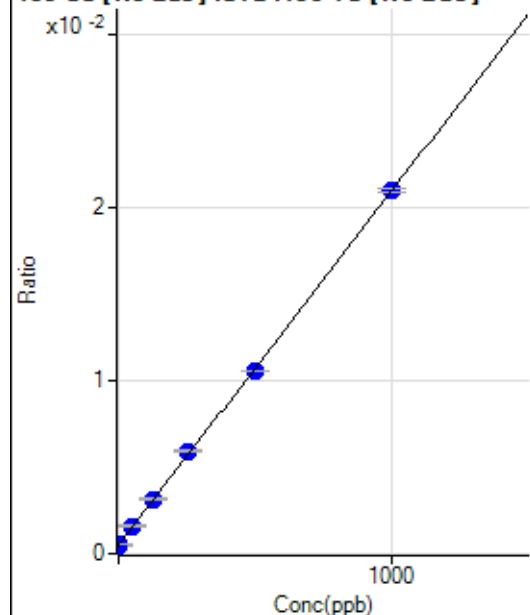
$$DL = 0.009951$$

$$BEC = 0.0232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6787.95	0.0005	P	2.9
2	☐	1.000	1.751	7471.66	0.0005	P	2.5
3	☐	50.000	53.345	21642.44	0.0016	P	4.3
4	☐	125.000	127.877	43098.71	0.0031	P	3.5
5	☐	250.000	264.798	81253.38	0.0059	P	2.5
6	☐	500.000	490.578	157388.81	0.0105	P	0.6
7	☐	1000.000	1000.484	313921.94	0.0210	P	1.0
8	☐			7694.05	0.0005	P	2.3

$$y = 2.0471\text{E-}005 * x + 4.9996\text{E-}004$$

$$R = 0.9998$$

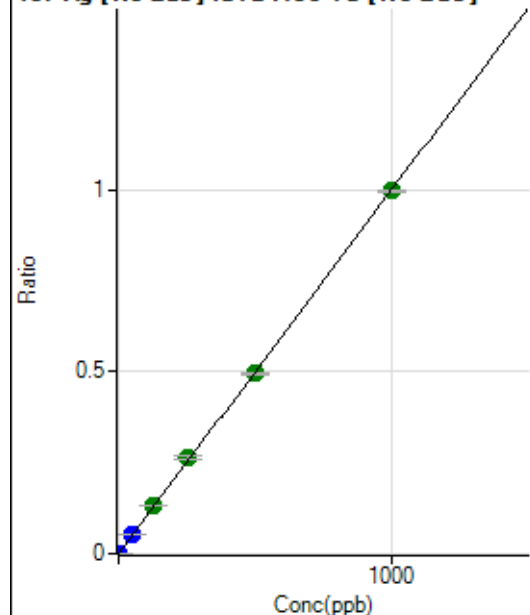
$$DL = 2.09$$

$$BEC = 24.42$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	380.57	0.0000	P	17.6
2	☐	1.000	0.951	13632.09	0.0010	P	5.2
3	☐	50.000	52.459	712838.14	0.0524	P	3.6
4	☐	125.000	131.709	1819629.18	0.1316	A	2.2
5	☐	250.000	266.708	3655803.64	0.2664	A	4.0
6	☐	500.000	494.757	7378079.16	0.4942	A	1.1
7	☐	1000.000	997.483	14909508.84	0.9964	A	0.8
8	☐			4923.23	0.0003	P	4.6

$$y = 9.9889\text{E-}004 * x + 2.7950\text{E-}005$$

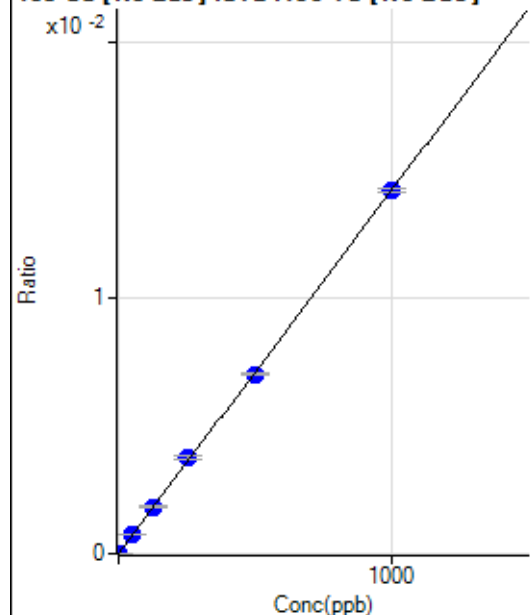
$$R = 0.9998$$

$$DL = 0.01475$$

$$BEC = 0.02798$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.61	0.0000	P	29.9
2	☐	1.000	0.827	213.89	0.0000	P	3.0
3	☐	50.000	52.541	10195.57	0.0008	P	5.6
4	☐	125.000	128.454	25280.25	0.0018	P	3.1
5	☐	250.000	263.381	51396.92	0.0037	P	3.7
6	☐	500.000	494.506	104934.42	0.0070	P	1.1
7	☐	1000.000	998.843	212392.59	0.0142	P	1.1
8	☐			184.73	0.0000	P	24.0

$$y = 1.4208\text{E-}005 * x + 3.5834\text{E-}006$$

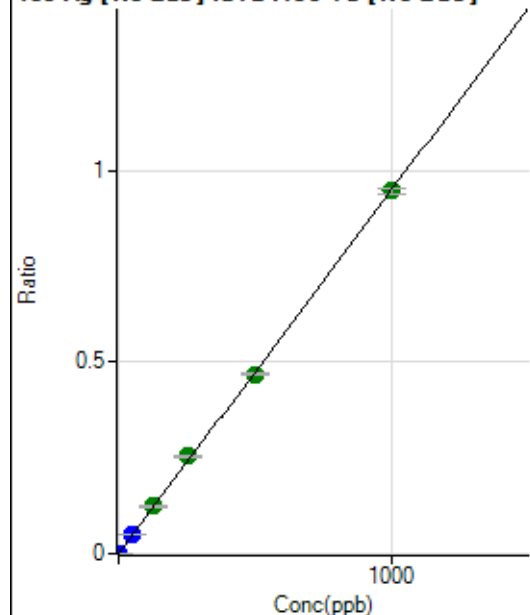
$$R = 0.9999$$

$$DL = 0.2262$$

$$BEC = 0.2522$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.90	0.0000	P	16.2
2	☐	1.000	0.945	12861.87	0.0009	P	5.5
3	☐	50.000	53.079	685541.30	0.0504	P	4.5
4	☐	125.000	131.236	1723150.19	0.1246	A	3.1
5	☐	250.000	267.348	3484216.70	0.2539	A	2.9
6	☐	500.000	493.618	6997407.27	0.4687	A	1.0
7	☐	1000.000	997.921	14177491.81	0.9476	A	1.6
8	☐			4748.17	0.0003	P	3.1

$$y = 9.4955\text{E-}004 * x + 2.4983\text{E-}005$$

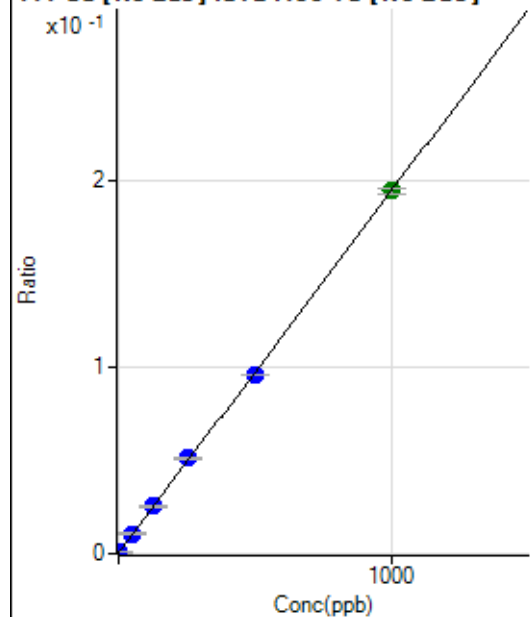
$$R = 0.9998$$

$$DL = 0.01281$$

$$BEC = 0.02631$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4760.59	0.0004	P	3.0
2	☐	1.000	1.031	7680.72	0.0006	P	2.3
3	☐	50.000	53.631	146322.46	0.0108	P	3.4
4	☐	125.000	129.125	351402.27	0.0254	P	2.7
5	☐	250.000	263.265	706216.20	0.0515	P	2.1
6	☐	500.000	492.856	1433459.87	0.0960	P	0.6
7	☐	1000.000	999.559	2908460.17	0.1944	A	1.4
8	☐			6255.19	0.0004	P	2.5

$$y = 1.9412\text{E-}004 * x + 3.5062\text{E-}004$$

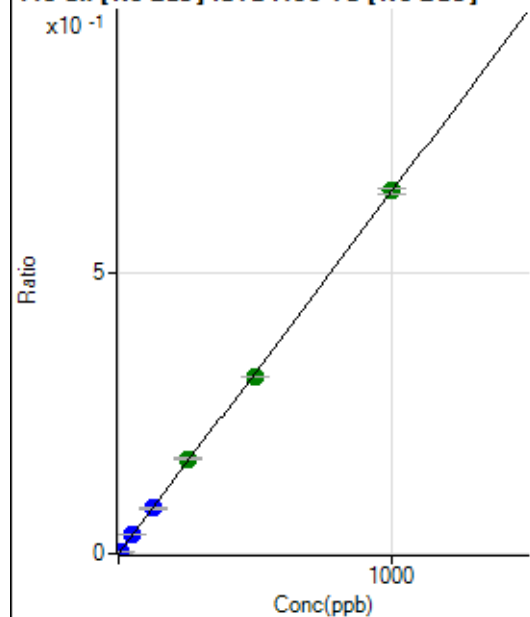
$$R = 0.9999$$

$$DL = 0.1604$$

$$BEC = 1.806$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3893.90	0.0003	P	104.
2	☐	5.000	4.490	44548.20	0.0032	P	2.5
3	☐	50.000	51.702	458212.15	0.0337	P	4.4
4	☐	125.000	125.649	1126886.39	0.0815	P	2.0
5	☐	250.000	261.786	2325843.09	0.1695	A	2.6
6	☐	500.000	488.984	4721981.31	0.3163	A	0.3
7	☐	1000.000	1002.398	9696936.67	0.6481	A	1.4
8	☐			7001.98	0.0005	P	7.7

$$y = 6.4626\text{E-}004 * x + 2.9262\text{E-}004$$

$$R = 0.9998$$

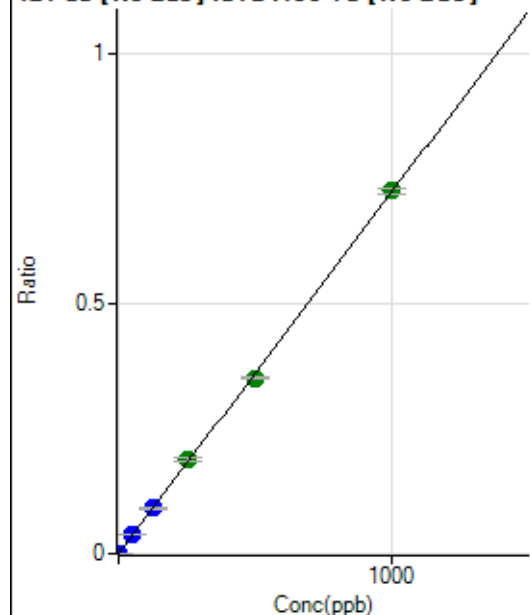
$$DL = 1.418$$

$$BEC = 0.4528$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	28.8
2	☐	2.000	1.917	19394.70	0.0014	P	2.3
3	☐	50.000	51.331	504889.80	0.0371	P	2.8
4	☐	125.000	125.524	1255277.62	0.0908	P	2.3
5	☐	250.000	261.613	2596226.27	0.1892	A	3.8
6	☐	500.000	485.691	5243853.07	0.3513	A	0.6
7	☐	1000.000	1004.120	10865337.74	0.7262	A	1.9
8	☐			6448.95	0.0004	P	6.3

$$y = 7.2322\text{E-}004 * x + 4.5099\text{E-}006$$

$$R = 0.9998$$

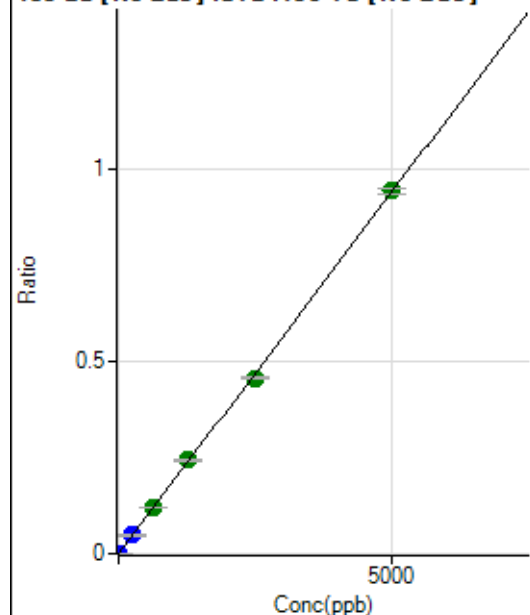
$$DL = 0.005392$$

$$BEC = 0.006236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	54.9
2	☐	10.000	9.634	25210.30	0.0018	P	5.9
3	☐	250.000	253.535	646323.10	0.0475	P	2.4
4	☐	625.000	638.157	1653877.89	0.1196	A	2.6
5	☐	1250.000	1298.712	3340505.85	0.2434	A	2.8
6	☐	2500.000	2426.498	6789520.94	0.4548	A	0.8
7	☐	5000.000	5022.752	14085088.68	0.9414	A	1.5
8	☐			6337.76	0.0004	P	2.6

$$y = 1.8743\text{E-}004 * x + 3.2917\text{E-}006$$

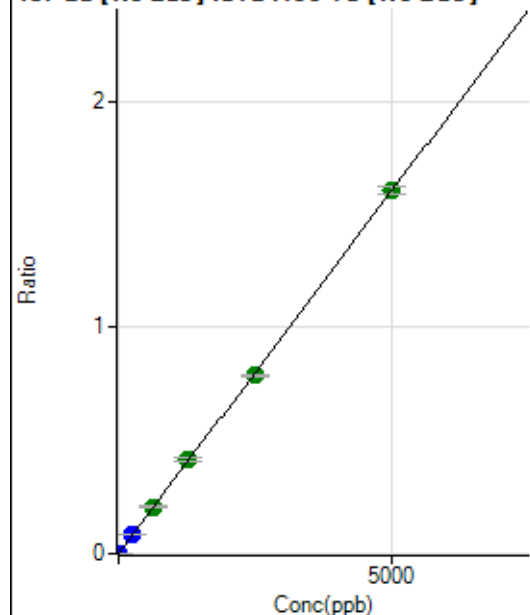
$$R = 0.9998$$

$$DL = 0.02892$$

$$BEC = 0.01756$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	68.6
2	☐	10.000	9.898	44351.27	0.0032	P	1.5
3	☐	250.000	260.266	1134613.88	0.0834	P	3.9
4	☐	625.000	644.785	2858239.00	0.2067	A	2.7
5	☐	1250.000	1298.465	5713410.80	0.4163	A	2.4
6	☐	2500.000	2462.362	11785258.34	0.7895	A	1.0
7	☐	5000.000	5003.717	24000571.55	1.6042	A	2.3
8	☐			11001.98	0.0008	P	0.8

$$y = 3.2061E-004 * x + 5.7726E-006$$

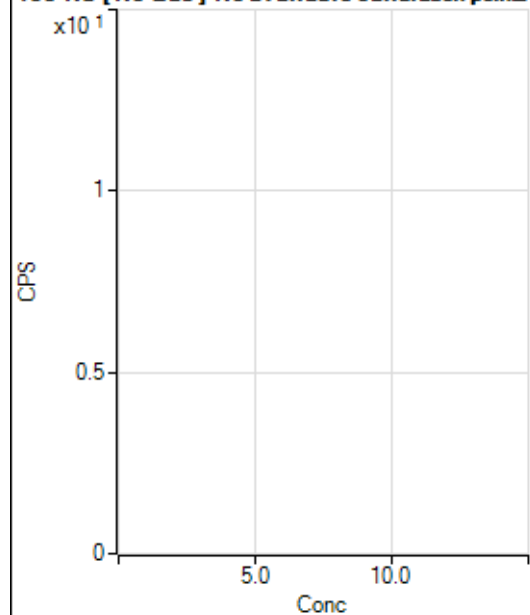
$$R = 0.9999$$

$$DL = 0.03705$$

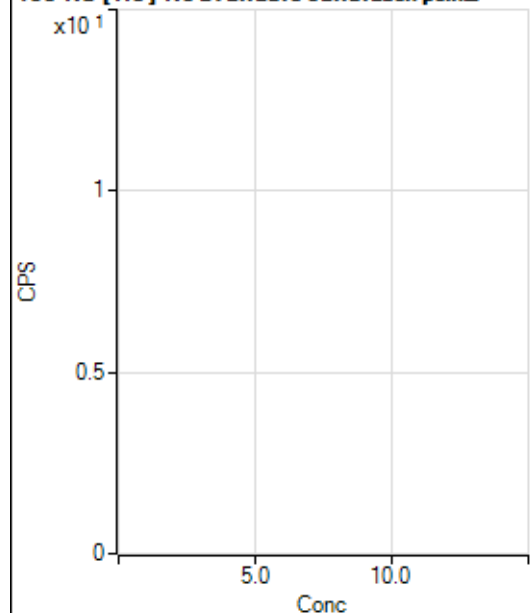
$$BEC = 0.018$$

Weight: <None>

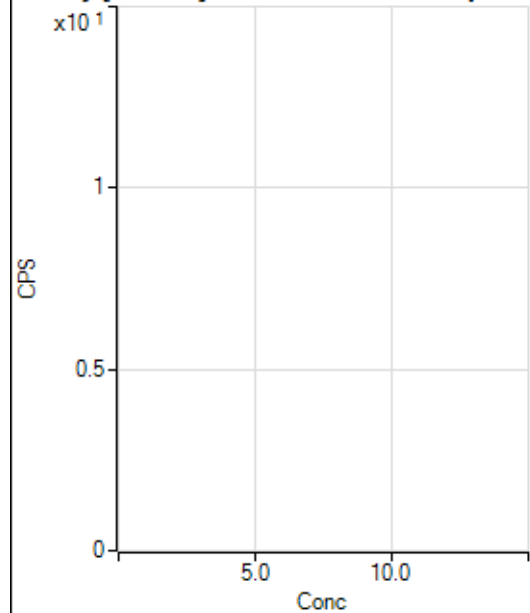
Min Conc: 0

150 Nd [No Gas] No available calibration points

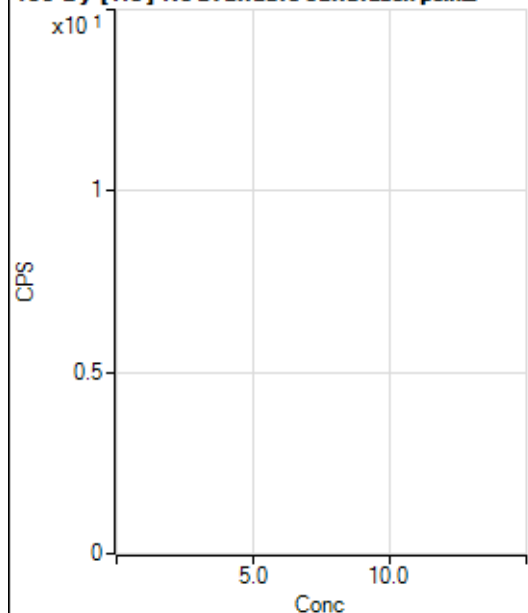
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	86.6
2	☐			11.11		P	34.6
3	☐			44.44		P	56.8
4	☐			93.34		P	21.4
5	☐			160.00		P	38.2
6	☐			242.23		P	15.6
7	☐			524.47		P	7.2
8	☐			106.67		P	16.5

150 Nd [He] No available calibration points

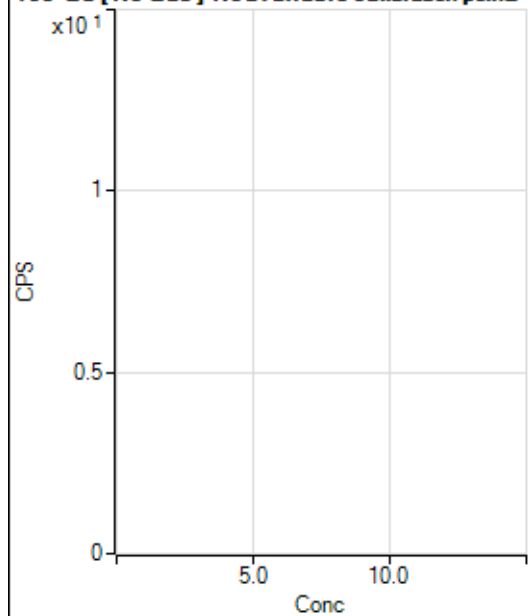
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	0.0
3	☐			1.11		P	173.
4	☐			4.44		P	43.4
5	☐			4.44		P	43.4
6	☐			22.22		P	34.7
7	☐			32.22		P	33.3
8	☐			27.78		P	13.9

156 Dy [No Gas] No available calibration points

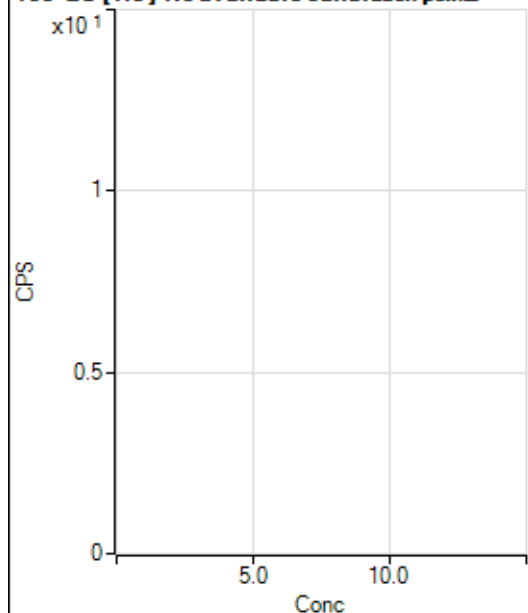
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐			25.00		P	33.3
3	☐			44.45		P	57.3
4	☐			50.00		P	60.1
5	☐			122.23		P	14.2
6	☐			230.56		P	36.2
7	☐			483.36		P	19.9
8	☐			1794.62		P	7.5

156 Dy [He] No available calibration points

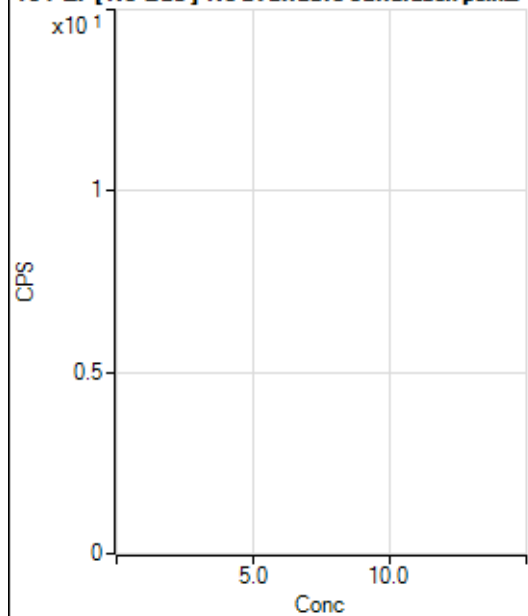
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			5.56		P	34.7
3	☐			12.22		P	15.7
4	☐			30.00		P	33.3
5	☐			66.67		P	13.2
6	☐			82.22		P	27.0
7	☐			233.34		P	11.3
8	☐			895.59		P	4.5

160 Gd [No Gas] Noavailable calibration poin...

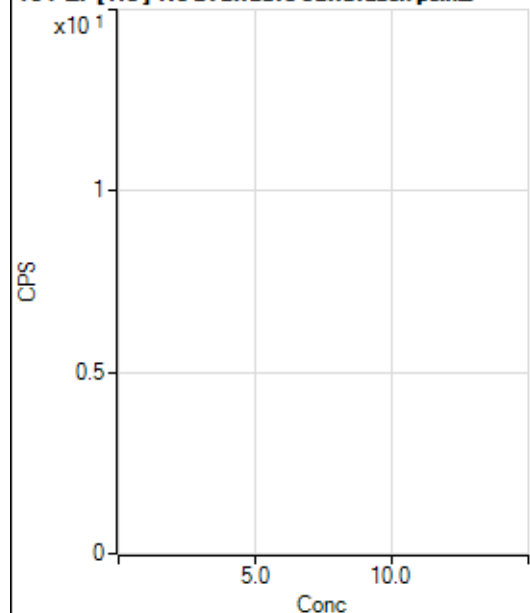
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			94.45		P	62.0
2	☐			102.78		P	23.4
3	☐			88.89		P	19.5
4	☐			158.34		P	15.8
5	☐			230.56		P	28.1
6	☐			313.90		P	6.1
7	☐			469.47		P	3.7
8	☐			2225.25		P	9.7

160 Gd [He] No available calibration points

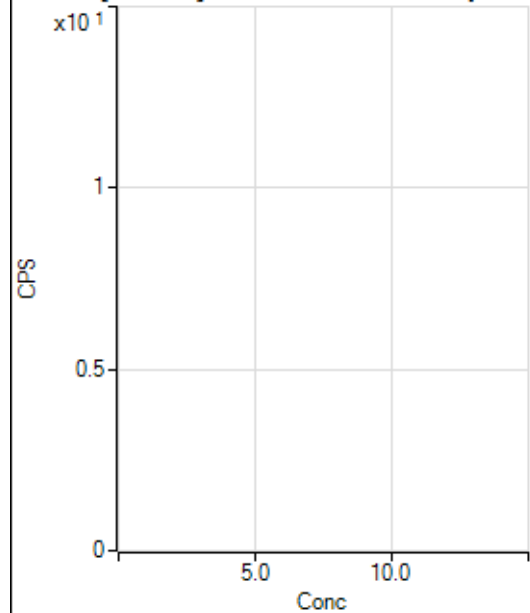
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	21.8
2	☐			42.22		P	12.1
3	☐			67.78		P	17.3
4	☐			65.56		P	45.9
5	☐			85.56		P	21.5
6	☐			147.78		P	18.2
7	☐			292.23		P	6.9
8	☐			1152.28		P	7.0

164 Er [No Gas] No available calibration points

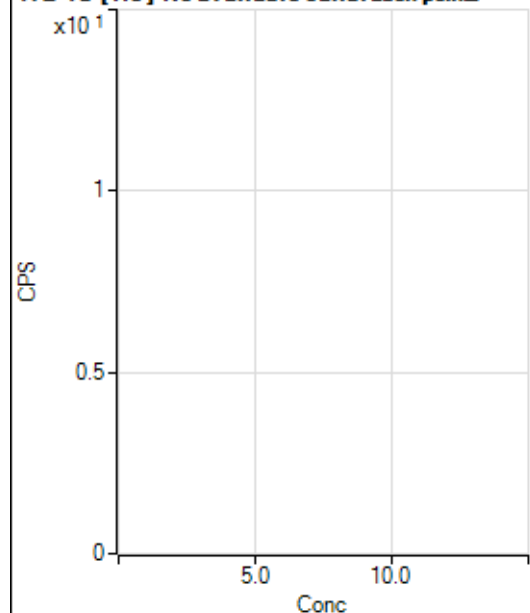
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	6.0
2	☐			75.00		P	58.8
3	☐			113.89		P	16.9
4	☐			69.45		P	13.9
5	☐			97.22		P	4.9
6	☐			108.34		P	27.7
7	☐			147.23		P	19.9
8	☐			377.80		P	28.7

164 Er [He] No available calibration points

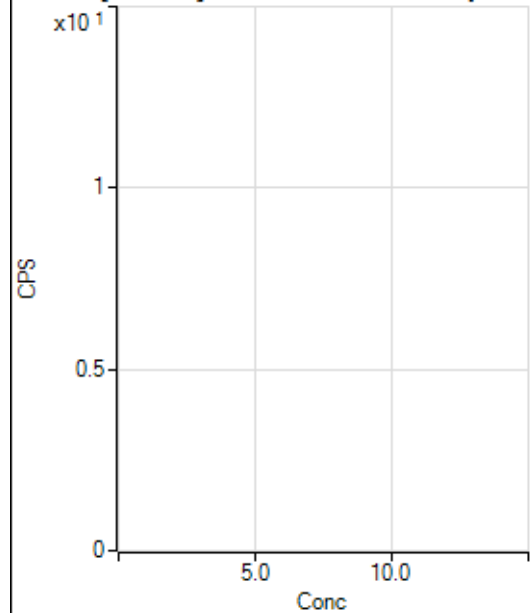
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	25.4
2	☐			22.22		P	8.7
3	☐			41.11		P	26.1
4	☐			34.44		P	24.3
5	☐			51.11		P	3.8
6	☐			66.67		P	18.0
7	☐			65.56		P	12.8
8	☐			170.00		P	15.6

172 Yb [No Gas] No available calibration points

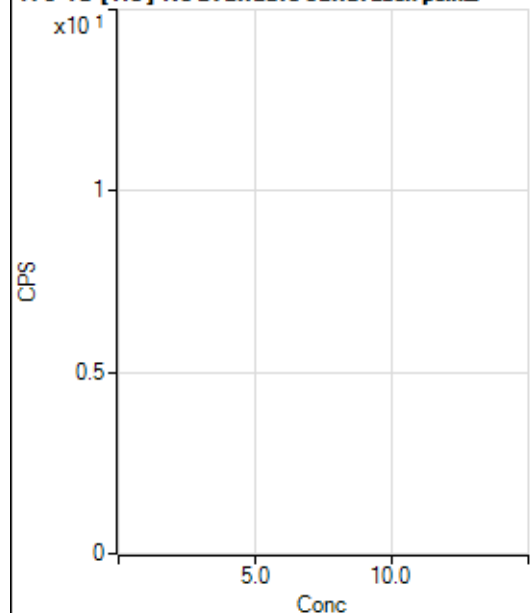
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	53.9
2	☐			30.55		P	15.7
3	☐			52.78		P	24.1
4	☐			38.89		P	61.9
5	☐			41.66		P	34.6
6	☐			41.67		P	34.6
7	☐			72.22		P	6.7
8	☐			88.89		P	21.6

172 Yb [He] No available calibration points

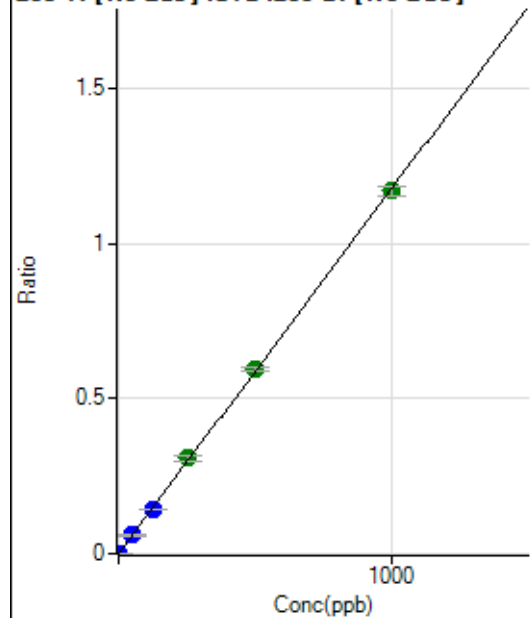
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	56.8
2	☐			14.82		P	173.
3	☐			20.37		P	41.7
4	☐			12.97		P	49.5
5	☐			14.82		P	57.3
6	☐			16.67		P	33.3
7	☐			25.93		P	68.9
8	☐			55.56		P	26.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1427.90		P	5.3
2	☐			1652.93		P	2.4
3	☐			3542.24		P	2.5
4	☐			6590.71		P	6.8
5	☐			11455.32		P	1.3
6	☐			21428.91		P	1.1
7	☐			43377.77		P	1.3
8	☐			1689.04		P	7.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2983.73		P	2.9
2	☐			2068.72		P	4.6
3	☐			2785.52		P	7.1
4	☐			4109.97		P	2.7
5	☐			6592.49		P	5.3
6	☐			11386.56		P	1.9
7	☐			21955.55		P	0.9
8	☐			2202.07		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	488.91	0.0001	P	16.7
2	☐	1.000	0.949	9378.69	0.0012	P	4.6
3	☐	50.000	50.060	452433.03	0.0590	P	2.9
4	☐	125.000	122.083	1126749.55	0.1438	P	2.8
5	☐	250.000	261.459	2365709.60	0.3079	A	5.3
6	☐	500.000	505.737	4820594.07	0.5955	A	2.1
7	☐	1000.000	994.628	9627135.89	1.1712	A	2.9
8	☐			2455.86	0.0003	P	3.6

$$y = 0.0012 * x + 6.3339E-005$$

$$R = 0.9999$$

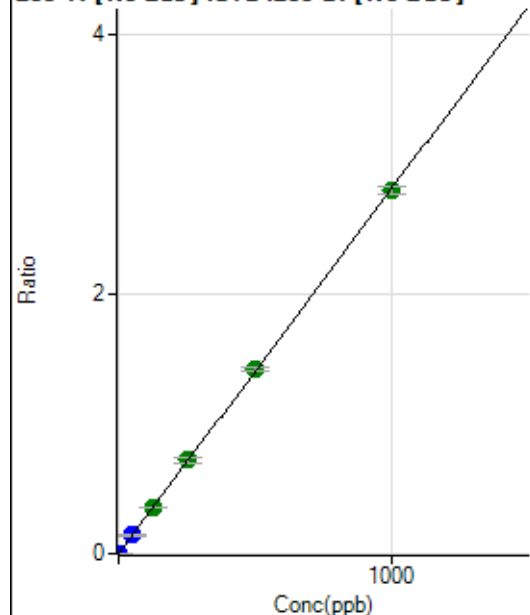
$$DL = 0.02691$$

$$BEC = 0.0538$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1208.43	0.0002	P	1.2
2	☐	1.000	0.942	22272.40	0.0028	P	3.4
3	☐	50.000	50.057	1079077.90	0.1407	P	3.2
4	☐	125.000	127.368	2803995.61	0.3579	A	2.2
5	☐	250.000	256.666	5535531.42	0.7210	A	7.1
6	☐	500.000	507.269	11532957.55	1.4247	A	2.1
7	☐	1000.000	994.400	22957831.94	2.7928	A	2.1
8	☐			6126.64	0.0008	P	7.2

$$y = 0.0028 * x + 1.5637E-004$$

$$R = 0.9999$$

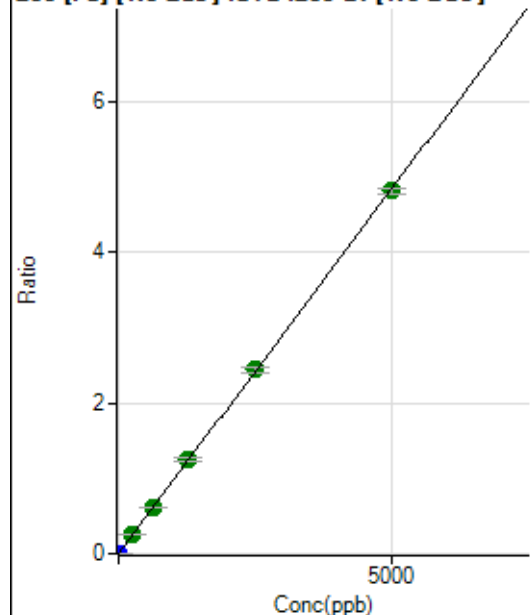
$$DL = 0.001992$$

$$BEC = 0.05568$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1340.85	0.0002	P	1.5
2	☐	1.000	0.928	8519.59	0.0011	P	5.5
3	☐	250.000	257.532	1913741.89	0.2495	A	1.3
4	☐	625.000	638.750	4847385.35	0.6186	A	2.3
5	☐	1250.000	1284.797	9566705.65	1.2442	A	3.3
6	☐	2500.000	2524.344	19784843.96	2.4443	A	2.7
7	☐	5000.000	4977.034	39615717.55	4.8191	A	1.6
8	☐			15335.24	0.0021	P	4.3

$$y = 9.6824E-004 * x + 1.7348E-004$$

$$R = 1.0000$$

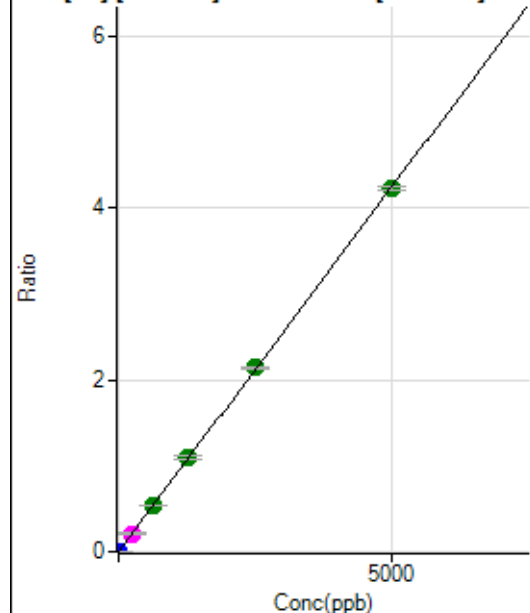
$$DL = 0.00791$$

$$BEC = 0.1792$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1050.08	0.0001	P	10.4
2	☐	1.000	0.955	7502.31	0.0009	P	4.5
3	☐	250.000	249.396	1619721.39	0.2114	M	6.2
4	☐	625.000	630.535	4185412.56	0.5341	A	2.2
5	☐	1250.000	1283.391	8355047.70	1.0871	A	4.4
6	☐	2500.000	2524.425	17308662.54	2.1381	A	1.5
7	☐	5000.000	4978.778	34665201.47	4.2167	A	1.0
8	☐			13548.08	0.0019	P	4.0

$$y = 8.4691\text{E-}004 * x + 1.3579\text{E-}004$$

$$R = 1.0000$$

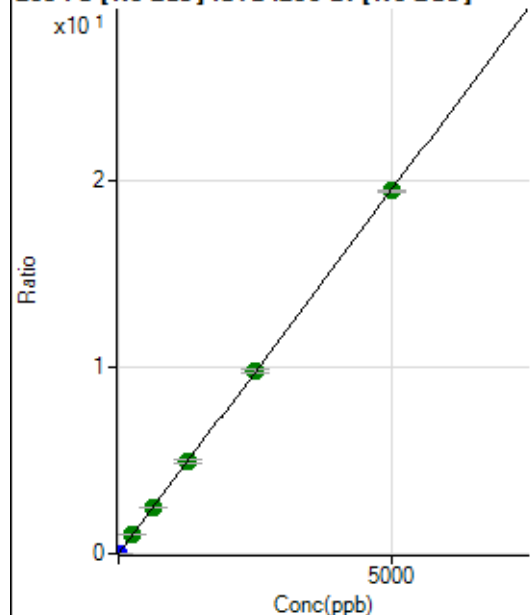
$$DL = 0.04985$$

$$BEC = 0.1603$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5224.76	0.0007	P	8.6
2	☐	1.000	0.919	33908.51	0.0043	P	2.1
3	☐	250.000	256.578	7688533.51	1.0027	A	2.8
4	☐	625.000	624.562	19120171.06	2.4399	A	1.0
5	☐	1250.000	1278.255	38372294.78	4.9928	A	4.5
6	☐	2500.000	2509.526	79348025.03	9.8014	A	1.3
7	☐	5000.000	4987.899	160144783.9	19.4805	A	0.9
8	☐			61693.63	0.0085	P	2.9

$$y = 0.0039 * x + 6.7580\text{E-}004$$

$$R = 1.0000$$

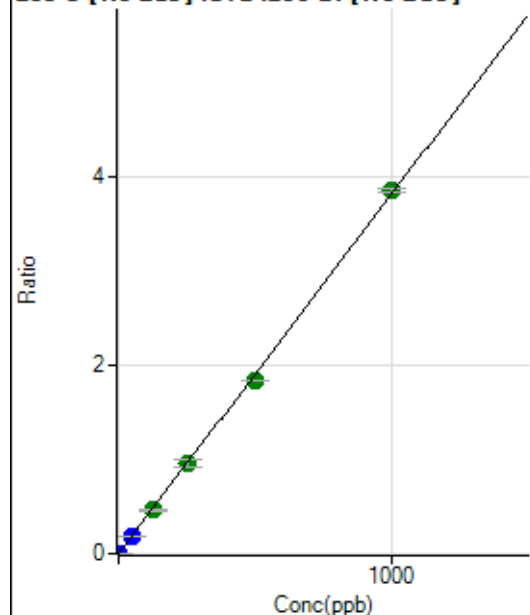
$$DL = 0.04468$$

$$BEC = 0.173$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.33	0.0000	P	134.
2	☐	1.000	0.871	26592.40	0.0033	P	4.5
3	☐	50.000	48.006	1401738.98	0.1828	P	2.7
4	☐	125.000	120.762	3603289.71	0.4598	A	1.8
5	☐	250.000	251.542	7353037.06	0.9577	A	7.2
6	☐	500.000	482.382	14869543.04	1.8366	A	0.5
7	☐	1000.000	1009.053	31582338.21	3.8418	A	1.1
8	☐			4845.50	0.0007	P	4.4

$$y = 0.0038 * x + 2.8483E-005$$

$$R = 0.9998$$

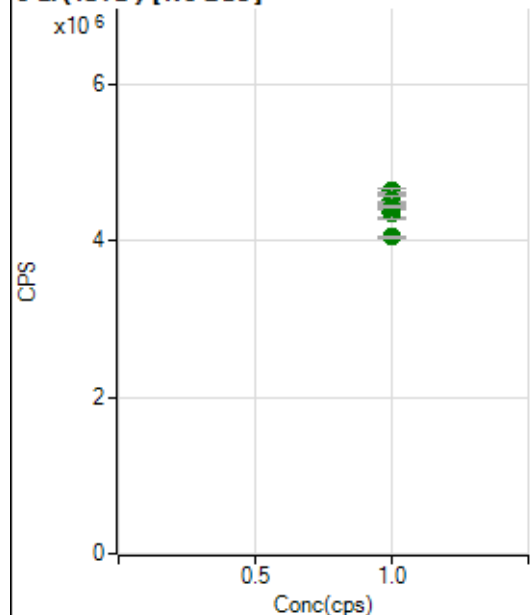
$$DL = 0.03007$$

$$BEC = 0.007481$$

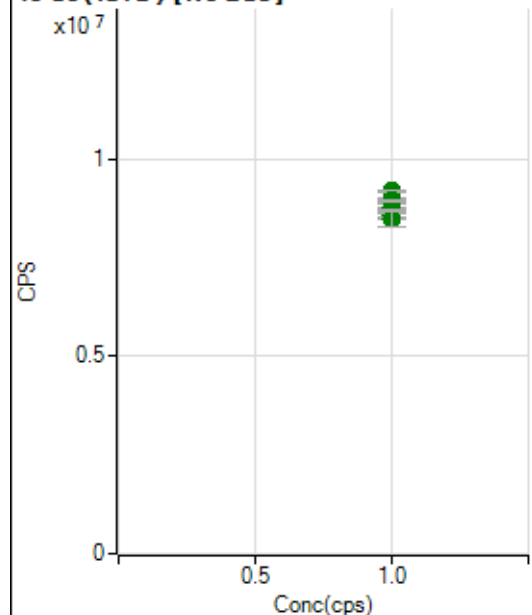
Weight: <None>

Min Conc: 0

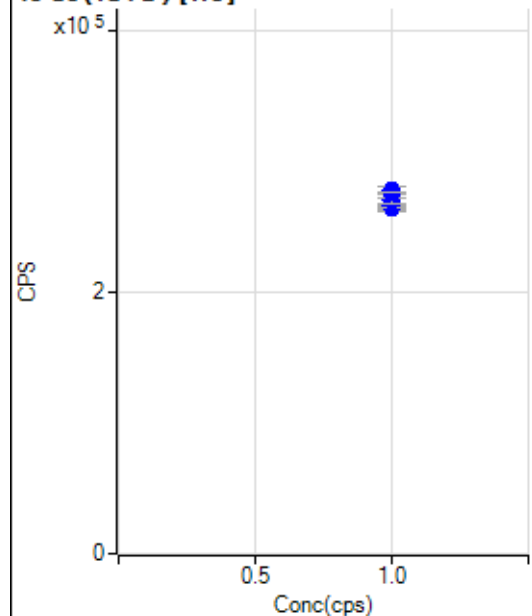
6 Li (ISTD) [No Gas]



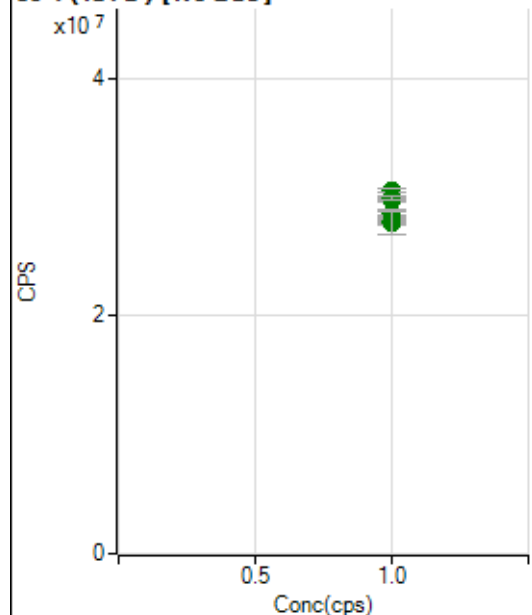
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4371856.44		A	2.9
2	☐	1.000		4632294.18		A	1.1
3	☐	1.000		4505349.41		A	3.5
4	☐	1.000		4437467.44		A	1.8
5	☐	1.000		4354708.71		A	3.8
6	☐	1.000		4526767.70		A	1.4
7	☐	1.000		4424266.67		A	0.7
8	☐	1.000		4041140.76		A	0.6

45 Sc (ISTD) [No Gas]

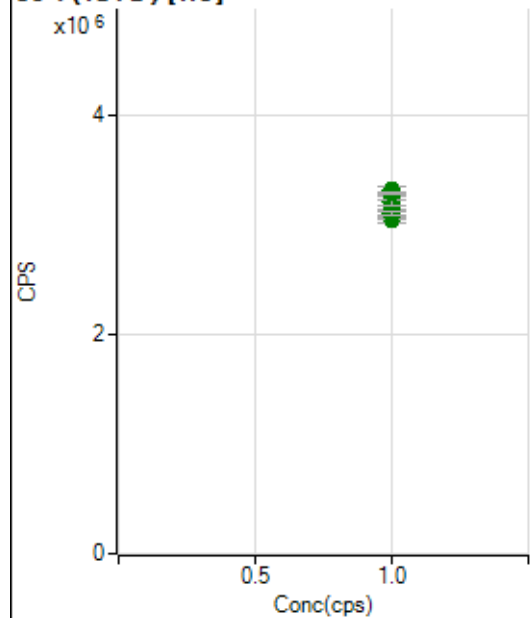
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8619043.41		A	1.6
2	☐	1.000		8879803.69		A	2.0
3	☐	1.000		8561707.03		A	1.9
4	☐	1.000		8797915.84		A	1.9
5	☐	1.000		8486064.53		A	4.5
6	☐	1.000		8996062.50		A	1.0
7	☐	1.000		9202751.81		A	0.8
8	☐	1.000		8960208.55		A	0.6

45 Sc (ISTD) [He]

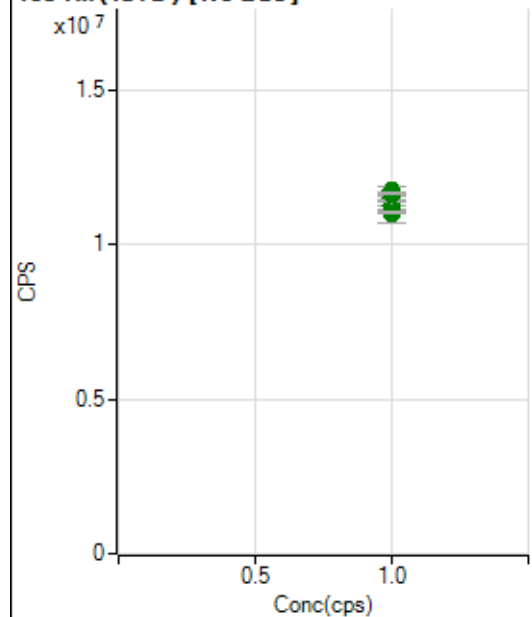
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		265067.43		P	0.2
2	☐	1.000		265189.35		P	0.2
3	☐	1.000		265246.41		P	1.3
4	☐	1.000		265133.35		P	2.2
5	☐	1.000		266377.46		P	0.9
6	☐	1.000		270125.72		P	1.2
7	☐	1.000		277687.01		P	2.0
8	☐	1.000		276660.42		P	0.3

89 Y (ISTD) [No Gas]

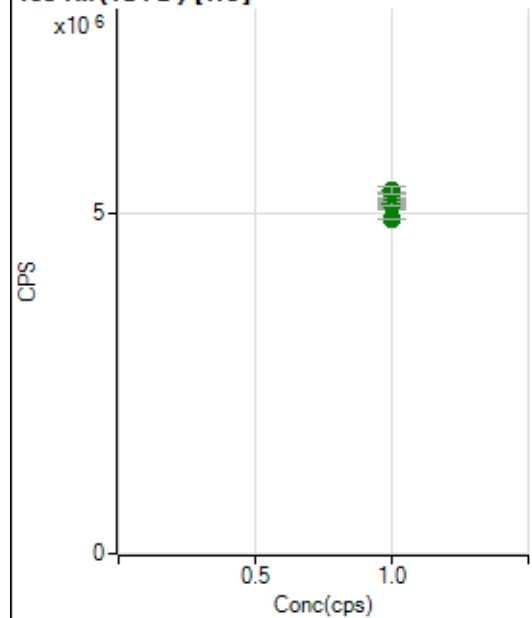
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28210420.97		A	1.4
2	☐	1.000		28677181.24		A	2.4
3	☐	1.000		28014434.03		A	2.7
4	☐	1.000		27968386.81		A	1.5
5	☐	1.000		27824185.14		A	7.0
6	☐	1.000		29754892.89		A	1.0
7	☐	1.000		30531554.82		A	0.9
8	☐	1.000		29910061.50		A	1.2

89 Y (ISTD) [He]

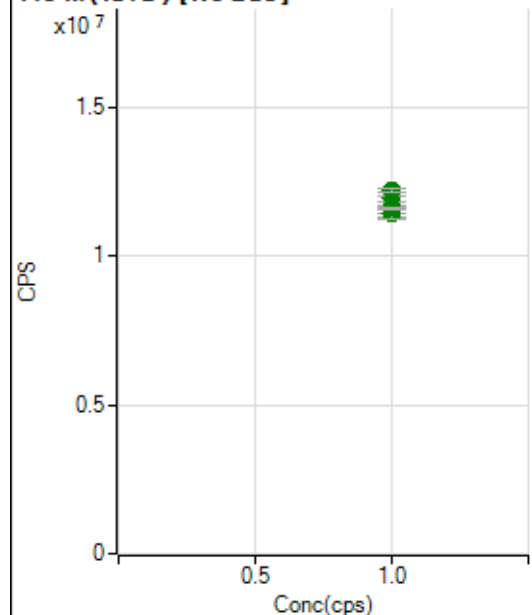
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3044925.13		A	2.5
2	☐	1.000		3062220.72		A	0.7
3	☐	1.000		3116088.32		A	1.5
4	☐	1.000		3105556.79		A	2.6
5	☐	1.000		3103819.99		A	1.5
6	☐	1.000		3205335.09		A	1.5
7	☐	1.000		3307527.07		A	2.7
8	☐	1.000		3289055.16		A	0.9

103 Rh (ISTD) [No Gas]

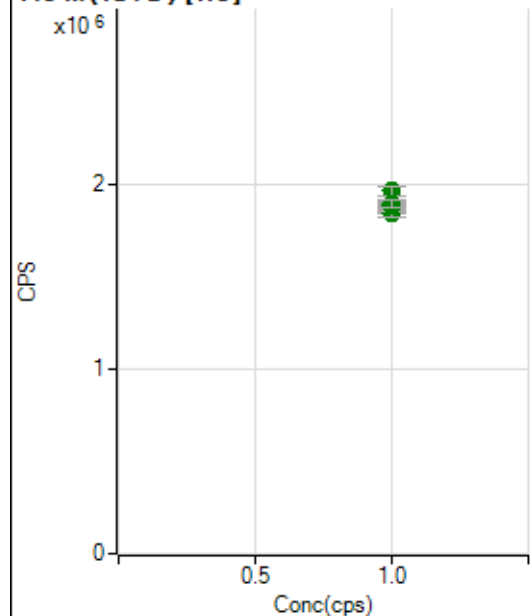
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11475646.61		A	1.2
2	☐	1.000		11719705.73		A	2.9
3	☐	1.000		11442670.39		A	3.0
4	☐	1.000		11243146.52		A	1.9
5	☐	1.000		11067048.25		A	7.1
6	☐	1.000		11665203.47		A	0.5
7	☐	1.000		11637413.28		A	0.6
8	☐	1.000		11012740.18		A	0.8

103 Rh (ISTD) [He]

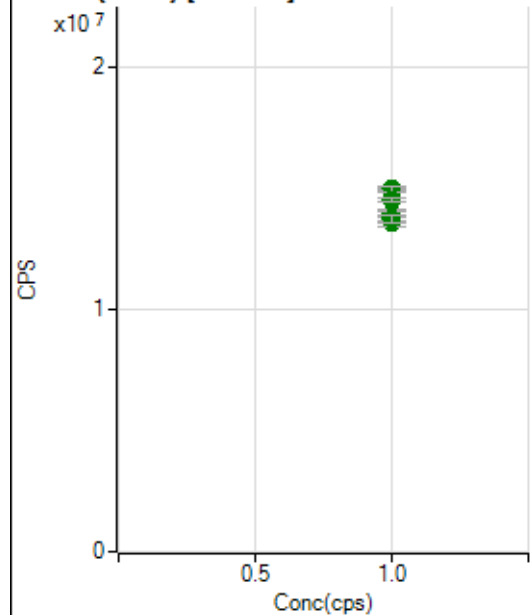
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5112656.87		A	0.8
2	☐	1.000		5117808.54		A	0.6
3	☐	1.000		5192405.48		A	0.7
4	☐	1.000		5109167.94		A	1.8
5	☐	1.000		5145964.72		A	1.4
6	☐	1.000		5282399.02		A	1.6
7	☐	1.000		5340070.82		A	2.1
8	☐	1.000		4928819.09		A	0.2

115 In (ISTD) [No Gas]

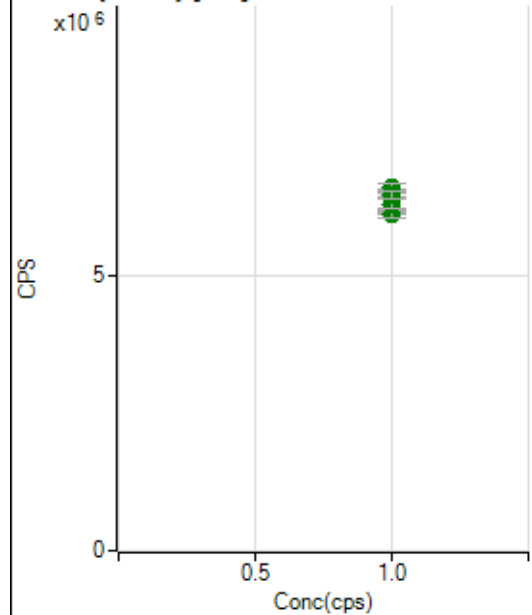
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11468860.85		A	2.4
2	☐	1.000		11957847.59		A	1.6
3	☐	1.000		11453630.31		A	3.0
4	☐	1.000		11553451.63		A	1.7
5	☐	1.000		11464101.65		A	4.1
6	☐	1.000		12030774.96		A	0.1
7	☐	1.000		12209590.55		A	1.1
8	☐	1.000		11617465.84		A	1.1

115 In (ISTD) [He]

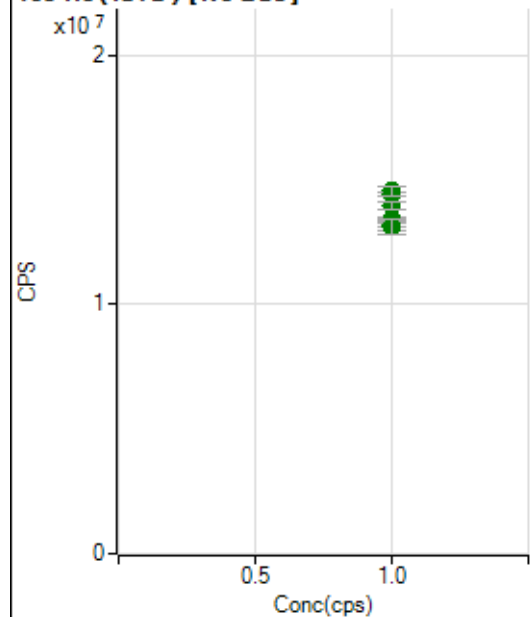
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1847981.26		A	1.1
2	☐	1.000		1873541.34		A	1.3
3	☐	1.000		1873745.09		A	0.6
4	☐	1.000		1836784.78		A	1.6
5	☐	1.000		1879750.92		A	0.9
6	☐	1.000		1887784.74		A	1.3
7	☐	1.000		1961738.48		A	2.6
8	☐	1.000		1896123.26		A	2.1

159 Tb (ISTD) [No Gas]

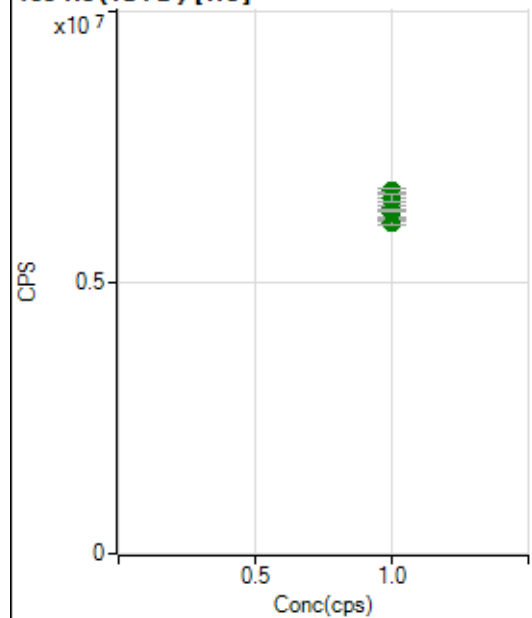
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13576327.85		A	2.9
2	☐	1.000		13950183.13		A	2.5
3	☐	1.000		13605732.58		A	2.8
4	☐	1.000		13831995.77		A	2.5
5	☐	1.000		13728979.10		A	2.3
6	☐	1.000		14928738.11		A	0.6
7	☐	1.000		14963818.25		A	1.5
8	☐	1.000		14524365.76		A	1.2

159 Tb (ISTD) [He]

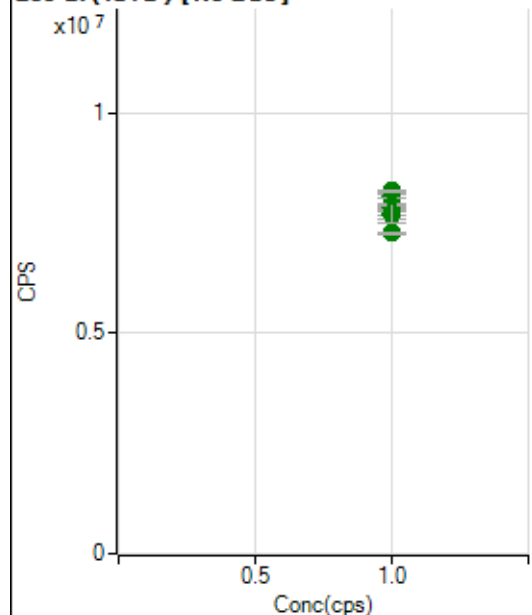
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6099217.13		A	1.7
2	☐	1.000		6129515.88		A	0.9
3	☐	1.000		6160094.35		A	1.0
4	☐	1.000		6107319.49		A	2.8
5	☐	1.000		6291666.50		A	2.9
6	☐	1.000		6505886.36		A	2.2
7	☐	1.000		6584020.59		A	2.6
8	☐	1.000		6463495.11		A	2.2

165 Ho (ISTD) [No Gas]

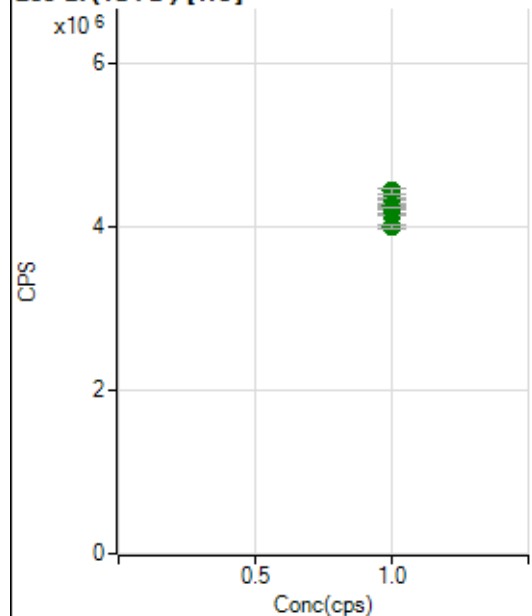
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13185755.59		A	1.4
2	☐	1.000		13398419.83		A	1.8
3	☐	1.000		13189282.67		A	3.8
4	☐	1.000		13409326.78		A	0.4
5	☐	1.000		13097794.65		A	4.8
6	☐	1.000		14419916.99		A	1.2
7	☐	1.000		14554050.32		A	2.9
8	☐	1.000		13961360.73		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6102896.37		A	1.3
2	☐	1.000		6104010.74		A	1.5
3	☐	1.000		6371701.36		A	1.0
4	☐	1.000		6261351.99		A	1.5
5	☐	1.000		6317025.39		A	0.7
6	☐	1.000		6557814.97		A	0.4
7	☐	1.000		6687726.01		A	0.9
8	☐	1.000		6543881.36		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7727925.93		A	1.8
2	☐	1.000		7949685.71		A	2.6
3	☐	1.000		7671018.57		A	2.4
4	☐	1.000		7837278.01		A	1.4
5	☐	1.000		7698941.27		A	5.8
6	☐	1.000		8095977.03		A	1.3
7	☐	1.000		8220945.29		A	0.5
8	☐	1.000		7255154.89		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4139450.49		A	0.7
2	☐	1.000		4245392.65		A	0.6
3	☐	1.000		4212001.53		A	0.6
4	☐	1.000		4283323.86		A	2.0
5	☐	1.000		4252738.41		A	1.2
6	☐	1.000		4355040.49		A	0.1
7	☐	1.000		4432177.82		A	1.7
8	☐	1.000		3997416.85		A	1.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8100521\IMS.b
Acq. Date-Time 2021-10-05 10:23:24
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		16392	163915.55			1.274	5.000
24		142310	1423095.30			1.742	5.000
25		19258	192577.52			1.809	5.000
26		21708	217081.25			1.210	5.000
59		36267	362668.28			1.899	5.000
113		15720	157202.44			1.766	5.000
115		48253	482529.54			1.834	5.000
206		20677	206770.42			1.830	5.000
207		17278	172775.19			1.616	5.000
208		43364	433641.50			1.712	5.000
220		1	6.50			26.086	

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

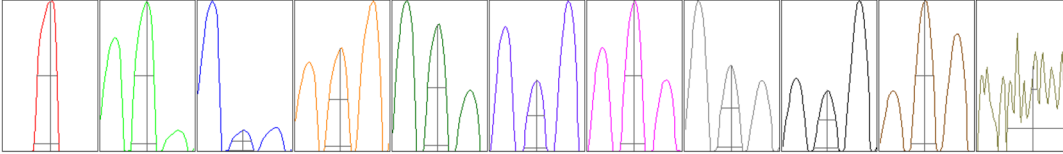
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	16222	16378	16154	16580	16623
24	140508	141996	140531	141967	146546
25	18946	19135	18963	19518	19726
26	21463	21527	21565	21980	22006
59	35471	36028	35867	36882	37086
113	15376	15745	15506	15978	15997
115	47261	48151	47542	49198	49112
206	20311	20806	20238	21008	21022
207	17014	17340	16961	17488	17584
208	42349	43519	42875	44027	44050

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	27749.87	9.05	8.90 - 9.10	
24	244725.88	24.00	23.90 - 24.10	
25	32712.04	24.95	24.90 - 25.10	
26	37821.78	25.95	25.90 - 26.10	
59	65881.68	58.95	58.90 - 59.10	
113	30534.88	113.00	112.90 - 113.10	
115	94001.26	115.00	114.90 - 115.10	
206	38733.95	206.00	205.90 - 206.10	
207	32441.58	206.95	206.90 - 207.10	
208	80303.98	207.95	207.90 - 208.10	
220	0.90	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.780	0.900	
24	0.62	0.785	0.900	
25	0.62	0.787	0.900	
26	0.61	0.823	0.900	
59	0.58	0.779	0.900	
113	0.54	0.705	0.900	
115	0.53	0.765	0.900	
206	0.56	0.790	0.900	
207	0.55	0.780	0.900	
208	0.56	0.785	0.900	
220	0.20	1.812		

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	15.6 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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

EM

Discriminator	4.0 mV	Analog HV	2255 V	Pulse HV	1537 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7586	75859.82			1.328	
89		27557	275568.90			0.988	
205		19283	192828.57			1.632	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7517	7467	7729	7621	7597
89	27245	27324	27912	27641	27663
205	19062	18865	19637	19482	19369

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	4.4 V

US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 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 :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.02	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.13	-0.14	0.01	0.00	N/A	ppb
Boron	11-1	0.01	0.06	-0.07	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.06	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.11	0.74	-0.64	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.08	0.07	0.00	N/A	ppb
Calcium	43-1	-0.19	-0.38	0.57	0.00	N/A	ppb
Calcium	44-1	0.28	-1.26	0.98	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.03	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	-0.29	0.16	0.13	0.00	N/A	ppb
Iron	56-2	-0.13	0.05	0.08	0.00	N/A	ppb
Iron	57-2	0.39	0.40	-0.79	0.00	N/A	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.25	0.13	0.13	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	3.57	16.28	0.60	6.82	122.17	ppb
Potassium	39-2	3.05	0.71	-3.75	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	0.54	-0.46	0.00	N/A	ppb
Selenium	77-2	-0.36	-0.36	0.72	0.00	N/A	ppb
Selenium	78-2	0.26	-0.30	0.05	0.00	N/A	ppb
Silicon	28-1	0.62	-1.35	0.72	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.00	2.31	-1.31	0.00	N/A	ppb
Strontium	86-1	-0.06	0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	351.20	-122.37	404.91	211.25	137.36	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.55	-0.28	-0.26	0.00	N/A	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	-0.01	-0.01	0.01	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	-0.01	-0.08	0.09	0.00	N/A	ppb
Zirconium	90-1	0.06	-0.07	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.06	-0.08	0.14	0.00	N/A	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:27:26	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.82	21.27	19.93	20.67	3.31	ppb
Antimony	121-1	1.88	1.96	1.91	1.92	2.29	ppb
Arsenic	75-2	0.97	0.96	0.98	0.97	0.80	ppb
Barium	135-1	9.05	9.67	10.18	9.63	5.87	ppb
Barium	137-1	9.95	9.73	10.01	9.90	1.46	ppb
Beryllium	9-1	0.96	0.99	0.94	0.96	2.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	20.18	22.77	22.42	21.79	6.43	ppb
Boron	11-1	21.28	22.92	24.01	22.74	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	0.98	1.11	1.03	6.33	ppb
Cadmium	106-1	1.22	1.54	2.49	1.75	37.89	ppb
Cadmium	108-1	0.79	0.85	0.84	0.83	3.87	ppb
Calcium	43-1	457.16	485.15	474.60	472.30	2.99	ppb
Calcium	44-1	453.97	474.97	467.95	465.63	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.85	1.93	1.88	2.43	ppb
Cobalt	59-2	0.92	0.94	0.97	0.94	3.05	ppb
Copper	63-2	1.78	1.76	1.79	1.77	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	52.48	52.44	50.82	51.91	1.82	ppb
Iron	56-2	51.54	49.95	50.57	50.69	1.58	ppb
Iron	57-2	46.08	47.50	43.87	45.81	3.99	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:27:26	DataFile Name :	004CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.99	0.92	0.93	6.53	ppb
Lead	207-1	0.91	0.95	1.01	0.95	5.23	ppb
Lead	208-1	0.89	0.93	0.93	0.92	2.52	ppb
Lithium	6-1				106		%
Magnesium	24-2	508.48	502.71	508.57	506.59	0.66	ppb
Manganese	55-2	1.08	0.99	1.01	1.03	4.67	ppb
Molybdenum	94-1	4.60	4.88	4.79	4.76	3.00	ppb
Molybdenum	95-1	4.82	4.81	4.92	4.85	1.30	ppb
Molybdenum	96-1	4.79	4.93	4.68	4.80	2.64	ppb
Molybdenum	97-1	4.68	5.13	5.10	4.97	5.04	ppb
Molybdenum	98-1	4.69	4.77	4.95	4.80	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.05	1.04	1.04	1.60	ppb
Phosphorus	31-2	-18.36	3.59	-5.69	-6.82		ppb
Potassium	39-2	458.16	460.45	473.85	464.15	1.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.73	4.91	5.50	5.05	8.04	ppb
Selenium	77-2	2.94	2.43	6.31	3.89	54.23	ppb
Selenium	78-2	5.88	6.15	4.82	5.61	12.55	ppb
Silicon	28-1	8.30	11.67	10.54	10.17	16.90	ppb
Silver	107-1	0.90	0.95	1.00	0.95	5.34	ppb
Silver	109-1	0.90	0.93	1.00	0.95	5.65	ppb
Sodium	23-2	516.11	518.40	513.74	516.08	0.45	ppb
Strontium	86-1	1.03	1.01	1.06	1.04	2.51	ppb
Strontium	88-1	1.04	1.07	1.05	1.05	1.34	ppb
Sulfur	34-1	-721.96	127.47	-39.24	-211.25		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.99	0.96	0.95	4.86	ppb
Thallium	205-1	0.92	0.93	0.98	0.94	3.63	ppb
Tin	118-1	4.38	4.62	4.46	4.49	2.70	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:27:26	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.58	4.63	4.90	4.70	3.72	ppb
Uranium	238-1	0.85	0.92	0.85	0.87	4.51	ppb
Vanadium	51-2	4.87	4.77	4.77	4.80	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.01	1.83	2.12	1.99	7.45	ppb
Zirconium	90-1	8.58	9.31	9.02	8.97	4.10	ppb
Zirconium	91-1	9.57	8.41	9.43	9.14	6.93	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.09	1012.70	1018.82	1024.87	1.57	ppb
Antimony	121-1	50.65	50.33	53.01	51.33	2.85	ppb
Arsenic	75-2	50.57	51.19	52.06	51.28	1.45	ppb
Barium	135-1	254.26	247.20	259.15	253.54	2.37	ppb
Barium	137-1	253.04	255.74	272.01	260.27	3.94	ppb
Beryllium	9-1	48.89	50.08	52.80	50.59	3.95	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	47.22	49.62	55.45	50.76	8.34	ppb
Boron	11-1	50.72	52.64	58.49	53.95	7.51	ppb
Bromine	81-1						cps
Cadmium	111-1	53.12	52.07	55.70	53.63	3.48	ppb
Cadmium	106-1	52.74	50.31	56.98	53.34	6.33	ppb
Cadmium	108-1	53.09	49.37	55.16	52.54	5.59	ppb
Calcium	43-1	5521.57	5566.43	5835.21	5641.07	3.01	ppb
Calcium	44-1	5494.53	5358.95	5638.40	5497.29	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.82	49.36	48.16	49.11	1.74	ppb
Cobalt	59-2	51.78	49.79	49.49	50.35	2.48	ppb
Copper	63-2	536.86	522.94	536.00	531.93	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	2674.54	2554.92	2633.63	2621.03	2.32	ppb
Iron	56-2	2711.22	2625.99	2643.51	2660.24	1.69	ppb
Iron	57-2	2593.52	2470.75	2533.90	2532.72	2.42	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	255.19	256.11	261.30	257.53	1.28	ppb
Lead	207-1	240.58	240.42	267.19	249.40	6.18	ppb
Lead	208-1	252.83	252.11	264.79	256.58	2.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	5546.12	5393.29	5439.06	5459.49	1.44	ppb
Manganese	55-2	509.35	497.77	501.71	502.94	1.17	ppb
Molybdenum	94-1	254.75	248.27	260.97	254.66	2.49	ppb
Molybdenum	95-1	261.53	254.01	265.11	260.22	2.18	ppb
Molybdenum	96-1	259.53	255.05	269.55	261.38	2.84	ppb
Molybdenum	97-1	252.93	250.45	262.92	255.43	2.58	ppb
Molybdenum	98-1	259.87	251.26	273.83	261.66	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.40	49.48	50.06	49.98	0.93	ppb
Phosphorus	31-2	1109.56	1108.96	1044.14	1087.55	3.46	ppb
Potassium	39-2	2565.76	2534.84	2509.33	2536.64	1.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	52.95	51.42	54.78	53.05	3.17	ppb
Selenium	77-2	57.05	59.64	62.72	59.80	4.74	ppb
Selenium	78-2	53.52	51.59	52.18	52.43	1.88	ppb
Silicon	28-1	52.68	57.68	64.08	58.15	9.83	ppb
Silver	107-1	51.67	51.06	54.64	52.46	3.65	ppb
Silver	109-1	51.42	51.99	55.84	53.08	4.53	ppb
Sodium	23-2	5452.73	5316.21	5433.03	5400.65	1.37	ppb
Strontium	86-1	531.45	511.37	548.38	530.40	3.49	ppb
Strontium	88-1	515.11	501.65	537.24	518.00	3.47	ppb
Sulfur	34-1	1586.05	1386.02	1889.41	1620.50	15.64	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	48.83	49.66	51.69	50.06	2.93	ppb
Thallium	205-1	48.71	49.64	51.82	50.06	3.19	ppb
Tin	118-1	51.18	49.71	54.22	51.70	4.45	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.18	257.79	264.72	257.90	2.63	ppb
Uranium	238-1	46.85	47.73	49.44	48.01	2.74	ppb
Vanadium	51-2	49.80	48.35	49.46	49.20	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	524.76	498.38	501.71	508.29	2.83	ppb
Zirconium	90-1	494.03	488.86	523.33	502.07	3.70	ppb
Zirconium	91-1	499.92	481.97	516.61	499.50	3.47	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:36:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2536.64	2441.66	2555.48	2511.26	2.43	ppb
Antimony	121-1	126.59	127.68	122.30	125.52	2.27	ppb
Arsenic	75-2	127.38	121.68	129.87	126.31	3.33	ppb
Barium	135-1	636.05	655.67	622.76	638.16	2.59	ppb
Barium	137-1	649.48	659.31	625.56	644.79	2.69	ppb
Beryllium	9-1	123.24	129.34	129.31	127.30	2.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	118.78	131.25	133.63	127.88	6.24	ppb
Boron	11-1	126.89	139.45	138.67	135.00	5.21	ppb
Bromine	81-1						cps
Cadmium	111-1	129.83	132.24	125.31	129.13	2.72	ppb
Cadmium	106-1	130.51	131.45	121.67	127.88	4.22	ppb
Cadmium	108-1	131.13	130.41	123.83	128.45	3.13	ppb
Calcium	43-1	13415.05	13893.57	13605.38	13638.00	1.77	ppb
Calcium	44-1	13170.06	13799.03	13357.14	13442.08	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.99	116.67	123.75	120.80	3.05	ppb
Cobalt	59-2	126.17	120.40	126.55	124.37	2.77	ppb
Copper	63-2	1279.84	1229.70	1306.00	1271.85	3.05	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	6620.04	6219.02	6580.61	6473.22	3.41	ppb
Iron	56-2	6758.09	6198.88	6548.34	6501.77	4.34	ppb
Iron	57-2	6308.38	5931.80	6314.82	6185.00	3.55	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:36:38	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	628.59	632.32	655.34	638.75	2.27	ppb
Lead	207-1	622.41	622.53	646.66	630.54	2.21	ppb
Lead	208-1	621.41	620.59	631.70	624.56	0.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	13271.70	12816.28	13281.33	13123.10	2.03	ppb
Manganese	55-2	1314.32	1220.29	1282.80	1272.47	3.76	ppb
Molybdenum	94-1	629.56	640.11	651.49	640.39	1.71	ppb
Molybdenum	95-1	636.92	652.43	652.68	647.34	1.39	ppb
Molybdenum	96-1	632.99	635.60	651.76	640.12	1.59	ppb
Molybdenum	97-1	636.01	635.56	641.88	637.82	0.55	ppb
Molybdenum	98-1	627.42	646.42	624.77	632.87	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.07	116.96	122.74	121.26	3.12	ppb
Phosphorus	31-2	2544.18	2474.53	2624.76	2547.82	2.95	ppb
Potassium	39-2	6308.98	6136.91	6413.24	6286.38	2.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	130.80	132.25	133.67	132.24	1.09	ppb
Selenium	77-2	108.24	111.00	130.27	116.50	10.30	ppb
Selenium	78-2	130.17	124.75	132.54	129.15	3.09	ppb
Silicon	28-1	125.64	135.07	132.46	131.06	3.71	ppb
Silver	107-1	134.81	131.37	128.94	131.71	2.24	ppb
Silver	109-1	132.06	134.89	126.76	131.24	3.15	ppb
Sodium	23-2	12896.21	12494.97	12773.57	12721.58	1.62	ppb
Strontium	86-1	1275.66	1275.50	1284.37	1278.51	0.40	ppb
Strontium	88-1	1257.57	1273.73	1290.61	1273.97	1.30	ppb
Sulfur	34-1	3007.56	3508.77	3283.63	3266.65	7.68	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	118.74	122.02	125.49	122.08	2.76	ppb
Thallium	205-1	124.65	127.28	130.17	127.37	2.17	ppb
Tin	118-1	127.81	126.26	122.88	125.65	2.01	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:36:38	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	624.72	639.45	617.82	627.33	1.76	ppb
Uranium	238-1	118.38	122.68	121.22	120.76	1.81	ppb
Vanadium	51-2	123.39	116.83	121.57	120.60	2.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1274.92	1212.55	1277.94	1255.14	2.94	ppb
Zirconium	90-1	1272.87	1300.65	1298.96	1290.83	1.21	ppb
Zirconium	91-1	1233.01	1276.88	1285.12	1265.00	2.21	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4983.21	5112.36	5013.15	5036.24	1.34	ppb
Antimony	121-1	272.30	259.79	252.75	261.61	3.78	ppb
Arsenic	75-2	253.20	260.70	254.31	256.07	1.58	ppb
Barium	135-1	1329.29	1308.34	1258.51	1298.71	2.80	ppb
Barium	137-1	1323.06	1308.97	1263.37	1298.47	2.40	ppb
Beryllium	9-1	273.00	259.53	248.82	260.45	4.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	253.95	253.17	259.15	255.42	1.27	ppb
Boron	11-1	268.23	266.96	266.11	267.10	0.40	ppb
Bromine	81-1						cps
Cadmium	111-1	269.30	262.03	258.47	263.27	2.10	ppb
Cadmium	106-1	270.80	266.79	256.80	264.80	2.72	ppb
Cadmium	108-1	268.54	269.33	252.27	263.38	3.66	ppb
Calcium	43-1	30168.88	27482.01	27774.09	28474.99	5.18	ppb
Calcium	44-1	29281.02	27216.21	27197.41	27898.21	4.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238.97	247.54	241.58	242.70	1.81	ppb
Cobalt	59-2	256.96	260.13	253.04	256.71	1.38	ppb
Copper	63-2	2505.57	2595.80	2519.52	2540.30	1.91	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				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	13230.45	13420.61	13598.40	13416.49	1.37	ppb
Iron	56-2	12822.75	13222.14	13021.39	13022.10	1.53	ppb
Iron	57-2	12339.68	12731.51	12403.34	12491.51	1.68	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1332.30	1270.74	1251.35	1284.80	3.29	ppb
Lead	207-1	1348.04	1257.57	1244.56	1283.39	4.39	ppb
Lead	208-1	1344.64	1251.91	1238.21	1278.26	4.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	25991.10	25957.15	26018.07	25988.78	0.12	ppb
Manganese	55-2	2531.13	2539.04	2541.30	2537.16	0.21	ppb
Molybdenum	94-1	1384.34	1278.37	1235.54	1299.42	5.89	ppb
Molybdenum	95-1	1390.83	1276.73	1229.33	1298.96	6.39	ppb
Molybdenum	96-1	1427.92	1267.06	1224.70	1306.56	8.21	ppb
Molybdenum	97-1	1408.30	1271.73	1255.15	1311.73	6.41	ppb
Molybdenum	98-1	1380.97	1263.86	1224.41	1289.75	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	241.71	250.04	243.92	245.23	1.76	ppb
Phosphorus	31-2	4954.40	5373.43	5028.71	5118.84	4.37	ppb
Potassium	39-2	12348.20	12718.21	12612.10	12559.50	1.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	288.74	260.40	252.37	267.17	7.15	ppb
Selenium	77-2	243.71	243.03	255.75	247.50	2.89	ppb
Selenium	78-2	260.92	268.23	254.00	261.05	2.73	ppb
Silicon	28-1	281.65	265.98	265.70	271.11	3.37	ppb
Silver	107-1	277.54	266.15	256.44	266.71	3.96	ppb
Silver	109-1	270.89	272.63	258.52	267.35	2.88	ppb
Sodium	23-2	25632.58	25966.95	26015.55	25871.69	0.81	ppb
Strontium	86-1	2860.96	2532.56	2444.75	2612.75	8.40	ppb
Strontium	88-1	2841.64	2526.96	2458.36	2608.99	7.83	ppb
Sulfur	34-1	8400.68	6304.29	6327.95	7010.97	17.17	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	277.41	255.41	251.56	261.46	5.33	ppb
Thallium	205-1	277.60	247.74	244.66	256.67	7.09	ppb
Tin	118-1	266.60	264.65	254.11	261.79	2.57	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1353.95	1280.96	1253.09	1296.00	4.02	ppb
Uranium	238-1	272.44	241.96	240.23	251.54	7.20	ppb
Vanadium	51-2	242.24	246.56	241.51	243.44	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2437.54	2547.26	2492.80	2492.54	2.20	ppb
Zirconium	90-1	2807.20	2505.76	2443.62	2585.52	7.52	ppb
Zirconium	91-1	2773.93	2466.03	2403.34	2547.76	7.79	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9838.88	9688.27	9801.50	9776.22	0.80	ppb
Antimony	121-1	483.41	484.54	489.12	485.69	0.62	ppb
Arsenic	75-2	488.95	498.59	500.03	495.86	1.21	ppb
Barium	135-1	2407.86	2425.78	2445.85	2426.50	0.78	ppb
Barium	137-1	2454.83	2442.60	2489.66	2462.36	0.99	ppb
Beryllium	9-1	505.17	508.90	506.41	506.83	0.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	457.51	486.80	495.26	479.86	4.13	ppb
Boron	11-1	485.71	523.10	528.51	512.44	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	491.37	490.70	496.50	492.86	0.64	ppb
Cadmium	106-1	487.54	493.48	490.72	490.58	0.61	ppb
Cadmium	108-1	492.89	489.81	500.81	494.51	1.15	ppb
Calcium	43-1	54839.25	55517.70	57327.58	55894.84	2.30	ppb
Calcium	44-1	53275.86	53214.67	54971.70	53820.74	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.87	482.45	502.38	493.57	2.06	ppb
Cobalt	59-2	500.07	489.21	500.74	496.67	1.30	ppb
Copper	63-2	4916.07	4940.35	5021.50	4959.31	1.11	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	26040.65	25323.81	26214.17	25859.54	1.83	ppb
Iron	56-2	25635.21	25375.73	25807.26	25606.07	0.85	ppb
Iron	57-2	26063.17	25344.45	25773.03	25726.89	1.41	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2582.37	2448.65	2542.01	2524.34	2.72	ppb
Lead	207-1	2513.92	2493.62	2565.73	2524.42	1.47	ppb
Lead	208-1	2492.30	2488.58	2547.70	2509.53	1.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	50549.38	50247.59	50885.66	50560.88	0.63	ppb
Manganese	55-2	4938.69	4869.35	5008.05	4938.70	1.40	ppb
Molybdenum	94-1	2504.96	2473.96	2509.14	2496.02	0.77	ppb
Molybdenum	95-1	2481.92	2483.84	2521.39	2495.72	0.89	ppb
Molybdenum	96-1	2461.06	2468.93	2483.62	2471.20	0.46	ppb
Molybdenum	97-1	2492.82	2480.14	2469.89	2480.95	0.46	ppb
Molybdenum	98-1	2465.51	2483.05	2466.65	2471.74	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.36	471.12	478.95	475.14	0.82	ppb
Phosphorus	31-2	9932.71	9512.67	10054.61	9833.33	2.89	ppb
Potassium	39-2	24950.43	24024.92	24492.19	24489.18	1.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	509.57	502.06	503.92	505.18	0.77	ppb
Selenium	77-2	495.76	504.57	475.72	492.02	3.01	ppb
Selenium	78-2	488.92	501.23	498.65	496.26	1.31	ppb
Silicon	28-1	518.71	538.10	558.54	538.45	3.70	ppb
Silver	107-1	500.48	489.27	494.52	494.76	1.13	ppb
Silver	109-1	492.18	489.75	498.93	493.62	0.96	ppb
Sodium	23-2	50264.39	49649.66	50872.01	50262.02	1.22	ppb
Strontium	86-1	5014.05	4909.50	5023.66	4982.41	1.27	ppb
Strontium	88-1	5055.08	4889.50	5025.07	4989.88	1.77	ppb
Sulfur	34-1	11692.60	11605.66	12154.80	11817.69	2.50	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	516.42	495.25	505.54	505.74	2.09	ppb
Thallium	205-1	508.38	496.03	517.40	507.27	2.11	ppb
Tin	118-1	487.97	488.15	490.83	488.98	0.33	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2471.73	2462.53	2522.13	2485.46	1.29	ppb
Uranium	238-1	479.49	484.08	483.58	482.38	0.52	ppb
Vanadium	51-2	510.86	484.27	479.99	491.71	3.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	5040.88	4919.73	5084.08	5014.90	1.70	ppb
Zirconium	90-1	4930.42	4908.45	4987.34	4942.07	0.82	ppb
Zirconium	91-1	5017.90	5007.01	5036.57	5020.49	0.30	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20140.83	19694.58	20684.84	20173.42	2.46	ppb
Antimony	121-1	1002.37	986.36	1023.63	1004.12	1.86	ppb
Arsenic	75-2	976.22	997.54	1027.22	1000.33	2.56	ppb
Barium	135-1	5085.77	4938.87	5043.62	5022.75	1.51	ppb
Barium	137-1	5118.48	4889.51	5003.16	5003.72	2.29	ppb
Beryllium	9-1	1007.67	967.06	1006.24	993.66	2.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	972.05	1007.85	1045.29	1008.40	3.63	ppb
Boron	11-1	958.24	965.96	1040.14	988.11	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	996.18	988.04	1014.46	999.56	1.35	ppb
Cadmium	106-1	1007.75	989.08	1004.63	1000.48	1.00	ppb
Cadmium	108-1	996.70	989.12	1010.71	998.84	1.10	ppb
Calcium	43-1	112522.81	111320.28	108537.07	110793.38	1.85	ppb
Calcium	44-1	107311.78	106391.85	105955.98	106553.21	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.44	997.10	1029.29	1005.61	2.07	ppb
Cobalt	59-2	974.46	989.74	1035.94	1000.05	3.20	ppb
Copper	63-2	9976.43	9908.15	10133.25	10005.94	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				110		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	52641.05	51378.49	53383.33	52467.62	1.93	ppb
Iron	56-2	51814.09	49980.89	53269.84	51688.27	3.19	ppb
Iron	57-2	51963.18	50055.08	52589.86	51536.04	2.56	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4945.71	4918.71	5066.68	4977.03	1.58	ppb
Lead	207-1	5030.56	4933.43	4972.34	4978.78	0.98	ppb
Lead	208-1	5014.04	4937.97	5011.68	4987.90	0.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	100928.79	99500.82	102759.34	101062.98	1.62	ppb
Manganese	55-2	10054.59	9635.27	10365.37	10018.41	3.66	ppb
Molybdenum	94-1	5075.76	4944.13	4942.55	4987.48	1.53	ppb
Molybdenum	95-1	5082.62	4945.29	4931.88	4986.60	1.67	ppb
Molybdenum	96-1	5050.05	4956.71	4986.64	4997.80	0.95	ppb
Molybdenum	97-1	5024.66	4967.83	4984.17	4992.22	0.59	ppb
Molybdenum	98-1	5030.44	4958.54	5018.90	5002.63	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1019.22	970.76	1052.29	1014.09	4.04	ppb
Phosphorus	31-2	19690.61	19539.47	20899.71	20043.27	3.72	ppb
Potassium	39-2	49799.52	48347.63	51226.10	49791.09	2.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	992.80	982.36	1001.03	992.06	0.94	ppb
Selenium	77-2	942.22	1032.39	1040.97	1005.20	5.44	ppb
Selenium	78-2	975.77	997.27	1022.34	998.46	2.33	ppb
Silicon	28-1	956.34	974.93	991.72	974.33	1.82	ppb
Silver	107-1	993.18	992.45	1006.82	997.48	0.81	ppb
Silver	109-1	1007.48	979.85	1006.44	997.92	1.57	ppb
Sodium	23-2	101014.98	98784.35	102325.06	100708.13	1.78	ppb
Strontium	86-1	10013.46	9904.57	10008.54	9975.52	0.62	ppb
Strontium	88-1	10134.80	9835.40	9951.55	9973.92	1.51	ppb
Sulfur	34-1	18300.48	18205.83	18878.35	18461.56	1.97	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	981.41	975.08	1027.39	994.63	2.87	ppb
Thallium	205-1	985.85	979.31	1018.04	994.40	2.08	ppb
Tin	118-1	1017.10	989.53	1000.57	1002.40	1.38	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5026.37	4946.20	5012.68	4995.08	0.86	ppb
Uranium	238-1	1001.65	1004.23	1021.29	1009.05	1.06	ppb
Vanadium	51-2	982.43	1007.90	1028.80	1006.38	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	9916.84	9826.70	10236.54	9993.36	2.16	ppb
Zirconium	90-1	9973.79	9966.92	10066.42	10002.38	0.56	ppb
Zirconium	91-1	10168.61	9852.37	9906.90	9975.96	1.69	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100188.63	101376.76	98390.67	99985.35	1.50	ppb
Antimony	121-1	0.59	0.58	0.65	0.61	6.39	ppb
Arsenic	75-2	0.34	0.42	0.34	0.37	12.12	ppb
Barium	135-1	2.32	2.25	2.36	2.31	2.60	ppb
Barium	137-1	2.34	2.37	2.33	2.34	0.81	ppb
Beryllium	9-1	0.14	0.12	0.14	0.13	8.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Boron	10-1	101.22	93.34	85.11	93.23	8.64	ppb
Boron	11-1	110.11	97.35	90.08	99.18	10.23	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.38	0.48	0.41	13.34	ppb
Cadmium	106-1	0.92	1.34	2.11	1.46	41.29	ppb
Cadmium	108-1	0.41	0.82	0.71	0.64	33.39	ppb
Calcium	43-1	499747.96	498431.47	492950.35	497043.26	0.73	ppb
Calcium	44-1	503671.35	502239.65	488490.64	498133.88	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.40	3.40	3.35	3.38	0.77	ppb
Cobalt	59-2	2.33	2.31	2.31	2.32	0.56	ppb
Copper	63-2	3.14	2.91	2.90	2.98	4.50	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				106		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	250705.62	248595.12	248802.98	249367.91	0.47	ppb
Iron	56-2	248915.93	255037.13	244750.16	249567.74	2.07	ppb
Iron	57-2	249881.96	249004.69	249978.83	249621.83	0.21	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.00	2.10	1.91	2.00	4.64	ppb
Lead	207-1	2.10	2.09	1.94	2.04	4.29	ppb
Lead	208-1	2.02	2.06	1.94	2.00	3.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	498385.36	497861.78	502737.95	499661.70	0.54	ppb
Manganese	55-2	11.54	11.54	11.40	11.50	0.69	ppb
Molybdenum	94-1	1.88	1.86	1.79	1.84	2.57	ppb
Molybdenum	95-1	1.83	1.73	1.69	1.75	4.01	ppb
Molybdenum	96-1	3.77	3.62	3.53	3.64	3.29	ppb
Molybdenum	97-1	1.79	1.66	1.50	1.65	8.70	ppb
Molybdenum	98-1	1.70	1.59	1.49	1.59	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.76	3.72	3.88	3.79	2.23	ppb
Phosphorus	31-2	23.31	35.34	16.95	25.20	37.05	ppb
Potassium	39-2	249980.48	248674.39	251611.19	250088.69	0.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.41	1.28	0.94	1.21	20.09	ppb
Selenium	77-2	0.15	-0.36	0.66	0.15	338.98	ppb
Selenium	78-2	0.53	0.43	0.41	0.46	13.90	ppb
Silicon	28-1	57.34	46.25	62.83	55.47	15.23	ppb
Silver	107-1	0.33	0.29	0.31	0.31	5.06	ppb
Silver	109-1	0.31	0.33	0.31	0.32	3.31	ppb
Sodium	23-2	504073.39	499222.04	496041.64	499779.03	0.81	ppb
Strontium	86-1	4.59	4.50	4.61	4.57	1.31	ppb
Strontium	88-1	4.71	4.50	4.63	4.61	2.25	ppb
Sulfur	34-1	-2997.62	-2756.40	-2934.99	-2896.34		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.23	0.25	0.23	4.41	ppb
Thallium	205-1	0.25	0.26	0.22	0.25	8.89	ppb
Tin	118-1	0.36	0.24	0.28	0.29	19.56	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.86	0.76	0.82	0.81	6.35	ppb
Uranium	238-1	0.16	0.18	0.17	0.17	4.55	ppb
Vanadium	51-2	0.29	0.30	0.29	0.29	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	37.35	36.48	36.49	36.77	1.36	ppb
Zirconium	90-1	2.90	2.66	2.76	2.77	4.38	ppb
Zirconium	91-1	3.14	2.68	3.13	2.98	8.76	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.28	484.59	482.73	483.53	0.20	ppb
Antimony	121-1	201.93	198.49	200.04	200.15	0.86	ppb
Arsenic	75-2	202.32	203.17	201.01	202.17	0.54	ppb
Barium	135-1	99.59	98.16	99.37	99.04	0.78	ppb
Barium	137-1	98.93	101.48	100.97	100.46	1.34	ppb
Beryllium	9-1	99.33	96.26	95.65	97.08	2.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	162.98	168.17	169.18	166.77	2.00	ppb
Boron	11-1	172.94	179.00	184.11	178.69	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	103.41	103.18	103.61	103.40	0.21	ppb
Cadmium	106-1	107.20	109.41	111.20	109.27	1.83	ppb
Cadmium	108-1	109.50	113.03	109.25	110.59	1.91	ppb
Calcium	43-1	1919.34	1959.96	1961.40	1946.90	1.23	ppb
Calcium	44-1	1942.30	1999.95	2007.75	1983.33	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.53	94.15	94.32	94.33	0.20	ppb
Cobalt	59-2	99.38	97.47	97.43	98.10	1.14	ppb
Copper	63-2	95.33	96.57	97.00	96.30	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	54-2	2045.62	2037.14	2040.42	2041.06	0.21	ppb
Iron	56-2	2030.58	1991.98	2011.10	2011.22	0.96	ppb
Iron	57-2	1941.82	1915.39	1926.34	1927.85	0.69	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	219.99	229.20	217.08	222.09	2.85	ppb
Lead	207-1	197.82	203.81	200.08	200.57	1.51	ppb
Lead	208-1	210.25	217.38	211.86	213.16	1.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	1141.19	1126.65	1138.90	1135.58	0.69	ppb
Manganese	55-2	96.64	96.84	96.29	96.59	0.29	ppb
Molybdenum	94-1	786.39	781.82	810.09	792.77	1.91	ppb
Molybdenum	95-1	779.60	792.42	819.11	797.05	2.53	ppb
Molybdenum	96-1	780.44	779.55	804.38	788.13	1.79	ppb
Molybdenum	97-1	797.53	783.25	805.34	795.37	1.41	ppb
Molybdenum	98-1	768.93	786.79	801.77	785.83	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.56	107.21	107.15	107.31	0.20	ppb
Phosphorus	31-2	8.27	8.34	17.01	11.21	44.84	ppb
Potassium	39-2	1910.47	1859.18	1872.35	1880.66	1.42	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	200.70	204.03	206.39	203.71	1.40	ppb
Selenium	77-2	211.91	187.06	211.17	203.38	6.95	ppb
Selenium	78-2	208.76	204.70	203.56	205.68	1.33	ppb
Silicon	28-1	9.75	18.16	21.71	16.54	37.14	ppb
Silver	107-1	49.28	49.88	49.29	49.48	0.70	ppb
Silver	109-1	49.49	49.37	49.58	49.48	0.21	ppb
Sodium	23-2	1950.06	1953.12	1970.30	1957.83	0.56	ppb
Strontium	86-1	156.29	159.10	159.44	158.28	1.09	ppb
Strontium	88-1	160.07	160.04	161.40	160.50	0.49	ppb
Sulfur	34-1	-3954.62	-3690.19	-3736.23	-3793.68		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	210.33	213.92	211.63	211.96	0.86	ppb
Thallium	205-1	209.35	216.23	207.82	211.13	2.12	ppb
Tin	118-1	157.60	154.13	162.05	157.93	2.52	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	761.65	765.41	754.55	760.54	0.72	ppb
Uranium	238-1	145.76	146.62	147.06	146.48	0.45	ppb
Vanadium	51-2	94.47	93.03	93.41	93.64	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	180.06	180.11	182.37	180.85	0.73	ppb
Zirconium	90-1	1520.12	1562.11	1562.97	1548.40	1.58	ppb
Zirconium	91-1	1489.04	1512.22	1537.84	1513.03	1.61	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.43	20.67	21.20	21.10	1.85	ppb
Antimony	121-1	1.91	1.98	1.97	1.95	2.05	ppb
Arsenic	75-2	1.02	0.91	1.09	1.01	9.01	ppb
Barium	135-1	9.61	9.73	9.64	9.66	0.63	ppb
Barium	137-1	9.90	9.81	9.96	9.89	0.76	ppb
Beryllium	9-1	0.99	0.99	0.95	0.98	2.27	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	31.41	32.10	31.36	31.62	1.31	ppb
Boron	11-1	32.56	34.47	33.67	33.57	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	0.97	0.81	0.94	12.86	ppb
Cadmium	106-1	1.23	1.56	-0.89	0.63	209.51	ppb
Cadmium	108-1	0.74	1.10	1.19	1.01	23.53	ppb
Calcium	43-1	461.70	452.09	467.98	460.59	1.74	ppb
Calcium	44-1	469.13	468.12	477.59	471.61	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.91	1.88	1.90	0.92	ppb
Cobalt	59-2	0.97	0.91	0.96	0.95	3.16	ppb
Copper	63-2	1.83	1.77	1.76	1.79	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				112		%
Iron	54-2	52.12	53.08	52.12	52.44	1.05	ppb
Iron	56-2	51.00	51.20	51.29	51.16	0.29	ppb
Iron	57-2	50.54	46.94	47.75	48.41	3.90	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.98	0.94	0.96	1.75	ppb
Lead	207-1	1.03	0.97	0.97	0.99	3.36	ppb
Lead	208-1	0.97	0.95	0.94	0.96	1.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	488.31	484.82	479.88	484.34	0.87	ppb
Manganese	55-2	0.98	1.01	1.02	1.00	1.74	ppb
Molybdenum	94-1	5.10	4.78	4.77	4.89	3.83	ppb
Molybdenum	95-1	4.98	4.79	5.07	4.95	2.90	ppb
Molybdenum	96-1	4.84	4.75	4.85	4.81	1.20	ppb
Molybdenum	97-1	4.82	4.69	4.94	4.81	2.60	ppb
Molybdenum	98-1	4.98	4.79	4.92	4.90	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.00	0.96	1.02	7.23	ppb
Phosphorus	31-2	-11.19	-5.31	2.77	-4.57		ppb
Potassium	39-2	482.08	470.77	467.15	473.33	1.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	82-1	5.22	5.48	4.93	5.21	5.28	ppb
Selenium	77-2	5.09	2.11	5.48	4.23	43.63	ppb
Selenium	78-2	6.04	4.49	6.19	5.57	16.84	ppb
Silicon	28-1	2.30	1.79	4.41	2.83	49.10	ppb
Silver	107-1	0.93	0.98	0.96	0.96	2.63	ppb
Silver	109-1	0.89	1.01	0.94	0.94	6.38	ppb
Sodium	23-2	507.05	508.76	493.26	503.02	1.69	ppb
Strontium	86-1	1.09	0.90	1.10	1.03	10.77	ppb
Strontium	88-1	1.09	1.06	1.06	1.07	1.95	ppb
Sulfur	34-1	-3542.04	-3420.86	-3174.07	-3378.99		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.92	1.05	0.91	0.96	8.00	ppb
Thallium	205-1	0.93	1.00	0.93	0.95	4.08	ppb
Tin	118-1	4.56	4.54	4.51	4.54	0.51	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.76	4.81	4.85	4.81	0.98	ppb
Uranium	238-1	0.85	0.85	0.87	0.85	1.24	ppb
Vanadium	51-2	4.81	4.73	4.87	4.80	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	2.40	2.42	2.29	2.37	2.93	ppb
Zirconium	90-1	9.17	8.94	9.25	9.12	1.76	ppb
Zirconium	91-1	9.87	9.49	9.05	9.47	4.29	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : ICB43 Instrumnet Name : P8
 Client Sample ID : ICB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:36:58 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.75	0.58	0.70	14.34	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.75	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	116.15	ppb
Barium	135-1	0.00	0.01	0.00	0.01	46.96	ppb
Barium	137-1	0.02	0.01	0.01	0.01	56.06	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				111		%
Bismuth	209-2				113		%
Boron	10-1	8.19	8.11	8.17	8.15	0.54	ppb
Boron	11-1	9.03	9.04	8.78	8.95	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.08	0.17	0.08	109.93	ppb
Cadmium	106-1	-0.28	1.13	2.08	0.98	121.72	ppb
Cadmium	108-1	-0.07	-0.01	-0.11	-0.06		ppb
Calcium	43-1	0.30	0.37	-0.09	0.19	127.37	ppb
Calcium	44-1	5.19	5.27	5.80	5.42	6.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.42	0.46	0.46	0.45	5.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				115		%
Iron	54-2	0.01	-0.17	-0.12	-0.10		ppb
Iron	56-2	0.16	0.23	0.24	0.21	19.82	ppb
Iron	57-2	-0.89	-0.95	-0.17	-0.67		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:36:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	5.48	ppb
Lead	207-1	0.05	0.04	0.05	0.04	11.12	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.86	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.57	-0.30	-0.38	-0.42		ppb
Manganese	55-2	0.03	0.01	0.02	0.02	65.11	ppb
Molybdenum	94-1	0.04	0.00	0.04	0.03	79.31	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	18.96	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	25.88	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	107.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.04	0.03	45.88	ppb
Phosphorus	31-2	-1.27	1.69	4.85	1.76	174.11	ppb
Potassium	39-2	-7.64	-7.80	-11.10	-8.85		ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	0.10	-0.34	-0.14	-0.13		ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.77	0.84	-0.21	0.47	125.92	ppb
Silicon	28-1	-10.26	-8.97	-8.49	-9.24		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	-5.79	-2.96	-4.76	-4.50		ppb
Strontium	86-1	0.02	-0.01	0.01	0.01	253.78	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	40.90	ppb
Sulfur	34-1	-2916.32	-2790.69	-2511.50	-2739.50		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.01	0.02	0.02	47.15	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	30.78	ppb
Tin	118-1	-0.24	-0.24	-0.24	-0.24		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:36:58	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.01	-0.03	-0.02		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				117		%
Zinc	66-2	0.66	0.40	0.38	0.48	31.45	ppb
Zirconium	90-1	-0.01	0.03	-0.02	0.00	1165.01	ppb
Zirconium	91-1	0.18	0.03	0.10	0.10	74.16	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:39:59	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94222.34	107367.58	105438.63	102342.85	6.94	ppb
Antimony	121-1	1.11	1.03	1.13	1.09	4.83	ppb
Arsenic	75-2	0.27	0.34	0.34	0.31	12.37	ppb
Barium	135-1	1.40	1.30	1.41	1.37	4.42	ppb
Barium	137-1	1.41	1.37	1.42	1.40	2.09	ppb
Beryllium	9-1	0.26	0.26	0.27	0.26	2.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	7.13	7.00	7.10	7.07	0.91	ppb
Boron	11-1	7.58	7.52	7.27	7.45	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.35	0.18	0.36	50.12	ppb
Cadmium	106-1	1.01	0.01	-1.92	-0.30		ppb
Cadmium	108-1	10.13	9.72	10.16	10.00	2.46	ppb
Calcium	43-1	93876.58	94260.72	96516.39	94884.56	1.50	ppb
Calcium	44-1	93395.37	93122.68	94501.43	93673.16	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.58	21.22	20.83	20.21	7.04	ppb
Cobalt	59-2	1.10	1.29	1.27	1.22	8.34	ppb
Copper	63-2	7.08	8.20	8.19	7.82	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	101201.31	114356.13	112690.55	109416.00	6.55	ppb
Iron	56-2	98928.40	113246.41	111458.90	107877.90	7.23	ppb
Iron	57-2	99749.19	111879.11	109204.67	106944.32	5.96	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:39:59	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.46	4.50	4.44	4.47	0.72	ppb
Lead	207-1	4.09	4.08	4.20	4.13	1.53	ppb
Lead	208-1	4.14	4.15	4.21	4.17	0.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	94363.41	106533.32	105026.86	101974.53	6.51	ppb
Manganese	55-2	7.06	8.33	8.30	7.90	9.21	ppb
Molybdenum	94-1	1274.13	1292.50	1330.77	1299.13	2.22	ppb
Molybdenum	95-1	1838.16	1893.07	1927.86	1886.36	2.40	ppb
Molybdenum	96-1	1788.63	1806.49	1816.69	1803.93	0.79	ppb
Molybdenum	97-1	1898.29	1839.84	1898.22	1878.79	1.80	ppb
Molybdenum	98-1	1890.65	1879.56	1917.88	1896.03	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.16	5.86	5.93	5.65	7.54	ppb
Phosphorus	31-2	157100.25	177097.09	173936.70	169378.01	6.35	ppb
Potassium	39-2	94983.03	108523.79	106124.46	103210.43	7.00	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	82-1	0.30	-0.25	0.52	0.19	205.99	ppb
Selenium	77-2	0.12	-0.36	-0.36	-0.20		ppb
Selenium	78-2	0.83	0.47	0.27	0.52	53.27	ppb
Silicon	28-1	30.03	33.83	35.05	32.97	7.94	ppb
Silver	107-1	0.03	0.02	0.03	0.02	18.39	ppb
Silver	109-1	0.03	0.01	0.02	0.02	43.33	ppb
Sodium	23-2	99022.63	113871.07	109785.82	107559.84	7.13	ppb
Strontium	86-1	33.08	33.35	34.41	33.61	2.08	ppb
Strontium	88-1	33.94	33.27	34.03	33.74	1.23	ppb
Sulfur	34-1	154573.59	152702.72	150484.90	152587.07	1.34	ppb
Terbium	159-1				115		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.04	0.03	35.53	ppb
Thallium	205-1	0.03	0.03	0.05	0.04	24.84	ppb
Tin	118-1	-0.14	-0.14	-0.14	-0.14		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:39:59	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1987.24	1939.71	1926.43	1951.13	1.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.57	ppb
Vanadium	51-2	0.14	0.15	0.16	0.15	6.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	11.68	12.97	12.83	12.49	5.66	ppb
Zirconium	90-1	0.14	0.10	0.16	0.13	23.73	ppb
Zirconium	91-1	0.26	0.09	0.27	0.21	48.77	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:42:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94705.59	91334.78	92439.72	92826.70	1.85	ppb
Antimony	121-1	20.04	19.61	20.00	19.88	1.18	ppb
Arsenic	75-2	20.41	19.95	20.46	20.27	1.37	ppb
Barium	135-1	21.30	20.46	20.27	20.68	2.64	ppb
Barium	137-1	21.63	20.57	20.26	20.82	3.46	ppb
Beryllium	9-1	19.29	18.96	19.37	19.21	1.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	67.69	65.40	69.62	67.57	3.13	ppb
Boron	11-1	73.48	70.62	74.84	72.98	2.95	ppb
Bromine	81-1						cps
Cadmium	111-1	20.31	19.49	19.15	19.65	3.03	ppb
Cadmium	106-1	23.84	23.18	23.47	23.50	1.41	ppb
Cadmium	108-1	29.79	31.64	28.32	29.92	5.56	ppb
Calcium	43-1	96981.04	95007.56	96318.18	96102.26	1.05	ppb
Calcium	44-1	93847.04	92816.97	92973.08	93212.36	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.43	37.45	37.09	37.32	0.54	ppb
Cobalt	59-2	20.28	19.94	19.77	20.00	1.31	ppb
Copper	63-2	26.01	25.65	25.15	25.60	1.68	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				114		%
Holmium	165-2				115		%
Indium	115-1				113		%
Indium	115-2				112		%
Iron	54-2	101469.31	99790.77	98515.55	99925.21	1.48	ppb
Iron	56-2	100435.27	99383.46	98285.01	99367.91	1.08	ppb
Iron	57-2	101386.45	95585.94	96115.55	97695.98	3.28	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:42:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.03	23.75	24.18	23.99	0.90	ppb
Lead	207-1	23.67	22.41	23.26	23.11	2.79	ppb
Lead	208-1	23.31	22.26	23.08	22.88	2.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	93223.09	91621.93	93227.70	92690.91	1.00	ppb
Manganese	55-2	25.81	26.01	25.39	25.74	1.24	ppb
Molybdenum	94-1	1404.32	1413.40	1365.48	1394.40	1.83	ppb
Molybdenum	95-1	1894.89	1929.17	1891.01	1905.02	1.10	ppb
Molybdenum	96-1	1863.64	1855.97	1830.38	1850.00	0.94	ppb
Molybdenum	97-1	1938.75	1964.88	1881.51	1928.38	2.21	ppb
Molybdenum	98-1	1921.40	1943.26	1877.77	1914.14	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.56	23.07	23.43	23.35	1.07	ppb
Phosphorus	31-2	155930.77	153669.64	151664.80	153755.07	1.39	ppb
Potassium	39-2	95451.71	93929.75	94051.38	94477.61	0.90	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	82-1	19.46	19.97	19.33	19.59	1.72	ppb
Selenium	77-2	19.51	22.98	16.87	19.79	15.48	ppb
Selenium	78-2	20.96	18.59	19.27	19.61	6.21	ppb
Silicon	28-1	70.25	67.07	72.11	69.81	3.65	ppb
Silver	107-1	18.71	17.98	18.05	18.25	2.20	ppb
Silver	109-1	18.40	18.18	18.05	18.21	0.96	ppb
Sodium	23-2	100160.08	96530.40	98627.68	98439.39	1.85	ppb
Strontium	86-1	82.32	81.63	81.56	81.84	0.51	ppb
Strontium	88-1	82.21	81.69	82.65	82.19	0.58	ppb
Sulfur	34-1	147651.97	146467.04	146575.24	146898.08	0.45	ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	20.33	19.79	20.16	20.09	1.39	ppb
Thallium	205-1	19.58	19.52	20.27	19.79	2.08	ppb
Tin	118-1	47.91	46.58	45.99	46.82	2.10	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:42:55	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1952.67	1970.95	1941.70	1955.11	0.76	ppb
Uranium	238-1	47.73	45.72	46.66	46.70	2.15	ppb
Vanadium	51-2	19.07	18.82	18.74	18.88	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	26.70	27.17	26.38	26.75	1.50	ppb
Zirconium	90-1	472.78	473.76	470.00	472.18	0.41	ppb
Zirconium	91-1	474.30	476.67	454.74	468.57	2.57	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:45:48	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48750.85	47666.56	48087.54	48168.32	1.13	ppb
Antimony	121-1	527.10	490.10	485.60	500.93	4.55	ppb
Arsenic	75-2	511.92	489.62	518.39	506.64	2.98	ppb
Barium	135-1	2717.49	2509.65	2472.34	2566.49	5.15	ppb
Barium	137-1	2735.95	2512.00	2488.29	2578.75	5.30	ppb
Beryllium	9-1	528.95	517.60	487.15	511.23	4.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	495.92	523.62	506.86	508.80	2.74	ppb
Boron	11-1	537.30	562.60	546.97	548.96	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	548.81	528.18	505.09	527.36	4.15	ppb
Cadmium	106-1	879.54	822.75	794.02	832.10	5.23	ppb
Cadmium	108-1	720.66	654.78	661.29	678.91	5.35	ppb
Calcium	43-1	263460.16	259274.07	244561.09	255765.11	3.88	ppb
Calcium	44-1	259713.23	252223.07	239311.34	250415.88	4.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.25	478.88	481.94	480.02	0.35	ppb
Cobalt	59-2	476.14	471.38	488.50	478.67	1.85	ppb
Copper	63-2	4604.44	4520.61	4548.98	4558.01	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	54-2	122459.55	120487.64	121679.14	121542.11	0.82	ppb
Iron	56-2	122274.14	119381.15	119978.20	120544.50	1.27	ppb
Iron	57-2	118426.25	115398.62	119270.93	117698.60	1.73	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:45:48	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2788.05	2654.35	2567.93	2670.11	4.15	ppb
Lead	207-1	2787.18	2663.48	2616.65	2689.10	3.28	ppb
Lead	208-1	2752.00	2602.82	2546.25	2633.69	4.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	240460.25	236629.19	238358.36	238482.60	0.80	ppb
Manganese	55-2	4884.14	4822.52	4772.55	4826.40	1.16	ppb
Molybdenum	94-1	6171.03	5487.61	5813.35	5824.00	5.87	ppb
Molybdenum	95-1	2832.72	2542.73	2636.93	2670.79	5.54	ppb
Molybdenum	96-1	3185.64	2864.01	2956.91	3002.19	5.51	ppb
Molybdenum	97-1	2791.74	2510.03	2601.91	2634.56	5.45	ppb
Molybdenum	98-1	2787.69	2533.82	2582.28	2634.59	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.83	455.40	454.36	456.53	0.64	ppb
Phosphorus	31-2	15619.00	14968.68	15310.10	15299.26	2.13	ppb
Potassium	39-2	119111.18	118839.29	120782.16	119577.54	0.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	82-1	537.12	490.18	496.52	507.94	5.01	ppb
Selenium	77-2	508.70	469.19	528.88	502.26	6.05	ppb
Selenium	78-2	509.04	483.59	509.22	500.62	2.95	ppb
Silicon	28-1	567.60	550.07	557.14	558.27	1.58	ppb
Silver	107-1	523.03	482.95	476.49	494.16	5.10	ppb
Silver	109-1	519.41	484.97	478.53	494.30	4.45	ppb
Sodium	23-2	243398.79	234040.79	243514.14	240317.91	2.26	ppb
Strontium	86-1	2709.71	2527.14	2552.08	2596.31	3.81	ppb
Strontium	88-1	2737.02	2563.33	2574.79	2625.05	3.70	ppb
Sulfur	34-1	15418.61	12810.25	12824.70	13684.52	10.97	ppb
Terbium	159-1				116		%
Terbium	159-2				113		%
Thallium	203-1	549.85	538.85	519.19	535.97	2.90	ppb
Thallium	205-1	554.44	530.65	513.33	532.81	3.87	ppb
Tin	118-1	528.02	501.80	494.33	508.05	3.48	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:45:48	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2603.20	2505.04	2504.96	2537.73	2.23	ppb
Uranium	238-1	539.46	521.92	501.97	521.12	3.60	ppb
Vanadium	51-2	484.78	482.59	481.34	482.90	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	4741.19	4545.23	4690.06	4658.83	2.18	ppb
Zirconium	90-1	26619.19	24717.68	25503.15	25613.34	3.73	ppb
Zirconium	91-1	26902.76	24440.84	25371.24	25571.61	4.86	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB61 Instrumnet Name : P8
 Client Sample ID : CCB61 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:56:19 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.06	-0.11	0.03	659.94	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	47.37	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	114.10	ppb
Barium	135-1	0.01	0.00	0.00	0.00	97.64	ppb
Barium	137-1	0.01	0.00	0.00	0.00	151.63	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	6.58	7.62	7.21	7.14	7.35	ppb
Boron	11-1	7.25	8.22	7.96	7.81	6.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.02	0.00	-0.03		ppb
Cadmium	106-1	-0.79	-0.45	-0.19	-0.48		ppb
Cadmium	108-1	0.00	0.02	-0.07	-0.02		ppb
Calcium	43-1	-0.29	1.17	0.79	0.56	136.16	ppb
Calcium	44-1	4.18	9.30	5.66	6.38	41.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.01	0.02	65.86	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.06	0.05	33.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				115		%
Indium	115-2				108		%
Iron	54-2	1.04	0.88	0.51	0.81	33.41	ppb
Iron	56-2	0.28	0.55	0.46	0.43	32.30	ppb
Iron	57-2	-0.48	0.44	-0.67	-0.24		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:56:19	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.03	0.04	32.88	ppb
Lead	207-1	0.06	0.08	0.05	0.07	21.42	ppb
Lead	208-1	0.04	0.06	0.04	0.05	19.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.19	-0.86	0.25	-0.14		ppb
Manganese	55-2	0.01	0.00	-0.02	0.00		ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	3.12	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.13	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	44.67	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	35.78	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	18.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	57.75	ppb
Phosphorus	31-2	6.95	-9.25	-3.11	-1.80		ppb
Potassium	39-2	5.45	9.46	1.25	5.39	76.28	ppb
Rhodium	103-1				114		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	0.15	0.10	-0.19	0.02	895.44	ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.27	0.87	-0.12	0.34	147.75	ppb
Silicon	28-1	-8.67	-5.13	-8.67	-7.49		ppb
Silver	107-1	0.03	0.02	0.01	0.02	36.94	ppb
Silver	109-1	0.02	0.02	0.02	0.02	27.04	ppb
Sodium	23-2	21.53	27.33	19.08	22.65	18.70	ppb
Strontium	86-1	0.01	-0.02	-0.04	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	86.11	ppb
Sulfur	34-1	-4055.00	-3197.91	-3574.67	-3609.19		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.04	0.03	56.00	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	29.96	ppb
Tin	118-1	-0.34	-0.31	-0.34	-0.33		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:56:19	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.00	0.00	0.01	169.32	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	0.75	0.90	0.60	0.75	19.83	ppb
Zirconium	90-1	0.01	0.17	0.13	0.11	79.33	ppb
Zirconium	91-1	0.28	0.14	0.20	0.20	35.74	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:59:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.66	20.94	20.75	20.79	0.69	ppb
Antimony	121-1	2.00	1.96	2.06	2.01	2.55	ppb
Arsenic	75-2	0.99	0.93	1.04	0.99	5.47	ppb
Barium	135-1	10.41	9.89	10.15	10.15	2.56	ppb
Barium	137-1	10.42	9.64	10.23	10.10	4.03	ppb
Beryllium	9-1	1.05	0.98	1.00	1.01	3.97	ppb
Bismuth	209-1				110		%
Bismuth	209-2				112		%
Boron	10-1	25.40	27.32	28.67	27.13	6.06	ppb
Boron	11-1	28.45	28.40	30.42	29.09	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	1.12	0.98	1.05	1.05	7.12	ppb
Cadmium	106-1	2.66	2.18	1.21	2.02	36.65	ppb
Cadmium	108-1	0.90	1.23	0.68	0.94	29.66	ppb
Calcium	43-1	509.39	469.67	481.27	486.78	4.20	ppb
Calcium	44-1	505.60	461.12	480.75	482.49	4.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.01	1.91	1.97	2.71	ppb
Cobalt	59-2	1.01	1.03	0.95	1.00	4.32	ppb
Copper	63-2	1.79	1.91	1.78	1.83	3.88	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				110		%
Indium	115-1				114		%
Indium	115-2				112		%
Iron	54-2	53.94	52.34	52.56	52.95	1.63	ppb
Iron	56-2	52.47	51.89	51.22	51.86	1.20	ppb
Iron	57-2	53.27	56.34	48.08	52.56	7.94	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:59:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.05	0.94	1.05	1.02	6.27	ppb
Lead	207-1	1.09	1.03	1.09	1.07	3.13	ppb
Lead	208-1	1.06	0.97	1.02	1.01	4.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	501.00	508.55	492.68	500.74	1.58	ppb
Manganese	55-2	1.05	1.03	0.96	1.01	4.84	ppb
Molybdenum	94-1	5.00	4.75	4.94	4.90	2.63	ppb
Molybdenum	95-1	5.14	4.66	4.94	4.92	4.95	ppb
Molybdenum	96-1	5.28	4.59	4.89	4.92	7.06	ppb
Molybdenum	97-1	5.14	4.76	5.26	5.05	5.20	ppb
Molybdenum	98-1	5.05	4.64	4.94	4.88	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.15	0.99	1.05	8.08	ppb
Phosphorus	31-2	-5.82	8.12	-11.98	-3.23		ppb
Potassium	39-2	480.35	489.31	465.82	478.49	2.48	ppb
Rhodium	103-1				112		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	5.84	5.14	5.09	5.35	7.79	ppb
Selenium	77-2	1.59	5.47	4.98	4.01	52.63	ppb
Selenium	78-2	6.04	5.73	5.89	5.89	2.61	ppb
Silicon	28-1	4.27	-1.10	2.65	1.94	141.86	ppb
Silver	107-1	1.03	0.94	0.98	0.98	4.43	ppb
Silver	109-1	1.01	0.97	0.97	0.98	2.21	ppb
Sodium	23-2	519.90	524.57	504.31	516.26	2.05	ppb
Strontium	86-1	1.12	0.96	1.07	1.05	7.69	ppb
Strontium	88-1	1.14	1.05	1.11	1.10	4.12	ppb
Sulfur	34-1	-3097.53	-4009.93	-3351.26	-3486.24		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	1.05	0.98	0.98	1.00	3.97	ppb
Thallium	205-1	1.07	0.94	0.99	1.00	6.66	ppb
Tin	118-1	4.83	4.48	4.74	4.68	3.89	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:59:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.42	4.68	4.82	4.97	7.96	ppb
Uranium	238-1	0.96	0.85	0.87	0.90	6.69	ppb
Vanadium	51-2	4.91	5.06	4.71	4.90	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	2.79	2.57	2.39	2.58	7.73	ppb
Zirconium	90-1	9.93	9.45	9.67	9.68	2.47	ppb
Zirconium	91-1	10.85	8.93	9.75	9.85	9.79	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : PB139614BL Instrumnet Name : P8
 Client Sample ID : PB139614BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 13:02:46 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	1.01	0.27	0.75	56.03	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	61.93	ppb
Arsenic	75-2	0.01	0.02	-0.02	0.00	725.08	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	257.14	ppb
Barium	137-1	0.01	0.00	0.01	0.01	45.13	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				114		%
Boron	10-1	6.42	6.78	6.66	6.62	2.75	ppb
Boron	11-1	7.32	7.32	7.04	7.23	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.16	0.06	0.10	56.04	ppb
Cadmium	106-1	0.92	2.16	0.79	1.29	58.71	ppb
Cadmium	108-1	-0.07	0.03	0.00	-0.01		ppb
Calcium	43-1	-1.83	-1.01	-1.07	-1.31		ppb
Calcium	44-1	0.96	-0.16	0.59	0.46	123.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	103.43	ppb
Copper	63-2	0.03	0.04	0.03	0.03	14.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				115		%
Iron	54-2	1.52	1.99	1.01	1.50	32.69	ppb
Iron	56-2	1.26	1.72	1.22	1.40	19.86	ppb
Iron	57-2	0.00	0.55	-0.15	0.13	279.39	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BL	Instrumnet Name :	P8
Client Sample ID :	PB139614BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:02:46	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.02	0.03	47.78	ppb
Lead	207-1	0.05	0.05	0.04	0.05	10.76	ppb
Lead	208-1	0.04	0.04	0.02	0.03	30.33	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.26	2.29	0.55	1.37	63.93	ppb
Manganese	55-2	0.06	0.07	0.11	0.08	31.65	ppb
Molybdenum	94-1	0.03	0.03	0.04	0.03	32.32	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	91.66	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.01	42.96	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	122.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.03	0.02	46.30	ppb
Phosphorus	31-2	17.74	-6.58	-12.22	-0.35		ppb
Potassium	39-2	-6.40	-6.67	-3.54	-5.54		ppb
Rhodium	103-1				117		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	0.20	-0.40	-0.94	-0.38		ppb
Selenium	77-2	-0.36	0.62	-0.36	-0.04		ppb
Selenium	78-2	0.58	0.24	0.44	0.42	40.73	ppb
Silicon	28-1	-10.55	-11.98	-9.96	-10.83		ppb
Silver	107-1	0.00	0.00	0.01	0.01	86.15	ppb
Silver	109-1	0.00	0.01	0.01	0.01	53.33	ppb
Sodium	23-2	6.17	5.60	2.62	4.80	39.76	ppb
Strontium	86-1	-0.02	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3009.02	-3358.82	-2919.72	-3095.85		ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.02	0.03	0.02	21.52	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	21.36	ppb
Tin	118-1	-0.29	-0.31	-0.30	-0.30		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BL	Instrumnet Name :	P8
Client Sample ID :	PB139614BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:02:46	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.04	0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	876.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	0.45	0.31	0.34	0.37	20.20	ppb
Zirconium	90-1	0.05	0.01	0.02	0.03	83.79	ppb
Zirconium	91-1	0.10	0.03	0.08	0.07	46.39	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9848.17	9626.34	9778.83	9751.12	1.16	ppb
Antimony	121-1	488.56	495.44	497.93	493.97	0.98	ppb
Arsenic	75-2	499.01	509.21	502.38	503.53	1.03	ppb
Barium	135-1	2460.37	2474.46	2460.04	2464.96	0.33	ppb
Barium	137-1	2467.18	2445.90	2465.01	2459.36	0.48	ppb
Beryllium	9-1	489.08	496.80	503.66	496.51	1.47	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	10-1	427.61	453.58	492.04	457.75	7.08	ppb
Boron	11-1	466.79	483.61	522.14	490.85	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	490.44	509.90	513.04	504.46	2.43	ppb
Cadmium	106-1	501.87	509.12	511.47	507.49	0.99	ppb
Cadmium	108-1	501.93	500.34	508.52	503.59	0.86	ppb
Calcium	43-1	53426.80	54126.68	56058.20	54537.23	2.50	ppb
Calcium	44-1	51818.84	51969.04	52723.75	52170.54	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.88	493.81	514.71	506.80	2.24	ppb
Cobalt	59-2	504.67	508.43	507.52	506.87	0.39	ppb
Copper	63-2	4985.22	4999.52	5115.38	5033.37	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	26805.50	26105.84	27358.72	26756.68	2.35	ppb
Iron	56-2	25984.74	25936.14	26083.15	26001.34	0.29	ppb
Iron	57-2	26485.59	26019.49	26636.79	26380.62	1.22	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2494.39	2529.22	2504.59	2509.40	0.71	ppb
Lead	207-1	2482.12	2479.84	2493.48	2485.15	0.29	ppb
Lead	208-1	2475.87	2479.12	2480.25	2478.41	0.09	ppb
Lithium	6-1				107		%
Magnesium	24-2	51440.83	49988.90	50218.21	50549.31	1.54	ppb
Manganese	55-2	5130.87	4947.23	5128.02	5068.71	2.08	ppb
Molybdenum	94-1	2474.93	2477.57	2497.04	2483.18	0.49	ppb
Molybdenum	95-1	2482.89	2514.74	2474.21	2490.61	0.86	ppb
Molybdenum	96-1	2463.47	2511.14	2462.88	2479.16	1.12	ppb
Molybdenum	97-1	2412.98	2462.48	2488.08	2454.51	1.56	ppb
Molybdenum	98-1	2426.36	2477.88	2503.88	2469.37	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.20	476.99	482.26	479.48	0.55	ppb
Phosphorus	31-2	9917.05	9905.92	10375.25	10066.07	2.66	ppb
Potassium	39-2	25402.80	25285.80	25850.42	25513.01	1.17	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				112		%
Selenium	82-1	497.39	509.48	505.36	504.08	1.22	ppb
Selenium	77-2	497.99	506.82	476.07	493.63	3.21	ppb
Selenium	78-2	506.67	514.28	505.32	508.76	0.95	ppb
Silicon	28-1	535.01	531.74	572.56	546.44	4.15	ppb
Silver	107-1	497.35	508.39	508.77	504.83	1.28	ppb
Silver	109-1	503.45	500.58	503.73	502.59	0.35	ppb
Sodium	23-2	51334.75	50640.20	51287.02	51087.32	0.76	ppb
Strontium	86-1	4912.19	5063.73	5025.78	5000.57	1.58	ppb
Strontium	88-1	4970.13	5137.60	5015.18	5040.97	1.72	ppb
Sulfur	34-1	8933.74	9605.72	9748.22	9429.23	4.61	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	508.11	507.95	502.66	506.24	0.61	ppb
Thallium	205-1	504.17	502.13	495.91	500.74	0.86	ppb
Tin	118-1	498.57	502.35	494.68	498.54	0.77	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2426.22	2437.04	2476.63	2446.63	1.08	ppb
Uranium	238-1	489.25	482.07	489.97	487.09	0.90	ppb
Vanadium	51-2	505.89	501.51	506.21	504.54	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	4999.61	5050.42	5053.85	5034.62	0.60	ppb
Zirconium	90-1	4887.11	4923.40	4961.42	4923.98	0.75	ppb
Zirconium	91-1	4980.15	5019.39	5065.06	5021.53	0.85	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.96	81.53	83.61	83.37	2.07	ppb
Antimony	121-1	0.31	0.42	0.45	0.39	17.87	ppb
Arsenic	75-2	5.59	5.26	5.47	5.44	2.99	ppb
Barium	135-1	132.00	153.82	158.22	148.01	9.49	ppb
Barium	137-1	134.02	159.23	161.40	151.55	10.04	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	4.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				112		%
Boron	10-1	131.74	147.68	146.14	141.85	6.20	ppb
Boron	11-1	148.57	163.55	160.14	157.42	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.14	0.15	0.14	4.51	ppb
Cadmium	106-1	1.04	0.66	1.09	0.93	25.09	ppb
Cadmium	108-1	-0.04	0.02	0.06	0.01	369.22	ppb
Calcium	43-1	25151.18	29096.59	29097.29	27781.69	8.20	ppb
Calcium	44-1	24627.30	28655.59	29302.70	27528.53	9.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.53	1.71	1.67	1.64	5.76	ppb
Cobalt	59-2	5.93	5.93	5.90	5.92	0.28	ppb
Copper	63-2	5.26	5.27	5.18	5.23	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				116		%
Iron	54-2	34948.66	35407.77	34962.42	35106.28	0.74	ppb
Iron	56-2	34553.52	34899.13	35062.86	34838.50	0.75	ppb
Iron	57-2	35356.81	35316.06	33958.75	34877.21	2.28	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.09	1.28	1.15	1.17	7.91	ppb
Lead	207-1	1.14	1.20	1.16	1.17	2.89	ppb
Lead	208-1	1.07	1.22	1.14	1.14	6.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	10238.84	10333.03	10160.32	10244.07	0.84	ppb
Manganese	55-2	2878.14	2905.18	2889.72	2891.01	0.47	ppb
Molybdenum	94-1	0.90	1.06	0.90	0.96	9.57	ppb
Molybdenum	95-1	0.78	0.93	0.86	0.85	9.04	ppb
Molybdenum	96-1	1.05	1.22	1.20	1.16	8.22	ppb
Molybdenum	97-1	0.76	0.84	0.84	0.81	5.45	ppb
Molybdenum	98-1	0.73	0.83	0.80	0.79	6.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.15	8.29	8.14	8.20	1.03	ppb
Phosphorus	31-2	225.67	287.84	242.13	251.88	12.79	ppb
Potassium	39-2	3487.39	3476.65	3428.63	3464.22	0.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				116		%
Scandium	45-1				108		%
Scandium	45-2				115		%
Selenium	82-1	1.13	0.37	0.72	0.74	51.73	ppb
Selenium	77-2	0.59	1.54	1.04	1.06	45.18	ppb
Selenium	78-2	0.61	1.01	0.77	0.80	25.41	ppb
Silicon	28-1	6531.03	6861.51	6956.90	6783.15	3.29	ppb
Silver	107-1	0.18	0.20	0.17	0.18	6.69	ppb
Silver	109-1	0.16	0.19	0.21	0.18	13.25	ppb
Sodium	23-2	28824.00	28132.57	28978.25	28644.94	1.57	ppb
Strontium	86-1	123.97	139.95	140.35	134.76	6.93	ppb
Strontium	88-1	127.07	141.15	144.28	137.50	6.67	ppb
Sulfur	34-1	58461.74	63706.78	63742.98	61970.50	4.90	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.11	0.09	0.09	11.14	ppb
Thallium	205-1	0.10	0.10	0.07	0.09	16.04	ppb
Tin	118-1	-0.01	0.05	0.08	0.04	125.06	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.66	2.73	2.64	2.68	1.90	ppb
Uranium	238-1	0.08	0.09	0.08	0.08	3.38	ppb
Vanadium	51-2	1.32	1.30	1.21	1.28	4.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				118		%
Zinc	66-2	42.17	42.28	42.55	42.33	0.46	ppb
Zirconium	90-1	2.07	6.63	2.36	3.69	69.30	ppb
Zirconium	91-1	2.46	2.85	2.60	2.64	7.53	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.05	91.87	88.24	90.39	2.10	ppb
Antimony	121-1	0.30	0.29	0.29	0.29	2.01	ppb
Arsenic	75-2	0.91	0.85	0.96	0.91	6.17	ppb
Barium	135-1	52.49	52.10	48.00	50.86	4.89	ppb
Barium	137-1	54.20	53.03	49.55	52.26	4.63	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	12.73	ppb
Bismuth	209-1				114		%
Bismuth	209-2				112		%
Boron	10-1	96.55	101.91	97.13	98.53	2.99	ppb
Boron	11-1	109.54	110.69	110.68	110.30	0.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.11	0.06	0.11	44.63	ppb
Cadmium	106-1	1.37	0.88	0.28	0.84	64.47	ppb
Cadmium	108-1	0.03	0.10	-0.11	0.01	1574.40	ppb
Calcium	43-1	27702.41	27553.40	25123.49	26793.10	5.40	ppb
Calcium	44-1	27104.58	27105.03	24297.18	26168.93	6.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.48	0.41	0.45	7.74	ppb
Cobalt	59-2	0.29	0.29	0.24	0.27	9.39	ppb
Copper	63-2	3.16	3.04	3.08	3.09	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	54-2	413.07	427.53	421.76	420.79	1.73	ppb
Iron	56-2	420.38	419.71	415.79	418.63	0.59	ppb
Iron	57-2	424.93	413.59	412.73	417.08	1.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.44	0.41	0.43	4.29	ppb
Lead	207-1	0.45	0.50	0.43	0.46	8.19	ppb
Lead	208-1	0.43	0.46	0.40	0.43	6.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	10636.61	10956.00	10587.42	10726.68	1.87	ppb
Manganese	55-2	124.61	124.96	124.48	124.68	0.20	ppb
Molybdenum	94-1	1.00	1.03	1.04	1.02	2.09	ppb
Molybdenum	95-1	1.25	1.30	1.16	1.23	5.60	ppb
Molybdenum	96-1	1.19	1.23	1.10	1.17	5.78	ppb
Molybdenum	97-1	1.14	1.24	1.20	1.19	4.22	ppb
Molybdenum	98-1	1.23	1.21	1.15	1.20	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.20	1.27	1.24	3.11	ppb
Phosphorus	31-2	692.02	747.88	734.26	724.72	4.02	ppb
Potassium	39-2	3646.96	3606.34	3570.58	3607.96	1.06	ppb
Rhodium	103-1				116		%
Rhodium	103-2				112		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	0.36	0.92	0.47	0.58	51.74	ppb
Selenium	77-2	0.12	0.12	0.12	0.12	2.61	ppb
Selenium	78-2	0.41	0.50	1.25	0.72	63.96	ppb
Silicon	28-1	3432.95	3501.62	3234.75	3389.77	4.09	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.11	ppb
Silver	109-1	0.01	0.02	0.01	0.01	38.68	ppb
Sodium	23-2	36269.06	37858.81	36447.64	36858.50	2.36	ppb
Strontium	86-1	159.44	159.26	150.41	156.37	3.30	ppb
Strontium	88-1	164.18	160.67	154.44	159.77	3.09	ppb
Sulfur	34-1	12414.68	13119.26	10807.20	12113.71	9.78	ppb
Terbium	159-1				118		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.02	0.04	0.04	36.04	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	22.75	ppb
Tin	118-1	-0.17	-0.14	-0.18	-0.16		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.86	2.93	2.80	2.87	2.26	ppb
Uranium	238-1	0.20	0.21	0.18	0.20	7.75	ppb
Vanadium	51-2	0.89	0.92	0.88	0.90	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	32.09	30.95	31.04	31.36	2.01	ppb
Zirconium	90-1	0.91	0.83	0.81	0.85	5.75	ppb
Zirconium	91-1	1.00	0.77	0.68	0.82	20.44	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.96	70.30	67.58	67.95	3.23	ppb
Antimony	121-1	0.10	0.11	0.11	0.10	3.14	ppb
Arsenic	75-2	0.59	0.53	0.59	0.57	5.89	ppb
Barium	135-1	45.09	44.14	45.12	44.78	1.24	ppb
Barium	137-1	47.38	45.15	47.26	46.60	2.69	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	28.09	ppb
Bismuth	209-1				110		%
Bismuth	209-2				113		%
Boron	10-1	57.94	60.77	62.06	60.26	3.50	ppb
Boron	11-1	63.36	65.80	67.70	65.62	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.02	0.01	0.07	138.50	ppb
Cadmium	106-1	2.08	-0.13	-0.28	0.56	237.84	ppb
Cadmium	108-1	0.07	0.01	-0.01	0.02	176.08	ppb
Calcium	43-1	27367.65	26681.30	26943.94	26997.63	1.28	ppb
Calcium	44-1	26510.90	26085.80	26429.19	26341.97	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.22	0.27	0.24	10.34	ppb
Cobalt	59-2	0.13	0.15	0.12	0.13	10.10	ppb
Copper	63-2	1.15	1.26	1.22	1.21	4.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				114		%
Indium	115-1				119		%
Indium	115-2				114		%
Iron	54-2	144.13	155.65	149.26	149.68	3.86	ppb
Iron	56-2	145.21	150.04	142.79	146.01	2.53	ppb
Iron	57-2	142.48	149.16	149.19	146.94	2.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.22	0.22	5.75	ppb
Lead	207-1	0.24	0.21	0.22	0.22	6.33	ppb
Lead	208-1	0.22	0.20	0.21	0.21	3.84	ppb
Lithium	6-1				106		%
Magnesium	24-2	10518.80	10806.29	10343.74	10556.28	2.21	ppb
Manganese	55-2	20.97	22.13	21.28	21.46	2.81	ppb
Molybdenum	94-1	0.52	0.57	0.49	0.53	8.27	ppb
Molybdenum	95-1	0.65	0.62	0.60	0.62	4.52	ppb
Molybdenum	96-1	0.63	0.58	0.62	0.61	4.10	ppb
Molybdenum	97-1	0.53	0.64	0.64	0.60	10.99	ppb
Molybdenum	98-1	0.62	0.61	0.63	0.62	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.49	0.49	0.48	2.40	ppb
Phosphorus	31-2	30.92	48.73	20.83	33.49	42.17	ppb
Potassium	39-2	2307.60	2452.65	2339.90	2366.72	3.22	ppb
Rhodium	103-1				113		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	82-1	-0.10	0.32	0.47	0.23	129.69	ppb
Selenium	77-2	-0.36	0.13	0.11	-0.04		ppb
Selenium	78-2	0.94	0.38	-0.25	0.36	166.57	ppb
Silicon	28-1	2995.04	2881.90	2804.84	2893.93	3.31	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	27846.66	29359.76	28182.40	28462.94	2.79	ppb
Strontium	86-1	153.53	157.56	152.31	154.47	1.78	ppb
Strontium	88-1	155.16	154.75	155.57	155.16	0.26	ppb
Sulfur	34-1	8132.34	7043.80	6655.76	7277.30	10.52	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.03	0.04	0.04	18.76	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	40.40	ppb
Tin	118-1	-0.24	-0.15	-0.24	-0.21		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.40	1.80	1.26	1.49	18.96	ppb
Uranium	238-1	0.30	0.29	0.29	0.29	2.36	ppb
Vanadium	51-2	0.76	0.72	0.71	0.73	3.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	21.54	23.09	22.03	22.22	3.58	ppb
Zirconium	90-1	0.52	0.49	0.33	0.45	22.37	ppb
Zirconium	91-1	0.52	0.43	0.49	0.48	9.37	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.34	62.95	61.58	62.62	1.47	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	2.57	ppb
Arsenic	75-2	0.55	0.60	0.55	0.56	5.43	ppb
Barium	135-1	45.37	43.54	43.47	44.13	2.44	ppb
Barium	137-1	47.10	45.66	44.92	45.89	2.42	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	167.36	ppb
Bismuth	209-1				113		%
Bismuth	209-2				113		%
Boron	10-1	53.98	58.73	55.67	56.13	4.28	ppb
Boron	11-1	59.92	63.92	60.98	61.61	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.11	0.11	0.09	30.71	ppb
Cadmium	106-1	0.61	1.28	1.44	1.11	39.57	ppb
Cadmium	108-1	0.05	0.01	-0.05	0.00	1864.39	ppb
Calcium	43-1	27339.72	26926.31	26456.10	26907.38	1.64	ppb
Calcium	44-1	27243.81	26305.67	25575.41	26374.96	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.22	0.19	0.20	7.66	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	1.38	ppb
Copper	63-2	1.07	1.05	1.07	1.06	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				116		%
Indium	115-1				120		%
Indium	115-2				115		%
Iron	54-2	139.03	141.78	142.67	141.16	1.34	ppb
Iron	56-2	140.84	142.65	138.51	140.67	1.48	ppb
Iron	57-2	144.35	139.06	144.47	142.63	2.17	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.15	0.14	6.36	ppb
Lead	207-1	0.15	0.15	0.19	0.16	12.45	ppb
Lead	208-1	0.15	0.14	0.16	0.15	5.44	ppb
Lithium	6-1				107		%
Magnesium	24-2	10514.10	10609.35	10300.43	10474.63	1.51	ppb
Manganese	55-2	20.90	21.06	20.48	20.81	1.44	ppb
Molybdenum	94-1	0.51	0.40	0.44	0.45	11.62	ppb
Molybdenum	95-1	0.56	0.52	0.57	0.55	4.46	ppb
Molybdenum	96-1	0.54	0.48	0.50	0.51	5.40	ppb
Molybdenum	97-1	0.60	0.58	0.55	0.58	4.64	ppb
Molybdenum	98-1	0.53	0.51	0.51	0.52	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.42	0.37	0.39	6.84	ppb
Phosphorus	31-2	55.93	29.56	41.40	42.30	31.23	ppb
Potassium	39-2	2306.21	2328.86	2285.99	2307.02	0.93	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				115		%
Selenium	82-1	0.42	-0.04	0.59	0.32	100.92	ppb
Selenium	77-2	0.12	0.61	0.11	0.28	102.86	ppb
Selenium	78-2	0.31	0.19	0.34	0.28	28.48	ppb
Silicon	28-1	3029.56	2826.79	2817.49	2891.28	4.14	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	28319.26	28825.97	28180.71	28441.98	1.19	ppb
Strontium	86-1	154.23	151.82	148.25	151.43	1.99	ppb
Strontium	88-1	158.63	154.25	149.33	154.07	3.02	ppb
Sulfur	34-1	8323.19	7345.98	6992.33	7553.83	9.13	ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.01	0.02	0.00	0.01	105.11	ppb
Thallium	205-1	0.00	0.02	0.02	0.01	87.12	ppb
Tin	118-1	-0.24	-0.22	0.25	-0.07		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.64	2.38	1.32	1.78	30.48	ppb
Uranium	238-1	0.28	0.28	0.27	0.28	1.20	ppb
Vanadium	51-2	0.76	0.74	0.72	0.74	2.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	21.58	22.62	22.09	22.10	2.37	ppb
Zirconium	90-1	0.27	0.58	0.25	0.37	50.12	ppb
Zirconium	91-1	0.51	0.31	0.29	0.37	33.15	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.94	12.06	11.99	12.33	4.28	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	13.35	ppb
Arsenic	75-2	0.08	0.12	0.11	0.10	22.80	ppb
Barium	135-1	8.74	8.69	8.72	8.72	0.32	ppb
Barium	137-1	8.70	8.68	9.07	8.82	2.53	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	41.46	ppb
Bismuth	209-1				115		%
Bismuth	209-2				113		%
Boron	10-1	21.27	20.16	20.93	20.79	2.75	ppb
Boron	11-1	22.69	22.87	22.68	22.75	0.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	-0.09	0.10	0.04	290.96	ppb
Cadmium	106-1	0.95	-1.21	1.20	0.31	424.24	ppb
Cadmium	108-1	0.01	0.13	-0.03	0.04	232.97	ppb
Calcium	43-1	5012.12	5038.52	4923.69	4991.44	1.20	ppb
Calcium	44-1	5104.96	5052.59	5056.88	5071.48	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.05	0.04	27.92	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.30	ppb
Copper	63-2	0.30	0.23	0.26	0.26	12.91	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				116		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				115		%
Iron	54-2	34.15	28.00	29.41	30.52	10.55	ppb
Iron	56-2	28.80	28.49	40.81	32.70	21.48	ppb
Iron	57-2	28.10	26.40	27.60	27.37	3.19	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.07	0.06	20.70	ppb
Lead	207-1	0.11	0.05	0.09	0.09	36.40	ppb
Lead	208-1	0.07	0.06	0.07	0.07	6.45	ppb
Lithium	6-1				108		%
Magnesium	24-2	1972.19	2012.36	2011.77	1998.78	1.15	ppb
Manganese	55-2	4.07	4.10	4.07	4.08	0.49	ppb
Molybdenum	94-1	0.13	0.17	0.13	0.15	15.59	ppb
Molybdenum	95-1	0.15	0.18	0.17	0.17	11.19	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	3.52	ppb
Molybdenum	97-1	0.19	0.15	0.15	0.16	11.50	ppb
Molybdenum	98-1	0.17	0.14	0.14	0.15	11.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.13	0.10	0.10	28.97	ppb
Phosphorus	31-2	-3.61	15.44	-0.40	3.81	267.65	ppb
Potassium	39-2	429.92	434.61	429.96	431.50	0.63	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				113		%
Selenium	82-1	0.02	-0.22	0.28	0.03	821.09	ppb
Selenium	77-2	0.12	-0.36	0.62	0.13	389.01	ppb
Selenium	78-2	-0.24	-0.11	0.35	0.00	13261.12	ppb
Silicon	28-1	543.72	556.54	537.44	545.90	1.78	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	5443.31	5544.75	5563.66	5517.24	1.17	ppb
Strontium	86-1	28.33	29.88	28.97	29.06	2.69	ppb
Strontium	88-1	28.91	29.74	28.90	29.18	1.65	ppb
Sulfur	34-1	-1957.68	-2324.67	-2442.00	-2241.45		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	0.02	0.02	0.01	0.02	32.62	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.24	ppb
Tin	118-1	-0.25	-0.28	-0.28	-0.27		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.25	0.24	0.29	23.82	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	7.21	ppb
Vanadium	51-2	0.13	0.15	0.13	0.14	5.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	4.78	4.80	4.87	4.82	0.90	ppb
Zirconium	90-1	0.17	0.11	0.17	0.15	22.42	ppb
Zirconium	91-1	0.35	0.27	0.64	0.42	46.24	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10691.71	10594.12	9675.90	10320.58	5.43	ppb
Antimony	121-1	468.52	486.49	466.93	473.98	2.29	ppb
Arsenic	75-2	494.56	499.22	452.63	482.14	5.32	ppb
Barium	135-1	2720.15	2789.10	2676.26	2728.50	2.08	ppb
Barium	137-1	2745.86	2787.47	2662.80	2732.04	2.32	ppb
Beryllium	9-1	465.38	486.18	477.71	476.42	2.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				115		%
Boron	10-1	490.89	534.98	562.20	529.36	6.80	ppb
Boron	11-1	546.62	587.22	620.60	584.81	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	473.88	479.43	469.73	474.35	1.03	ppb
Cadmium	106-1	479.62	484.45	478.76	480.94	0.64	ppb
Cadmium	108-1	480.62	498.10	482.81	487.18	1.96	ppb
Calcium	43-1	73807.83	71918.14	71677.37	72467.78	1.61	ppb
Calcium	44-1	69766.74	70643.54	69327.32	69912.53	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.84	478.82	442.79	468.15	4.71	ppb
Cobalt	59-2	484.18	473.21	447.08	468.16	4.07	ppb
Copper	63-2	5286.57	5298.64	4843.35	5142.85	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				119		%
Indium	115-1				117		%
Indium	115-2				114		%
Iron	54-2	28819.50	28407.88	26247.48	27824.95	4.97	ppb
Iron	56-2	28290.49	28025.41	25623.66	27313.19	5.38	ppb
Iron	57-2	27963.80	27814.63	25942.48	27240.30	4.14	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2476.44	2468.48	2344.96	2429.96	3.03	ppb
Lead	207-1	2488.64	2492.00	2372.10	2450.91	2.79	ppb
Lead	208-1	2418.36	2428.61	2350.29	2399.08	1.77	ppb
Lithium	6-1				108		%
Magnesium	24-2	55949.69	57352.28	52125.45	55142.47	4.91	ppb
Manganese	55-2	5452.50	5438.36	5003.52	5298.13	4.82	ppb
Molybdenum	94-1	3859.24	3860.46	3860.19	3859.96	0.02	ppb
Molybdenum	95-1	4651.38	4616.37	4566.19	4611.31	0.93	ppb
Molybdenum	96-1	4492.66	4464.18	4485.00	4480.62	0.33	ppb
Molybdenum	97-1	4540.42	4579.28	4619.31	4579.67	0.86	ppb
Molybdenum	98-1	4596.00	4604.95	4559.18	4586.71	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.56	449.16	412.34	438.35	5.16	ppb
Phosphorus	31-2	57.36	40.68	37.07	45.04	24.04	ppb
Potassium	39-2	28952.56	27937.74	26542.51	27810.94	4.35	ppb
Rhodium	103-1				112		%
Rhodium	103-2				115		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	477.39	487.08	483.14	482.54	1.01	ppb
Selenium	77-2	461.10	453.29	439.39	451.26	2.44	ppb
Selenium	78-2	476.22	493.85	440.49	470.19	5.78	ppb
Silicon	28-1	3120.91	3211.90	3150.31	3161.04	1.47	ppb
Silver	107-1	726.33	683.21	656.72	688.75	5.10	ppb
Silver	109-1	640.38	674.42	531.38	615.39	12.14	ppb
Sodium	23-2	73136.60	72567.83	68101.49	71268.64	3.87	ppb
Strontium	86-1	4862.12	5006.07	4952.95	4940.38	1.47	ppb
Strontium	88-1	4909.30	5026.35	4906.54	4947.40	1.38	ppb
Sulfur	34-1	6781.22	6763.06	6184.39	6576.23	5.16	ppb
Terbium	159-1				117		%
Terbium	159-2				118		%
Thallium	203-1	487.95	503.86	472.17	487.99	3.25	ppb
Thallium	205-1	480.24	492.58	461.37	478.07	3.29	ppb
Tin	118-1	539.27	543.03	520.60	534.30	2.25	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4391.38	4469.04	4473.47	4444.63	1.04	ppb
Uranium	238-1	464.52	467.78	450.55	460.95	1.99	ppb
Vanadium	51-2	486.63	479.65	446.89	471.06	4.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				119		%
Zinc	66-2	5406.66	5432.07	4956.20	5264.98	5.08	ppb
Zirconium	90-1	4454.60	4552.80	4640.95	4549.45	2.05	ppb
Zirconium	91-1	4569.69	4602.04	4577.70	4583.14	0.37	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10872.97	10634.82	10670.88	10726.23	1.20	ppb
Antimony	121-1	470.63	475.45	491.33	479.14	2.26	ppb
Arsenic	75-2	512.09	506.70	491.61	503.47	2.11	ppb
Barium	135-1	2748.22	2756.75	2810.50	2771.83	1.22	ppb
Barium	137-1	2772.84	2802.35	2911.73	2828.98	2.59	ppb
Beryllium	9-1	472.62	490.70	488.49	483.94	2.04	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	528.27	542.11	585.20	551.86	5.38	ppb
Boron	11-1	572.46	605.52	623.99	600.66	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	472.38	476.16	491.26	479.94	2.08	ppb
Cadmium	106-1	479.98	473.73	497.84	483.85	2.59	ppb
Cadmium	108-1	488.76	489.39	513.05	497.06	2.79	ppb
Calcium	43-1	72844.33	73466.76	75677.97	73996.36	2.01	ppb
Calcium	44-1	70577.10	70376.94	73297.90	71417.31	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.06	472.90	483.81	482.26	1.80	ppb
Cobalt	59-2	492.92	486.54	483.30	487.59	1.00	ppb
Copper	63-2	5319.06	5285.60	5390.80	5331.82	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				115		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	28978.30	28289.83	28736.71	28668.28	1.22	ppb
Iron	56-2	28721.40	28437.60	27545.00	28234.67	2.17	ppb
Iron	57-2	28800.40	27455.07	28232.93	28162.80	2.40	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2366.24	2448.44	2569.70	2461.46	4.16	ppb
Lead	207-1	2404.94	2426.09	2559.43	2463.49	3.40	ppb
Lead	208-1	2404.32	2395.97	2518.23	2439.51	2.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	57901.30	56096.17	56670.52	56889.33	1.62	ppb
Manganese	55-2	5663.75	5341.45	5434.88	5480.03	3.03	ppb
Molybdenum	94-1	3787.91	3879.19	3893.82	3853.64	1.49	ppb
Molybdenum	95-1	4520.26	4606.37	4674.68	4600.44	1.68	ppb
Molybdenum	96-1	4452.00	4521.79	4529.80	4501.20	0.95	ppb
Molybdenum	97-1	4522.43	4609.30	4563.86	4565.20	0.95	ppb
Molybdenum	98-1	4551.12	4580.08	4688.40	4606.53	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.43	454.50	457.70	455.21	0.49	ppb
Phosphorus	31-2	35.56	37.97	35.35	36.29	4.01	ppb
Potassium	39-2	28818.84	28120.83	28959.20	28632.96	1.57	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	82-1	480.05	485.27	492.91	486.07	1.33	ppb
Selenium	77-2	482.29	499.98	474.42	485.56	2.70	ppb
Selenium	78-2	503.64	489.37	477.36	490.12	2.68	ppb
Silicon	28-1	3274.54	3203.92	3233.83	3237.43	1.09	ppb
Silver	107-1	515.11	710.99	544.27	590.12	17.91	ppb
Silver	109-1	586.97	534.38	556.44	559.26	4.72	ppb
Sodium	23-2	73063.88	72435.14	73591.68	73030.23	0.79	ppb
Strontium	86-1	4748.97	4915.71	4920.22	4861.63	2.01	ppb
Strontium	88-1	4819.52	4930.78	4900.49	4883.60	1.18	ppb
Sulfur	34-1	6226.00	6122.39	6111.17	6153.19	1.03	ppb
Terbium	159-1				116		%
Terbium	159-2				113		%
Thallium	203-1	491.05	506.32	513.07	503.48	2.24	ppb
Thallium	205-1	483.34	493.55	514.49	497.13	3.19	ppb
Tin	118-1	540.35	536.34	549.81	542.16	1.28	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4502.08	4480.32	4502.35	4494.91	0.28	ppb
Uranium	238-1	467.31	472.08	481.25	473.55	1.50	ppb
Vanadium	51-2	483.57	483.61	480.20	482.46	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	5520.06	5299.53	5502.80	5440.79	2.25	ppb
Zirconium	90-1	4522.28	4643.49	4623.37	4596.38	1.41	ppb
Zirconium	91-1	4506.23	4743.95	4698.18	4649.45	2.71	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48834.26	49136.13	48360.78	48777.06	0.80	ppb
Antimony	121-1	485.28	490.02	489.23	488.18	0.52	ppb
Arsenic	75-2	508.24	507.26	505.01	506.84	0.33	ppb
Barium	135-1	2455.68	2468.47	2470.66	2464.94	0.33	ppb
Barium	137-1	2470.94	2501.80	2457.18	2476.64	0.92	ppb
Beryllium	9-1	499.36	511.52	516.38	509.09	1.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	461.49	498.41	539.30	499.74	7.79	ppb
Boron	11-1	500.44	544.84	576.98	540.76	7.11	ppb
Bromine	81-1						cps
Cadmium	111-1	512.85	524.81	520.76	519.47	1.17	ppb
Cadmium	106-1	802.96	827.64	827.42	819.34	1.73	ppb
Cadmium	108-1	644.41	671.19	663.67	659.76	2.09	ppb
Calcium	43-1	243648.39	245802.28	245622.74	245024.47	0.49	ppb
Calcium	44-1	238493.62	240436.64	236311.03	238413.76	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.56	492.03	482.97	488.19	0.96	ppb
Cobalt	59-2	490.23	496.77	487.21	491.40	0.99	ppb
Copper	63-2	4686.71	4826.16	4627.83	4713.57	2.16	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				115		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	54-2	122720.26	124242.80	120567.52	122510.19	1.51	ppb
Iron	56-2	120930.43	123269.43	121851.84	122017.23	0.97	ppb
Iron	57-2	120116.91	122511.55	119019.18	120549.21	1.48	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2628.83	2574.82	2548.99	2584.22	1.58	ppb
Lead	207-1	2601.06	2564.57	2567.05	2577.56	0.79	ppb
Lead	208-1	2586.31	2545.97	2571.16	2567.82	0.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	245915.62	250896.03	243923.43	246911.70	1.45	ppb
Manganese	55-2	4834.89	5028.08	4863.49	4908.82	2.12	ppb
Molybdenum	94-1	5622.30	5706.32	5584.06	5637.56	1.11	ppb
Molybdenum	95-1	2553.73	2544.63	2579.10	2559.15	0.70	ppb
Molybdenum	96-1	2941.50	2879.67	2932.56	2917.91	1.15	ppb
Molybdenum	97-1	2573.17	2524.88	2523.31	2540.46	1.12	ppb
Molybdenum	98-1	2553.33	2505.61	2558.73	2539.22	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	462.44	470.28	460.49	464.41	1.12	ppb
Phosphorus	31-2	15302.60	15832.53	15335.98	15490.37	1.92	ppb
Potassium	39-2	120481.49	123009.65	118620.28	120703.81	1.83	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	486.10	485.52	496.58	489.40	1.27	ppb
Selenium	77-2	494.44	514.07	474.94	494.49	3.96	ppb
Selenium	78-2	498.75	500.95	500.25	499.98	0.22	ppb
Silicon	28-1	524.51	555.45	563.72	547.89	3.77	ppb
Silver	107-1	473.02	494.79	482.73	483.51	2.26	ppb
Silver	109-1	469.95	473.93	482.42	475.43	1.34	ppb
Sodium	23-2	244194.42	250281.44	245123.51	246533.12	1.33	ppb
Strontium	86-1	2538.15	2473.88	2566.76	2526.26	1.88	ppb
Strontium	88-1	2539.63	2498.56	2555.76	2531.32	1.17	ppb
Sulfur	34-1	12586.38	13120.11	13649.25	13118.58	4.05	ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	538.28	515.37	514.63	522.76	2.57	ppb
Thallium	205-1	528.56	510.35	512.21	517.04	1.94	ppb
Tin	118-1	491.53	487.42	492.77	490.57	0.57	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2453.36	2505.00	2492.17	2483.51	1.08	ppb
Uranium	238-1	523.70	511.78	504.02	513.16	1.93	ppb
Vanadium	51-2	496.92	492.48	493.66	494.35	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	4711.54	4808.30	4635.52	4718.45	1.84	ppb
Zirconium	90-1	25025.00	24899.31	24305.14	24743.15	1.55	ppb
Zirconium	91-1	24567.20	24737.38	24747.16	24683.92	0.41	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.10	1.09	1.07	3.23	ppb
Antimony	121-1	0.04	0.06	0.08	0.06	35.12	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	51.80	ppb
Barium	135-1	0.07	0.08	0.04	0.06	30.25	ppb
Barium	137-1	0.05	0.05	0.05	0.05	3.83	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	46.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	24.37	24.28	23.79	24.15	1.29	ppb
Boron	11-1	26.22	26.15	25.33	25.90	1.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.03	-0.03	-0.01		ppb
Cadmium	106-1	-0.80	-0.07	-0.63	-0.50		ppb
Cadmium	108-1	0.10	-0.06	0.06	0.03	261.38	ppb
Calcium	43-1	3.58	3.33	4.11	3.67	10.86	ppb
Calcium	44-1	5.61	4.02	6.02	5.22	20.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.04	0.00	0.01	197.27	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	163.25	ppb
Copper	63-2	0.14	0.14	0.14	0.14	1.76	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				109		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	1.87	3.49	1.72	2.36	41.51	ppb
Iron	56-2	2.34	2.34	2.37	2.35	0.79	ppb
Iron	57-2	1.24	0.22	2.02	1.16	77.67	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.12	0.11	12.88	ppb
Lead	207-1	0.12	0.13	0.15	0.13	11.20	ppb
Lead	208-1	0.11	0.12	0.12	0.12	5.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.49	4.00	2.87	3.79	21.89	ppb
Manganese	55-2	0.11	0.10	0.12	0.11	9.04	ppb
Molybdenum	94-1	0.19	0.18	0.13	0.17	20.93	ppb
Molybdenum	95-1	0.14	0.11	0.11	0.12	10.84	ppb
Molybdenum	96-1	0.12	0.15	0.13	0.13	12.97	ppb
Molybdenum	97-1	0.13	0.13	0.13	0.13	3.32	ppb
Molybdenum	98-1	0.13	0.12	0.11	0.12	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.05	0.07	33.30	ppb
Phosphorus	31-2	9.54	14.95	-7.92	5.52	216.48	ppb
Potassium	39-2	2.48	7.15	2.00	3.88	73.36	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	-0.43	0.23	0.04	-0.05		ppb
Selenium	77-2	-0.36	0.16	-0.36	-0.19		ppb
Selenium	78-2	0.26	0.26	-0.24	0.09	312.64	ppb
Silicon	28-1	-6.34	-8.07	-6.11	-6.84		ppb
Silver	107-1	0.21	0.13	0.11	0.15	34.10	ppb
Silver	109-1	0.19	0.13	0.10	0.14	32.09	ppb
Sodium	23-2	26.42	29.56	25.95	27.31	7.20	ppb
Strontium	86-1	0.07	0.12	0.04	0.08	54.39	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	2.16	ppb
Sulfur	34-1	-4221.74	-4376.31	-3981.59	-4193.21		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.04	0.05	0.05	16.70	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	14.63	ppb
Tin	118-1	-0.30	-0.28	-0.29	-0.29		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.12	0.08	0.08	52.12	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.33	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	84.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	0.73	1.04	0.67	0.81	24.84	ppb
Zirconium	90-1	0.38	0.45	0.35	0.40	12.41	ppb
Zirconium	91-1	0.48	0.58	0.58	0.55	10.21	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	0.78	0.73	0.66	24.14	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	18.65	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.04	0.05	0.03	0.04	33.72	ppb
Barium	137-1	0.04	0.04	0.05	0.04	15.66	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	30.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	17.03	16.34	16.47	16.61	2.20	ppb
Boron	11-1	18.41	17.66	17.32	17.80	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	-0.05	0.12	0.08	144.32	ppb
Cadmium	106-1	1.82	-1.01	1.23	0.68	218.92	ppb
Cadmium	108-1	0.09	0.12	0.02	0.08	69.79	ppb
Calcium	43-1	3.06	2.42	1.62	2.37	30.62	ppb
Calcium	44-1	3.88	3.76	4.07	3.90	4.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	95.77	ppb
Copper	63-2	0.08	0.03	0.10	0.07	48.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				113		%
Iron	54-2	1.81	1.46	1.44	1.57	13.28	ppb
Iron	56-2	1.24	1.35	1.47	1.35	8.52	ppb
Iron	57-2	0.51	0.89	0.48	0.63	36.34	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.07	0.08	10.80	ppb
Lead	207-1	0.08	0.10	0.09	0.09	11.50	ppb
Lead	208-1	0.07	0.08	0.07	0.07	6.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.52	2.30	1.40	1.74	28.03	ppb
Manganese	55-2	0.10	0.10	0.12	0.11	10.71	ppb
Molybdenum	94-1	0.10	0.08	0.08	0.09	12.37	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	1.34	ppb
Molybdenum	96-1	0.09	0.07	0.07	0.08	16.27	ppb
Molybdenum	97-1	0.05	0.07	0.09	0.07	26.41	ppb
Molybdenum	98-1	0.06	0.09	0.07	0.08	20.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.04	0.07	0.06	28.54	ppb
Phosphorus	31-2	-2.23	-2.32	-16.80	-7.12		ppb
Potassium	39-2	-1.03	3.44	-0.79	0.54	465.31	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.41	-0.50	-0.07	-0.05		ppb
Selenium	77-2	-0.36	-0.36	0.14	-0.20		ppb
Selenium	78-2	0.08	0.83	0.38	0.43	87.45	ppb
Silicon	28-1	-6.85	-8.01	-8.68	-7.85		ppb
Silver	107-1	0.06	0.07	0.06	0.06	4.97	ppb
Silver	109-1	0.07	0.05	0.05	0.05	17.25	ppb
Sodium	23-2	15.49	17.59	14.88	15.99	8.90	ppb
Strontium	86-1	0.10	0.09	0.08	0.09	11.83	ppb
Strontium	88-1	0.06	0.07	0.07	0.07	2.18	ppb
Sulfur	34-1	-3699.78	-3860.64	-3862.75	-3807.72		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.04	0.03	0.04	17.46	ppb
Thallium	205-1	0.05	0.03	0.02	0.04	39.15	ppb
Tin	118-1	-0.30	-0.30	-0.26	-0.29		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.04	0.09	0.05	69.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	92.24	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	143.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	0.51	0.79	0.77	0.69	22.86	ppb
Zirconium	90-1	0.13	0.20	0.32	0.22	44.04	ppb
Zirconium	91-1	0.27	0.37	0.27	0.31	18.03	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9611.30	9773.92	9709.44	9698.22	0.84	ppb
Antimony	121-1	516.84	498.63	498.59	504.69	2.09	ppb
Arsenic	75-2	501.77	498.47	504.42	501.55	0.59	ppb
Barium	135-1	2584.46	2486.71	2463.32	2511.50	2.56	ppb
Barium	137-1	2665.02	2466.34	2510.33	2547.23	4.10	ppb
Beryllium	9-1	541.42	498.24	505.30	514.99	4.50	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	455.89	460.41	486.69	467.66	3.56	ppb
Boron	11-1	487.85	502.33	526.26	505.48	3.84	ppb
Bromine	81-1						cps
Cadmium	111-1	539.94	500.24	521.57	520.58	3.82	ppb
Cadmium	106-1	532.43	500.02	524.82	519.09	3.26	ppb
Cadmium	108-1	534.54	503.01	501.21	512.92	3.65	ppb
Calcium	43-1	57898.40	57073.95	55166.96	56713.10	2.47	ppb
Calcium	44-1	54802.54	52500.29	53276.30	53526.38	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.30	509.64	504.31	503.08	1.44	ppb
Cobalt	59-2	501.07	509.74	497.84	502.88	1.22	ppb
Copper	63-2	5005.18	5065.51	5050.52	5040.41	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	26351.93	26653.87	26264.49	26423.43	0.77	ppb
Iron	56-2	25952.38	26076.68	25664.48	25897.84	0.82	ppb
Iron	57-2	26072.09	26737.36	25367.48	26058.98	2.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2595.67	2477.85	2551.54	2541.69	2.34	ppb
Lead	207-1	2630.24	2458.84	2547.79	2545.62	3.37	ppb
Lead	208-1	2581.90	2439.20	2515.63	2512.24	2.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	50927.96	51230.02	51817.65	51325.21	0.88	ppb
Manganese	55-2	5019.43	5001.00	5055.07	5025.17	0.55	ppb
Molybdenum	94-1	2624.87	2526.44	2457.59	2536.30	3.31	ppb
Molybdenum	95-1	2635.10	2532.68	2472.95	2546.91	3.22	ppb
Molybdenum	96-1	2577.00	2516.01	2407.87	2500.29	3.43	ppb
Molybdenum	97-1	2573.83	2541.69	2408.97	2508.17	3.48	ppb
Molybdenum	98-1	2626.51	2489.53	2439.25	2518.43	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.26	475.70	477.98	477.31	0.29	ppb
Phosphorus	31-2	9830.79	10162.41	10331.62	10108.27	2.52	ppb
Potassium	39-2	25084.32	25164.55	24901.72	25050.20	0.54	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	528.84	503.19	493.63	508.55	3.58	ppb
Selenium	77-2	534.17	504.91	512.13	517.07	2.95	ppb
Selenium	78-2	499.96	502.54	504.01	502.17	0.41	ppb
Silicon	28-1	555.74	569.29	581.52	568.85	2.27	ppb
Silver	107-1	532.80	502.84	513.97	516.54	2.93	ppb
Silver	109-1	530.66	509.46	508.90	516.34	2.40	ppb
Sodium	23-2	50976.90	50975.19	50535.54	50829.21	0.50	ppb
Strontium	86-1	5219.59	5070.64	4843.26	5044.49	3.76	ppb
Strontium	88-1	5227.65	5020.72	4857.80	5035.39	3.68	ppb
Sulfur	34-1	10010.10	9551.39	8586.81	9382.77	7.74	ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	505.96	496.77	503.67	502.13	0.95	ppb
Thallium	205-1	508.35	485.14	489.98	494.49	2.48	ppb
Tin	118-1	520.62	518.86	505.55	515.01	1.60	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2544.72	2461.08	2494.00	2499.93	1.69	ppb
Uranium	238-1	500.12	476.94	472.95	483.34	3.04	ppb
Vanadium	51-2	491.17	504.46	502.05	499.23	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	5033.93	5066.41	4993.26	5031.20	0.73	ppb
Zirconium	90-1	5104.94	4990.79	4926.89	5007.54	1.80	ppb
Zirconium	91-1	5314.82	5030.11	4997.39	5114.11	3.41	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10579.41	10682.11	10645.11	10635.54	0.49	ppb
Antimony	121-1	476.43	457.26	460.68	464.79	2.20	ppb
Arsenic	75-2	500.61	506.17	492.87	499.88	1.34	ppb
Barium	135-1	2709.48	2613.30	2693.54	2672.10	1.93	ppb
Barium	137-1	2760.87	2705.83	2716.07	2727.59	1.07	ppb
Beryllium	9-1	486.31	480.65	474.78	480.58	1.20	ppb
Bismuth	209-1				113		%
Bismuth	209-2				114		%
Boron	10-1	542.04	585.60	588.79	572.14	4.57	ppb
Boron	11-1	588.12	597.26	585.88	590.42	1.02	ppb
Bromine	81-1						cps
Cadmium	111-1	474.33	475.78	466.25	472.12	1.09	ppb
Cadmium	106-1	477.94	473.43	470.17	473.85	0.82	ppb
Cadmium	108-1	492.90	484.09	475.67	484.22	1.78	ppb
Calcium	43-1	72707.07	74198.09	71324.53	72743.23	1.98	ppb
Calcium	44-1	70184.07	70376.34	69185.15	69915.19	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.72	479.35	477.63	480.23	0.65	ppb
Cobalt	59-2	474.61	485.69	476.59	478.96	1.23	ppb
Copper	63-2	5251.85	5286.72	5253.94	5264.17	0.37	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				119		%
Holmium	165-2				118		%
Indium	115-1				119		%
Indium	115-2				117		%
Iron	54-2	28556.53	28934.71	28746.41	28745.88	0.66	ppb
Iron	56-2	27662.42	28311.19	27931.18	27968.26	1.17	ppb
Iron	57-2	27713.83	28327.79	28069.67	28037.10	1.10	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2427.20	2475.19	2413.61	2438.67	1.33	ppb
Lead	207-1	2420.22	2405.60	2435.48	2420.43	0.62	ppb
Lead	208-1	2396.22	2393.51	2402.82	2397.52	0.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	57343.09	56419.18	55993.80	56585.36	1.22	ppb
Manganese	55-2	5321.32	5537.01	5380.71	5413.01	2.06	ppb
Molybdenum	94-1	3913.93	3908.36	3751.51	3857.93	2.39	ppb
Molybdenum	95-1	4623.14	4597.38	4489.70	4570.07	1.55	ppb
Molybdenum	96-1	4519.48	4448.53	4406.65	4458.22	1.28	ppb
Molybdenum	97-1	4668.86	4574.65	4456.82	4566.78	2.33	ppb
Molybdenum	98-1	4628.16	4616.08	4486.10	4576.78	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	447.07	449.46	453.53	450.02	0.73	ppb
Phosphorus	31-2	35.17	70.08	25.39	43.55	53.94	ppb
Potassium	39-2	28964.22	28145.38	28367.36	28492.32	1.49	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				122		%
Scandium	45-2				117		%
Selenium	82-1	482.21	485.69	480.51	482.80	0.55	ppb
Selenium	77-2	498.42	463.20	467.01	476.21	4.06	ppb
Selenium	78-2	501.27	500.08	476.86	492.74	2.79	ppb
Silicon	28-1	3138.27	3157.87	3157.99	3151.38	0.36	ppb
Silver	107-1	608.38	638.94	473.50	573.60	15.35	ppb
Silver	109-1	494.39	443.63	441.28	459.77	6.53	ppb
Sodium	23-2	73263.11	73902.46	72401.96	73189.17	1.03	ppb
Strontium	86-1	4888.71	5059.17	4882.19	4943.36	2.03	ppb
Strontium	88-1	4857.92	4962.37	4817.55	4879.28	1.53	ppb
Sulfur	34-1	5499.43	5544.54	5161.29	5401.75	3.88	ppb
Terbium	159-1				121		%
Terbium	159-2				117		%
Thallium	203-1	484.08	487.19	503.14	491.47	2.08	ppb
Thallium	205-1	475.58	484.02	503.11	487.57	2.89	ppb
Tin	118-1	535.94	524.12	518.00	526.02	1.73	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4443.03	4483.07	4448.03	4458.04	0.49	ppb
Uranium	238-1	454.89	455.73	464.71	458.44	1.19	ppb
Vanadium	51-2	481.63	478.53	484.74	481.63	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	5454.06	5416.34	5446.17	5438.86	0.37	ppb
Zirconium	90-1	4547.72	4600.35	4486.05	4544.71	1.26	ppb
Zirconium	91-1	4606.76	4649.50	4536.04	4597.43	1.25	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.43	83.56	81.01	82.33	1.55	ppb
Antimony	121-1	0.21	0.20	0.23	0.21	5.83	ppb
Arsenic	75-2	5.09	5.30	5.26	5.22	2.17	ppb
Barium	135-1	132.21	131.72	131.31	131.74	0.34	ppb
Barium	137-1	136.16	133.51	132.83	134.17	1.31	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	28.25	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	96.31	103.65	107.97	102.64	5.74	ppb
Boron	11-1	106.21	115.02	117.83	113.02	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.09	-0.07	-0.04		ppb
Cadmium	106-1	0.25	-1.50	-1.15	-0.80		ppb
Cadmium	108-1	0.12	-0.11	0.03	0.01	838.69	ppb
Calcium	43-1	24189.42	24326.86	23692.50	24069.60	1.39	ppb
Calcium	44-1	24466.68	24567.37	23732.58	24255.54	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.50	1.59	1.59	1.56	3.16	ppb
Cobalt	59-2	5.64	5.78	5.71	5.71	1.24	ppb
Copper	63-2	4.93	5.03	4.86	4.94	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				114		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	54-2	33933.54	34626.93	33379.75	33980.07	1.84	ppb
Iron	56-2	33571.83	33214.90	33020.27	33269.00	0.84	ppb
Iron	57-2	34281.93	34415.26	33506.21	34067.80	1.44	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.88	0.86	0.87	1.27	ppb
Lead	207-1	0.92	0.83	0.87	0.87	5.07	ppb
Lead	208-1	0.87	0.84	0.86	0.86	1.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	10044.45	10063.20	9867.61	9991.75	1.08	ppb
Manganese	55-2	2780.20	2840.02	2784.16	2801.46	1.19	ppb
Molybdenum	94-1	0.59	0.60	0.55	0.58	4.56	ppb
Molybdenum	95-1	0.55	0.52	0.51	0.53	4.13	ppb
Molybdenum	96-1	0.79	0.82	0.68	0.76	9.65	ppb
Molybdenum	97-1	0.54	0.46	0.43	0.48	12.08	ppb
Molybdenum	98-1	0.43	0.42	0.42	0.43	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.97	8.15	7.90	8.01	1.60	ppb
Phosphorus	31-2	249.02	265.89	267.97	260.96	3.98	ppb
Potassium	39-2	3420.32	3380.04	3353.33	3384.56	1.00	ppb
Rhodium	103-1				115		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	0.85	0.34	0.94	0.71	45.68	ppb
Selenium	77-2	1.57	2.51	1.06	1.71	43.06	ppb
Selenium	78-2	0.24	1.30	0.99	0.84	64.75	ppb
Silicon	28-1	6193.35	6123.79	5897.97	6071.70	2.54	ppb
Silver	107-1	0.16	0.17	0.14	0.16	7.70	ppb
Silver	109-1	0.15	0.15	0.14	0.15	3.02	ppb
Sodium	23-2	28271.43	28388.28	27906.16	28188.62	0.89	ppb
Strontium	86-1	123.12	121.99	120.05	121.72	1.28	ppb
Strontium	88-1	123.77	124.28	120.40	122.82	1.72	ppb
Sulfur	34-1	55022.39	55473.18	52744.48	54413.35	2.69	ppb
Terbium	159-1				117		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.02	0.03	0.03	33.78	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	20.28	ppb
Tin	118-1	-0.03	-0.06	-0.07	-0.05		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.15	2.15	2.33	2.21	4.78	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.22	ppb
Vanadium	51-2	1.22	1.23	1.17	1.21	2.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	40.97	40.81	40.93	40.90	0.20	ppb
Zirconium	90-1	1.68	1.39	1.40	1.49	11.06	ppb
Zirconium	91-1	2.03	1.46	1.64	1.71	17.03	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:11:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.77	83.33	85.78	83.63	2.42	ppb
Antimony	121-1	0.22	0.22	0.27	0.24	12.77	ppb
Arsenic	75-2	0.82	0.77	0.77	0.79	3.75	ppb
Barium	135-1	49.63	49.61	49.83	49.69	0.24	ppb
Barium	137-1	51.04	50.89	50.38	50.77	0.68	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	25.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				117		%
Boron	10-1	88.60	89.87	89.94	89.47	0.85	ppb
Boron	11-1	96.29	97.05	99.35	97.56	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.06	0.03	0.06	56.06	ppb
Cadmium	106-1	0.95	0.10	0.32	0.46	96.02	ppb
Cadmium	108-1	0.06	-0.14	0.14	0.02	734.80	ppb
Calcium	43-1	26142.52	27252.95	25585.10	26326.86	3.23	ppb
Calcium	44-1	25608.34	25997.33	25837.01	25814.22	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.38	0.40	0.39	3.98	ppb
Cobalt	59-2	0.24	0.23	0.21	0.23	6.31	ppb
Copper	63-2	2.74	2.76	2.80	2.77	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				118		%
Indium	115-1				117		%
Indium	115-2				118		%
Iron	54-2	372.19	405.74	393.93	390.62	4.36	ppb
Iron	56-2	382.69	404.37	391.82	392.96	2.77	ppb
Iron	57-2	377.47	395.58	391.54	388.20	2.45	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:11:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.37	0.38	0.36	0.37	3.14	ppb
Lead	207-1	0.35	0.38	0.39	0.37	5.84	ppb
Lead	208-1	0.35	0.36	0.36	0.36	1.42	ppb
Lithium	6-1				106		%
Magnesium	24-2	9740.63	10419.63	10437.92	10199.39	3.90	ppb
Manganese	55-2	112.91	119.77	118.54	117.07	3.12	ppb
Molybdenum	94-1	0.87	0.85	0.84	0.85	1.88	ppb
Molybdenum	95-1	1.14	1.09	1.06	1.10	3.56	ppb
Molybdenum	96-1	1.06	1.08	1.02	1.05	3.12	ppb
Molybdenum	97-1	1.14	1.21	1.17	1.17	2.88	ppb
Molybdenum	98-1	1.11	1.10	1.08	1.10	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.17	1.17	1.12	8.02	ppb
Phosphorus	31-2	715.39	743.85	709.84	723.02	2.52	ppb
Potassium	39-2	3250.73	3462.73	3458.23	3390.56	3.57	ppb
Rhodium	103-1				113		%
Rhodium	103-2				118		%
Scandium	45-1				119		%
Scandium	45-2				117		%
Selenium	82-1	0.54	0.40	0.33	0.42	25.29	ppb
Selenium	77-2	0.09	0.10	-0.36	-0.06		ppb
Selenium	78-2	0.03	0.73	0.33	0.36	96.15	ppb
Silicon	28-1	3291.95	3337.28	3224.37	3284.53	1.73	ppb
Silver	107-1	0.05	0.04	0.04	0.04	12.65	ppb
Silver	109-1	0.04	0.03	0.04	0.04	5.59	ppb
Sodium	23-2	32907.79	35422.21	35416.69	34582.23	4.19	ppb
Strontium	86-1	156.55	155.64	155.70	155.96	0.33	ppb
Strontium	88-1	160.03	157.85	157.73	158.53	0.82	ppb
Sulfur	34-1	12850.36	12942.37	11795.55	12529.43	5.09	ppb
Terbium	159-1				117		%
Terbium	159-2				116		%
Thallium	203-1	0.03	0.02	0.02	0.02	20.38	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	26.97	ppb
Tin	118-1	-0.19	-0.17	-0.16	-0.17		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:11:08	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.78	2.76	2.63	2.72	2.85	ppb
Uranium	238-1	0.17	0.17	0.18	0.17	1.70	ppb
Vanadium	51-2	0.84	0.93	0.84	0.87	5.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				121		%
Zinc	66-2	28.94	29.91	29.18	29.34	1.72	ppb
Zirconium	90-1	3.13	0.81	0.56	1.50	94.28	ppb
Zirconium	91-1	0.72	0.68	0.44	0.61	24.75	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.06	59.04	61.51	60.54	2.17	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	4.88	ppb
Arsenic	75-2	0.51	0.50	0.61	0.54	11.18	ppb
Barium	135-1	40.67	41.83	42.24	41.58	1.95	ppb
Barium	137-1	40.69	42.71	41.99	41.80	2.45	ppb
Beryllium	9-1	0.00	0.00	0.01	0.01	123.75	ppb
Bismuth	209-1				113		%
Bismuth	209-2				114		%
Boron	10-1	53.01	56.88	57.01	55.63	4.08	ppb
Boron	11-1	56.97	61.38	62.29	60.22	4.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.05	0.02	0.02	164.61	ppb
Cadmium	106-1	-0.30	0.32	0.06	0.03	1195.72	ppb
Cadmium	108-1	-0.04	-0.02	-0.05	-0.04		ppb
Calcium	43-1	24951.71	25925.08	24948.85	25275.21	2.23	ppb
Calcium	44-1	24726.66	25080.55	24618.85	24808.69	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.17	0.18	4.36	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	6.49	ppb
Copper	63-2	0.96	0.99	1.00	0.98	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				120		%
Indium	115-2				114		%
Iron	54-2	130.86	132.17	132.92	131.98	0.79	ppb
Iron	56-2	134.28	133.88	138.15	135.44	1.74	ppb
Iron	57-2	127.88	137.51	134.69	133.36	3.71	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.12	4.45	ppb
Lead	207-1	0.15	0.15	0.16	0.16	4.63	ppb
Lead	208-1	0.13	0.13	0.13	0.13	1.70	ppb
Lithium	6-1				109		%
Magnesium	24-2	10052.79	10113.06	10293.77	10153.21	1.24	ppb
Manganese	55-2	19.70	20.00	19.75	19.82	0.82	ppb
Molybdenum	94-1	0.38	0.38	0.39	0.38	1.35	ppb
Molybdenum	95-1	0.49	0.48	0.52	0.50	3.65	ppb
Molybdenum	96-1	0.46	0.50	0.51	0.49	6.16	ppb
Molybdenum	97-1	0.46	0.53	0.46	0.48	8.07	ppb
Molybdenum	98-1	0.45	0.50	0.51	0.49	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.39	0.46	0.43	8.19	ppb
Phosphorus	31-2	49.98	49.02	46.20	48.40	4.06	ppb
Potassium	39-2	2213.96	2191.66	2195.99	2200.54	0.54	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	0.42	0.53	-0.33	0.21	225.22	ppb
Selenium	77-2	0.11	1.10	-0.36	0.28	264.32	ppb
Selenium	78-2	0.55	0.27	0.22	0.35	51.21	ppb
Silicon	28-1	2613.55	2801.48	2622.18	2679.07	3.96	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.86	ppb
Silver	109-1	0.02	0.01	0.01	0.02	23.72	ppb
Sodium	23-2	26818.31	27245.54	27114.37	27059.41	0.81	ppb
Strontium	86-1	145.06	145.62	148.08	146.26	1.10	ppb
Strontium	88-1	146.13	149.09	149.04	148.09	1.14	ppb
Sulfur	34-1	6681.70	7090.13	6502.58	6758.14	4.46	ppb
Terbium	159-1				120		%
Terbium	159-2				113		%
Thallium	203-1	0.02	0.01	0.02	0.02	41.23	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	20.68	ppb
Tin	118-1	-0.25	-0.24	-0.27	-0.25		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.23	1.48	1.44	1.38	9.88	ppb
Uranium	238-1	0.24	0.27	0.24	0.25	6.34	ppb
Vanadium	51-2	0.71	0.63	0.65	0.67	5.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	21.04	21.50	21.12	21.22	1.16	ppb
Zirconium	90-1	0.23	0.26	0.28	0.26	8.61	ppb
Zirconium	91-1	0.24	0.31	0.43	0.33	28.37	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:25:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49606.27	56486.57	50118.21	52070.35	7.36	ppb
Antimony	121-1	487.31	480.87	492.41	486.86	1.19	ppb
Arsenic	75-2	505.75	580.69	510.38	532.27	7.89	ppb
Barium	135-1	2429.71	2435.51	2534.90	2466.71	2.40	ppb
Barium	137-1	2379.21	2457.96	2498.14	2445.10	2.47	ppb
Beryllium	9-1	489.04	504.62	500.14	497.93	1.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	489.91	518.32	520.66	509.63	3.36	ppb
Boron	11-1	523.28	563.86	557.61	548.25	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	503.51	506.22	528.75	512.82	2.70	ppb
Cadmium	106-1	796.13	793.24	823.95	804.44	2.11	ppb
Cadmium	108-1	643.57	649.54	672.43	655.18	2.33	ppb
Calcium	43-1	240257.91	244515.30	238332.07	241035.09	1.31	ppb
Calcium	44-1	229032.04	242110.85	237109.88	236084.26	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.32	556.12	484.44	509.29	7.97	ppb
Cobalt	59-2	482.25	559.94	487.70	509.96	8.50	ppb
Copper	63-2	4657.93	5301.61	4703.58	4887.71	7.35	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				115		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				102		%
Iron	54-2	121830.36	140665.18	124737.55	129077.70	7.86	ppb
Iron	56-2	123122.31	141707.21	124809.21	129879.57	7.91	ppb
Iron	57-2	120748.52	140254.39	122062.77	127688.56	8.54	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:25:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2524.28	2541.81	2527.71	2531.27	0.37	ppb
Lead	207-1	2547.02	2571.10	2566.18	2561.43	0.50	ppb
Lead	208-1	2525.68	2545.70	2508.30	2526.56	0.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	250474.29	286539.79	245016.87	260676.98	8.66	ppb
Manganese	55-2	4930.42	5697.03	5001.24	5209.57	8.13	ppb
Molybdenum	94-1	5541.84	5670.85	5637.91	5616.87	1.19	ppb
Molybdenum	95-1	2526.43	2576.97	2567.42	2556.94	1.05	ppb
Molybdenum	96-1	2870.80	2940.44	2977.35	2929.53	1.85	ppb
Molybdenum	97-1	2503.88	2557.86	2601.01	2554.25	1.91	ppb
Molybdenum	98-1	2496.52	2535.37	2607.19	2546.36	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.61	571.44	505.63	527.23	7.26	ppb
Phosphorus	31-2	16103.67	18357.63	16231.12	16897.47	7.49	ppb
Potassium	39-2	119385.26	138081.75	121496.06	126321.03	8.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	490.60	494.69	497.43	494.24	0.70	ppb
Selenium	77-2	493.43	586.84	467.40	515.89	12.17	ppb
Selenium	78-2	495.94	573.73	497.21	522.29	8.53	ppb
Silicon	28-1	514.44	537.19	548.94	533.52	3.29	ppb
Silver	107-1	483.77	479.07	490.09	484.31	1.14	ppb
Silver	109-1	464.90	479.56	485.24	476.57	2.20	ppb
Sodium	23-2	246677.88	281169.39	253487.54	260444.94	7.01	ppb
Strontium	86-1	2575.58	2505.99	2529.47	2537.02	1.40	ppb
Strontium	88-1	2521.25	2527.00	2544.78	2531.01	0.48	ppb
Sulfur	34-1	12871.07	13534.67	13523.32	13309.69	2.85	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	505.35	523.36	508.51	512.41	1.88	ppb
Thallium	205-1	498.68	510.87	497.52	502.36	1.47	ppb
Tin	118-1	497.78	486.48	505.42	496.56	1.92	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:25:49	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2397.06	2476.55	2464.11	2445.91	1.75	ppb
Uranium	238-1	505.90	505.32	503.11	504.78	0.29	ppb
Vanadium	51-2	487.21	564.86	484.14	512.07	8.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	4727.03	5375.14	4760.21	4954.13	7.37	ppb
Zirconium	90-1	24633.20	24960.14	25024.33	24872.56	0.84	ppb
Zirconium	91-1	24385.97	24902.23	24969.25	24752.49	1.29	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.30	0.13	-0.02		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.54	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.01	0.01	0.01	0.01	13.89	ppb
Barium	137-1	0.01	0.01	0.00	0.01	57.15	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	60.53	ppb
Bismuth	209-1				111		%
Bismuth	209-2				117		%
Boron	10-1	14.60	15.29	14.96	14.95	2.30	ppb
Boron	11-1	16.13	16.37	15.25	15.92	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	0.09	0.00	2232.94	ppb
Cadmium	106-1	-0.43	-0.99	1.25	-0.05		ppb
Cadmium	108-1	0.02	-0.06	0.01	-0.01		ppb
Calcium	43-1	0.83	0.11	-0.26	0.23	242.54	ppb
Calcium	44-1	14.40	14.69	13.72	14.27	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.05	0.00	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				116		%
Indium	115-1				114		%
Indium	115-2				117		%
Iron	54-2	0.73	-0.09	0.56	0.40	109.25	ppb
Iron	56-2	0.32	0.11	0.29	0.24	48.30	ppb
Iron	57-2	-1.15	-1.15	-0.97	-1.09		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	3.82	ppb
Lead	207-1	0.11	0.09	0.09	0.09	12.59	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.08	0.06	-0.05	-0.02		ppb
Manganese	55-2	0.02	-0.02	0.00	0.00	1744.92	ppb
Molybdenum	94-1	0.06	0.08	0.06	0.07	12.53	ppb
Molybdenum	95-1	0.06	0.03	0.03	0.04	42.23	ppb
Molybdenum	96-1	0.06	0.03	0.06	0.05	32.47	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	9.88	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	21.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	14.04	ppb
Phosphorus	31-2	4.85	-8.17	13.85	3.51	315.33	ppb
Potassium	39-2	2.99	-3.19	5.63	1.81	250.50	ppb
Rhodium	103-1				111		%
Rhodium	103-2				118		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	-0.33	0.19	0.19	0.02	1921.29	ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.51	-0.17	0.31	0.21	164.54	ppb
Silicon	28-1	-8.30	-6.96	-7.36	-7.54		ppb
Silver	107-1	0.09	0.09	0.08	0.09	5.99	ppb
Silver	109-1	0.11	0.08	0.08	0.09	19.80	ppb
Sodium	23-2	25.34	20.27	28.30	24.64	16.47	ppb
Strontium	86-1	0.08	-0.01	-0.02	0.02	277.80	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	15.01	ppb
Sulfur	34-1	-4256.12	-4045.99	-3997.29	-4099.80		ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.07	0.05	0.06	25.03	ppb
Thallium	205-1	0.05	0.06	0.06	0.05	4.94	ppb
Tin	118-1	-0.33	-0.33	-0.31	-0.32		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.04	-0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	111.94	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	0.29	0.21	0.35	0.28	24.36	ppb
Zirconium	90-1	0.22	0.14	0.28	0.21	31.55	ppb
Zirconium	91-1	0.24	0.32	0.32	0.30	15.41	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BL	Instrumnet Name :	P8
Client Sample ID :	PB139389BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:11:23	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.06	0.05	0.01	798.00	ppb
Antimony	121-1	0.03	0.01	0.01	0.01	81.00	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.12	0.02	0.02	0.05	105.34	ppb
Barium	137-1	0.18	0.01	0.01	0.07	150.26	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Boron	10-1	2.79	2.87	2.87	2.85	1.65	ppb
Boron	11-1	2.90	2.94	2.96	2.93	1.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.10	-0.08	-0.06		ppb
Cadmium	106-1	-0.64	-1.35	-1.17	-1.05		ppb
Cadmium	108-1	0.12	-0.12	-0.03	-0.01		ppb
Calcium	43-1	0.89	-0.08	-1.00	-0.07		ppb
Calcium	44-1	-1.88	0.26	-1.47	-1.03		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.05	-0.03	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	54-2	0.30	-0.01	0.27	0.19	91.16	ppb
Iron	56-2	0.05	0.19	-0.06	0.06	200.12	ppb
Iron	57-2	-0.47	-0.43	-0.39	-0.43		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BL	Instrumnet Name :	P8
Client Sample ID :	PB139389BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:11:23	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.00	0.01	0.02	147.69	ppb
Lead	207-1	0.03	0.01	0.04	0.03	46.13	ppb
Lead	208-1	0.04	0.01	0.01	0.02	80.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.34	-0.76	-0.19	-0.43		ppb
Manganese	55-2	0.02	0.02	0.01	0.02	32.57	ppb
Molybdenum	94-1	0.96	0.02	0.03	0.34	160.83	ppb
Molybdenum	95-1	0.74	0.01	0.00	0.25	170.60	ppb
Molybdenum	96-1	0.53	-0.01	-0.01	0.17	179.38	ppb
Molybdenum	97-1	0.48	0.00	0.01	0.16	170.00	ppb
Molybdenum	98-1	0.48	0.00	0.01	0.16	170.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.01	149.58	ppb
Phosphorus	31-2	-6.25	-23.08	-3.15	-10.83		ppb
Potassium	39-2	-2.14	-7.82	-10.74	-6.90		ppb
Rhodium	103-1				113		%
Rhodium	103-2				115		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	-0.16	-0.44	-0.17	-0.26		ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.71	0.27	0.36	0.45	52.71	ppb
Silicon	28-1	-10.37	-7.99	-9.51	-9.29		ppb
Silver	107-1	0.01	0.02	0.02	0.02	53.03	ppb
Silver	109-1	0.01	0.01	0.03	0.02	44.83	ppb
Sodium	23-2	0.31	-3.57	-9.02	-4.09		ppb
Strontium	86-1	1.10	0.02	-0.01	0.37	172.90	ppb
Strontium	88-1	1.16	0.00	0.01	0.39	170.52	ppb
Sulfur	34-1	-3615.45	-2710.99	-3018.02	-3114.82		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.02	0.02	0.02	44.42	ppb
Thallium	205-1	0.03	0.00	0.01	0.01	87.99	ppb
Tin	118-1	-0.26	-0.33	-0.32	-0.30		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BL	Instrumnet Name :	P8
Client Sample ID :	PB139389BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:11:23	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.00	-0.05	-0.01		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	0.00		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	0.46	0.28	0.17	0.30	47.59	ppb
Zirconium	90-1	2.24	0.07	0.05	0.79	159.76	ppb
Zirconium	91-1	2.38	0.21	0.11	0.90	142.60	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9743.91	9736.58	9690.25	9723.58	0.30	ppb
Antimony	121-1	489.98	496.91	563.70	516.86	7.88	ppb
Arsenic	75-2	494.85	500.10	496.23	497.06	0.55	ppb
Barium	135-1	2440.19	2442.90	2813.14	2565.41	8.36	ppb
Barium	137-1	2483.80	2477.90	2796.31	2586.00	7.04	ppb
Beryllium	9-1	512.47	503.78	526.66	514.30	2.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	454.25	467.61	509.61	477.15	6.05	ppb
Boron	11-1	493.73	502.29	554.23	516.75	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	492.89	495.23	573.66	520.59	8.83	ppb
Cadmium	106-1	503.03	496.85	570.36	523.41	7.79	ppb
Cadmium	108-1	499.95	502.53	563.64	522.04	6.91	ppb
Calcium	43-1	54385.04	53318.13	64244.38	57315.85	10.51	ppb
Calcium	44-1	52371.78	51193.81	61231.35	54932.31	9.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.11	497.60	504.26	498.99	0.95	ppb
Cobalt	59-2	495.80	497.76	500.80	498.12	0.51	ppb
Copper	63-2	4885.40	4931.35	4962.64	4926.46	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	54-2	26294.04	25856.11	25758.20	25969.45	1.10	ppb
Iron	56-2	25278.15	25208.81	25216.25	25234.40	0.15	ppb
Iron	57-2	24941.97	25569.67	25649.97	25387.20	1.53	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2455.04	2555.17	2848.29	2619.50	7.80	ppb
Lead	207-1	2434.17	2503.56	2873.65	2603.79	9.07	ppb
Lead	208-1	2437.14	2477.93	2863.29	2592.79	9.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	50729.02	51760.18	49732.85	50740.68	2.00	ppb
Manganese	55-2	4993.87	4947.24	4877.73	4939.62	1.18	ppb
Molybdenum	94-1	2479.95	2478.76	2694.99	2551.23	4.88	ppb
Molybdenum	95-1	2443.74	2441.16	2724.10	2536.33	6.41	ppb
Molybdenum	96-1	2435.50	2440.19	2765.58	2547.09	7.43	ppb
Molybdenum	97-1	2423.44	2443.45	2701.85	2522.91	6.15	ppb
Molybdenum	98-1	2446.84	2473.92	2756.98	2559.25	6.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.16	474.47	468.23	471.28	0.66	ppb
Phosphorus	31-2	9659.42	10404.82	9580.60	9881.61	4.60	ppb
Potassium	39-2	25217.06	24815.18	25151.18	25061.14	0.86	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	503.14	502.22	560.27	521.88	6.37	ppb
Selenium	77-2	503.48	496.42	490.15	496.68	1.34	ppb
Selenium	78-2	497.51	494.16	504.17	498.61	1.02	ppb
Silicon	28-1	503.08	527.34	617.10	549.18	10.94	ppb
Silver	107-1	505.09	505.63	583.91	531.54	8.53	ppb
Silver	109-1	508.87	513.73	572.16	531.59	6.63	ppb
Sodium	23-2	49951.16	51491.06	50534.44	50658.89	1.53	ppb
Strontium	86-1	4982.23	5071.18	5499.62	5184.34	5.34	ppb
Strontium	88-1	5013.82	5087.10	5454.69	5185.20	4.56	ppb
Sulfur	34-1	9462.03	9359.03	12588.55	10469.87	17.53	ppb
Terbium	159-1				110		%
Terbium	159-2				112		%
Thallium	203-1	495.77	507.20	593.29	532.09	10.02	ppb
Thallium	205-1	484.76	503.46	572.78	520.33	8.91	ppb
Tin	118-1	493.21	487.03	572.99	517.75	9.26	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2487.61	2420.94	2822.32	2576.96	8.35	ppb
Uranium	238-1	470.76	464.30	555.78	496.95	10.27	ppb
Vanadium	51-2	496.06	498.20	488.50	494.25	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				115		%
Zinc	66-2	4933.70	5004.88	4974.01	4970.86	0.72	ppb
Zirconium	90-1	4919.39	4955.63	5465.82	5113.61	5.98	ppb
Zirconium	91-1	5076.99	5069.25	5509.44	5218.56	4.83	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.08	-0.27	-0.13		ppb
Antimony	121-1	0.03	0.03	0.06	0.04	42.90	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.03	0.01	134.95	ppb
Barium	137-1	0.02	0.00	0.01	0.01	107.84	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	11.08	9.89	10.11	10.36	6.10	ppb
Boron	11-1	11.83	11.04	10.97	11.28	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.13	-0.16	-0.15		ppb
Cadmium	106-1	-1.92	-2.01	-2.31	-2.08		ppb
Cadmium	108-1	0.09	-0.15	0.08	0.01	2178.44	ppb
Calcium	43-1	0.15	-0.78	0.59	-0.02		ppb
Calcium	44-1	4.53	3.02	3.29	3.61	22.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.02	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	54-2	-0.15	-0.27	0.47	0.02	2333.10	ppb
Iron	56-2	0.09	-0.02	0.14	0.07	117.88	ppb
Iron	57-2	-1.34	-1.55	-0.57	-1.15		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.05	0.03	60.51	ppb
Lead	207-1	0.06	0.05	0.04	0.05	16.70	ppb
Lead	208-1	0.04	0.03	0.05	0.04	19.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	-0.39	-0.65	0.16	-0.30		ppb
Manganese	55-2	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	94-1	0.06	0.04	0.07	0.06	30.52	ppb
Molybdenum	95-1	0.07	0.03	0.03	0.04	56.55	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.54	ppb
Molybdenum	97-1	0.05	0.02	0.03	0.03	36.69	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	21.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	31.60	ppb
Phosphorus	31-2	-5.61	-3.73	26.57	5.74	314.60	ppb
Potassium	39-2	-9.23	-7.37	-7.55	-8.05		ppb
Rhodium	103-1				106		%
Rhodium	103-2				112		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	-0.49	-0.08	0.61	0.01	3878.02	ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	0.56	0.27	0.72	0.52	43.90	ppb
Silicon	28-1	-5.15	-6.43	-6.07	-5.88		ppb
Silver	107-1	0.04	0.05	0.05	0.04	5.89	ppb
Silver	109-1	0.03	0.04	0.05	0.04	13.02	ppb
Sodium	23-2	1.35	-1.54	-0.49	-0.22		ppb
Strontium	86-1	-0.03	0.05	0.06	0.02	209.20	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	25.77	ppb
Sulfur	34-1	-3538.74	-3723.00	-3434.82	-3565.52		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.03	0.03	0.02	22.84	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	30.68	ppb
Tin	118-1	-0.32	-0.31	-0.28	-0.30		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.02	0.01	-0.01		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	826.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				115		%
Zinc	66-2	0.09	0.06	0.32	0.16	87.52	ppb
Zirconium	90-1	0.04	0.11	0.15	0.10	54.48	ppb
Zirconium	91-1	0.18	0.09	-0.02	0.08	112.69	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:25:33 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4931.29	4880.16	4880.76	4897.40	0.60	ppb
Antimony	121-1	0.23	0.36	0.44	0.35	30.27	ppb
Arsenic	75-2	0.95	0.95	0.90	0.93	3.21	ppb
Barium	135-1	20.01	21.04	20.99	20.68	2.82	ppb
Barium	137-1	20.72	21.36	21.62	21.23	2.20	ppb
Beryllium	9-1	0.13	0.15	0.14	0.14	6.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	257.07	293.47	289.00	279.84	7.09	ppb
Boron	11-1	285.44	314.26	319.23	306.31	5.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.06	0.14	0.08	60.96	ppb
Cadmium	106-1	-0.04	-0.30	0.29	-0.02		ppb
Cadmium	108-1	0.12	0.11	0.06	0.10	33.40	ppb
Calcium	43-1	50170.01	51183.66	49843.64	50399.10	1.39	ppb
Calcium	44-1	49265.42	50198.24	49092.51	49518.72	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.93	3.01	2.92	2.95	1.82	ppb
Cobalt	59-2	17.33	17.11	17.05	17.17	0.88	ppb
Copper	63-2	15.89	15.74	15.73	15.79	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	44847.78	45252.64	45079.62	45060.01	0.45	ppb
Iron	56-2	45220.68	45614.06	44895.15	45243.29	0.80	ppb
Iron	57-2	45731.81	45126.90	44394.60	45084.44	1.49	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:25:33 DataFile Name : 050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.53	0.46	12.52	ppb
Lead	207-1	0.42	0.43	0.52	0.46	12.67	ppb
Lead	208-1	0.42	0.45	0.51	0.46	10.58	ppb
Lithium	6-1				94		%
Magnesium	24-2	9860.86	9411.36	9613.07	9628.43	2.34	ppb
Manganese	55-2	945.25	916.40	915.79	925.82	1.82	ppb
Molybdenum	94-1	0.36	0.40	0.33	0.36	8.93	ppb
Molybdenum	95-1	0.07	0.07	0.08	0.08	2.04	ppb
Molybdenum	96-1	0.50	0.51	0.51	0.51	1.17	ppb
Molybdenum	97-1	0.08	0.05	0.06	0.06	26.42	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	15.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.83	11.85	11.64	11.77	1.00	ppb
Phosphorus	31-2	277.03	234.75	259.12	256.97	8.26	ppb
Potassium	39-2	463.26	468.92	470.48	467.55	0.81	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	0.25	0.07	0.03	0.12	96.28	ppb
Selenium	77-2	12.48	9.20	9.51	10.40	17.41	ppb
Selenium	78-2	3.56	2.99	2.50	3.01	17.60	ppb
Silicon	28-1	7013.64	6943.69	6762.69	6906.67	1.88	ppb
Silver	107-1	0.11	0.13	0.13	0.13	9.45	ppb
Silver	109-1	0.12	0.13	0.16	0.14	14.11	ppb
Sodium	23-2	15141.76	14361.55	14287.60	14596.97	3.24	ppb
Strontium	86-1	125.04	127.88	125.59	126.17	1.20	ppb
Strontium	88-1	126.58	128.32	129.62	128.17	1.19	ppb
Sulfur	34-1	117738.49	122455.92	120047.39	120080.60	1.96	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.24	0.37	0.25	43.09	ppb
Thallium	205-1	0.19	0.23	0.37	0.26	36.38	ppb
Tin	118-1	-0.04	0.02	0.10	0.03	250.20	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:25:33	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.66	0.66	0.64	0.65	1.89	ppb
Uranium	238-1	0.70	0.69	0.71	0.70	1.47	ppb
Vanadium	51-2	48.68	49.50	49.31	49.16	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				117		%
Zinc	66-2	132.51	132.65	131.25	132.14	0.58	ppb
Zirconium	90-1	1.75	1.87	1.89	1.83	4.03	ppb
Zirconium	91-1	2.29	1.80	1.70	1.93	16.29	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:28:29 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4870.45	4852.41	4746.55	4823.14	1.39	ppb
Antimony	121-1	0.25	0.29	0.32	0.29	13.06	ppb
Arsenic	75-2	0.92	0.91	0.93	0.92	0.92	ppb
Barium	135-1	19.53	20.71	21.28	20.51	4.36	ppb
Barium	137-1	20.67	21.76	21.20	21.21	2.58	ppb
Beryllium	9-1	0.15	0.15	0.12	0.14	10.54	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	261.35	280.70	298.70	280.25	6.67	ppb
Boron	11-1	296.54	322.69	333.23	317.49	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.18	0.34	0.19	70.06	ppb
Cadmium	106-1	-0.91	0.79	2.10	0.66	228.77	ppb
Cadmium	108-1	-0.02	0.30	0.21	0.16	98.76	ppb
Calcium	43-1	48471.41	50746.30	50713.13	49976.95	2.61	ppb
Calcium	44-1	47700.31	48707.72	50695.67	49034.56	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.71	2.76	2.78	2.75	1.17	ppb
Cobalt	59-2	17.23	17.01	16.88	17.04	1.05	ppb
Copper	63-2	16.24	15.91	16.09	16.08	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				119		%
Indium	115-2				110		%
Iron	54-2	45255.23	45081.74	45039.94	45125.63	0.25	ppb
Iron	56-2	45939.85	45712.06	44262.96	45304.96	2.01	ppb
Iron	57-2	45557.77	44183.83	44441.75	44727.78	1.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:28:29	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.60	0.57	0.63	0.60	5.09	ppb
Lead	207-1	0.52	0.57	0.59	0.56	7.28	ppb
Lead	208-1	0.56	0.58	0.61	0.58	4.57	ppb
Lithium	6-1				93		%
Magnesium	24-2	9827.22	9676.43	9527.35	9677.00	1.55	ppb
Manganese	55-2	912.41	922.47	917.31	917.40	0.55	ppb
Molybdenum	94-1	0.42	0.45	0.46	0.44	5.31	ppb
Molybdenum	95-1	0.10	0.09	0.11	0.10	12.06	ppb
Molybdenum	96-1	0.52	0.52	0.55	0.53	3.08	ppb
Molybdenum	97-1	0.12	0.07	0.11	0.10	22.66	ppb
Molybdenum	98-1	0.09	0.08	0.06	0.08	16.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.85	11.59	11.94	11.80	1.55	ppb
Phosphorus	31-2	254.17	255.80	189.17	233.05	16.31	ppb
Potassium	39-2	464.06	478.99	459.53	467.53	2.18	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				119		%
Scandium	45-2				115		%
Selenium	82-1	0.09	0.26	0.06	0.14	82.51	ppb
Selenium	77-2	5.79	10.86	10.24	8.96	30.81	ppb
Selenium	78-2	2.88	2.80	3.34	3.01	9.65	ppb
Silicon	28-1	6137.31	6640.70	6822.99	6533.67	5.44	ppb
Silver	107-1	0.14	0.20	0.21	0.18	19.93	ppb
Silver	109-1	0.15	0.21	0.18	0.18	16.97	ppb
Sodium	23-2	15049.82	14847.32	14206.83	14701.32	2.99	ppb
Strontium	86-1	120.40	122.73	123.03	122.05	1.18	ppb
Strontium	88-1	123.08	122.98	126.91	124.32	1.80	ppb
Sulfur	34-1	110173.05	116965.98	122926.75	116688.60	5.47	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.35	0.41	0.50	0.42	17.27	ppb
Thallium	205-1	0.32	0.38	0.50	0.40	23.05	ppb
Tin	118-1	0.16	0.26	0.30	0.24	30.84	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:28:29	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.85	0.64	0.83	0.77	14.97	ppb
Uranium	238-1	0.68	0.68	0.72	0.69	3.52	ppb
Vanadium	51-2	50.48	49.10	47.90	49.16	2.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	132.47	134.58	131.46	132.84	1.20	ppb
Zirconium	90-1	2.07	2.19	2.25	2.17	4.24	ppb
Zirconium	91-1	2.26	2.27	2.46	2.33	4.66	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDLX25	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	25
Date & Time Acquired ::	2021-10-05 15:31:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	973.02	989.70	993.50	985.41	1.11	ppb
Antimony	121-1	0.61	0.64	0.62	0.62	2.50	ppb
Arsenic	75-2	0.70	0.72	0.85	0.76	10.18	ppb
Barium	135-1	6.48	6.99	6.97	6.81	4.18	ppb
Barium	137-1	6.09	6.79	6.59	6.49	5.61	ppb
Beryllium	9-1	0.49	0.59	0.50	0.53	10.86	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	10-1	75.10	82.18	80.90	79.39	4.76	ppb
Boron	11-1	85.54	96.02	93.02	91.52	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.64	0.78	0.59	0.67	14.82	ppb
Cadmium	106-1	1.32	2.10	0.47	1.29	62.95	ppb
Cadmium	108-1	0.64	1.05	0.78	0.82	25.33	ppb
Calcium	43-1	8562.67	9899.78	9804.59	9422.35	7.92	ppb
Calcium	44-1	8739.30	9728.56	9625.52	9364.46	5.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.09	1.09	1.15	1.11	3.22	ppb
Cobalt	59-2	3.80	3.85	3.95	3.86	1.98	ppb
Copper	63-2	8.94	8.87	8.93	8.91	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				108		%
Indium	115-1				122		%
Indium	115-2				112		%
Iron	54-2	8958.13	8805.87	9049.80	8937.94	1.38	ppb
Iron	56-2	8724.96	8854.19	8899.99	8826.38	1.03	ppb
Iron	57-2	8380.91	8295.38	8500.54	8392.28	1.23	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDLX25	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01I	Dilution Factor :	25
Date & Time Acquired ::	2021-10-05 15:31:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.43	2.77	2.71	2.64	6.95	ppb
Lead	207-1	2.51	2.80	2.71	2.68	5.58	ppb
Lead	208-1	2.41	2.71	2.64	2.59	6.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	2071.01	2100.81	2112.68	2094.84	1.02	ppb
Manganese	55-2	173.77	177.33	175.42	175.51	1.02	ppb
Molybdenum	94-1	5.28	5.89	5.74	5.64	5.59	ppb
Molybdenum	95-1	2.40	2.66	2.73	2.59	6.72	ppb
Molybdenum	96-1	2.82	3.17	2.97	2.99	5.92	ppb
Molybdenum	97-1	2.39	2.65	2.64	2.56	5.67	ppb
Molybdenum	98-1	2.33	2.69	2.65	2.56	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.78	2.78	2.97	2.84	3.79	ppb
Phosphorus	31-2	81.54	66.58	69.30	72.47	11.00	ppb
Potassium	39-2	218.30	227.15	233.00	226.15	3.27	ppb
Rhodium	103-1				119		%
Rhodium	103-2				114		%
Scandium	45-1				121		%
Scandium	45-2				116		%
Selenium	82-1	0.29	0.53	1.23	0.68	70.83	ppb
Selenium	77-2	2.90	2.52	3.50	2.97	16.62	ppb
Selenium	78-2	1.42	1.18	1.37	1.33	9.85	ppb
Silicon	28-1	1065.91	1287.04	1255.82	1202.92	9.95	ppb
Silver	107-1	0.56	0.66	0.63	0.62	8.18	ppb
Silver	109-1	0.52	0.58	0.60	0.57	7.59	ppb
Sodium	23-2	3204.70	3157.72	3214.38	3192.27	0.95	ppb
Strontium	86-1	24.05	27.58	27.09	26.24	7.29	ppb
Strontium	88-1	23.88	27.31	26.65	25.95	7.00	ppb
Sulfur	34-1	16415.12	21289.49	19714.70	19139.77	13.00	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.58	0.66	0.64	0.63	6.93	ppb
Thallium	205-1	0.59	0.67	0.66	0.64	6.68	ppb
Tin	118-1	0.21	0.34	0.26	0.27	23.58	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDLX25	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	25
Date & Time Acquired ::	2021-10-05 15:31:22	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.38	2.92	2.62	2.64	10.24	ppb
Uranium	238-1	0.51	0.63	0.64	0.59	12.21	ppb
Vanadium	51-2	9.90	9.97	10.16	10.01	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				117		%
Zinc	66-2	31.77	31.58	31.79	31.72	0.37	ppb
Zirconium	90-1	23.14	26.17	25.66	24.99	6.48	ppb
Zirconium	91-1	24.03	25.30	25.78	25.04	3.61	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:34:20 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6850.50	6895.75	6874.87	6873.71	0.33	ppb
Antimony	121-1	180.35	169.34	162.19	170.63	5.36	ppb
Arsenic	75-2	175.36	177.35	179.39	177.37	1.13	ppb
Barium	135-1	623.76	593.17	557.16	591.36	5.64	ppb
Barium	137-1	634.62	590.18	557.38	594.06	6.53	ppb
Beryllium	9-1	111.03	105.38	99.17	105.19	5.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	398.59	402.58	386.97	396.05	2.05	ppb
Boron	11-1	454.91	461.55	449.39	455.28	1.34	ppb
Bromine	81-1						cps
Cadmium	111-1	126.05	120.58	114.69	120.44	4.72	ppb
Cadmium	106-1	125.89	115.46	110.37	117.24	6.75	ppb
Cadmium	108-1	128.11	116.49	111.05	118.55	7.35	ppb
Calcium	43-1	68724.44	62820.78	58934.45	63493.22	7.76	ppb
Calcium	44-1	66264.73	62333.92	58215.21	62271.29	6.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.54	131.36	129.21	129.37	1.48	ppb
Cobalt	59-2	127.32	127.36	127.91	127.53	0.26	ppb
Copper	63-2	1073.50	1103.48	1086.44	1087.81	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				108		%
Iron	54-2	50255.52	48993.67	49091.54	49446.91	1.42	ppb
Iron	56-2	50276.71	49452.34	49159.68	49629.58	1.17	ppb
Iron	57-2	47897.07	49914.09	48741.60	48850.92	2.07	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:34:20	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	612.47	578.66	544.99	578.71	5.83	ppb
Lead	207-1	616.79	583.53	544.89	581.73	6.19	ppb
Lead	208-1	611.10	573.61	541.73	575.48	6.03	ppb
Lithium	6-1				86		%
Magnesium	24-2	19131.61	18677.18	19387.34	19065.38	1.89	ppb
Manganese	55-2	1996.42	1976.41	1922.31	1965.05	1.95	ppb
Molybdenum	94-1	822.29	800.91	725.19	782.80	6.52	ppb
Molybdenum	95-1	974.06	949.70	866.81	930.19	6.04	ppb
Molybdenum	96-1	954.30	932.88	842.61	909.93	6.51	ppb
Molybdenum	97-1	979.91	956.55	862.94	933.13	6.63	ppb
Molybdenum	98-1	964.34	951.32	852.62	922.76	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.73	145.24	146.16	145.38	0.50	ppb
Phosphorus	31-2	1075.18	1140.21	1211.18	1142.19	5.96	ppb
Potassium	39-2	6715.81	6553.37	6663.17	6644.12	1.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	305.94	290.11	271.04	289.03	6.05	ppb
Selenium	77-2	300.14	265.69	281.37	282.40	6.11	ppb
Selenium	78-2	280.31	284.55	286.62	283.83	1.13	ppb
Silicon	28-1	7285.67	6611.80	6192.59	6696.69	8.23	ppb
Silver	107-1	160.76	152.89	150.09	154.58	3.58	ppb
Silver	109-1	165.96	154.45	146.06	155.49	6.43	ppb
Sodium	23-2	24374.73	24153.20	24594.18	24374.04	0.90	ppb
Strontium	86-1	1181.97	1092.29	1032.36	1102.21	6.83	ppb
Strontium	88-1	1171.32	1089.92	1050.77	1104.00	5.57	ppb
Sulfur	34-1	133872.87	118898.24	111064.42	121278.51	9.56	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	301.39	300.60	269.13	290.37	6.34	ppb
Thallium	205-1	297.37	284.62	267.66	283.22	5.26	ppb
Tin	118-1	186.46	172.09	168.62	175.73	5.38	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:34:20	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1010.57	894.91	849.89	918.46	9.03	ppb
Uranium	238-1	99.41	92.91	86.85	93.05	6.75	ppb
Vanadium	51-2	168.35	168.19	168.11	168.21	0.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	1162.06	1169.83	1157.47	1163.12	0.54	ppb
Zirconium	90-1	972.66	939.60	883.88	932.05	4.81	ppb
Zirconium	91-1	934.66	910.68	835.56	893.63	5.79	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:37:13 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6793.34	6893.19	6827.26	6837.93	0.74	ppb
Antimony	121-1	162.71	161.85	177.56	167.37	5.28	ppb
Arsenic	75-2	174.38	173.15	173.19	173.58	0.40	ppb
Barium	135-1	558.07	536.27	599.92	564.75	5.73	ppb
Barium	137-1	564.84	537.04	605.88	569.25	6.08	ppb
Beryllium	9-1	99.24	102.51	96.71	99.49	2.92	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	382.25	425.14	401.66	403.02	5.33	ppb
Boron	11-1	451.52	485.24	475.75	470.84	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	112.22	110.89	120.04	114.38	4.32	ppb
Cadmium	106-1	112.10	103.63	117.24	110.99	6.19	ppb
Cadmium	108-1	114.46	109.68	119.08	114.41	4.11	ppb
Calcium	43-1	60665.70	54959.52	62565.83	59397.02	6.66	ppb
Calcium	44-1	59924.14	57380.78	61936.34	59747.09	3.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.06	128.19	129.38	127.54	1.75	ppb
Cobalt	59-2	124.97	127.20	127.98	126.72	1.23	ppb
Copper	63-2	1061.33	1099.05	1111.13	1090.51	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				118		%
Indium	115-2				106		%
Iron	54-2	49584.73	50479.89	49806.74	49957.12	0.93	ppb
Iron	56-2	48580.05	49497.22	50099.04	49392.10	1.55	ppb
Iron	57-2	46755.11	49114.39	49033.22	48300.91	2.77	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:37:13	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	571.88	547.35	570.34	563.19	2.44	ppb
Lead	207-1	570.61	524.13	580.54	558.43	5.39	ppb
Lead	208-1	555.33	516.43	565.29	545.68	4.73	ppb
Lithium	6-1				87		%
Magnesium	24-2	19219.55	19659.76	19128.16	19335.83	1.47	ppb
Manganese	55-2	1939.20	1944.67	1961.29	1948.39	0.59	ppb
Molybdenum	94-1	754.19	714.35	770.77	746.43	3.89	ppb
Molybdenum	95-1	896.16	837.27	883.92	872.45	3.56	ppb
Molybdenum	96-1	864.64	806.71	878.43	849.92	4.48	ppb
Molybdenum	97-1	898.63	849.82	909.47	885.97	3.59	ppb
Molybdenum	98-1	889.06	843.35	885.38	872.60	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.84	145.74	147.80	145.79	1.36	ppb
Phosphorus	31-2	1209.78	1135.54	936.83	1094.05	12.90	ppb
Potassium	39-2	6641.96	6460.39	6424.24	6508.86	1.79	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				119		%
Scandium	45-2				114		%
Selenium	82-1	270.81	261.33	279.75	270.63	3.40	ppb
Selenium	77-2	265.41	274.02	278.39	272.61	2.42	ppb
Selenium	78-2	275.74	275.65	275.68	275.69	0.02	ppb
Silicon	28-1	6303.94	5922.34	6617.76	6281.35	5.54	ppb
Silver	107-1	147.45	146.02	159.05	150.84	4.74	ppb
Silver	109-1	148.34	144.46	156.02	149.60	3.93	ppb
Sodium	23-2	23868.13	24647.60	24361.94	24292.56	1.62	ppb
Strontium	86-1	1052.54	1011.50	1073.32	1045.79	3.01	ppb
Strontium	88-1	1042.92	1000.14	1055.29	1032.78	2.80	ppb
Sulfur	34-1	112561.35	104136.63	116870.16	111189.38	5.82	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	272.43	274.21	277.17	274.60	0.87	ppb
Thallium	205-1	270.53	258.48	280.84	269.95	4.15	ppb
Tin	118-1	168.46	162.75	179.36	170.19	4.96	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:37:13	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	893.27	846.37	913.24	884.30	3.88	ppb
Uranium	238-1	86.81	86.84	91.57	88.41	3.10	ppb
Vanadium	51-2	162.63	171.18	169.37	167.73	2.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				116		%
Zinc	66-2	1122.49	1160.47	1180.97	1154.64	2.57	ppb
Zirconium	90-1	877.79	835.51	880.56	864.62	2.92	ppb
Zirconium	91-1	852.42	798.45	865.57	838.81	4.24	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:40:09 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6806.86	6880.00	7273.41	6986.76	3.59	ppb
Antimony	121-1	160.38	163.82	162.27	162.16	1.07	ppb
Arsenic	75-2	171.80	167.61	182.28	173.90	4.35	ppb
Barium	135-1	559.29	564.40	558.44	560.71	0.58	ppb
Barium	137-1	549.42	553.68	552.22	551.77	0.39	ppb
Beryllium	9-1	102.51	99.08	101.81	101.13	1.79	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	421.15	405.22	423.74	416.70	2.41	ppb
Boron	11-1	481.41	464.84	497.75	481.33	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	112.09	113.96	114.33	113.46	1.06	ppb
Cadmium	106-1	107.62	109.71	107.13	108.15	1.26	ppb
Cadmium	108-1	112.84	113.75	112.03	112.87	0.76	ppb
Calcium	43-1	60965.83	60491.23	63102.18	61519.75	2.26	ppb
Calcium	44-1	59654.40	60905.27	59959.63	60173.10	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.03	129.42	138.45	132.30	4.03	ppb
Cobalt	59-2	128.29	125.49	134.50	129.43	3.57	ppb
Copper	63-2	1105.57	1112.91	1137.61	1118.70	1.50	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				111		%
Holmium	165-2				104		%
Indium	115-1				116		%
Indium	115-2				104		%
Iron	54-2	48456.34	49697.33	53437.62	50530.43	5.13	ppb
Iron	56-2	48575.89	50969.53	52072.69	50539.37	3.54	ppb
Iron	57-2	48961.61	49750.54	52447.73	50386.63	3.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:40:09	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	549.29	555.63	574.70	559.87	2.36	ppb
Lead	207-1	552.42	551.55	579.55	561.17	2.84	ppb
Lead	208-1	539.66	545.72	562.46	549.28	2.15	ppb
Lithium	6-1				84		%
Magnesium	24-2	19138.82	19103.27	20987.84	19743.31	5.46	ppb
Manganese	55-2	1939.64	2014.50	2081.56	2011.90	3.53	ppb
Molybdenum	94-1	759.01	768.97	743.25	757.08	1.71	ppb
Molybdenum	95-1	890.81	908.47	864.80	888.03	2.47	ppb
Molybdenum	96-1	857.03	880.60	845.05	860.89	2.10	ppb
Molybdenum	97-1	878.98	889.81	875.06	881.28	0.87	ppb
Molybdenum	98-1	878.77	885.52	859.91	874.73	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.66	146.29	157.90	150.28	4.39	ppb
Phosphorus	31-2	1047.44	1060.49	1190.57	1099.50	7.20	ppb
Potassium	39-2	6570.66	6543.14	6968.73	6694.17	3.56	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				109		%
Selenium	82-1	276.33	278.98	273.41	276.24	1.01	ppb
Selenium	77-2	277.39	283.31	298.43	286.37	3.79	ppb
Selenium	78-2	275.77	265.10	290.81	277.23	4.66	ppb
Silicon	28-1	6456.05	6156.64	6333.87	6315.52	2.38	ppb
Silver	107-1	143.15	148.18	146.21	145.85	1.74	ppb
Silver	109-1	145.00	146.40	146.83	146.08	0.66	ppb
Sodium	23-2	24286.76	24705.46	26051.90	25014.71	3.69	ppb
Strontium	86-1	1071.55	1073.31	1055.71	1066.86	0.91	ppb
Strontium	88-1	1054.65	1055.65	1048.54	1052.95	0.37	ppb
Sulfur	34-1	115925.15	115252.12	110109.54	113762.27	2.80	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	269.98	278.99	274.86	274.61	1.64	ppb
Thallium	205-1	262.70	270.86	275.13	269.56	2.34	ppb
Tin	118-1	168.25	168.12	166.35	167.57	0.63	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:40:09	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	866.58	875.07	884.12	875.26	1.00	ppb
Uranium	238-1	90.04	90.63	89.00	89.89	0.92	ppb
Vanadium	51-2	167.57	170.07	178.60	172.08	3.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	1159.34	1171.53	1224.57	1185.15	2.93	ppb
Zirconium	90-1	882.72	891.86	877.87	884.15	0.80	ppb
Zirconium	91-1	858.07	865.18	843.98	855.74	1.26	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-16DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-02I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:43:02 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2928.23	2916.05	3212.12	3018.80	5.55	ppb
Antimony	121-1	0.32	0.33	0.36	0.33	5.88	ppb
Arsenic	75-2	0.72	0.77	0.89	0.79	10.99	ppb
Barium	135-1	21.18	20.45	21.87	21.17	3.36	ppb
Barium	137-1	21.58	21.35	21.70	21.54	0.83	ppb
Beryllium	9-1	0.12	0.12	0.11	0.12	7.66	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	283.64	312.78	320.59	305.67	6.37	ppb
Boron	11-1	320.28	363.87	376.78	353.64	8.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.07	0.15	0.06	181.98	ppb
Cadmium	106-1	-1.90	-0.63	0.50	-0.67		ppb
Cadmium	108-1	0.01	-0.03	0.12	0.03	213.83	ppb
Calcium	43-1	55167.86	56596.49	55991.36	55918.57	1.28	ppb
Calcium	44-1	54710.93	55335.29	55938.94	55328.39	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.25	2.31	2.67	2.41	9.36	ppb
Cobalt	59-2	17.17	17.12	18.92	17.74	5.78	ppb
Copper	63-2	14.85	14.88	16.54	15.42	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				116		%
Indium	115-2				101		%
Iron	54-2	36882.71	37488.86	40999.96	38457.18	5.78	ppb
Iron	56-2	37346.17	36639.24	40883.47	38289.63	5.94	ppb
Iron	57-2	37775.43	37173.45	40590.98	38513.29	4.74	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-16DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-02I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:43:02	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.34	0.31	0.33	5.16	ppb
Lead	207-1	0.30	0.31	0.31	0.30	2.11	ppb
Lead	208-1	0.29	0.33	0.32	0.31	5.86	ppb
Lithium	6-1				83		%
Magnesium	24-2	7972.28	8049.23	8585.07	8202.19	4.07	ppb
Manganese	55-2	999.94	981.21	1080.89	1020.68	5.19	ppb
Molybdenum	94-1	0.52	0.49	0.45	0.49	7.27	ppb
Molybdenum	95-1	0.25	0.23	0.20	0.22	10.70	ppb
Molybdenum	96-1	0.54	0.59	0.51	0.55	6.67	ppb
Molybdenum	97-1	0.22	0.24	0.19	0.22	12.99	ppb
Molybdenum	98-1	0.20	0.22	0.19	0.20	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.46	10.68	11.40	10.85	4.54	ppb
Phosphorus	31-2	85.29	93.98	62.70	80.66	20.02	ppb
Potassium	39-2	496.50	498.93	548.61	514.68	5.71	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				107		%
Selenium	82-1	0.21	0.18	-0.36	0.01	5006.79	ppb
Selenium	77-2	10.55	3.68	5.69	6.64	53.14	ppb
Selenium	78-2	2.59	1.74	2.94	2.42	25.40	ppb
Silicon	28-1	6254.96	6216.01	6270.48	6247.15	0.45	ppb
Silver	107-1	0.20	0.14	0.12	0.15	27.67	ppb
Silver	109-1	0.16	0.15	0.14	0.15	5.01	ppb
Sodium	23-2	18461.05	18222.81	19869.81	18851.22	4.72	ppb
Strontium	86-1	142.08	145.55	144.69	144.11	1.25	ppb
Strontium	88-1	148.41	148.63	148.53	148.52	0.08	ppb
Sulfur	34-1	111972.87	112903.58	114423.35	113099.93	1.09	ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	0.16	0.19	0.21	0.19	13.46	ppb
Thallium	205-1	0.16	0.20	0.23	0.20	16.04	ppb
Tin	118-1	0.18	0.28	0.36	0.27	33.47	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-16DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-02I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:43:02	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.54	0.68	0.56	18.76	ppb
Uranium	238-1	0.59	0.61	0.60	0.60	1.90	ppb
Vanadium	51-2	30.75	30.36	33.48	31.53	5.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				108		%
Zinc	66-2	131.47	130.38	145.08	135.64	6.04	ppb
Zirconium	90-1	1.93	1.86	1.98	1.92	3.23	ppb
Zirconium	91-1	2.04	1.87	2.16	2.02	7.28	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47500.27	49152.39	49735.05	48795.90	2.38	ppb
Antimony	121-1	466.04	496.24	483.91	482.07	3.15	ppb
Arsenic	75-2	509.38	526.50	528.47	521.45	2.01	ppb
Barium	135-1	2406.60	2484.30	2506.17	2465.69	2.12	ppb
Barium	137-1	2437.18	2479.27	2539.40	2485.28	2.07	ppb
Beryllium	9-1	467.19	484.62	488.44	480.09	2.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	463.82	495.58	524.85	494.75	6.17	ppb
Boron	11-1	515.65	545.21	572.07	544.31	5.18	ppb
Bromine	81-1						cps
Cadmium	111-1	496.76	491.54	516.53	501.61	2.63	ppb
Cadmium	106-1	466.58	495.70	490.86	484.38	3.22	ppb
Cadmium	108-1	479.81	501.69	500.27	493.93	2.48	ppb
Calcium	43-1	243039.54	249786.43	240669.18	244498.38	1.93	ppb
Calcium	44-1	245459.26	245958.94	237789.77	243069.33	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.49	491.08	503.21	496.26	1.26	ppb
Cobalt	59-2	510.48	508.75	509.64	509.62	0.17	ppb
Copper	63-2	4982.16	4922.72	5102.40	5002.43	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	125010.60	126041.48	126079.08	125710.39	0.48	ppb
Iron	56-2	123570.55	124244.46	127462.06	125092.36	1.66	ppb
Iron	57-2	122418.70	121385.26	121200.64	121668.20	0.54	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2565.05	2572.02	2552.68	2563.25	0.38	ppb
Lead	207-1	2518.82	2542.44	2569.27	2543.51	0.99	ppb
Lead	208-1	2549.58	2530.42	2545.60	2541.87	0.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	241456.32	246780.92	252580.42	246939.22	2.25	ppb
Manganese	55-2	5032.08	5030.61	5185.11	5082.60	1.75	ppb
Molybdenum	94-1	2385.43	2474.38	2550.41	2470.08	3.34	ppb
Molybdenum	95-1	2408.58	2485.57	2491.94	2462.03	1.88	ppb
Molybdenum	96-1	2354.73	2494.06	2473.52	2440.77	3.08	ppb
Molybdenum	97-1	2314.84	2461.10	2444.10	2406.68	3.32	ppb
Molybdenum	98-1	2331.72	2490.74	2428.84	2417.10	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.70	475.68	493.85	483.74	1.91	ppb
Phosphorus	31-2	9733.35	9361.32	9766.51	9620.40	2.34	ppb
Potassium	39-2	123141.87	122749.88	124317.71	123403.15	0.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	485.37	503.09	506.31	498.26	2.26	ppb
Selenium	77-2	460.31	498.73	477.02	478.69	4.02	ppb
Selenium	78-2	492.18	514.85	510.49	505.84	2.38	ppb
Silicon	28-1	475.49	498.62	498.67	490.93	2.72	ppb
Silver	107-1	484.19	503.16	503.36	496.90	2.22	ppb
Silver	109-1	488.90	500.28	503.59	497.59	1.55	ppb
Sodium	23-2	249544.77	249193.11	255968.11	251568.66	1.52	ppb
Strontium	86-1	4811.71	5010.51	4994.66	4938.96	2.24	ppb
Strontium	88-1	4778.17	4978.74	4930.96	4895.96	2.14	ppb
Sulfur	34-1	8167.17	8806.98	8142.35	8372.17	4.50	ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	508.80	514.63	531.53	518.32	2.28	ppb
Thallium	205-1	514.77	506.57	521.02	514.12	1.41	ppb
Tin	118-1	469.99	498.25	498.28	488.84	3.34	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2456.49	2446.72	2492.15	2465.12	0.97	ppb
Uranium	238-1	503.78	500.45	517.17	507.13	1.75	ppb
Vanadium	51-2	500.74	489.72	503.26	497.91	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	4856.92	4860.23	5012.13	4909.76	1.81	ppb
Zirconium	90-1	4876.52	4934.85	5061.02	4957.46	1.90	ppb
Zirconium	91-1	4909.57	5050.05	5078.18	5012.60	1.80	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:18:41	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.24	-0.02	0.13	101.86	ppb
Antimony	121-1	0.02	0.03	0.05	0.04	37.43	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.02	0.00	0.01	0.01	61.54	ppb
Barium	137-1	0.01	0.01	0.01	0.01	11.03	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	13.72	16.86	14.56	15.05	10.78	ppb
Boron	11-1	14.91	17.83	15.78	16.17	9.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.08	0.01	-0.05		ppb
Cadmium	106-1	-1.32	-1.43	-0.37	-1.04		ppb
Cadmium	108-1	-0.05	-0.14	-0.08	-0.09		ppb
Calcium	43-1	-1.32	1.24	1.59	0.50	316.94	ppb
Calcium	44-1	12.76	28.09	21.01	20.62	37.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	-0.01	0.01	352.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.04	0.04	27.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	0.40	0.61	0.86	0.63	36.43	ppb
Iron	56-2	0.29	0.46	0.43	0.39	23.18	ppb
Iron	57-2	-1.52	-0.01	-0.48	-0.67		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:18:41	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.10	0.10	0.09	22.13	ppb
Lead	207-1	0.07	0.11	0.13	0.11	27.96	ppb
Lead	208-1	0.07	0.11	0.10	0.09	23.67	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.71	0.42	-0.15	0.33	134.93	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	73.45	ppb
Molybdenum	94-1	0.05	0.05	0.03	0.04	28.61	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	26.12	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.05	14.33	ppb
Molybdenum	97-1	0.05	0.04	0.02	0.04	42.96	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	40.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	149.40	ppb
Phosphorus	31-2	-10.62	-1.91	15.82	1.10	1226.76	ppb
Potassium	39-2	-5.00	0.48	-9.27	-4.59		ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	0.01	-0.58	-0.08	-0.21		ppb
Selenium	77-2	-0.36	0.66	-0.36	-0.02		ppb
Selenium	78-2	-0.15	-0.30	0.68	0.08	675.67	ppb
Silicon	28-1	-11.68	1.36	-4.48	-4.93		ppb
Silver	107-1	0.05	0.08	0.06	0.07	21.69	ppb
Silver	109-1	0.06	0.07	0.07	0.07	9.67	ppb
Sodium	23-2	22.20	20.65	22.74	21.86	4.95	ppb
Strontium	86-1	-0.01	0.07	0.08	0.05	104.84	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.05	ppb
Sulfur	34-1	-4218.36	-1620.31	-2934.11	-2924.26		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.04	0.03	0.02	66.35	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	27.37	ppb
Tin	118-1	-0.32	-0.29	-0.31	-0.31		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:18:41	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.00	0.05	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				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.17	0.15	0.26	0.19	30.99	ppb
Zirconium	90-1	0.03	0.17	0.05	0.09	89.24	ppb
Zirconium	91-1	0.03	0.21	0.03	0.09	117.86	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-18DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-03I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:21:41 DataFile Name : 060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2753.26	2732.43	2731.33	2739.01	0.45	ppb
Antimony	121-1	0.27	0.33	0.35	0.32	13.05	ppb
Arsenic	75-2	0.69	0.65	0.74	0.69	6.17	ppb
Barium	135-1	22.68	22.17	22.00	22.28	1.59	ppb
Barium	137-1	23.14	21.93	22.32	22.46	2.75	ppb
Beryllium	9-1	0.12	0.12	0.14	0.13	9.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	266.52	282.32	270.89	273.24	2.99	ppb
Boron	11-1	300.83	324.95	306.81	310.86	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	0.05	-0.01	-0.02		ppb
Cadmium	106-1	-2.24	-0.45	-1.69	-1.46		ppb
Cadmium	108-1	0.17	0.05	0.01	0.08	104.38	ppb
Calcium	43-1	60004.74	56298.42	57641.47	57981.54	3.24	ppb
Calcium	44-1	58849.33	56147.24	56505.56	57167.38	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.69	1.73	1.71	1.23	ppb
Cobalt	59-2	17.17	17.17	17.02	17.12	0.50	ppb
Copper	63-2	13.67	13.58	13.18	13.48	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				111		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	54-2	38194.03	39089.56	37557.11	38280.23	2.01	ppb
Iron	56-2	38669.07	37985.03	37793.62	38149.24	1.21	ppb
Iron	57-2	38856.60	38455.12	37340.03	38217.25	2.06	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-18DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-03I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:21:41	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.31	0.30	0.31	2.09	ppb
Lead	207-1	0.32	0.33	0.31	0.32	2.34	ppb
Lead	208-1	0.30	0.29	0.30	0.30	2.43	ppb
Lithium	6-1				91		%
Magnesium	24-2	8440.28	7844.68	8029.52	8104.83	3.76	ppb
Manganese	55-2	1021.56	1004.07	1015.99	1013.87	0.88	ppb
Molybdenum	94-1	0.39	0.37	0.36	0.37	3.86	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	14.39	ppb
Molybdenum	96-1	0.48	0.40	0.39	0.42	11.68	ppb
Molybdenum	97-1	0.06	0.05	0.07	0.06	10.13	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	14.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.19	9.81	10.23	10.08	2.30	ppb
Phosphorus	31-2	87.30	83.54	84.31	85.05	2.33	ppb
Potassium	39-2	556.05	560.93	564.32	560.43	0.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	82-1	0.25	0.12	0.09	0.15	57.48	ppb
Selenium	77-2	6.84	4.97	3.08	4.96	37.95	ppb
Selenium	78-2	1.58	2.33	1.86	1.92	19.69	ppb
Silicon	28-1	6951.02	6473.63	6442.47	6622.37	4.30	ppb
Silver	107-1	0.12	0.10	0.10	0.11	12.15	ppb
Silver	109-1	0.12	0.10	0.11	0.11	10.01	ppb
Sodium	23-2	21247.81	20022.43	20996.56	20755.60	3.12	ppb
Strontium	86-1	156.81	148.40	149.53	151.58	3.01	ppb
Strontium	88-1	160.21	150.10	151.42	153.91	3.57	ppb
Sulfur	34-1	124669.57	115223.70	113689.85	117861.04	5.04	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.13	0.13	0.12	19.02	ppb
Thallium	205-1	0.11	0.12	0.17	0.13	23.60	ppb
Tin	118-1	0.00	0.01	0.10	0.04	150.00	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-18DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-03I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:21:41	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.48	0.60	0.57	13.08	ppb
Uranium	238-1	0.61	0.60	0.59	0.60	1.99	ppb
Vanadium	51-2	31.63	31.07	31.15	31.29	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	149.24	149.02	149.05	149.10	0.08	ppb
Zirconium	90-1	2.08	1.91	1.97	1.99	4.23	ppb
Zirconium	91-1	1.82	2.05	2.07	1.98	7.21	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-20DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-04I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:24:36 DataFile Name : 061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3287.75	3226.46	3068.44	3194.22	3.54	ppb
Antimony	121-1	0.19	0.23	0.24	0.22	11.86	ppb
Arsenic	75-2	0.80	0.72	0.65	0.72	10.03	ppb
Barium	135-1	24.75	22.67	22.77	23.39	5.02	ppb
Barium	137-1	24.50	23.01	23.30	23.60	3.35	ppb
Beryllium	9-1	0.13	0.11	0.12	0.12	7.93	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	293.24	294.82	308.28	298.78	2.77	ppb
Boron	11-1	327.15	340.72	353.88	340.58	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.14	0.07	0.10	37.57	ppb
Cadmium	106-1	-0.49	0.13	-0.64	-0.33		ppb
Cadmium	108-1	0.22	0.13	0.12	0.16	35.80	ppb
Calcium	43-1	62204.37	61962.99	58810.19	60992.51	3.10	ppb
Calcium	44-1	62246.38	59831.14	59001.03	60359.52	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.00	1.85	1.94	3.97	ppb
Cobalt	59-2	17.56	17.25	16.36	17.06	3.67	ppb
Copper	63-2	14.64	14.20	13.60	14.15	3.67	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				112		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				111		%
Iron	54-2	39107.01	39832.73	37766.81	38902.18	2.69	ppb
Iron	56-2	40928.98	39740.21	37794.78	39487.99	4.01	ppb
Iron	57-2	40048.37	39845.06	37954.53	39282.65	2.94	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-20DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-04I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:24:36	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.34	0.43	0.39	11.94	ppb
Lead	207-1	0.40	0.34	0.41	0.38	9.90	ppb
Lead	208-1	0.38	0.34	0.40	0.37	7.43	ppb
Lithium	6-1				86		%
Magnesium	24-2	8332.18	8191.77	7958.14	8160.70	2.32	ppb
Manganese	55-2	1063.06	1030.80	987.60	1027.15	3.69	ppb
Molybdenum	94-1	0.41	0.36	0.38	0.39	6.69	ppb
Molybdenum	95-1	0.06	0.06	0.09	0.07	25.43	ppb
Molybdenum	96-1	0.49	0.44	0.49	0.47	6.35	ppb
Molybdenum	97-1	0.09	0.06	0.06	0.07	18.51	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.86	11.05	10.16	10.69	4.37	ppb
Phosphorus	31-2	107.03	94.97	109.03	103.68	7.34	ppb
Potassium	39-2	510.86	511.16	485.34	502.45	2.95	ppb
Rhodium	103-1				111		%
Rhodium	103-2				115		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	0.18	-0.24	0.27	0.07	398.90	ppb
Selenium	77-2	10.26	5.26	4.64	6.72	45.85	ppb
Selenium	78-2	2.87	1.24	1.56	1.89	45.56	ppb
Silicon	28-1	7240.43	6863.81	6609.71	6904.65	4.60	ppb
Silver	107-1	0.10	0.10	0.13	0.11	15.98	ppb
Silver	109-1	0.10	0.10	0.11	0.11	3.07	ppb
Sodium	23-2	19035.35	18998.75	18766.59	18933.56	0.77	ppb
Strontium	86-1	167.43	156.99	154.08	159.50	4.40	ppb
Strontium	88-1	169.14	161.38	157.07	162.53	3.76	ppb
Sulfur	34-1	128337.87	125454.42	119799.95	124530.75	3.49	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.10	0.14	0.17	0.14	24.16	ppb
Thallium	205-1	0.12	0.13	0.18	0.14	21.86	ppb
Tin	118-1	0.12	0.14	0.21	0.16	27.98	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-20DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-04I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:24:36	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.80	0.67	0.52	0.66	21.81	ppb
Uranium	238-1	0.68	0.64	0.66	0.66	3.49	ppb
Vanadium	51-2	35.19	34.45	32.43	34.02	4.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				119		%
Zinc	66-2	133.78	132.90	127.36	131.34	2.65	ppb
Zirconium	90-1	2.31	1.97	2.03	2.11	8.67	ppb
Zirconium	91-1	2.32	1.91	2.18	2.14	9.75	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-22DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-05I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:27:30 DataFile Name : 062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3013.43	3056.95	3044.89	3038.42	0.74	ppb
Antimony	121-1	0.17	0.20	0.20	0.19	9.63	ppb
Arsenic	75-2	0.73	0.76	0.74	0.74	1.79	ppb
Barium	135-1	19.44	20.46	20.08	19.99	2.57	ppb
Barium	137-1	19.73	20.75	20.05	20.18	2.57	ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	3.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	293.47	317.38	321.77	310.87	4.90	ppb
Boron	11-1	342.22	374.45	383.56	366.74	5.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.01	0.08	0.05	98.00	ppb
Cadmium	106-1	-0.11	-1.31	-0.39	-0.60		ppb
Cadmium	108-1	0.05	0.09	0.12	0.09	44.37	ppb
Calcium	43-1	56747.62	57898.34	53386.27	56010.74	4.19	ppb
Calcium	44-1	55811.47	56770.63	54883.51	55821.87	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.90	1.86	1.88	1.19	ppb
Cobalt	59-2	17.24	17.28	16.93	17.15	1.11	ppb
Copper	63-2	13.59	13.58	13.58	13.58	0.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				117		%
Indium	115-2				108		%
Iron	54-2	37931.59	38926.87	37329.79	38062.75	2.12	ppb
Iron	56-2	38139.45	38082.38	37835.83	38019.22	0.42	ppb
Iron	57-2	38508.29	38456.50	37586.64	38183.81	1.36	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:27:30	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.26	0.29	0.26	10.94	ppb
Lead	207-1	0.23	0.26	0.26	0.25	7.57	ppb
Lead	208-1	0.24	0.25	0.26	0.25	4.31	ppb
Lithium	6-1				80		%
Magnesium	24-2	7754.69	8012.02	7941.63	7902.78	1.68	ppb
Manganese	55-2	984.38	1001.59	983.42	989.79	1.03	ppb
Molybdenum	94-1	0.35	0.33	0.38	0.35	6.17	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	8.12	ppb
Molybdenum	96-1	0.42	0.45	0.44	0.44	3.78	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	4.31	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.04	16.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.00	10.04	10.20	10.08	1.06	ppb
Phosphorus	31-2	83.35	95.48	69.78	82.87	15.51	ppb
Potassium	39-2	499.33	509.00	509.69	506.01	1.15	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	-0.09	0.04	-0.54	-0.20		ppb
Selenium	77-2	4.99	5.51	8.39	6.30	29.10	ppb
Selenium	78-2	2.78	2.78	2.12	2.56	14.86	ppb
Silicon	28-1	6448.88	6256.75	6122.65	6276.10	2.61	ppb
Silver	107-1	0.09	0.08	0.10	0.09	9.44	ppb
Silver	109-1	0.08	0.08	0.11	0.09	19.33	ppb
Sodium	23-2	18674.52	18089.51	18325.74	18363.26	1.60	ppb
Strontium	86-1	140.96	144.01	144.90	143.29	1.44	ppb
Strontium	88-1	144.16	146.79	147.64	146.20	1.24	ppb
Sulfur	34-1	117109.80	114516.62	107037.16	112887.86	4.63	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.10	0.13	0.10	27.06	ppb
Thallium	205-1	0.08	0.09	0.12	0.10	21.79	ppb
Tin	118-1	0.10	0.32	0.24	0.22	51.47	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:27:30	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.52	0.58	0.53	0.54	5.36	ppb
Uranium	238-1	0.63	0.60	0.59	0.61	2.87	ppb
Vanadium	51-2	31.98	32.86	32.23	32.35	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				114		%
Zinc	66-2	130.21	135.24	132.39	132.61	1.90	ppb
Zirconium	90-1	1.65	1.94	1.90	1.83	8.52	ppb
Zirconium	91-1	1.78	2.08	1.73	1.87	10.10	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-24DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-06I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:30:25 DataFile Name : 063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3569.15	3620.33	3879.66	3689.71	4.51	ppb
Antimony	121-1	0.16	0.19	0.21	0.19	13.33	ppb
Arsenic	75-2	0.83	0.92	0.80	0.85	7.33	ppb
Barium	135-1	23.14	22.60	21.78	22.51	3.03	ppb
Barium	137-1	23.18	22.93	22.48	22.86	1.56	ppb
Beryllium	9-1	0.14	0.13	0.14	0.13	4.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	307.75	338.22	347.74	331.23	6.31	ppb
Boron	11-1	351.10	383.18	389.02	374.43	5.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.02	-0.06	-0.01		ppb
Cadmium	106-1	-0.80	-0.88	-1.92	-1.20		ppb
Cadmium	108-1	0.13	0.27	-0.04	0.12	133.36	ppb
Calcium	43-1	57530.50	59249.28	59157.44	58645.74	1.65	ppb
Calcium	44-1	56734.95	56902.09	58172.19	57269.74	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.12	2.28	2.15	5.48	ppb
Cobalt	59-2	18.50	18.91	20.55	19.32	5.62	ppb
Copper	63-2	15.02	15.01	16.45	15.49	5.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				118		%
Indium	115-2				103		%
Iron	54-2	44376.13	44386.88	47081.58	45281.53	3.44	ppb
Iron	56-2	43066.07	44013.03	47499.14	44859.41	5.20	ppb
Iron	57-2	42643.61	44363.17	47769.02	44925.27	5.81	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-24DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-06I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:30:25	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.29	0.32	0.28	16.84	ppb
Lead	207-1	0.28	0.30	0.28	0.29	4.52	ppb
Lead	208-1	0.24	0.27	0.28	0.26	8.82	ppb
Lithium	6-1				77		%
Magnesium	24-2	8955.27	9160.49	9618.95	9244.90	3.68	ppb
Manganese	55-2	1105.40	1139.68	1209.79	1151.62	4.62	ppb
Molybdenum	94-1	0.33	0.40	0.32	0.35	11.88	ppb
Molybdenum	95-1	0.07	0.07	0.05	0.06	13.50	ppb
Molybdenum	96-1	0.50	0.50	0.45	0.49	5.55	ppb
Molybdenum	97-1	0.05	0.03	0.05	0.04	29.52	ppb
Molybdenum	98-1	0.04	0.05	0.02	0.04	35.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.87	11.29	11.71	11.29	3.75	ppb
Phosphorus	31-2	83.62	132.83	125.03	113.82	23.24	ppb
Potassium	39-2	524.84	532.05	582.50	546.46	5.75	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	0.15	0.46	0.15	0.25	69.70	ppb
Selenium	77-2	5.52	8.13	6.61	6.75	19.36	ppb
Selenium	78-2	2.92	2.90	2.97	2.93	1.24	ppb
Silicon	28-1	6597.40	6678.80	7055.51	6777.24	3.61	ppb
Silver	107-1	0.09	0.08	0.10	0.09	9.04	ppb
Silver	109-1	0.07	0.09	0.09	0.08	13.07	ppb
Sodium	23-2	18100.36	18124.09	19543.73	18589.39	4.45	ppb
Strontium	86-1	154.67	152.60	151.22	152.83	1.13	ppb
Strontium	88-1	158.15	154.77	155.06	155.99	1.20	ppb
Sulfur	34-1	121906.98	118443.49	128021.85	122790.77	3.95	ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.10	0.09	0.09	19.62	ppb
Thallium	205-1	0.07	0.09	0.08	0.08	15.52	ppb
Tin	118-1	0.19	0.31	0.35	0.28	28.53	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-24DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-06I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:30:25	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	0.55	0.63	0.57	7.64	ppb
Uranium	238-1	0.67	0.66	0.67	0.67	1.35	ppb
Vanadium	51-2	37.78	37.90	41.73	39.14	5.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				110		%
Zinc	66-2	141.37	142.15	153.99	145.84	4.85	ppb
Zirconium	90-1	1.90	2.00	1.97	1.96	2.52	ppb
Zirconium	91-1	1.87	1.82	1.84	1.84	1.39	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:33:18 DataFile Name : 064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2326.84	2356.12	2312.45	2331.80	0.95	ppb
Antimony	121-1	0.08	0.09	0.11	0.10	16.28	ppb
Arsenic	75-2	0.47	0.47	0.47	0.47	0.39	ppb
Barium	135-1	10.28	10.14	10.71	10.38	2.87	ppb
Barium	137-1	10.24	10.37	10.51	10.38	1.31	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	7.35	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	173.05	177.07	177.69	175.94	1.43	ppb
Boron	11-1	196.37	204.66	207.25	202.76	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	0.06	0.05	0.00	7469.92	ppb
Cadmium	106-1	-1.97	0.22	0.20	-0.52		ppb
Cadmium	108-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	23836.99	23837.10	24212.83	23962.31	0.91	ppb
Calcium	44-1	24627.27	24045.40	24753.60	24475.42	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.32	1.29	1.34	4.64	ppb
Cobalt	59-2	8.66	8.57	8.37	8.54	1.74	ppb
Copper	63-2	8.00	7.95	7.60	7.85	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				116		%
Indium	115-2				105		%
Iron	54-2	22235.75	22557.00	22472.10	22421.62	0.74	ppb
Iron	56-2	22097.46	22311.31	21595.13	22001.30	1.67	ppb
Iron	57-2	21951.94	21921.23	21388.35	21753.84	1.46	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:33:18	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.14	0.14	8.71	ppb
Lead	207-1	0.14	0.13	0.13	0.13	5.32	ppb
Lead	208-1	0.13	0.12	0.13	0.13	6.32	ppb
Lithium	6-1				79		%
Magnesium	24-2	4714.80	4729.64	4681.42	4708.62	0.52	ppb
Manganese	55-2	430.84	436.70	433.01	433.52	0.68	ppb
Molybdenum	94-1	0.18	0.19	0.15	0.17	9.99	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	29.02	ppb
Molybdenum	96-1	0.25	0.22	0.26	0.24	7.55	ppb
Molybdenum	97-1	0.03	0.02	0.00	0.02	92.99	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	24.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.82	5.83	5.87	5.84	0.43	ppb
Phosphorus	31-2	114.88	140.02	96.26	117.05	18.76	ppb
Potassium	39-2	219.53	227.66	217.13	221.44	2.49	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				119		%
Scandium	45-2				113		%
Selenium	82-1	-0.06	0.30	-0.15	0.03	798.73	ppb
Selenium	77-2	3.06	3.67	2.60	3.11	17.26	ppb
Selenium	78-2	1.79	1.73	2.07	1.86	9.91	ppb
Silicon	28-1	3054.76	2988.45	3014.84	3019.35	1.11	ppb
Silver	107-1	0.05	0.04	0.05	0.04	12.24	ppb
Silver	109-1	0.03	0.04	0.05	0.04	21.26	ppb
Sodium	23-2	7067.66	7419.09	7155.52	7214.09	2.54	ppb
Strontium	86-1	65.35	62.13	64.04	63.84	2.54	ppb
Strontium	88-1	68.13	63.45	65.71	65.77	3.56	ppb
Sulfur	34-1	55713.64	52997.12	54201.11	54303.96	2.51	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.02	0.03	23.97	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	9.81	ppb
Tin	118-1	-0.15	-0.14	-0.13	-0.14		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:33:18	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.33	0.33	0.34	0.33	2.47	ppb
Uranium	238-1	0.33	0.31	0.34	0.33	4.06	ppb
Vanadium	51-2	24.48	24.22	24.18	24.29	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	64.01	64.73	64.41	64.39	0.56	ppb
Zirconium	90-1	0.92	0.95	0.92	0.93	1.71	ppb
Zirconium	91-1	1.17	0.98	0.97	1.04	10.75	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:36:16 DataFile Name : 065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2489.84	2411.76	2354.37	2418.66	2.81	ppb
Antimony	121-1	0.07	0.09	0.10	0.08	19.80	ppb
Arsenic	75-2	0.44	0.40	0.42	0.42	5.65	ppb
Barium	135-1	10.17	10.20	11.70	10.69	8.18	ppb
Barium	137-1	10.50	10.27	12.11	10.96	9.18	ppb
Beryllium	9-1	0.07	0.06	0.07	0.06	10.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	184.90	193.94	225.00	201.28	10.45	ppb
Boron	11-1	209.40	214.67	259.98	228.02	12.19	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.01	0.01	-0.02		ppb
Cadmium	106-1	-1.15	-0.80	-0.48	-0.81		ppb
Cadmium	108-1	0.03	-0.12	0.11	0.01	1438.11	ppb
Calcium	43-1	24329.72	24532.02	28407.12	25756.28	8.92	ppb
Calcium	44-1	24952.24	24810.73	27130.32	25631.10	5.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.31	1.31	1.32	1.31	0.55	ppb
Cobalt	59-2	8.92	8.59	8.82	8.77	1.90	ppb
Copper	63-2	8.14	7.94	7.99	8.03	1.27	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				109		%
Holmium	165-2				104		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	54-2	23727.13	22744.35	22739.00	23070.16	2.47	ppb
Iron	56-2	23278.21	23081.23	22395.83	22918.42	2.02	ppb
Iron	57-2	22987.45	23315.09	22901.85	23068.13	0.95	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:36:16	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.15	0.12	24.22	ppb
Lead	207-1	0.14	0.12	0.15	0.14	9.20	ppb
Lead	208-1	0.12	0.10	0.14	0.12	18.24	ppb
Lithium	6-1				76		%
Magnesium	24-2	5120.53	4930.26	4741.29	4930.69	3.85	ppb
Manganese	55-2	455.12	436.99	438.43	443.51	2.27	ppb
Molybdenum	94-1	0.22	0.16	0.17	0.18	17.70	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	17.82	ppb
Molybdenum	96-1	0.21	0.23	0.30	0.25	18.98	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	10.93	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	22.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.07	6.00	5.87	5.98	1.70	ppb
Phosphorus	31-2	107.03	119.77	124.39	117.06	7.68	ppb
Potassium	39-2	237.38	227.55	222.54	229.15	3.29	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	0.13	0.07	0.30	0.17	71.74	ppb
Selenium	77-2	8.71	1.59	9.61	6.64	66.14	ppb
Selenium	78-2	1.54	1.71	1.17	1.48	18.70	ppb
Silicon	28-1	3134.08	3249.20	3556.93	3313.41	6.60	ppb
Silver	107-1	0.04	0.03	0.05	0.04	24.42	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.74	ppb
Sodium	23-2	7732.43	7573.93	7395.34	7567.23	2.23	ppb
Strontium	86-1	63.87	65.38	70.15	66.47	4.93	ppb
Strontium	88-1	64.73	66.90	73.33	68.32	6.55	ppb
Sulfur	34-1	56081.49	57194.45	67823.13	60366.36	10.74	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.02	0.01	59.24	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	31.49	ppb
Tin	118-1	-0.20	-0.20	-0.13	-0.18		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:36:16	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.28	0.36	0.44	0.36	21.41	ppb
Uranium	238-1	0.32	0.33	0.40	0.35	11.74	ppb
Vanadium	51-2	25.37	24.78	24.30	24.82	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	71.63	69.56	69.05	70.08	1.95	ppb
Zirconium	90-1	0.83	0.97	1.03	0.94	10.70	ppb
Zirconium	91-1	1.08	1.06	1.04	1.06	1.71	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDL2X50	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	50
Date & Time Acquired ::	2021-10-05 16:39:12	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.39	469.42	466.14	468.31	0.40	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	11.27	ppb
Arsenic	75-2	0.07	0.06	0.07	0.07	7.23	ppb
Barium	135-1	1.88	2.17	1.96	2.00	7.44	ppb
Barium	137-1	1.85	1.95	1.91	1.91	2.66	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	67.41	72.09	67.29	68.93	3.97	ppb
Boron	11-1	75.76	80.16	76.17	77.36	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.07	0.03	-0.03		ppb
Cadmium	106-1	-0.54	-1.10	0.17	-0.49		ppb
Cadmium	108-1	-0.02	-0.21	-0.05	-0.09		ppb
Calcium	43-1	4605.95	4755.86	4716.49	4692.76	1.66	ppb
Calcium	44-1	4768.84	4863.85	4869.15	4833.95	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.24	0.27	0.27	9.81	ppb
Cobalt	59-2	1.74	1.73	1.73	1.73	0.54	ppb
Copper	63-2	1.66	1.65	1.68	1.66	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				119		%
Indium	115-2				109		%
Iron	54-2	4252.93	4242.48	4301.44	4265.61	0.74	ppb
Iron	56-2	4315.23	4507.12	4417.54	4413.30	2.18	ppb
Iron	57-2	4090.49	4234.51	4197.27	4174.09	1.79	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDL2X50	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	50
Date & Time Acquired ::	2021-10-05 16:39:12	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				87		%
Magnesium	24-2	929.33	929.19	917.30	925.27	0.75	ppb
Manganese	55-2	85.39	86.47	83.92	85.26	1.50	ppb
Molybdenum	94-1	0.04	0.05	0.03	0.04	23.69	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.04	0.07	0.04	0.05	34.53	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	204.51	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	392.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.20	1.12	1.19	4.75	ppb
Phosphorus	31-2	-3.57	4.82	13.22	4.82	174.14	ppb
Potassium	39-2	36.95	41.36	40.33	39.55	5.84	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				119		%
Scandium	45-2				113		%
Selenium	82-1	-0.18	-0.30	0.29	-0.06		ppb
Selenium	77-2	1.10	0.64	1.59	1.11	42.80	ppb
Selenium	78-2	-0.26	0.51	-0.56	-0.10		ppb
Silicon	28-1	603.01	605.94	600.17	603.04	0.48	ppb
Silver	107-1	0.01	0.03	0.01	0.02	52.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.10	ppb
Sodium	23-2	1455.95	1432.57	1434.79	1441.10	0.90	ppb
Strontium	86-1	11.98	12.14	12.39	12.17	1.69	ppb
Strontium	88-1	11.94	12.19	12.35	12.16	1.72	ppb
Sulfur	34-1	8800.13	8533.80	9302.53	8878.82	4.40	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	-0.01	0.00	0.00		ppb
Tin	118-1	-0.31	-0.29	-0.29	-0.30		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDL2X50	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	50
Date & Time Acquired ::	2021-10-05 16:39:12	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.00	0.05	0.05	100.57	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	6.11	ppb
Vanadium	51-2	4.72	4.76	4.72	4.73	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	13.34	13.15	12.55	13.01	3.19	ppb
Zirconium	90-1	0.05	0.04	0.22	0.10	98.08	ppb
Zirconium	91-1	0.12	0.02	0.23	0.12	86.11	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:45:04 DataFile Name : 068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3545.88	3476.84	3423.13	3481.95	1.77	ppb
Antimony	121-1	82.19	85.07	83.50	83.59	1.72	ppb
Arsenic	75-2	89.55	87.57	85.96	87.70	2.05	ppb
Barium	135-1	274.03	281.50	274.20	276.58	1.54	ppb
Barium	137-1	278.05	286.47	271.73	278.75	2.65	ppb
Beryllium	9-1	52.31	53.35	54.09	53.25	1.68	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	209.32	231.78	244.13	228.41	7.73	ppb
Boron	11-1	242.46	259.08	275.34	258.96	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	57.48	59.45	56.94	57.96	2.28	ppb
Cadmium	106-1	52.07	56.69	53.05	53.94	4.52	ppb
Cadmium	108-1	60.09	58.67	56.98	58.58	2.66	ppb
Calcium	43-1	31015.20	31916.13	31963.62	31631.65	1.69	ppb
Calcium	44-1	30843.93	31715.91	30719.27	31093.04	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.90	65.56	65.07	65.85	1.44	ppb
Cobalt	59-2	66.29	65.22	64.63	65.38	1.28	ppb
Copper	63-2	570.63	577.08	571.28	573.00	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				119		%
Indium	115-2				106		%
Iron	54-2	25426.62	25483.43	25054.16	25321.40	0.92	ppb
Iron	56-2	25705.80	24974.07	24636.85	25105.57	2.18	ppb
Iron	57-2	25367.57	24980.60	24981.20	25109.79	0.89	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:45:04	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	295.24	271.29	288.35	284.96	4.33	ppb
Lead	207-1	286.24	272.50	283.45	280.73	2.59	ppb
Lead	208-1	283.16	275.83	279.92	279.64	1.31	ppb
Lithium	6-1				87		%
Magnesium	24-2	10224.49	9788.50	9737.13	9916.71	2.70	ppb
Manganese	55-2	1023.44	991.86	992.65	1002.65	1.80	ppb
Molybdenum	94-1	394.74	390.22	386.04	390.34	1.11	ppb
Molybdenum	95-1	477.23	443.64	454.49	458.46	3.74	ppb
Molybdenum	96-1	453.96	442.22	443.40	446.53	1.45	ppb
Molybdenum	97-1	456.67	466.04	444.17	455.63	2.41	ppb
Molybdenum	98-1	450.14	457.70	442.15	449.99	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.51	74.34	74.51	75.12	1.60	ppb
Phosphorus	31-2	576.57	509.55	560.99	549.04	6.39	ppb
Potassium	39-2	3279.54	3153.55	3173.07	3202.05	2.12	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	82-1	142.71	142.18	141.73	142.21	0.34	ppb
Selenium	77-2	123.08	144.45	134.92	134.15	7.98	ppb
Selenium	78-2	139.36	142.78	139.28	140.47	1.42	ppb
Silicon	28-1	3357.52	3423.22	3294.22	3358.32	1.92	ppb
Silver	107-1	73.62	74.07	72.72	73.47	0.94	ppb
Silver	109-1	74.09	74.30	72.84	73.75	1.07	ppb
Sodium	23-2	12748.97	12262.86	12394.50	12468.78	2.02	ppb
Strontium	86-1	563.85	539.12	541.51	548.16	2.49	ppb
Strontium	88-1	541.87	526.30	541.06	536.41	1.63	ppb
Sulfur	34-1	58473.85	61598.76	57504.61	59192.40	3.61	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	133.10	128.36	133.07	131.51	2.07	ppb
Thallium	205-1	142.45	135.11	139.19	138.92	2.64	ppb
Tin	118-1	83.67	86.97	82.73	84.46	2.64	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:45:04	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	441.89	440.34	437.56	439.93	0.50	ppb
Uranium	238-1	42.07	41.04	43.49	42.20	2.91	ppb
Vanadium	51-2	87.40	85.51	84.96	85.96	1.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				113		%
Zinc	66-2	608.92	597.42	580.49	595.61	2.40	ppb
Zirconium	90-1	439.79	434.91	436.21	436.97	0.58	ppb
Zirconium	91-1	435.49	435.76	428.96	433.40	0.89	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:48:00 DataFile Name : 069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3517.31	3513.46	3464.85	3498.54	0.84	ppb
Antimony	121-1	81.99	92.18	109.80	94.66	14.86	ppb
Arsenic	75-2	91.02	86.66	89.07	88.92	2.46	ppb
Barium	135-1	273.09	304.48	356.64	311.40	13.55	ppb
Barium	137-1	273.82	310.62	365.60	316.68	14.58	ppb
Beryllium	9-1	52.98	56.34	67.04	58.78	12.49	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	216.05	238.44	299.64	251.38	17.21	ppb
Boron	11-1	245.00	282.66	337.78	288.48	16.18	ppb
Bromine	81-1						cps
Cadmium	111-1	57.39	64.56	76.57	66.17	14.64	ppb
Cadmium	106-1	54.78	62.08	73.68	63.51	15.01	ppb
Cadmium	108-1	58.39	63.96	76.06	66.14	13.66	ppb
Calcium	43-1	31831.96	32412.88	40579.05	34941.30	14.00	ppb
Calcium	44-1	30444.57	32641.29	40520.34	34535.40	15.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.26	66.78	64.58	65.88	1.75	ppb
Cobalt	59-2	65.71	65.66	65.57	65.65	0.11	ppb
Copper	63-2	561.77	588.44	568.06	572.76	2.43	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	26096.51	25498.93	25788.87	25794.77	1.16	ppb
Iron	56-2	26007.80	25193.67	25481.26	25560.91	1.62	ppb
Iron	57-2	25867.02	26065.23	25606.57	25846.27	0.89	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:48:00 DataFile Name : 069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	284.28	312.44	364.06	320.26	12.63	ppb
Lead	207-1	291.12	301.78	361.06	317.99	11.85	ppb
Lead	208-1	283.88	301.26	358.40	314.51	12.40	ppb
Lithium	6-1				79		%
Magnesium	24-2	10089.46	9841.02	9658.82	9863.10	2.19	ppb
Manganese	55-2	1023.87	1020.26	1001.77	1015.30	1.17	ppb
Molybdenum	94-1	369.09	411.45	504.86	428.47	16.21	ppb
Molybdenum	95-1	433.68	499.09	589.47	507.41	15.42	ppb
Molybdenum	96-1	429.78	474.19	569.79	491.25	14.56	ppb
Molybdenum	97-1	449.30	484.95	594.10	509.45	14.81	ppb
Molybdenum	98-1	444.00	484.45	576.18	501.54	13.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.66	75.79	74.33	75.59	1.56	ppb
Phosphorus	31-2	534.55	551.94	477.66	521.38	7.45	ppb
Potassium	39-2	3160.10	3210.31	3169.90	3180.10	0.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	137.35	148.03	181.09	155.49	14.67	ppb
Selenium	77-2	144.99	151.56	155.72	150.76	3.59	ppb
Selenium	78-2	151.98	145.58	135.71	144.42	5.68	ppb
Silicon	28-1	3440.14	3404.89	4282.71	3709.25	13.40	ppb
Silver	107-1	71.82	80.38	95.82	82.67	14.71	ppb
Silver	109-1	71.98	81.41	96.34	83.24	14.76	ppb
Sodium	23-2	12619.90	12669.96	12200.53	12496.80	2.06	ppb
Strontium	86-1	534.81	602.68	705.52	614.34	13.99	ppb
Strontium	88-1	533.31	590.62	699.66	607.86	13.90	ppb
Sulfur	34-1	59910.81	59534.52	79107.01	66184.11	16.91	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	132.40	141.57	171.10	148.35	13.63	ppb
Thallium	205-1	136.10	145.26	180.82	154.06	15.33	ppb
Tin	118-1	81.11	91.59	110.15	94.28	15.60	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:48:00	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	447.00	472.30	577.19	498.83	13.84	ppb
Uranium	238-1	42.25	45.80	55.86	47.97	14.71	ppb
Vanadium	51-2	86.14	85.04	85.06	85.41	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	591.76	604.15	592.06	595.99	1.19	ppb
Zirconium	90-1	429.41	465.19	566.48	487.03	14.60	ppb
Zirconium	91-1	424.06	464.67	575.76	488.16	16.09	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:50:53 DataFile Name : 070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3444.62	3438.30	3384.38	3422.43	0.97	ppb
Antimony	121-1	83.09	79.95	82.69	81.91	2.09	ppb
Arsenic	75-2	85.68	88.99	87.54	87.40	1.90	ppb
Barium	135-1	270.75	265.40	270.07	268.74	1.08	ppb
Barium	137-1	281.41	271.46	272.62	275.16	1.98	ppb
Beryllium	9-1	51.80	56.34	50.94	53.03	5.47	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	217.18	235.80	222.70	225.23	4.25	ppb
Boron	11-1	246.01	277.48	260.05	261.18	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	59.04	57.10	56.77	57.64	2.13	ppb
Cadmium	106-1	55.49	52.29	53.84	53.87	2.97	ppb
Cadmium	108-1	56.45	54.58	57.45	56.16	2.59	ppb
Calcium	43-1	30478.62	30327.51	30035.92	30280.68	0.74	ppb
Calcium	44-1	29791.99	29602.46	29814.67	29736.38	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.93	65.12	64.74	64.93	0.29	ppb
Cobalt	59-2	64.83	64.65	63.06	64.18	1.51	ppb
Copper	63-2	575.71	562.29	545.97	561.32	2.65	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				117		%
Indium	115-2				105		%
Iron	54-2	25416.49	25886.81	24217.96	25173.76	3.42	ppb
Iron	56-2	25404.94	24938.31	24441.92	24928.39	1.93	ppb
Iron	57-2	25836.49	25334.31	24697.43	25289.41	2.26	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:50:53	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	277.70	276.96	275.73	276.80	0.36	ppb
Lead	207-1	275.58	283.76	275.57	278.30	1.70	ppb
Lead	208-1	276.68	275.39	270.62	274.23	1.16	ppb
Lithium	6-1				84		%
Magnesium	24-2	9812.94	9689.56	9534.98	9679.16	1.44	ppb
Manganese	55-2	996.05	1000.89	963.80	986.91	2.04	ppb
Molybdenum	94-1	387.50	382.59	374.61	381.57	1.70	ppb
Molybdenum	95-1	476.14	460.96	441.28	459.46	3.80	ppb
Molybdenum	96-1	449.42	451.73	441.01	447.39	1.26	ppb
Molybdenum	97-1	454.81	452.14	450.08	452.35	0.52	ppb
Molybdenum	98-1	445.95	444.83	446.57	445.78	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.47	74.52	72.24	73.74	1.76	ppb
Phosphorus	31-2	515.40	547.00	485.09	515.83	6.00	ppb
Potassium	39-2	3151.69	3157.31	3065.70	3124.90	1.64	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				119		%
Scandium	45-2				111		%
Selenium	82-1	139.08	139.87	136.38	138.44	1.32	ppb
Selenium	77-2	155.04	136.36	135.30	142.23	7.81	ppb
Selenium	78-2	133.49	144.25	137.41	138.38	3.94	ppb
Silicon	28-1	3195.30	3115.79	3119.08	3143.39	1.43	ppb
Silver	107-1	74.24	69.86	70.19	71.43	3.42	ppb
Silver	109-1	74.02	70.24	72.74	72.34	2.66	ppb
Sodium	23-2	12302.45	12110.41	12081.24	12164.70	0.99	ppb
Strontium	86-1	548.59	543.27	537.92	543.26	0.98	ppb
Strontium	88-1	524.96	529.17	520.93	525.02	0.78	ppb
Sulfur	34-1	58032.51	56914.52	53633.44	56193.49	4.07	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	128.37	130.37	129.56	129.43	0.78	ppb
Thallium	205-1	133.79	137.63	131.09	134.17	2.45	ppb
Tin	118-1	84.52	79.96	81.93	82.14	2.78	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:50:53	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	429.34	419.45	428.25	425.68	1.27	ppb
Uranium	238-1	41.75	41.94	42.04	41.91	0.35	ppb
Vanadium	51-2	85.04	84.41	81.14	83.53	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	591.72	586.41	567.52	581.88	2.19	ppb
Zirconium	90-1	434.47	434.96	427.38	432.27	0.98	ppb
Zirconium	91-1	438.63	434.64	425.72	433.00	1.53	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50099.49	47822.52	52335.11	50085.71	4.50	ppb
Antimony	121-1	481.26	480.46	487.27	483.00	0.77	ppb
Arsenic	75-2	526.61	518.26	560.21	535.03	4.15	ppb
Barium	135-1	2473.64	2461.35	2452.21	2462.40	0.44	ppb
Barium	137-1	2485.61	2509.82	2475.14	2490.19	0.71	ppb
Beryllium	9-1	498.95	500.40	496.90	498.75	0.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	470.65	510.84	526.32	502.60	5.72	ppb
Boron	11-1	534.59	552.76	583.96	557.10	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	496.95	531.23	517.39	515.19	3.35	ppb
Cadmium	106-1	501.47	504.07	517.92	507.82	1.74	ppb
Cadmium	108-1	507.59	508.84	504.90	507.11	0.40	ppb
Calcium	43-1	244739.69	245447.13	243618.27	244601.70	0.38	ppb
Calcium	44-1	243060.78	241541.06	243187.93	242596.59	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.44	498.46	540.69	515.53	4.32	ppb
Cobalt	59-2	529.96	516.50	555.15	533.87	3.67	ppb
Copper	63-2	5114.28	5035.60	5472.11	5207.33	4.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				116		%
Indium	115-2				103		%
Iron	54-2	126456.88	124516.28	135017.14	128663.43	4.34	ppb
Iron	56-2	123947.15	124549.94	133923.31	127473.47	4.39	ppb
Iron	57-2	125560.21	122049.04	134097.38	127235.54	4.87	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2508.88	2543.31	2547.30	2533.16	0.83	ppb
Lead	207-1	2481.55	2504.21	2506.25	2497.34	0.55	ppb
Lead	208-1	2513.70	2510.85	2505.79	2510.11	0.16	ppb
Lithium	6-1				93		%
Magnesium	24-2	249174.67	249204.11	267063.44	255147.41	4.04	ppb
Manganese	55-2	5120.10	5056.82	5455.19	5210.71	4.11	ppb
Molybdenum	94-1	2456.37	2439.73	2411.42	2435.84	0.93	ppb
Molybdenum	95-1	2461.20	2408.30	2385.48	2418.33	1.61	ppb
Molybdenum	96-1	2477.85	2414.97	2403.20	2432.01	1.65	ppb
Molybdenum	97-1	2469.95	2427.13	2441.71	2446.27	0.89	ppb
Molybdenum	98-1	2439.37	2417.14	2404.99	2420.50	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.29	527.29	559.36	537.31	3.56	ppb
Phosphorus	31-2	9960.23	9897.40	10404.15	10087.26	2.74	ppb
Potassium	39-2	123967.95	121461.05	132665.68	126031.56	4.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				118		%
Scandium	45-2				108		%
Selenium	82-1	502.71	501.47	495.80	499.99	0.74	ppb
Selenium	77-2	449.19	488.78	534.14	490.70	8.66	ppb
Selenium	78-2	498.31	492.20	539.67	510.06	5.06	ppb
Silicon	28-1	469.37	487.39	481.74	479.50	1.92	ppb
Silver	107-1	508.19	507.20	511.95	509.12	0.49	ppb
Silver	109-1	505.20	516.13	486.52	502.62	2.98	ppb
Sodium	23-2	257434.36	254931.85	273239.24	261868.48	3.79	ppb
Strontium	86-1	4986.25	4935.50	4931.15	4950.97	0.62	ppb
Strontium	88-1	4969.78	4966.44	4858.65	4931.62	1.28	ppb
Sulfur	34-1	10295.45	10204.80	9627.68	10042.64	3.61	ppb
Terbium	159-1				119		%
Terbium	159-2				106		%
Thallium	203-1	499.42	523.17	511.32	511.30	2.32	ppb
Thallium	205-1	507.43	518.79	511.83	512.68	1.12	ppb
Tin	118-1	494.75	491.44	498.54	494.91	0.72	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2455.93	2468.95	2432.08	2452.32	0.76	ppb
Uranium	238-1	508.92	511.56	501.34	507.27	1.05	ppb
Vanadium	51-2	507.62	499.82	549.98	519.14	5.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				110		%
Zinc	66-2	4937.89	4902.80	5314.56	5051.75	4.52	ppb
Zirconium	90-1	5013.90	4995.67	4920.87	4976.81	0.99	ppb
Zirconium	91-1	4991.77	5054.19	4886.67	4977.54	1.70	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 17:05:54 DataFile Name : 072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.33	-0.04	0.08	259.74	ppb
Antimony	121-1	0.04	0.03	0.06	0.04	34.72	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.02	0.03	0.01	0.02	44.80	ppb
Barium	137-1	0.02	0.02	0.03	0.02	22.99	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	96.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	16.59	15.85	16.13	16.19	2.30	ppb
Boron	11-1	17.92	17.72	17.79	17.81	0.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	-0.08	-0.07	-0.03		ppb
Cadmium	106-1	0.38	-1.35	-1.25	-0.74		ppb
Cadmium	108-1	-0.10	-0.09	-0.18	-0.12		ppb
Calcium	43-1	0.16	0.65	1.26	0.69	80.38	ppb
Calcium	44-1	4.34	5.97	5.96	5.43	17.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.01	0.03	65.38	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	36.31	ppb
Copper	63-2	0.14	0.12	0.09	0.12	25.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				117		%
Indium	115-2				107		%
Iron	54-2	2.23	0.86	0.69	1.26	66.95	ppb
Iron	56-2	1.20	1.18	0.82	1.07	19.96	ppb
Iron	57-2	-0.28	-0.24	-0.07	-0.20		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:05:54	DataFile Name :	072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.06	0.04	41.67	ppb
Lead	207-1	0.07	0.03	0.07	0.05	42.69	ppb
Lead	208-1	0.05	0.03	0.05	0.04	27.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.43	1.05	0.62	1.03	39.28	ppb
Manganese	55-2	0.04	0.04	0.02	0.03	47.82	ppb
Molybdenum	94-1	0.06	0.04	0.08	0.06	31.41	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.05	6.40	ppb
Molybdenum	96-1	0.06	0.04	0.03	0.05	33.98	ppb
Molybdenum	97-1	0.07	0.02	0.06	0.05	56.96	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	12.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	-0.01	0.01	159.91	ppb
Phosphorus	31-2	4.64	-9.96	-4.62	-3.31		ppb
Potassium	39-2	-1.64	-1.34	-3.95	-2.31		ppb
Rhodium	103-1				114		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	-0.45	-0.16	-0.14	-0.25		ppb
Selenium	77-2	-0.36	-0.36	0.65	-0.02		ppb
Selenium	78-2	0.02	0.10	-0.58	-0.15		ppb
Silicon	28-1	-12.81	-11.18	-11.03	-11.68		ppb
Silver	107-1	0.04	0.05	0.04	0.04	6.87	ppb
Silver	109-1	0.04	0.04	0.04	0.04	11.49	ppb
Sodium	23-2	20.41	23.49	22.48	22.13	7.09	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	2184.43	ppb
Strontium	88-1	0.04	0.04	0.06	0.04	26.66	ppb
Sulfur	34-1	-3652.55	-3293.59	-3355.44	-3433.86		ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.02	0.02	0.02	15.52	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.43	ppb
Tin	118-1	-0.33	-0.32	-0.30	-0.32		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:05:54	DataFile Name :	072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.01	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	61.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	0.44	0.47	0.15	0.35	49.43	ppb
Zirconium	90-1	0.07	0.00	0.12	0.06	94.32	ppb
Zirconium	91-1	0.34	0.18	0.11	0.21	56.04	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-22DL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-05I Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 17:08:54 DataFile Name : 073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1567.65	1572.56	1562.58	1567.60	0.32	ppb
Antimony	121-1	0.15	0.10	0.14	0.13	17.34	ppb
Arsenic	75-2	0.35	0.34	0.39	0.36	6.92	ppb
Barium	135-1	9.79	9.96	9.99	9.92	1.11	ppb
Barium	137-1	10.01	10.03	10.14	10.06	0.70	ppb
Beryllium	9-1	0.07	0.05	0.07	0.06	19.92	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	144.99	151.68	159.27	151.98	4.70	ppb
Boron	11-1	158.28	169.73	179.63	169.21	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	-0.04	0.08	0.06	159.47	ppb
Cadmium	106-1	-0.54	-0.99	0.59	-0.32		ppb
Cadmium	108-1	0.16	-0.01	0.02	0.06	159.97	ppb
Calcium	43-1	28602.76	28413.03	29049.70	28688.50	1.14	ppb
Calcium	44-1	28226.39	27493.57	28114.42	27944.79	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.99	1.01	1.06	1.02	3.43	ppb
Cobalt	59-2	8.67	8.50	8.72	8.63	1.34	ppb
Copper	63-2	6.86	6.99	7.20	7.02	2.41	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				115		%
Holmium	165-2				110		%
Indium	115-1				118		%
Indium	115-2				111		%
Iron	54-2	19736.60	19628.23	19587.85	19650.89	0.39	ppb
Iron	56-2	19742.89	19908.91	19326.60	19659.47	1.53	ppb
Iron	57-2	18334.76	19945.79	18413.65	18898.07	4.81	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 17:08:54	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.12	0.11	0.16	43.65	ppb
Lead	207-1	0.24	0.12	0.12	0.16	43.87	ppb
Lead	208-1	0.26	0.11	0.11	0.16	53.93	ppb
Lithium	6-1				93		%
Magnesium	24-2	4008.35	4020.51	3933.23	3987.37	1.19	ppb
Manganese	55-2	481.47	482.00	482.81	482.10	0.14	ppb
Molybdenum	94-1	1.28	0.18	0.22	0.56	111.25	ppb
Molybdenum	95-1	1.18	0.05	0.06	0.43	151.60	ppb
Molybdenum	96-1	1.04	0.22	0.19	0.48	99.73	ppb
Molybdenum	97-1	0.74	0.05	0.06	0.28	138.93	ppb
Molybdenum	98-1	0.68	0.04	0.02	0.25	152.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.21	5.13	5.15	0.92	ppb
Phosphorus	31-2	85.42	43.62	77.16	68.73	32.21	ppb
Potassium	39-2	261.01	258.35	253.69	257.68	1.44	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				110		%
Selenium	82-1	0.42	0.40	0.35	0.39	10.10	ppb
Selenium	77-2	2.12	3.56	3.07	2.92	25.12	ppb
Selenium	78-2	0.48	1.54	0.56	0.86	68.72	ppb
Silicon	28-1	3483.04	3448.06	3280.69	3403.93	3.18	ppb
Silver	107-1	0.08	0.06	0.08	0.07	16.70	ppb
Silver	109-1	0.07	0.06	0.06	0.06	14.12	ppb
Sodium	23-2	9717.03	9314.25	9246.21	9425.83	2.70	ppb
Strontium	86-1	77.77	73.03	71.71	74.17	4.30	ppb
Strontium	88-1	80.28	75.25	73.33	76.29	4.71	ppb
Sulfur	34-1	59669.58	58230.69	55871.38	57923.88	3.31	ppb
Terbium	159-1				117		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.04	0.05	0.08	67.58	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	26.78	ppb
Tin	118-1	-0.14	-0.22	-0.22	-0.19		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 17:08:54	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.42	0.24	0.31	29.42	ppb
Uranium	238-1	0.31	0.30	0.31	0.31	1.66	ppb
Vanadium	51-2	16.27	16.26	16.47	16.33	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	70.59	71.12	69.59	70.43	1.10	ppb
Zirconium	90-1	2.89	1.07	0.85	1.60	70.01	ppb
Zirconium	91-1	4.36	1.35	0.85	2.19	86.74	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48900.24	48055.54	48925.60	48627.13	1.02	ppb
Antimony	121-1	476.36	512.10	481.66	490.04	3.94	ppb
Arsenic	75-2	544.71	521.88	525.31	530.63	2.32	ppb
Barium	135-1	2420.82	2566.82	2479.35	2489.00	2.95	ppb
Barium	137-1	2440.85	2573.41	2488.42	2500.89	2.69	ppb
Beryllium	9-1	481.70	518.86	496.23	498.93	3.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	452.94	529.73	520.26	500.98	8.36	ppb
Boron	11-1	495.94	590.69	568.70	551.77	8.99	ppb
Bromine	81-1						cps
Cadmium	111-1	515.44	546.53	521.01	527.66	3.14	ppb
Cadmium	106-1	506.03	544.21	512.55	520.93	3.92	ppb
Cadmium	108-1	500.25	529.45	511.44	513.71	2.87	ppb
Calcium	43-1	245551.88	251378.60	245916.88	247615.79	1.32	ppb
Calcium	44-1	238109.47	246114.36	241083.69	241769.17	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.03	493.42	498.48	498.98	1.17	ppb
Cobalt	59-2	512.01	505.91	528.17	515.36	2.23	ppb
Copper	63-2	5048.14	4934.64	5190.25	5057.68	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	54-2	125779.44	122353.17	125476.74	124536.45	1.52	ppb
Iron	56-2	124962.95	122104.98	125714.40	124260.78	1.53	ppb
Iron	57-2	122130.37	122216.74	126871.74	123739.62	2.19	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2609.52	2718.21	2530.53	2619.42	3.60	ppb
Lead	207-1	2609.78	2711.12	2485.58	2602.16	4.34	ppb
Lead	208-1	2555.98	2691.17	2496.32	2581.16	3.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	252153.54	248182.90	250379.35	250238.60	0.79	ppb
Manganese	55-2	5050.80	4903.70	5111.28	5021.93	2.13	ppb
Molybdenum	94-1	2411.66	2592.17	2547.79	2517.21	3.74	ppb
Molybdenum	95-1	2427.13	2591.82	2541.56	2520.17	3.35	ppb
Molybdenum	96-1	2426.55	2569.68	2498.51	2498.25	2.86	ppb
Molybdenum	97-1	2424.62	2567.09	2534.51	2508.74	2.98	ppb
Molybdenum	98-1	2468.08	2582.28	2535.63	2528.67	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.33	509.22	524.96	516.50	1.54	ppb
Phosphorus	31-2	9587.60	9627.38	9922.57	9712.52	1.88	ppb
Potassium	39-2	122789.58	120957.21	122875.47	122207.42	0.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	501.67	531.65	517.98	517.10	2.90	ppb
Selenium	77-2	512.67	510.43	478.66	500.59	3.80	ppb
Selenium	78-2	512.75	496.48	496.40	501.88	1.88	ppb
Silicon	28-1	461.02	526.67	497.84	495.18	6.65	ppb
Silver	107-1	492.24	537.92	510.31	513.49	4.48	ppb
Silver	109-1	501.91	525.65	506.05	511.21	2.48	ppb
Sodium	23-2	254774.11	247354.46	255733.17	252620.58	1.82	ppb
Strontium	86-1	4965.13	5232.80	5119.44	5105.79	2.63	ppb
Strontium	88-1	4927.30	5159.34	5106.28	5064.31	2.40	ppb
Sulfur	34-1	9595.41	11021.33	9483.70	10033.48	8.54	ppb
Terbium	159-1				117		%
Terbium	159-2				111		%
Thallium	203-1	528.67	547.86	517.18	531.23	2.92	ppb
Thallium	205-1	520.22	548.81	502.45	523.83	4.47	ppb
Tin	118-1	496.69	523.61	494.38	504.89	3.22	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2422.97	2534.40	2433.81	2463.73	2.49	ppb
Uranium	238-1	509.39	534.25	520.75	521.46	2.39	ppb
Vanadium	51-2	518.59	496.38	499.02	504.67	2.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	4884.64	4795.30	5009.68	4896.54	2.20	ppb
Zirconium	90-1	4876.39	5267.55	5053.98	5065.97	3.87	ppb
Zirconium	91-1	4902.91	5315.29	5137.95	5118.72	4.04	ppb

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 17:24:46 DataFile Name : 075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.02	0.12	0.11	116.36	ppb
Antimony	121-1	0.05	0.07	0.08	0.06	24.45	ppb
Arsenic	75-2	0.00	0.02	0.02	0.01	115.26	ppb
Barium	135-1	0.03	0.03	0.02	0.02	20.72	ppb
Barium	137-1	0.02	0.03	0.02	0.02	26.50	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	42.00	ppb
Bismuth	209-1				116		%
Bismuth	209-2				113		%
Boron	10-1	22.90	21.42	21.49	21.94	3.82	ppb
Boron	11-1	25.13	23.52	22.88	23.84	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	-0.89	-1.09	-0.77	-0.91		ppb
Cadmium	108-1	-0.14	-0.11	-0.12	-0.12		ppb
Calcium	43-1	2.91	2.45	0.98	2.12	47.53	ppb
Calcium	44-1	1.95	0.43	0.56	0.98	85.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	0.02	0.01	277.39	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	47.89	ppb
Copper	63-2	0.11	0.12	0.11	0.11	7.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				120		%
Indium	115-2				109		%
Iron	54-2	0.36	1.00	0.79	0.72	45.46	ppb
Iron	56-2	1.21	1.17	1.26	1.22	3.92	ppb
Iron	57-2	0.31	0.64	-0.02	0.31	106.07	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:24:46	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.07	8.43	ppb
Lead	207-1	0.10	0.08	0.07	0.08	14.11	ppb
Lead	208-1	0.08	0.08	0.07	0.07	7.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.71	0.95	1.45	1.37	28.03	ppb
Manganese	55-2	0.05	0.05	0.03	0.04	28.77	ppb
Molybdenum	94-1	0.07	0.09	0.04	0.07	32.14	ppb
Molybdenum	95-1	0.09	0.06	0.08	0.08	17.59	ppb
Molybdenum	96-1	0.11	0.06	0.05	0.07	41.33	ppb
Molybdenum	97-1	0.08	0.06	0.07	0.07	15.35	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	13.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.02	0.00	8822.02	ppb
Phosphorus	31-2	-16.49	-4.73	-7.82	-9.68		ppb
Potassium	39-2	-5.37	-2.46	-3.38	-3.74		ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				107		%
Selenium	82-1	-0.31	-0.07	-0.19	-0.19		ppb
Selenium	77-2	-0.36	-0.36	-0.36	-0.36		ppb
Selenium	78-2	-0.22	0.42	-0.61	-0.14		ppb
Silicon	28-1	-11.56	-12.26	-11.37	-11.73		ppb
Silver	107-1	0.06	0.04	0.05	0.05	19.94	ppb
Silver	109-1	0.04	0.05	0.03	0.04	22.17	ppb
Sodium	23-2	21.74	20.38	19.28	20.47	6.03	ppb
Strontium	86-1	0.04	0.06	0.00	0.03	86.55	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	22.67	ppb
Sulfur	34-1	-3509.41	-3913.18	-3502.20	-3641.60		ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.05	0.06	0.05	18.05	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	12.93	ppb
Tin	118-1	-0.31	-0.31	-0.34	-0.32		ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:24:46	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.05	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	466.15	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	48.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				110		%
Zinc	66-2	0.13	0.15	0.29	0.19	42.94	ppb
Zirconium	90-1	0.11	0.01	0.10	0.07	76.48	ppb
Zirconium	91-1	0.29	0.00	0.25	0.18	86.78	ppb

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152	147	139	146	4.76	cps
Antimony	121-1	67	42	75	61	28.38	cps
Arsenic	75-2	4	10	9	8	41.93	cps
Barium	135-1	58	17	58	44	54.12	cps
Barium	137-1	108	108	17	78	68.04	cps
Beryllium	9-1	30	28	122	60	89.52	cps
Bismuth	209-1	7566755	7795289	7821734	7727926	1.81	cps
Bismuth	209-2	4105153	4153505	4159694	4139450	0.72	cps
Boron	10-1	326	260	304	297	11.33	cps
Boron	11-1	1334	1478	1296	1369	7.01	cps
Bromine	81-1	21348	21188	21920	21485	1.79	cps
Cadmium	111-1	4573	4990	4719	4761	4.44	cps
Cadmium	106-1	6535	7102	6727	6788	4.25	cps
Cadmium	108-1	50	33	63	49	30.11	cps
Calcium	43-1	392	396	424	404	4.22	cps
Calcium	44-1	37379	37430	37968	37592	0.87	cps
Carbon	12-1	5501709	5465877	5461298	5476295	0.40	cps
Carbon	12-2	56735	54284	56166	55729	2.30	cps
Chlorine	35-1	2370822	2233368	2199056	2267749	4.01	cps
Chlorine	35-2	15258	14399	13890	14516	4.76	cps
Chromium	52-2	1147	1037	1083	1089	5.07	cps
Cobalt	59-2	103	67	100	90	22.53	cps
Copper	63-2	1223	1063	1293	1193	9.88	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	83	75	83	81	5.98	cps
Erbium	164-2	30	47	50	42	25.38	cps
Gadolinium	160-1	100	150	33	94	61.98	cps
Gadolinium	160-2	57	67	87	70	21.82	cps
Holmium	165-1	12973176	13286438	13297653	13185756	1.40	cps
Holmium	165-2	6181173	6023333	6104183	6102896	1.29	cps
Indium	115-1	11215323	11426680	11764579	11468861	2.42	cps
Indium	115-2	1871211	1833661	1839071	1847981	1.10	cps
Iron	54-2	656	717	711	694	4.87	cps
Iron	56-2	5396	5818	5896	5703	4.72	cps
Iron	57-2	233	233	156	207	21.65	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	810	950	883	7.95	cps
Lead	206-1	1295	1350	1378	1341	3.17	cps
Lead	207-1	972	989	1189	1050	11.49	cps
Lead	208-1	4950	4923	5801	5225	9.56	cps
Lithium	6-1	4227694	4464839	4423036	4371856	2.90	cps
Magnesium	24-2	500	583	583	556	8.66	cps
Manganese	55-2	213	233	200	216	7.78	cps
Molybdenum	94-1	383	392	383	386	1.25	cps
Molybdenum	95-1	125	125	150	133	10.82	cps
Molybdenum	96-1	292	183	292	256	24.48	cps
Molybdenum	97-1	117	33	117	89	54.13	cps
Molybdenum	98-1	208	192	258	219	15.81	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	100	123	77	100	23.33	cps
Phosphorus	31-2	100	133	92	108	20.35	cps
Potassium	39-2	20824	20332	19497	20218	3.32	cps
Rhodium	103-1	11312100	11553808	11561032	11475647	1.23	cps
Rhodium	103-2	5159389	5082937	5095644	5112657	0.80	cps
Scandium	45-1	8526887	8772312	8557932	8619043	1.55	cps
Scandium	45-2	265762	264892	264548	265067	0.24	cps
Selenium	82-1	1	124	-72	18	557.45	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	70	58	68	65	9.84	cps
Silicon	28-1	494408	493296	496953	494885	0.38	cps
Silver	107-1	300	450	392	381	19.87	cps
Silver	109-1	342	392	283	339	16.00	cps
Sodium	23-2	33748	35051	33464	34088	2.48	cps
Strontium	86-1	1275	1600	1600	1492	12.58	cps
Strontium	88-1	758	833	833	808	5.36	cps
Sulfur	34-1	476402	475278	479778	477153	0.49	cps
Terbium	159-1	13129484	13784954	13814546	13576328	2.85	cps
Terbium	159-2	6027336	6053048	6217267	6099217	1.69	cps
Thallium	203-1	525	542	400	489	15.84	cps
Thallium	205-1	1183	1233	1208	1208	2.07	cps
Tin	118-1	8473	1525	1683	3894	101.86	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:21:17	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	275	267	275	3.03	cps
Uranium	238-1	33	67	567	222	134.46	cps
Vanadium	51-2	30	20	17	22	31.22	cps
Ytterbium	172-1	42	58	17	39	53.92	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	1508	1417	1358	1428	5.30	cps
Ytterbium	176-2	2884	3045	3023	2984	2.93	cps
Yttrium	89-1	28045487	27911556	28674220	28210421	1.44	cps
Yttrium	89-2	3027840	2978550	3128385	3044925	2.51	cps
Zinc	66-2	425	389	472	429	9.69	cps
Zirconium	90-1	1267	1008	1200	1158	11.58	cps
Zirconium	91-1	158	150	258	189	31.92	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 11:27:26 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1787	1824	1710	1774	3.28	cps
Antimony	121-1	19523	19723	18938	19395	2.10	cps
Arsenic	75-2	289	284	289	287	1.00	cps
Barium	135-1	24381	25132	26117	25210	3.45	cps
Barium	137-1	45854	43295	43906	44351	3.01	cps
Beryllium	9-1	2982	3002	2876	2953	2.29	cps
Bismuth	209-1	8175139	7906166	7767751	7949686	2.61	cps
Bismuth	209-2	4257719	4217508	4260952	4245393	0.57	cps
Boron	10-1	6724	7386	7348	7153	5.20	cps
Boron	11-1	31161	32750	34570	32827	5.20	cps
Bromine	81-1	20897	21519	20275	20897	2.97	cps
Cadmium	111-1	7825	7497	7721	7681	2.18	cps
Cadmium	106-1	7527	7361	7527	7472	1.29	cps
Cadmium	108-1	213	217	213	214	1.13	cps
Calcium	43-1	19407	19779	19590	19592	0.95	cps
Calcium	44-1	353077	353448	352975	353166	0.07	cps
Carbon	12-1	5942611	6038563	6083472	6021549	1.19	cps
Carbon	12-2	61061	59521	58350	59644	2.28	cps
Chlorine	35-1	1821353	1727383	1627794	1725510	5.61	cps
Chlorine	35-2	10838	10604	10496	10646	1.64	cps
Chromium	52-2	7272	7269	7502	7348	1.82	cps
Cobalt	59-2	5401	5548	5711	5553	2.79	cps
Copper	63-2	9090	9006	9103	9066	0.58	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	58	125	75	58.79	cps
Erbium	164-2	23	20	23	22	8.65	cps
Gadolinium	160-1	117	75	117	103	23.41	cps
Gadolinium	160-2	47	37	43	42	12.06	cps
Holmium	165-1	13673608	13262635	13259017	13398420	1.78	cps
Holmium	165-2	6186770	6123486	6001777	6104011	1.54	cps
Indium	115-1	12127448	11749977	11996118	11957848	1.60	cps
Indium	115-2	1901423	1853284	1865917	1873541	1.33	cps
Iron	54-2	8002	8002	7741	7915	1.91	cps
Iron	56-2	135638	131719	132678	133345	1.53	cps
Iron	57-2	3200	3295	3045	3180	3.97	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:27:26	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1047	827	939	11.72	cps
Lead	206-1	8342	8981	8236	8520	4.73	cps
Lead	207-1	7380	7458	7669	7502	1.99	cps
Lead	208-1	34029	34201	33495	33909	1.09	cps
Lithium	6-1	4682788	4584815	4629279	4632294	1.06	cps
Magnesium	24-2	114826	113608	114396	114277	0.54	cps
Manganese	55-2	1987	1837	1867	1897	4.19	cps
Molybdenum	94-1	23762	24213	23696	23891	1.18	cps
Molybdenum	95-1	29991	28747	29373	29370	2.12	cps
Molybdenum	96-1	33399	33040	31294	32578	3.46	cps
Molybdenum	97-1	17870	18822	18655	18449	2.75	cps
Molybdenum	98-1	46454	45425	47064	46314	1.79	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1727	1780	1753	1753	1.52	cps
Phosphorus	31-2	42	100	75	72	40.52	cps
Potassium	39-2	103545	104032	105980	104519	1.23	cps
Rhodium	103-1	12056173	11383473	11719472	11719706	2.87	cps
Rhodium	103-2	5152021	5098567	5102838	5117809	0.58	cps
Scandium	45-1	9077469	8728580	8833363	8879804	2.02	cps
Scandium	45-2	265476	265658	264435	265189	0.25	cps
Selenium	82-1	988	987	1101	1025	6.38	cps
Selenium	77-2	20	17	40	26	49.38	cps
Selenium	78-2	184	187	161	177	8.02	cps
Silicon	28-1	588201	591769	590019	589997	0.30	cps
Silver	107-1	13332	13482	14083	13632	2.91	cps
Silver	109-1	12606	12614	13365	12862	3.39	cps
Sodium	23-2	254394	255547	252390	254110	0.63	cps
Strontium	86-1	5626	5335	5518	5493	2.68	cps
Strontium	88-1	36498	35989	35278	35922	1.71	cps
Sulfur	34-1	472374	480697	481208	478093	1.04	cps
Terbium	159-1	14342056	13847076	13661418	13950183	2.52	cps
Terbium	159-2	6111024	6087137	6190387	6129516	0.88	cps
Thallium	203-1	9179	9729	9229	9379	3.24	cps
Thallium	205-1	22295	21911	22612	22272	1.58	cps
Tin	118-1	44824	45410	43411	44548	2.31	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:27:26	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9120	8870	9487	9159	3.39	cps
Uranium	238-1	26679	27814	25284	26592	4.77	cps
Vanadium	51-2	12702	12462	12409	12524	1.25	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	0	0	44	15	173.21	cps
Ytterbium	176-1	1683	1667	1608	1653	2.38	cps
Ytterbium	176-2	2172	2050	1984	2069	4.63	cps
Yttrium	89-1	29457198	28317402	28256944	28677181	2.36	cps
Yttrium	89-2	3086136	3046634	3053892	3062221	0.69	cps
Zinc	66-2	1422	1334	1472	1409	4.96	cps
Zirconium	90-1	20073	20841	20190	20368	2.03	cps
Zirconium	91-1	4868	4134	4601	4534	8.19	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81372	81023	80089	80828	0.82	cps
Antimony	121-1	502945	506472	505252	504890	0.35	cps
Arsenic	75-2	15120	15055	15092	15089	0.22	cps
Barium	135-1	654229	644634	640106	646323	1.12	cps
Barium	137-1	1113756	1140781	1149304	1134614	1.64	cps
Beryllium	9-1	146218	148297	147814	147443	0.74	cps
Bismuth	209-1	7746546	7803323	7463188	7671019	2.38	cps
Bismuth	209-2	4204932	4190976	4240097	4212002	0.60	cps
Boron	10-1	15095	15689	16544	15776	4.62	cps
Boron	11-1	71254	73157	76724	73712	3.77	cps
Bromine	81-1	21188	20616	20747	20850	1.44	cps
Cadmium	111-1	146361	145504	147103	146322	0.55	cps
Cadmium	106-1	21684	21284	21960	21642	1.57	cps
Cadmium	108-1	10404	9808	10375	10196	3.30	cps
Calcium	43-1	219754	219866	224058	221226	1.11	cps
Calcium	44-1	3668063	3551507	3630946	3616839	1.65	cps
Carbon	12-1	7688732	7953600	8055051	7899127	2.39	cps
Carbon	12-2	77194	76910	77823	77309	0.60	cps
Chlorine	35-1	1638460	1558122	1521793	1572792	3.80	cps
Chlorine	35-2	10646	10129	10121	10298	2.92	cps
Chromium	52-2	165371	168055	161130	164852	2.12	cps
Cobalt	59-2	296842	292723	285849	291805	1.90	cps
Copper	63-2	2360109	2357623	2374302	2364011	0.38	cps
Dysprosium	156-1	50	67	17	44	57.28	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	125	92	125	114	16.90	cps
Erbium	164-2	33	53	37	41	26.06	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	80	57	67	68	17.27	cps
Holmium	165-1	13610029	13328311	12629507	13189283	3.83	cps
Holmium	165-2	6334986	6448494	6331624	6371701	1.04	cps
Indium	115-1	11618656	11678732	11063503	11453630	2.96	cps
Indium	115-2	1866658	1867798	1886780	1873745	0.60	cps
Iron	54-2	368701	361237	365845	365261	1.03	cps
Iron	56-2	6759483	6714374	6641134	6704997	0.89	cps
Iron	57-2	166667	162842	164084	164531	1.19	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	863	983	933	6.69	cps
Lead	206-1	1915354	1936365	1889507	1913742	1.23	cps
Lead	207-1	1579396	1589941	1689827	1619721	3.76	cps
Lead	208-1	7654322	7688491	7722787	7688534	0.45	cps
Lithium	6-1	4618773	4573099	4324176	4505349	3.52	cps
Magnesium	24-2	1232221	1228884	1217676	1226260	0.62	cps
Manganese	55-2	826419	828256	820238	824971	0.51	cps
Molybdenum	94-1	1228171	1231706	1226247	1228708	0.23	cps
Molybdenum	95-1	1538264	1537471	1519822	1531852	0.68	cps
Molybdenum	96-1	1704241	1723431	1725147	1717606	0.68	cps
Molybdenum	97-1	912436	929726	924420	922194	0.96	cps
Molybdenum	98-1	2435429	2423181	2501218	2453276	1.71	cps
Neodymium	150-1	33	73	27	44	56.79	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	79748	80292	79802	79947	0.37	cps
Phosphorus	31-2	3000	3075	2850	2975	3.85	cps
Potassium	39-2	480985	487571	474441	480999	1.36	cps
Rhodium	103-1	11649828	11626978	11051205	11442670	2.96	cps
Rhodium	103-2	5233829	5180060	5163327	5192405	0.71	cps
Scandium	45-1	8685213	8619741	8380168	8561707	1.88	cps
Scandium	45-2	262345	269045	264349	265246	1.30	cps
Selenium	82-1	10328	10320	10413	10354	0.50	cps
Selenium	77-2	357	367	380	368	3.18	cps
Selenium	78-2	1168	1110	1106	1128	3.08	cps
Silicon	28-1	905304	936740	958379	933475	2.86	cps
Silver	107-1	708904	710021	719590	712838	0.82	cps
Silver	109-1	670541	687082	699001	685541	2.08	cps
Sodium	23-2	2333293	2333839	2342743	2336625	0.23	cps
Strontium	86-1	1993383	1973823	2004693	1990633	0.78	cps
Strontium	88-1	16758149	16794174	17035125	16862483	0.89	cps
Sulfur	34-1	523550	513446	514241	517079	1.09	cps
Terbium	159-1	13727365	13912153	13177679	13605733	2.81	cps
Terbium	159-2	6105057	6226720	6148507	6160094	1.00	cps
Thallium	203-1	445898	456742	454659	452433	1.27	cps
Thallium	205-1	1060837	1089117	1087280	1079078	1.47	cps
Tin	118-1	458094	450964	465579	458212	1.59	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:33:34	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	464113	472740	471945	469599	1.02	cps
Uranium	238-1	1382068	1418131	1405017	1401739	1.30	cps
Vanadium	51-2	128215	127653	128305	128058	0.28	cps
Ytterbium	172-1	42	67	50	53	24.12	cps
Ytterbium	172-2	28	11	22	20	41.67	cps
Ytterbium	176-1	3617	3567	3442	3542	2.55	cps
Ytterbium	176-2	2628	2723	3006	2786	7.06	cps
Yttrium	89-1	27980010	28792641	27270650	28014434	2.72	cps
Yttrium	89-2	3165356	3113519	3069390	3116088	1.54	cps
Zinc	66-2	256546	249894	247171	251204	1.92	cps
Zirconium	90-1	1033325	1052221	1066800	1050782	1.60	cps
Zirconium	91-1	231912	230086	233576	231858	0.75	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:36:38	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197069	197132	198941	197714	0.54	cps
Antimony	121-1	1250535	1256603	1258695	1255278	0.34	cps
Arsenic	75-2	37618	36446	36990	37018	1.58	cps
Barium	135-1	1628311	1672291	1661032	1653878	1.38	cps
Barium	137-1	2844168	2876461	2854087	2858239	0.58	cps
Beryllium	9-1	361248	366342	368998	365529	1.08	cps
Bismuth	209-1	7938083	7857578	7716173	7837278	1.43	cps
Bismuth	209-2	4216364	4382058	4251549	4283324	2.04	cps
Boron	10-1	36762	39218	40223	38735	4.60	cps
Boron	11-1	172646	183183	183535	179788	3.44	cps
Bromine	81-1	20276	20877	21509	20887	2.95	cps
Cadmium	111-1	348997	354075	351135	351402	0.73	cps
Cadmium	106-1	43319	43419	42558	43099	1.09	cps
Cadmium	108-1	25495	25261	25085	25280	0.81	cps
Calcium	43-1	551222	549560	546512	549098	0.44	cps
Calcium	44-1	9032448	9108742	8954956	9032049	0.85	cps
Carbon	12-1	6458243	6588497	6572603	6539781	1.09	cps
Carbon	12-2	66308	65572	64760	65547	1.18	cps
Chlorine	35-1	1575338	1543423	1454329	1524363	4.11	cps
Chlorine	35-2	10329	10154	10304	10262	0.92	cps
Chromium	52-2	402145	399755	408781	403560	1.16	cps
Cobalt	59-2	720938	714922	724577	720145	0.68	cps
Copper	63-2	5607358	5598896	5733695	5646650	1.34	cps
Dysprosium	156-1	58	75	17	50	60.09	cps
Dysprosium	156-2	30	40	20	30	33.33	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	33	27	43	34	24.35	cps
Gadolinium	160-1	158	183	133	158	15.79	cps
Gadolinium	160-2	97	63	37	66	45.86	cps
Holmium	165-1	13455179	13428988	13343813	13409327	0.43	cps
Holmium	165-2	6176500	6358500	6249056	6261352	1.46	cps
Indium	115-1	11499455	11392198	11768702	11553452	1.68	cps
Indium	115-2	1862046	1842691	1805617	1836785	1.56	cps
Iron	54-2	908790	887246	905239	900425	1.28	cps
Iron	56-2	16788615	16003509	16301201	16364442	2.42	cps
Iron	57-2	403851	394641	405095	401196	1.42	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 11:36:38 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	837	967	943	916	7.57	cps
Lead	206-1	4832661	4812074	4897422	4847385	0.92	cps
Lead	207-1	4185485	4143831	4226922	4185413	0.99	cps
Lead	208-1	19269930	19049297	19041286	19120171	0.68	cps
Lithium	6-1	4528468	4375609	4408325	4437467	1.81	cps
Magnesium	24-2	2938818	2949236	2947002	2945018	0.19	cps
Manganese	55-2	2125566	2050869	2078860	2085098	1.81	cps
Molybdenum	94-1	3084449	3066145	3104553	3085049	0.62	cps
Molybdenum	95-1	3807564	3813235	3795014	3805271	0.25	cps
Molybdenum	96-1	4224442	4147199	4230727	4200789	1.11	cps
Molybdenum	97-1	2331893	2278242	2289030	2299722	1.23	cps
Molybdenum	98-1	5976237	6019820	5788163	5928073	2.08	cps
Neodymium	150-1	93	73	113	93	21.43	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	195546	191583	193863	193664	1.03	cps
Phosphorus	31-2	6743	6818	6968	6843	1.67	cps
Potassium	39-2	1149952	1163000	1171031	1161328	0.92	cps
Rhodium	103-1	11404662	11326392	10998386	11243147	1.92	cps
Rhodium	103-2	5109191	5202324	5015989	5109168	1.82	cps
Scandium	45-1	8976657	8641564	8775526	8797916	1.92	cps
Scandium	45-2	261537	271788	262075	265133	2.18	cps
Selenium	82-1	25903	25607	25747	25752	0.58	cps
Selenium	77-2	667	693	773	711	7.81	cps
Selenium	78-2	2712	2639	2662	2671	1.40	cps
Silicon	28-1	1517524	1533252	1536737	1529171	0.67	cps
Silver	107-1	1839642	1786073	1833173	1819629	1.61	cps
Silver	109-1	1713005	1743309	1713136	1723150	1.01	cps
Sodium	23-2	5455539	5494078	5415098	5454905	0.72	cps
Strontium	86-1	4861239	4752144	4760502	4791295	1.27	cps
Strontium	88-1	41583170	41177559	41508047	41422925	0.52	cps
Sulfur	34-1	586690	580257	582196	583048	0.57	cps
Terbium	159-1	13658389	13607528	14230070	13831996	2.50	cps
Terbium	159-2	6038577	6298911	5984470	6107319	2.75	cps
Thallium	203-1	1110315	1129390	1140543	1126750	1.36	cps
Thallium	205-1	2780104	2809992	2821890	2803996	0.77	cps
Tin	118-1	1132185	1114285	1134189	1126886	0.97	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:36:38	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192645	1175183	1153041	1173623	1.69	cps
Uranium	238-1	3577973	3670348	3561548	3603290	1.63	cps
Vanadium	51-2	316660	311563	312614	313612	0.86	cps
Ytterbium	172-1	25	25	67	39	61.86	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	6752	6935	6085	6591	6.79	cps
Ytterbium	176-2	4240	4051	4040	4110	2.74	cps
Yttrium	89-1	28439275	27804635	27661250	27968387	1.48	cps
Yttrium	89-2	3127769	3172381	3016521	3105557	2.58	cps
Zinc	66-2	620760	613556	623511	619275	0.83	cps
Zirconium	90-1	2704251	2701575	2684154	2696660	0.40	cps
Zirconium	91-1	581105	588348	589090	586181	0.75	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397903	400697	396381	398327	0.55	cps
Antimony	121-1	2649744	2567840	2571095	2596226	1.79	cps
Arsenic	75-2	74858	75057	75155	75023	0.20	cps
Barium	135-1	3352347	3351429	3317742	3340506	0.59	cps
Barium	137-1	5707510	5735604	5697118	5713411	0.35	cps
Beryllium	9-1	737314	737557	724860	733243	0.99	cps
Bismuth	209-1	7187589	7916075	7993159	7698941	5.77	cps
Bismuth	209-2	4228645	4309855	4219715	4252738	1.17	cps
Boron	10-1	72097	75634	79357	75696	4.80	cps
Boron	11-1	334802	350642	358306	347917	3.45	cps
Bromine	81-1	21098	21920	20586	21201	3.17	cps
Cadmium	111-1	708088	699937	710624	706216	0.79	cps
Cadmium	106-1	81314	81474	80972	81253	0.32	cps
Cadmium	108-1	51383	52345	50463	51397	1.83	cps
Calcium	43-1	1111071	1096821	1103932	1103941	0.65	cps
Calcium	44-1	17963825	18096514	18009954	18023431	0.37	cps
Carbon	12-1	6399017	6604261	6584495	6529258	1.73	cps
Carbon	12-2	64434	65831	66250	65505	1.45	cps
Chlorine	35-1	1662670	1570701	1553611	1595661	3.68	cps
Chlorine	35-2	10779	10304	10337	10474	2.53	cps
Chromium	52-2	808910	822464	809766	813713	0.93	cps
Cobalt	59-2	1509487	1500005	1471982	1493825	1.31	cps
Copper	63-2	11285660	11476809	11237599	11333356	1.12	cps
Dysprosium	156-1	142	117	108	122	14.19	cps
Dysprosium	156-2	70	57	73	67	13.22	cps
Erbium	164-1	100	92	100	97	4.95	cps
Erbium	164-2	50	53	50	51	3.76	cps
Gadolinium	160-1	158	283	250	231	28.07	cps
Gadolinium	160-2	87	103	67	86	21.45	cps
Holmium	165-1	12369513	13419004	13504867	13097795	4.83	cps
Holmium	165-2	6340841	6265126	6345108	6317025	0.71	cps
Indium	115-1	10930691	11638038	11823576	11464102	4.11	cps
Indium	115-2	1896914	1861654	1880684	1879751	0.94	cps
Iron	54-2	1866712	1858676	1899855	1875081	1.16	cps
Iron	56-2	32746645	33144870	32928835	32940117	0.61	cps
Iron	57-2	812015	822370	808225	814204	0.90	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	907	953	942	3.34	cps
Lead	206-1	9273078	9741131	9685908	9566706	2.67	cps
Lead	207-1	8206888	8432095	8426161	8355048	1.54	cps
Lead	208-1	37749681	38709011	38658192	38372295	1.41	cps
Lithium	6-1	4172579	4390715	4500832	4354709	3.84	cps
Magnesium	24-2	5916909	5800408	5865160	5860826	1.00	cps
Manganese	55-2	4208537	4143967	4184143	4178882	0.78	cps
Molybdenum	94-1	6117825	6250079	6265181	6211029	1.31	cps
Molybdenum	95-1	7500227	7616787	7606557	7574524	0.85	cps
Molybdenum	96-1	8596289	8438710	8459737	8498245	1.01	cps
Molybdenum	97-1	4657784	4653206	4763198	4691396	1.33	cps
Molybdenum	98-1	11865633	12013698	12071251	11983527	0.89	cps
Neodymium	150-1	107	147	227	160	38.19	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	391612	397637	391327	393525	0.91	cps
Phosphorus	31-2	13415	14274	13482	13724	3.48	cps
Potassium	39-2	2294498	2319147	2320197	2311280	0.63	cps
Rhodium	103-1	10202880	11271142	11727122	11067048	7.07	cps
Rhodium	103-2	5202639	5066765	5168491	5145965	1.37	cps
Scandium	45-1	8049089	8722418	8686686	8486065	4.46	cps
Scandium	45-2	268903	263954	266275	266377	0.93	cps
Selenium	82-1	51563	51447	51714	51574	0.26	cps
Selenium	77-2	1500	1457	1573	1510	3.91	cps
Selenium	78-2	5375	5379	5232	5328	1.57	cps
Silicon	28-1	2476380	2562130	2549408	2529306	1.83	cps
Silver	107-1	3730496	3633704	3603211	3655804	1.82	cps
Silver	109-1	3461227	3538392	3453031	3484217	1.35	cps
Sodium	23-2	11114734	11052016	11170034	11112261	0.53	cps
Strontium	86-1	9833192	9629902	9641515	9701536	1.18	cps
Strontium	88-1	84761325	83387050	84137964	84095446	0.82	cps
Sulfur	34-1	681096	672768	670746	674870	0.81	cps
Terbium	159-1	13455016	13666803	14065119	13728979	2.26	cps
Terbium	159-2	6425812	6087118	6362069	6291667	2.86	cps
Thallium	203-1	2348093	2381025	2368012	2365710	0.70	cps
Thallium	205-1	5604619	5508804	5493171	5535531	1.09	cps
Tin	118-1	2322122	2341488	2313919	2325843	0.61	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:39:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2317413	2375899	2314691	2336001	1.48	cps
Uranium	238-1	7455539	7292638	7310934	7353037	1.21	cps
Vanadium	51-2	639147	638548	630978	636224	0.72	cps
Ytterbium	172-1	33	33	58	42	34.64	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	11605	11305	11455	11455	1.31	cps
Ytterbium	176-2	6202	6869	6707	6592	5.28	cps
Yttrium	89-1	25654615	28381629	29436312	27824185	7.01	cps
Yttrium	89-2	3131581	3049614	3130265	3103820	1.51	cps
Zinc	66-2	1219875	1251300	1235328	1235501	1.27	cps
Zirconium	90-1	5378729	5311641	5372425	5354265	0.69	cps
Zirconium	91-1	1179105	1159671	1172195	1170323	0.84	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	789577	786042	776346	783988	0.87	cps
Antimony	121-1	5212229	5266744	5252586	5243853	0.54	cps
Arsenic	75-2	150134	150894	149051	150026	0.62	cps
Barium	135-1	6728298	6833259	6807005	6789521	0.80	cps
Barium	137-1	11733664	11769771	11852340	11785258	0.52	cps
Beryllium	9-1	1501230	1472323	1481134	1484896	1.00	cps
Bismuth	209-1	8028301	8213075	8046555	8095977	1.26	cps
Bismuth	209-2	4360415	4349692	4355014	4355040	0.12	cps
Boron	10-1	142680	147777	151983	147480	3.16	cps
Boron	11-1	665955	698144	713048	692382	3.48	cps
Bromine	81-1	21398	22752	21649	21933	3.28	cps
Cadmium	111-1	1427244	1436852	1436284	1433460	0.38	cps
Cadmium	106-1	156246	159337	156583	157389	1.08	cps
Cadmium	108-1	104454	104643	105706	104934	0.64	cps
Calcium	43-1	2238566	2311639	2350774	2300326	2.48	cps
Calcium	44-1	36201194	36883786	37522310	36869096	1.79	cps
Carbon	12-1	7570264	7551701	7582783	7568249	0.21	cps
Carbon	12-2	77681	77438	74817	76645	2.07	cps
Chlorine	35-1	1630308	1641645	1611478	1627810	0.94	cps
Chlorine	35-2	10988	10271	10246	10501	4.01	cps
Chromium	52-2	1686127	1658533	1686015	1676892	0.95	cps
Cobalt	59-2	2952922	2920529	2918398	2930617	0.66	cps
Copper	63-2	22257535	22613421	22439091	22436682	0.79	cps
Dysprosium	156-1	200	167	325	231	36.20	cps
Dysprosium	156-2	93	57	97	82	26.99	cps
Erbium	164-1	117	75	133	108	27.74	cps
Erbium	164-2	80	63	57	67	18.03	cps
Gadolinium	160-1	325	325	292	314	6.13	cps
Gadolinium	160-2	177	143	123	148	18.23	cps
Holmium	165-1	14319578	14319578	14620595	14419917	1.21	cps
Holmium	165-2	6577426	6531708	6564311	6557815	0.36	cps
Indium	115-1	12020176	12036065	12036084	12030775	0.08	cps
Indium	115-2	1915177	1870972	1877205	1887785	1.27	cps
Iron	54-2	3692621	3630480	3668866	3663989	0.86	cps
Iron	56-2	65802890	65853199	65382731	65679607	0.39	cps
Iron	57-2	1723808	1694712	1682446	1700322	1.25	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	960	830	878	8.15	cps
Lead	206-1	20074907	19473537	19806087	19784844	1.52	cps
Lead	207-1	17093955	17346177	17485856	17308663	1.15	cps
Lead	208-1	78148755	79827949	80067372	79348025	1.32	cps
Lithium	6-1	4591471	4469993	4518839	4526768	1.35	cps
Magnesium	24-2	11567166	11624550	11492636	11561451	0.57	cps
Manganese	55-2	8254251	8227867	8261297	8247805	0.21	cps
Molybdenum	94-1	12689729	12777107	12912117	12792985	0.88	cps
Molybdenum	95-1	15342386	15653692	15833099	15609725	1.59	cps
Molybdenum	96-1	16983693	17370214	17410667	17254858	1.37	cps
Molybdenum	97-1	9451041	9586305	9512343	9516563	0.71	cps
Molybdenum	98-1	24283825	24933459	24679693	24632326	1.33	cps
Neodymium	150-1	200	273	253	242	15.65	cps
Neodymium	150-2	13	27	27	22	34.66	cps
Nickel	60-2	774076	775610	769767	773151	0.39	cps
Phosphorus	31-2	26942	26091	26917	26650	1.82	cps
Potassium	39-2	4639358	4517163	4495281	4550601	1.71	cps
Rhodium	103-1	11660628	11729793	11605190	11665203	0.54	cps
Rhodium	103-2	5369230	5275766	5202201	5282399	1.58	cps
Scandium	45-1	8922960	9101650	8963577	8996063	1.04	cps
Scandium	45-2	270307	273279	266791	270126	1.20	cps
Selenium	82-1	104298	104766	104776	104613	0.26	cps
Selenium	77-2	3167	3177	2950	3098	4.13	cps
Selenium	78-2	10399	10506	10295	10400	1.02	cps
Silicon	28-1	4624530	4873950	4962776	4820419	3.64	cps
Silver	107-1	7453539	7345515	7335183	7378079	0.89	cps
Silver	109-1	6967788	6989523	7034911	6997407	0.49	cps
Sodium	23-2	21875877	21846384	21851887	21858049	0.07	cps
Strontium	86-1	19753986	19719246	20105151	19859461	1.07	cps
Strontium	88-1	172847333	170445720	174541166	172611407	1.19	cps
Sulfur	34-1	859943	874338	878653	870978	1.12	cps
Terbium	159-1	14908460	15029186	14848569	14928738	0.62	cps
Terbium	159-2	6413731	6670269	6433658	6505886	2.19	cps
Thallium	203-1	4881994	4789692	4790096	4820594	1.10	cps
Thallium	205-1	11463308	11442386	11693179	11532958	1.21	cps
Tin	118-1	4705890	4745670	4714384	4721981	0.44	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:42:47	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4689655	4765766	4807067	4754163	1.25	cps
Uranium	238-1	14656345	15137266	14815019	14869543	1.65	cps
Vanadium	51-2	1354881	1298497	1256459	1303279	3.79	cps
Ytterbium	172-1	25	50	50	42	34.64	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	21485	21167	21635	21429	1.11	cps
Ytterbium	176-2	11616	11183	11361	11387	1.91	cps
Yttrium	89-1	29408563	29982005	29874111	29754893	1.02	cps
Yttrium	89-2	3252566	3205873	3157566	3205335	1.48	cps
Zinc	66-2	2535423	2501711	2523884	2520339	0.68	cps
Zirconium	90-1	10828362	10990316	11126756	10981811	1.36	cps
Zirconium	91-1	2444891	2487155	2492836	2474960	1.06	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1673550	1647893	1665883	1662442	0.79	cps
Antimony	121-1	10728048	10853198	11014767	10865338	1.32	cps
Arsenic	75-2	313411	310732	312435	312193	0.43	cps
Barium	135-1	14106364	14083747	14065156	14085089	0.15	cps
Barium	137-1	24285028	23850366	23866320	24000572	1.03	cps
Beryllium	9-1	2872245	2790100	2872744	2845030	1.67	cps
Bismuth	209-1	8225838	8257637	8179361	8220945	0.48	cps
Bismuth	209-2	4461062	4489367	4346105	4432178	1.71	cps
Boron	10-1	290430	304788	312787	302668	3.74	cps
Boron	11-1	1258870	1284477	1368523	1303957	4.40	cps
Bromine	81-1	23805	23604	23715	23708	0.42	cps
Cadmium	111-1	2866863	2923351	2935166	2908460	1.26	cps
Cadmium	106-1	312685	315655	313426	313922	0.49	cps
Cadmium	108-1	209612	213860	213706	212393	1.13	cps
Calcium	43-1	4730081	4726911	4535834	4664275	2.39	cps
Calcium	44-1	75057805	75168089	73676076	74633990	1.11	cps
Carbon	12-1	6832770	7052891	7180827	7022163	2.51	cps
Carbon	12-2	73769	74003	74791	74188	0.72	cps
Chlorine	35-1	1636645	1617966	1526355	1593655	3.70	cps
Chlorine	35-2	10537	10137	9895	10190	3.18	cps
Chromium	52-2	3486263	3534190	3511501	3510651	0.68	cps
Cobalt	59-2	5958438	6094071	6139512	6064007	1.55	cps
Copper	63-2	46770974	46774988	46044913	46530292	0.90	cps
Dysprosium	156-1	392	583	475	483	19.89	cps
Dysprosium	156-2	243	203	253	233	11.34	cps
Erbium	164-1	175	150	117	147	19.88	cps
Erbium	164-2	67	73	57	66	12.79	cps
Gadolinium	160-1	483	450	475	469	3.70	cps
Gadolinium	160-2	273	313	290	292	6.88	cps
Holmium	165-1	14444474	15016230	14201447	14554050	2.87	cps
Holmium	165-2	6748935	6686187	6628057	6687726	0.90	cps
Indium	115-1	12076115	12334937	12217720	12209591	1.06	cps
Indium	115-2	1970747	2006692	1907776	1961738	2.55	cps
Iron	54-2	7728942	7596223	7596831	7640665	1.00	cps
Iron	56-2	137718159	133772836	137232225	136241073	1.58	cps
Iron	57-2	3558652	3451905	3490787	3500448	1.54	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	1010	1043	1003	4.36	cps
Lead	206-1	39391799	39328170	40127183	39615718	1.12	cps
Lead	207-1	35046926	34503085	34445594	34665201	0.96	cps
Lead	208-1	161083491	159253026	160097834	160144784	0.57	cps
Lithium	6-1	4404027	4457735	4411038	4424267	0.66	cps
Magnesium	24-2	23914986	23741150	23599785	23751974	0.66	cps
Manganese	55-2	17401196	16791853	17387261	17193437	2.02	cps
Molybdenum	94-1	26588509	26272977	25826385	26229290	1.46	cps
Molybdenum	95-1	32489224	32067819	31447286	32001443	1.64	cps
Molybdenum	96-1	36037113	35881753	35496171	35805012	0.78	cps
Molybdenum	97-1	19698832	19757253	19491557	19649214	0.71	cps
Molybdenum	98-1	51234541	51231455	50989938	51151978	0.27	cps
Neodymium	150-1	513	493	567	524	7.23	cps
Neodymium	150-2	37	20	40	32	33.25	cps
Nickel	60-2	1718509	1648229	1719679	1695472	2.41	cps
Phosphorus	31-2	55214	55173	56796	55727	1.66	cps
Potassium	39-2	9567436	9353940	9538204	9486527	1.22	cps
Rhodium	103-1	11640329	11708056	11563855	11637413	0.62	cps
Rhodium	103-2	5457007	5333857	5229348	5340071	2.13	cps
Scandium	45-1	9189676	9282712	9135867	9202752	0.81	cps
Scandium	45-2	279906	281859	271296	277687	2.02	cps
Selenium	82-1	210109	210902	211325	210779	0.29	cps
Selenium	77-2	6291	6688	6585	6522	3.16	cps
Selenium	78-2	21628	21445	21464	21513	0.47	cps
Silicon	28-1	8335869	8573576	8574165	8494537	1.62	cps
Silver	107-1	14681688	15083039	14963800	14909509	1.38	cps
Silver	109-1	14157335	14155900	14219240	14177492	0.26	cps
Sodium	23-2	45488180	44794896	44660366	44981147	0.99	cps
Strontium	86-1	40792547	40931573	40671201	40798440	0.32	cps
Strontium	88-1	358341508	352776250	350987566	354035108	1.08	cps
Sulfur	34-1	1102512	1110536	1114911	1109320	0.57	cps
Terbium	159-1	14798559	15214264	14878632	14963818	1.47	cps
Terbium	159-2	6750417	6589282	6412363	6584021	2.57	cps
Thallium	203-1	9505696	9480902	9894810	9627136	2.41	cps
Thallium	205-1	22775488	22711822	23386185	22957832	1.62	cps
Tin	118-1	9731579	9733938	9625293	9696937	0.64	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:45:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9821391	9762575	9737278	9773748	0.44	cps
Uranium	238-1	31370131	31572449	31804435	31582338	0.69	cps
Vanadium	51-2	2698059	2787338	2738507	2741301	1.63	cps
Ytterbium	172-1	75	67	75	72	6.66	cps
Ytterbium	172-2	33	6	39	26	68.87	cps
Ytterbium	176-1	43397	42787	43949	43378	1.34	cps
Ytterbium	176-2	21907	21796	22163	21956	0.86	cps
Yttrium	89-1	30410385	30849469	30334810	30531555	0.91	cps
Yttrium	89-2	3400885	3299742	3221954	3307527	2.71	cps
Zinc	66-2	5164582	5153347	5167083	5161671	0.14	cps
Zirconium	90-1	22649702	22960908	22803231	22804614	0.68	cps
Zirconium	91-1	5123060	5035414	4978813	5045762	1.44	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8208817	8311876	8111851	8210848	1.22	cps
Antimony	121-1	6310	6177	6860	6449	5.62	cps
Arsenic	75-2	114	137	116	122	10.41	cps
Barium	135-1	6452	6135	6427	6338	2.78	cps
Barium	137-1	11113	11055	10838	11002	1.32	cps
Beryllium	9-1	430	372	416	406	7.45	cps
Bismuth	209-1	7242666	7215714	7307085	7255155	0.65	cps
Bismuth	209-2	4008547	3939971	4043732	3997417	1.32	cps
Boron	10-1	28205	25723	23516	25815	9.09	cps
Boron	11-1	134855	117953	109414	120740	10.72	cps
Bromine	81-1	24376	23664	23855	23965	1.54	cps
Cadmium	111-1	6245	6143	6378	6255	1.88	cps
Cadmium	106-1	7636	7627	7819	7694	1.41	cps
Cadmium	108-1	138	221	196	185	23.15	cps
Calcium	43-1	20606094	20300797	20206006	20370966	1.03	cps
Calcium	44-1	345430282	340241490	333045430	339572401	1.83	cps
Carbon	12-1	6352115	6441307	6374883	6389435	0.73	cps
Carbon	12-2	77119	74674	77161	76318	1.87	cps
Chlorine	35-1	2680144	2782581	2823383	2762036	2.67	cps
Chlorine	35-2	21692	22226	22601	22173	2.06	cps
Chromium	52-2	12923	12926	12843	12897	0.37	cps
Cobalt	59-2	14161	14020	14130	14104	0.52	cps
Copper	63-2	15749	14728	14728	15068	3.91	cps
Dysprosium	156-1	1892	1850	1642	1795	7.46	cps
Dysprosium	156-2	933	853	900	896	4.49	cps
Erbium	164-1	383	483	267	378	28.71	cps
Erbium	164-2	160	200	150	170	15.56	cps
Gadolinium	160-1	2417	2267	1992	2225	9.69	cps
Gadolinium	160-2	1137	1080	1240	1152	7.04	cps
Holmium	165-1	14244676	13910034	13729373	13961361	1.87	cps
Holmium	165-2	6612984	6372354	6646306	6543881	2.28	cps
Indium	115-1	11728990	11485678	11637729	11617466	1.06	cps
Indium	115-2	1935751	1857836	1894783	1896123	2.06	cps
Iron	54-2	36296072	36015284	36245569	36185642	0.41	cps
Iron	56-2	652399548	668902615	645487348	655596504	1.84	cps
Iron	57-2	16874702	16827026	16986666	16896131	0.49	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	920	993	943	4.59	cps
Lead	206-1	15265	15927	14814	15335	3.65	cps
Lead	207-1	13885	13735	13023	13548	3.40	cps
Lead	208-1	61948	62927	60206	61694	2.23	cps
Lithium	6-1	4071204	4022911	4029307	4041141	0.65	cps
Magnesium	24-2	116451336	116409011	118201932	117020760	0.87	cps
Manganese	55-2	19917	19937	19811	19888	0.34	cps
Molybdenum	94-1	9945	10004	9704	9884	1.61	cps
Molybdenum	95-1	11488	11071	10879	11146	2.79	cps
Molybdenum	96-1	26384	25749	25307	25814	2.10	cps
Molybdenum	97-1	6894	6502	5935	6443	7.48	cps
Molybdenum	98-1	17069	16168	15326	16188	5.39	cps
Neodymium	150-1	100	93	127	107	16.53	cps
Neodymium	150-2	30	23	30	28	13.86	cps
Nickel	60-2	6348	6295	6598	6414	2.53	cps
Phosphorus	31-2	158	192	142	164	15.53	cps
Potassium	39-2	47275095	47060549	47880506	47405383	0.90	cps
Rhodium	103-1	10912859	11088825	11036537	11012740	0.82	cps
Rhodium	103-2	4923557	4922681	4940219	4928819	0.20	cps
Scandium	45-1	9014621	8904519	8961486	8960209	0.61	cps
Scandium	45-2	276023	276212	277746	276660	0.34	cps
Selenium	82-1	309	287	217	271	17.68	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	82	79	80	80	1.90	cps
Silicon	28-1	976906	877243	1014886	956345	7.43	cps
Silver	107-1	5201	4659	4909	4923	5.51	cps
Silver	109-1	4751	4893	4601	4748	3.07	cps
Sodium	23-2	223699130	221698905	221510080	222302705	0.55	cps
Strontium	86-1	19731	19673	20249	19884	1.59	cps
Strontium	88-1	162601	158013	163350	161321	1.79	cps
Sulfur	34-1	395841	398677	395512	396676	0.44	cps
Terbium	159-1	14716183	14461531	14395384	14524366	1.17	cps
Terbium	159-2	6350190	6626929	6413366	6463495	2.24	cps
Thallium	203-1	2400	2392	2575	2456	4.22	cps
Thallium	205-1	6318	6402	5660	6127	6.63	cps
Tin	118-1	7686	6502	6819	7002	8.75	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:48:57	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1934	1717	1850	1834	5.96	cps
Uranium	238-1	4659	5051	4826	4846	4.06	cps
Vanadium	51-2	820	833	817	823	1.07	cps
Ytterbium	172-1	100	100	67	89	21.65	cps
Ytterbium	172-2	39	61	67	56	26.46	cps
Ytterbium	176-1	1667	1583	1817	1689	7.00	cps
Ytterbium	176-2	2095	2250	2261	2202	4.23	cps
Yttrium	89-1	29527870	30004720	30197594	29910062	1.15	cps
Yttrium	89-2	3293650	3256595	3316921	3289055	0.93	cps
Zinc	66-2	19627	19192	19307	19375	1.16	cps
Zirconium	90-1	7611	7194	7452	7419	2.84	cps
Zirconium	91-1	1733	1533	1767	1678	7.52	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42528	42575	42256	42453	0.41	cps
Antimony	121-1	2190780	2138419	2158151	2162450	1.22	cps
Arsenic	75-2	65874	65879	66285	66013	0.36	cps
Barium	135-1	280061	274112	277880	277351	1.09	cps
Barium	137-1	475898	484740	482987	481208	0.97	cps
Beryllium	9-1	269950	271300	271025	270759	0.26	cps
Bismuth	209-1	8355184	8285019	8361692	8333965	0.51	cps
Bismuth	209-2	4644358	4597898	4616506	4619587	0.51	cps
Boron	10-1	46657	49915	50482	49018	4.21	cps
Boron	11-1	217664	233578	241487	230910	5.25	cps
Bromine	81-1	23594	25098	25560	24751	4.15	cps
Cadmium	111-1	306378	303572	305247	305066	0.46	cps
Cadmium	106-1	40418	40811	41413	40881	1.23	cps
Cadmium	108-1	23391	23975	23207	23524	1.70	cps
Calcium	43-1	85345	85586	86067	85666	0.43	cps
Calcium	44-1	1470933	1486334	1499251	1485506	0.95	cps
Carbon	12-1	6164083	6450475	6652270	6422276	3.82	cps
Carbon	12-2	66777	67564	67011	67117	0.60	cps
Chlorine	35-1	2590740	2434970	2368410	2464707	4.63	cps
Chlorine	35-2	16652	16301	15717	16223	2.91	cps
Chromium	52-2	352163	350200	349543	350635	0.39	cps
Cobalt	59-2	641244	627913	625369	631509	1.35	cps
Copper	63-2	472867	478226	478604	476566	0.67	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	23	7	12	78.69	cps
Erbium	164-1	100	117	108	108	7.69	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	142	83	58	94	45.27	cps
Gadolinium	160-2	57	47	73	59	22.87	cps
Holmium	165-1	14289426	14307351	14291687	14296154	0.07	cps
Holmium	165-2	6909693	6743282	6729262	6794079	1.48	cps
Indium	115-1	13060826	12793661	13053372	12969286	1.17	cps
Indium	115-2	2109681	2047062	2068004	2074916	1.54	cps
Iron	54-2	317629	315821	315158	316203	0.40	cps
Iron	56-2	5700473	5583475	5616177	5633375	1.07	cps
Iron	57-2	140530	138403	138678	139204	0.83	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	900	1040	950	8.22	cps
Lead	206-1	1781091	1840076	1758987	1793385	2.34	cps
Lead	207-1	1400899	1431231	1418008	1416713	1.07	cps
Lead	208-1	6866050	7039126	6924123	6943100	1.27	cps
Lithium	6-1	4198253	4353575	4376923	4309584	2.25	cps
Magnesium	24-2	285908	281831	283834	283858	0.72	cps
Manganese	55-2	176694	176792	175138	176208	0.53	cps
Molybdenum	94-1	4310910	4245038	4350099	4302016	1.23	cps
Molybdenum	95-1	5214793	5250027	5367119	5277313	1.51	cps
Molybdenum	96-1	5827942	5765831	5883995	5825923	1.01	cps
Molybdenum	97-1	3271830	3182646	3236410	3230296	1.39	cps
Molybdenum	98-1	8195148	8305641	8370585	8290458	1.07	cps
Neodymium	150-1	7	47	20	24	83.31	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	191438	190529	189712	190559	0.45	cps
Phosphorus	31-2	125	125	150	133	10.83	cps
Potassium	39-2	408911	397913	399092	401972	1.50	cps
Rhodium	103-1	12571613	12619623	12350238	12513825	1.15	cps
Rhodium	103-2	5748026	5617718	5695185	5686976	1.15	cps
Scandium	45-1	9669958	9497359	9543702	9570339	0.93	cps
Scandium	45-2	295321	294859	293768	294649	0.27	cps
Selenium	82-1	44463	44770	44788	44673	0.41	cps
Selenium	77-2	1437	1263	1450	1383	7.53	cps
Selenium	78-2	4750	4640	4693	4695	1.17	cps
Silicon	28-1	639097	698610	732176	689961	6.83	cps
Silver	107-1	738870	742671	734826	738789	0.53	cps
Silver	109-1	705295	698734	702672	702234	0.47	cps
Sodium	23-2	963740	963682	968232	965218	0.27	cps
Strontium	86-1	667877	673406	667419	669567	0.50	cps
Strontium	88-1	5923182	5865529	5850458	5879723	0.65	cps
Sulfur	34-1	391568	393548	393899	393005	0.32	cps
Terbium	159-1	15000954	14896402	14916692	14938016	0.37	cps
Terbium	159-2	6680233	6607494	6602476	6630068	0.66	cps
Thallium	203-1	2069616	2087257	2084020	2080298	0.45	cps
Thallium	205-1	4913645	5032470	4881381	4942499	1.61	cps
Tin	118-1	1532255	1488120	1566569	1528982	2.57	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICV43	Instrumnet Name :	P8
Client Sample ID :	ICV43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 11:57:44	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1566294	1545921	1531437	1547884	1.13	cps
Uranium	238-1	4637018	4625064	4682121	4648068	0.65	cps
Vanadium	51-2	273762	269166	269255	270728	0.97	cps
Ytterbium	172-1	33	33	33	33	0.00	cps
Ytterbium	172-2	17	11	17	15	21.67	cps
Ytterbium	176-1	8136	8128	7486	7916	4.71	cps
Ytterbium	176-2	4995	5485	5585	5355	5.89	cps
Yttrium	89-1	31821652	31518535	31171567	31503918	1.03	cps
Yttrium	89-2	3448627	3434544	3492857	3458676	0.88	cps
Zinc	66-2	99407	99281	100148	99612	0.47	cps
Zirconium	90-1	3613387	3677782	3639297	3643489	0.89	cps
Zirconium	91-1	785193	789813	794351	789786	0.58	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2016	1939	2014	1989	2.21	cps
Antimony	121-1	20833	21108	21250	21064	1.01	cps
Arsenic	75-2	339	305	369	338	9.48	cps
Barium	135-1	27178	26852	26911	26980	0.64	cps
Barium	137-1	47911	46347	47568	47275	1.74	cps
Beryllium	9-1	2874	2842	2844	2853	0.63	cps
Bismuth	209-1	8326024	8304622	8396111	8342252	0.57	cps
Bismuth	209-2	4518737	4463328	4587333	4523133	1.37	cps
Boron	10-1	9661	9757	9923	9781	1.36	cps
Boron	11-1	44049	46031	46807	45629	3.12	cps
Bromine	81-1	24667	24627	24286	24527	0.85	cps
Cadmium	111-1	8347	7925	7550	7941	5.03	cps
Cadmium	106-1	7911	7819	7160	7630	5.36	cps
Cadmium	108-1	213	283	304	267	18.02	cps
Calcium	43-1	21023	20637	20835	20832	0.93	cps
Calcium	44-1	390022	390085	387600	389236	0.36	cps
Carbon	12-1	5724808	5726638	5906658	5786034	1.81	cps
Carbon	12-2	58216	56250	57789	57418	1.80	cps
Chlorine	35-1	2181919	2018568	1892915	2031134	7.13	cps
Chlorine	35-2	12973	12923	11914	12603	4.74	cps
Chromium	52-2	8229	8146	8176	8184	0.52	cps
Cobalt	59-2	6271	5888	6288	6149	3.68	cps
Copper	63-2	10230	9924	10000	10051	1.59	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	83	50	142	92	50.62	cps
Erbium	164-2	57	40	70	56	27.06	cps
Gadolinium	160-1	175	133	117	142	21.21	cps
Gadolinium	160-2	50	47	60	52	13.28	cps
Holmium	165-1	14282082	14266111	14235361	14261185	0.17	cps
Holmium	165-2	6584630	6424093	6605891	6538204	1.52	cps
Indium	115-1	12894883	13316630	12916739	13042751	1.82	cps
Indium	115-2	2071835	2064574	2059687	2065365	0.30	cps
Iron	54-2	8736	8831	8814	8794	0.57	cps
Iron	56-2	147482	147178	149599	148087	0.89	cps
Iron	57-2	3834	3556	3667	3686	3.79	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	887	987	937	5.34	cps
Lead	206-1	9148	9298	9131	9192	1.00	cps
Lead	207-1	8364	7919	8047	8110	2.82	cps
Lead	208-1	37116	36582	36643	36780	0.79	cps
Lithium	6-1	4398394	4348828	4523930	4423717	2.04	cps
Magnesium	24-2	121154	119589	120127	120290	0.66	cps
Manganese	55-2	2010	2040	2090	2047	1.97	cps
Molybdenum	94-1	27202	26401	25582	26395	3.07	cps
Molybdenum	95-1	32046	31896	32756	32232	1.43	cps
Molybdenum	96-1	34887	35404	35112	35134	0.74	cps
Molybdenum	97-1	19039	19147	19564	19250	1.44	cps
Molybdenum	98-1	51103	50794	50643	50847	0.46	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2047	1850	1813	1903	6.59	cps
Phosphorus	31-2	67	83	108	86	24.35	cps
Potassium	39-2	118518	115578	116560	116885	1.28	cps
Rhodium	103-1	12433472	12492898	12439291	12455220	0.26	cps
Rhodium	103-2	5715681	5703482	5677507	5698890	0.34	cps
Scandium	45-1	9738602	9758882	9524965	9674150	1.34	cps
Scandium	45-2	291616	289908	294198	291908	0.74	cps
Selenium	82-1	1126	1223	1069	1139	6.81	cps
Selenium	77-2	37	17	40	31	40.56	cps
Selenium	78-2	208	174	215	199	11.02	cps
Silicon	28-1	579160	575927	584320	579803	0.73	cps
Silver	107-1	14450	14842	14625	14639	1.34	cps
Silver	109-1	13048	14408	13590	13682	5.00	cps
Sodium	23-2	275196	274380	271113	273563	0.79	cps
Strontium	86-1	6060	5476	6118	5885	6.03	cps
Strontium	88-1	39640	39816	38412	39289	1.95	cps
Sulfur	34-1	408697	413771	412248	411572	0.63	cps
Terbium	159-1	15063801	14701351	14862149	14875767	1.22	cps
Terbium	159-2	6559099	6547712	6540157	6548990	0.15	cps
Thallium	203-1	9537	10771	9537	9949	7.16	cps
Thallium	205-1	23088	24549	23188	23608	3.46	cps
Tin	118-1	48771	47416	47676	47954	1.50	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:14:40	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10162	10296	10129	10196	0.87	cps
Uranium	238-1	27029	27088	27898	27338	1.78	cps
Vanadium	51-2	13790	13486	14080	13786	2.15	cps
Ytterbium	172-1	25	58	50	44	39.03	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	1617	1809	1383	1603	13.28	cps
Ytterbium	176-2	2056	2256	2150	2154	4.65	cps
Yttrium	89-1	30477602	31530380	30595230	30867737	1.87	cps
Yttrium	89-2	3429251	3436792	3487080	3451041	0.91	cps
Zinc	66-2	1775	1776	1731	1761	1.45	cps
Zirconium	90-1	22126	22343	22385	22285	0.62	cps
Zirconium	91-1	5184	5168	4793	5048	4.39	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : ICB43 Instrumnet Name : P8
 Client Sample ID : ICB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:36:58 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237	235	217	230	4.74	cps
Antimony	121-1	158	142	183	161	13.02	cps
Arsenic	75-2	16	14	8	13	32.87	cps
Barium	135-1	67	75	58	67	12.49	cps
Barium	137-1	208	150	117	158	29.30	cps
Beryllium	9-1	64	26	28	39	54.37	cps
Bismuth	209-1	8883807	8488987	8331203	8567999	3.32	cps
Bismuth	209-2	4582878	4672289	4723065	4659411	1.52	cps
Boron	10-1	3000	2940	2856	2932	2.47	cps
Boron	11-1	14452	14320	13464	14079	3.81	cps
Bromine	81-1	26101	25499	24306	25302	3.61	cps
Cadmium	111-1	5679	5648	5640	5656	0.37	cps
Cadmium	106-1	8036	8069	7961	8022	0.69	cps
Cadmium	108-1	42	54	29	42	30.00	cps
Calcium	43-1	485	477	451	471	3.76	cps
Calcium	44-1	47781	46791	46619	47064	1.33	cps
Carbon	12-1	6018732	6131741	6249534	6133336	1.88	cps
Carbon	12-2	64308	63663	64434	64135	0.64	cps
Chlorine	35-1	2084678	1986577	1940105	2003787	3.68	cps
Chlorine	35-2	14257	14332	13523	14038	3.18	cps
Chromium	52-2	1127	1177	1133	1146	2.37	cps
Cobalt	59-2	103	93	93	97	5.97	cps
Copper	63-2	3527	3704	3677	3636	2.62	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	83	133	58	92	41.66	cps
Erbium	164-2	27	50	27	34	39.10	cps
Gadolinium	160-1	108	92	158	119	29.05	cps
Gadolinium	160-2	63	67	33	54	33.72	cps
Holmium	165-1	14829328	14960230	14375451	14721670	2.08	cps
Holmium	165-2	6958698	6865269	6744816	6856261	1.56	cps
Indium	115-1	13759362	13491259	12816118	13355579	3.64	cps
Indium	115-2	2126728	2119651	2118909	2121763	0.20	cps
Iron	54-2	800	767	767	778	2.47	cps
Iron	56-2	7041	7196	7141	7126	1.11	cps
Iron	57-2	172	167	222	187	16.36	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:36:58	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	1047	933	976	6.35	cps
Lead	206-1	1817	1756	1733	1769	2.44	cps
Lead	207-1	1572	1433	1456	1487	5.02	cps
Lead	208-1	7340	7023	6951	7105	2.91	cps
Lithium	6-1	4813343	4761461	4595373	4723392	2.41	cps
Magnesium	24-2	492	558	533	528	6.38	cps
Manganese	55-2	303	257	283	281	8.33	cps
Molybdenum	94-1	692	458	625	592	20.31	cps
Molybdenum	95-1	242	225	200	222	9.44	cps
Molybdenum	96-1	367	400	358	375	5.88	cps
Molybdenum	97-1	125	58	42	75	58.79	cps
Molybdenum	98-1	483	325	250	353	33.77	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	143	163	187	164	13.19	cps
Phosphorus	31-2	100	108	117	108	7.69	cps
Potassium	39-2	21667	21500	20590	21252	2.73	cps
Rhodium	103-1	13398355	12975886	12648617	13007619	2.89	cps
Rhodium	103-2	5822256	5850208	5875937	5849467	0.46	cps
Scandium	45-1	10044404	9824003	9704343	9857583	1.75	cps
Scandium	45-2	305011	303126	299865	302667	0.86	cps
Selenium	82-1	46	-55	-10	-6	-786.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	95	73	87	13.98	cps
Silicon	28-1	485315	485886	484144	485115	0.18	cps
Silver	107-1	325	283	267	292	10.30	cps
Silver	109-1	208	242	167	206	18.28	cps
Sodium	23-2	36388	37541	36271	36733	1.91	cps
Strontium	86-1	1842	1675	1683	1733	5.42	cps
Strontium	88-1	1375	1283	1050	1236	13.56	cps
Sulfur	34-1	443976	438641	442974	441864	0.64	cps
Terbium	159-1	16259709	15428155	14673626	15453830	5.13	cps
Terbium	159-2	6812170	6654393	6637440	6701335	1.44	cps
Thallium	203-1	900	683	683	756	16.56	cps
Thallium	205-1	1909	1667	1934	1836	8.02	cps
Tin	118-1	2225	2092	2017	2111	5.00	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICB43	Instrumnet Name :	P8
Client Sample ID :	ICB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:36:58	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	300	242	275	10.93	cps
Uranium	238-1	192	58	108	119	56.39	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Ytterbium	172-1	50	33	58	47	26.97	cps
Ytterbium	172-2	44	28	17	30	47.18	cps
Ytterbium	176-1	1925	1984	1658	1856	9.34	cps
Ytterbium	176-2	2045	2350	2439	2278	9.08	cps
Yttrium	89-1	33383396	32520686	31090765	32331616	3.58	cps
Yttrium	89-2	3517060	3530993	3636315	3561456	1.83	cps
Zinc	66-2	865	719	699	761	11.95	cps
Zirconium	90-1	1350	1417	1233	1333	6.96	cps
Zirconium	91-1	325	233	258	272	17.41	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:39:59	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8362578	8452753	8445760	8420364	0.60	cps
Antimony	121-1	12331	12056	12932	12439	3.60	cps
Arsenic	75-2	99	106	111	105	5.72	cps
Barium	135-1	4059	3959	4184	4067	2.77	cps
Barium	137-1	6985	7110	7227	7108	1.70	cps
Beryllium	9-1	854	808	824	829	2.82	cps
Bismuth	209-1	8155008	8149927	8102531	8135822	0.36	cps
Bismuth	209-2	4483907	3964946	4227422	4225425	6.14	cps
Boron	10-1	2542	2444	2432	2472	2.44	cps
Boron	11-1	11858	11498	10984	11447	3.84	cps
Bromine	81-1	28198	28278	28338	28271	0.25	cps
Cadmium	111-1	6923	6716	6047	6562	6.98	cps
Cadmium	106-1	7928	8019	7227	7725	5.61	cps
Cadmium	108-1	2246	2271	2321	2279	1.68	cps
Calcium	43-1	4200845	4258052	4379883	4279593	2.14	cps
Calcium	44-1	69542752	69997700	71358405	70299619	1.34	cps
Carbon	12-1	40356352	41640887	42365104	41454114	2.45	cps
Carbon	12-2	417685	422755	417705	419382	0.70	cps
Chlorine	35-1	19961666	25396056	29207552	24855091	18.69	cps
Chlorine	35-2	257886	273630	292498	274671	6.31	cps
Chromium	52-2	71072	71829	71759	71553	0.58	cps
Cobalt	59-2	7305	7545	7579	7476	2.00	cps
Copper	63-2	36784	37623	38218	37542	1.92	cps
Dysprosium	156-1	67	67	33	56	34.65	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Erbium	164-1	92	100	175	122	37.55	cps
Erbium	164-2	63	33	57	51	30.82	cps
Gadolinium	160-1	133	158	167	153	11.35	cps
Gadolinium	160-2	70	43	80	64	29.41	cps
Holmium	165-1	14733626	14777471	15114158	14875085	1.40	cps
Holmium	165-2	6813899	6121823	6460704	6465476	5.35	cps
Indium	115-1	12730663	12967706	12884273	12860881	0.93	cps
Indium	115-2	2058870	1754451	1907934	1907085	7.98	cps
Iron	54-2	15871505	15908482	15950375	15910121	0.25	cps
Iron	56-2	280874040	285202640	285599740	283892140	0.92	cps
Iron	57-2	7296970	7259730	7209859	7255520	0.60	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : ICSA43 Instrumnet Name : P8
 Client Sample ID : ICSA43 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:39:59 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	1063	877	950	10.48	cps
Lead	206-1	36652	36958	36245	36619	0.98	cps
Lead	207-1	29389	29295	29907	29530	1.12	cps
Lead	208-1	137276	137722	138750	137916	0.55	cps
Lithium	6-1	4613557	4503962	4429984	4515834	2.05	cps
Magnesium	24-2	23884474	23918614	23991914	23931667	0.23	cps
Manganese	55-2	13293	13884	14074	13750	2.96	cps
Molybdenum	94-1	7152310	7267024	7391950	7270428	1.65	cps
Molybdenum	95-1	12590937	12987789	13066908	12881878	1.98	cps
Molybdenum	96-1	13677303	13835952	13746202	13753153	0.58	cps
Molybdenum	97-1	7974799	7741643	7890913	7869118	1.50	cps
Molybdenum	98-1	20634393	20546122	20712072	20630863	0.40	cps
Neodymium	150-1	53	80	73	69	20.15	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	9403	9457	9740	9533	1.90	cps
Phosphorus	31-2	469855	469816	469486	469719	0.04	cps
Potassium	39-2	19472041	19731798	19632748	19612196	0.67	cps
Rhodium	103-1	12394654	12338240	12132184	12288359	1.12	cps
Rhodium	103-2	5618418	4939449	5085317	5214395	6.85	cps
Scandium	45-1	9782362	9875173	9920351	9859295	0.71	cps
Scandium	45-2	298998	265221	269850	278023	6.59	cps
Selenium	82-1	90	-35	139	65	138.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	95	76	75	82	13.74	cps
Silicon	28-1	822777	863958	878589	855108	3.38	cps
Silver	107-1	825	758	875	819	7.14	cps
Silver	109-1	783	575	658	672	15.60	cps
Sodium	23-2	47633271	48582896	47658616	47958261	1.13	cps
Strontium	86-1	146142	147540	150329	148004	1.44	cps
Strontium	88-1	1286706	1263384	1276742	1275611	0.92	cps
Sulfur	34-1	5934424	5924747	5873278	5910816	0.56	cps
Terbium	159-1	15229622	16031748	15689316	15650229	2.57	cps
Terbium	159-2	6946023	5933393	6225078	6368165	8.19	cps
Thallium	203-1	708	750	883	781	11.71	cps
Thallium	205-1	1975	2075	2375	2142	9.72	cps
Tin	118-1	3109	3225	3142	3159	1.90	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSA43	Instrumnet Name :	P8
Client Sample ID :	ICSA43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:39:59	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4133626	4073064	4063674	4090121	0.93	cps
Uranium	238-1	617	683	567	622	9.41	cps
Vanadium	51-2	440	413	447	433	4.07	cps
Ytterbium	172-1	42	42	92	58	49.48	cps
Ytterbium	172-2	6	17	50	24	96.06	cps
Ytterbium	176-1	1967	1784	1750	1834	6.36	cps
Ytterbium	176-2	2100	1895	2195	2063	7.44	cps
Yttrium	89-1	32586785	32638956	32245146	32490296	0.66	cps
Yttrium	89-2	3544244	3099486	3229944	3291225	6.95	cps
Zinc	66-2	6981	6828	6877	6895	1.13	cps
Zirconium	90-1	1683	1575	1700	1653	4.11	cps
Zirconium	91-1	358	267	358	328	16.15	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:42:55	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8385737	8183533	8507826	8359032	1.96	cps
Antimony	121-1	224359	227886	233802	228682	2.09	cps
Arsenic	75-2	6758	6724	6859	6781	1.04	cps
Barium	135-1	61842	61658	61449	61650	0.32	cps
Barium	137-1	107426	105997	105050	106158	1.13	cps
Beryllium	9-1	55164	54739	54702	54868	0.47	cps
Bismuth	209-1	8026502	8364370	8133490	8174787	2.11	cps
Bismuth	209-2	4506457	4613371	4598686	4572838	1.27	cps
Boron	10-1	20546	20056	20865	20489	1.99	cps
Boron	11-1	98005	95177	98583	97255	1.87	cps
Bromine	81-1	29421	29993	30083	29832	1.20	cps
Cadmium	111-1	66437	66398	65729	66188	0.60	cps
Cadmium	106-1	15292	15651	15843	15595	1.79	cps
Cadmium	108-1	6606	7277	6560	6814	5.89	cps
Calcium	43-1	4385525	4433850	4486895	4435423	1.14	cps
Calcium	44-1	70615936	72077470	72068319	71587242	1.18	cps
Carbon	12-1	40263287	40857183	42797430	41305967	3.21	cps
Carbon	12-2	426360	423700	431617	427226	0.94	cps
Chlorine	35-1	35174697	39539586	42672587	39128957	9.62	cps
Chlorine	35-2	341858	344665	360895	349139	2.94	cps
Chromium	52-2	141583	143334	145832	143583	1.49	cps
Cobalt	59-2	132268	131574	134007	132616	0.95	cps
Copper	63-2	131281	131014	132004	131433	0.39	cps
Dysprosium	156-1	25	50	58	44	39.03	cps
Dysprosium	156-2	27	10	37	24	55.11	cps
Erbium	164-1	133	133	200	156	24.74	cps
Erbium	164-2	57	47	60	54	12.74	cps
Gadolinium	160-1	158	150	158	156	3.09	cps
Gadolinium	160-2	60	67	63	63	5.27	cps
Holmium	165-1	15120253	14823251	15202534	15048679	1.33	cps
Holmium	165-2	6992982	7125109	6949629	7022573	1.30	cps
Indium	115-1	13085486	13101623	12788275	12991795	1.36	cps
Indium	115-2	2089469	2073671	2064595	2075912	0.61	cps
Iron	54-2	15876179	15799407	16021784	15899123	0.71	cps
Iron	56-2	284482840	284854306	289368662	286235269	0.95	cps
Iron	57-2	7399328	7059045	7291232	7249868	2.40	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : ICSAB43 Instrumnet Name : P8
 Client Sample ID : ICSAB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:42:55 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	947	910	940	2.90	cps
Lead	206-1	188147	193808	191795	191250	1.50	cps
Lead	207-1	161970	159853	161327	161050	0.67	cps
Lead	208-1	736220	732716	738515	735817	0.40	cps
Lithium	6-1	4412979	4456378	4359188	4409515	1.10	cps
Magnesium	24-2	23540468	23411540	24469818	23807275	2.43	cps
Manganese	55-2	47840	48793	48920	48518	1.22	cps
Molybdenum	94-1	7936593	7993321	7887942	7939285	0.66	cps
Molybdenum	95-1	13067553	13313062	13329576	13236730	1.11	cps
Molybdenum	96-1	14347604	14298291	14403561	14349819	0.37	cps
Molybdenum	97-1	8200048	8316201	8134168	8216806	1.12	cps
Molybdenum	98-1	21112230	21366937	21089699	21189622	0.73	cps
Neodymium	150-1	60	47	40	49	20.83	cps
Neodymium	150-2	17	7	30	18	65.83	cps
Nickel	60-2	42436	42066	43884	42795	2.25	cps
Phosphorus	31-2	465264	463976	470380	466540	0.73	cps
Potassium	39-2	19522076	19439828	19994436	19652113	1.52	cps
Rhodium	103-1	12603363	12631227	12589379	12607990	0.17	cps
Rhodium	103-2	5648015	5712583	5669841	5676813	0.58	cps
Scandium	45-1	9885545	10202056	10183642	10090414	1.76	cps
Scandium	45-2	298296	301847	310057	303400	1.99	cps
Selenium	82-1	4464	4584	4534	4527	1.33	cps
Selenium	77-2	137	163	120	140	15.61	cps
Selenium	78-2	552	507	520	526	4.40	cps
Silicon	28-1	1184724	1193848	1237222	1205265	2.33	cps
Silver	107-1	289658	288852	291849	290119	0.53	cps
Silver	109-1	270746	277650	277375	275257	1.42	cps
Sodium	23-2	48066889	46877803	49198257	48047650	2.41	cps
Strontium	86-1	363498	360722	368162	364127	1.03	cps
Strontium	88-1	3136860	3119258	3223537	3159885	1.77	cps
Sulfur	34-1	5752657	5893670	5886968	5844432	1.36	cps
Terbium	159-1	15477837	16061068	16159183	15899363	2.32	cps
Terbium	159-2	6888668	7009784	6883358	6927270	1.03	cps
Thallium	203-1	192683	195407	193541	193877	0.72	cps
Thallium	205-1	442701	459917	464173	455597	2.50	cps
Tin	118-1	483712	488133	484976	485607	0.47	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	ICSAB43	Instrumnet Name :	P8
Client Sample ID :	ICSAB43	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:42:55	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4104562	4275647	4204595	4194935	2.05	cps
Uranium	238-1	1458777	1456211	1445159	1453383	0.50	cps
Vanadium	51-2	55845	55772	57037	56218	1.26	cps
Ytterbium	172-1	42	17	58	39	53.93	cps
Ytterbium	172-2	50	39	44	44	12.50	cps
Ytterbium	176-1	4142	3909	3901	3984	3.44	cps
Ytterbium	176-2	3117	3156	3289	3187	2.83	cps
Yttrium	89-1	32807901	32830251	33534363	33057505	1.25	cps
Yttrium	89-2	3503510	3565302	3547756	3538856	0.90	cps
Zinc	66-2	15300	15748	15716	15588	1.61	cps
Zirconium	90-1	1159572	1162773	1178293	1166879	0.86	cps
Zirconium	91-1	258004	259470	252852	256775	1.35	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCV61 Instrumnet Name : P8
 Client Sample ID : CCV61 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:45:48 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4563050	4509120	4497446	4523205	0.77	cps
Antimony	121-1	5708698	5653780	5676601	5679693	0.49	cps
Arsenic	75-2	168351	166538	168375	167755	0.63	cps
Barium	135-1	7627446	7502994	7490053	7540164	1.01	cps
Barium	137-1	13135823	12846375	12894850	12959016	1.20	cps
Beryllium	9-1	1455760	1412536	1423269	1430522	1.57	cps
Bismuth	209-1	7845344	8147679	8389974	8127665	3.36	cps
Bismuth	209-2	4377308	4283403	4271359	4310690	1.35	cps
Boron	10-1	143205	149916	155369	149496	4.08	cps
Boron	11-1	682110	708171	737124	709135	3.88	cps
Bromine	81-1	26071	28980	26342	27131	5.92	cps
Cadmium	111-1	1600602	1641002	1590430	1610678	1.66	cps
Cadmium	106-1	277113	276625	270807	274848	1.28	cps
Cadmium	108-1	153382	148444	151919	151248	1.68	cps
Calcium	43-1	11446897	11725642	11312762	11495100	1.83	cps
Calcium	44-1	187704142	189745682	184144342	187198056	1.51	cps
Carbon	12-1	9641081	10188924	10783288	10204431	5.60	cps
Carbon	12-2	119309	120879	121004	120397	0.78	cps
Chlorine	35-1	12091280	11364620	11014033	11489977	4.78	cps
Chlorine	35-2	72825	72657	69602	71695	2.53	cps
Chromium	52-2	1900993	1919773	1910153	1910306	0.49	cps
Cobalt	59-2	3279754	3281621	3362263	3307879	1.42	cps
Copper	63-2	24317947	24129682	24006230	24151286	0.65	cps
Dysprosium	156-1	1558	1342	1458	1453	7.46	cps
Dysprosium	156-2	683	677	780	713	8.11	cps
Erbium	164-1	358	325	475	386	20.40	cps
Erbium	164-2	140	147	173	153	11.51	cps
Gadolinium	160-1	1542	1792	1825	1720	9.01	cps
Gadolinium	160-2	863	783	800	816	5.18	cps
Holmium	165-1	14633474	15012884	15452815	15033058	2.73	cps
Holmium	165-2	6864511	6928904	7001682	6931699	0.99	cps
Indium	115-1	12403788	12968402	13323784	12898658	3.60	cps
Indium	115-2	2083066	2066199	1979872	2043045	2.71	cps
Iron	54-2	20253478	20139760	20108673	20167304	0.38	cps
Iron	56-2	366101919	361250030	358946819	362099590	1.01	cps
Iron	57-2	9136034	8997362	9193999	9109131	1.11	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:45:48	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	983	1007	987	1.88	cps
Lead	206-1	21179802	20941245	20861918	20994322	0.79	cps
Lead	207-1	18519996	18380141	18593932	18498023	0.59	cps
Lead	208-1	84324920	82827448	83437069	83529813	0.90	cps
Lithium	6-1	4252180	4216458	4513977	4327538	3.75	cps
Magnesium	24-2	64184054	63834693	63573264	63864004	0.48	cps
Manganese	55-2	9522339	9502432	9297507	9440759	1.32	cps
Molybdenum	94-1	32610832	31681678	33128678	32473729	2.26	cps
Molybdenum	95-1	18267073	17913735	18337348	18172719	1.25	cps
Molybdenum	96-1	22933202	22524956	22955137	22804432	1.06	cps
Molybdenum	97-1	11041388	10845461	11097216	10994688	1.20	cps
Molybdenum	98-1	28642751	28442380	28611936	28565689	0.38	cps
Neodymium	150-1	540	547	473	520	7.80	cps
Neodymium	150-2	63	80	63	69	13.97	cps
Nickel	60-2	873460	874270	862408	870046	0.76	cps
Phosphorus	31-2	49360	47813	48348	48507	1.62	cps
Potassium	39-2	25745042	25960114	26085459	25930205	0.66	cps
Rhodium	103-1	11423044	12114246	12327354	11954882	3.95	cps
Rhodium	103-2	5491628	5454014	5330917	5425520	1.55	cps
Scandium	45-1	9498777	9887173	10112879	9832943	3.16	cps
Scandium	45-2	315317	318678	315070	316355	0.64	cps
Selenium	82-1	114684	114345	114328	114452	0.18	cps
Selenium	77-2	3480	3320	3574	3458	3.71	cps
Selenium	78-2	11593	11395	11454	11480	0.89	cps
Silicon	28-1	5335603	5399763	5586512	5440626	2.40	cps
Silver	107-1	7824109	7695347	7693637	7737698	0.97	cps
Silver	109-1	7386164	7345779	7344811	7358918	0.32	cps
Sodium	23-2	123414182	119935694	123376086	122241987	1.63	cps
Strontium	86-1	11137229	11347732	11311650	11265537	1.00	cps
Strontium	88-1	97628075	99889817	99040402	98852765	1.16	cps
Sulfur	34-1	1041834	992332	1015508	1016558	2.44	cps
Terbium	159-1	14975115	15950750	16163481	15696449	4.04	cps
Terbium	159-2	6937830	6876442	6804907	6873060	0.97	cps
Thallium	203-1	5079593	5169836	5129335	5126255	0.88	cps
Thallium	205-1	12216894	12143476	12096383	12152251	0.50	cps
Tin	118-1	5114478	5177417	5168381	5153425	0.66	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P8
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:45:48	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5257824	5266444	5386495	5303588	1.36	cps
Uranium	238-1	16113663	16190532	16034850	16113015	0.48	cps
Vanadium	51-2	1499803	1508941	1487986	1498910	0.70	cps
Ytterbium	172-1	92	125	108	108	15.38	cps
Ytterbium	172-2	33	39	50	41	20.83	cps
Ytterbium	176-1	96393	97878	99936	98069	1.81	cps
Ytterbium	176-2	46526	46750	46449	46575	0.34	cps
Yttrium	89-1	30678503	33516159	33083174	32425945	4.71	cps
Yttrium	89-2	3483585	3603039	3440620	3509081	2.40	cps
Zinc	66-2	2781796	2695272	2749655	2742241	1.59	cps
Zirconium	90-1	60980991	61862583	63003818	61949131	1.64	cps
Zirconium	91-1	13673082	13570828	13905436	13716449	1.25	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB61 Instrumnet Name : P8
 Client Sample ID : CCB61 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:56:19 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179	144	154	159	11.36	cps
Antimony	121-1	200	208	375	261	37.81	cps
Arsenic	75-2	9	14	10	11	24.05	cps
Barium	135-1	67	50	58	58	14.29	cps
Barium	137-1	150	83	100	111	31.22	cps
Beryllium	9-1	44	28	64	45	39.80	cps
Bismuth	209-1	8692583	8216515	8585459	8498186	2.94	cps
Bismuth	209-2	4504348	4268383	4647216	4473315	4.28	cps
Boron	10-1	2432	2488	2408	2442	1.68	cps
Boron	11-1	11710	11754	11608	11691	0.64	cps
Bromine	81-1	25169	25279	27425	25957	4.90	cps
Cadmium	111-1	5199	5128	5549	5292	4.26	cps
Cadmium	106-1	7411	7277	7844	7511	3.95	cps
Cadmium	108-1	54	58	42	51	16.87	cps
Calcium	43-1	454	489	500	481	5.02	cps
Calcium	44-1	46602	47418	47431	47150	1.01	cps
Carbon	12-1	5661263	5725882	5763868	5717004	0.91	cps
Carbon	12-2	57438	54627	54920	55662	2.78	cps
Chlorine	35-1	3540436	3312706	3134655	3329266	6.11	cps
Chlorine	35-2	21783	21057	19939	20927	4.44	cps
Chromium	52-2	1280	1200	1237	1239	3.23	cps
Cobalt	59-2	60	93	100	84	25.38	cps
Copper	63-2	1447	1383	1643	1491	9.09	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	75	58	78	26.96	cps
Erbium	164-2	47	53	47	49	7.86	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	50	40	53	48	14.52	cps
Holmium	165-1	15186816	14447350	14756941	14797036	2.51	cps
Holmium	165-2	6527811	6027489	6874135	6476478	6.57	cps
Indium	115-1	13364345	12716797	13382288	13154477	2.88	cps
Indium	115-2	2055730	1830732	2120372	2002278	7.59	cps
Iron	54-2	900	828	856	861	4.23	cps
Iron	56-2	6868	7180	7680	7243	5.65	cps
Iron	57-2	189	239	183	204	15.02	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:56:19	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	987	980	959	4.43	cps
Lead	206-1	1911	1884	1728	1841	5.37	cps
Lead	207-1	1633	1683	1561	1626	3.78	cps
Lead	208-1	7323	7390	7173	7295	1.52	cps
Lithium	6-1	4731843	4256155	4323007	4437001	5.80	cps
Magnesium	24-2	642	367	683	564	30.52	cps
Manganese	55-2	250	220	207	226	9.84	cps
Molybdenum	94-1	692	675	683	683	1.22	cps
Molybdenum	95-1	233	242	250	242	3.45	cps
Molybdenum	96-1	475	350	450	425	15.56	cps
Molybdenum	97-1	183	192	250	208	17.44	cps
Molybdenum	98-1	475	433	517	475	8.77	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	117	150	144	17.62	cps
Phosphorus	31-2	117	67	92	92	27.27	cps
Potassium	39-2	22760	22243	22852	22618	1.45	cps
Rhodium	103-1	13282892	12798705	13103074	13061557	1.87	cps
Rhodium	103-2	5608931	5178292	5682093	5489772	4.96	cps
Scandium	45-1	9956210	9352998	9895369	9734859	3.41	cps
Scandium	45-2	284503	268793	296301	283199	4.87	cps
Selenium	82-1	57	43	-22	26	161.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	85	70	78	9.66	cps
Silicon	28-1	495089	494507	492046	493881	0.33	cps
Silver	107-1	858	683	658	733	14.86	cps
Silver	109-1	733	592	625	650	11.39	cps
Sodium	23-2	46433	46374	47194	46667	0.98	cps
Strontium	86-1	1775	1583	1508	1622	8.48	cps
Strontium	88-1	1142	1183	925	1083	12.80	cps
Sulfur	34-1	399590	404009	414123	405907	1.84	cps
Terbium	159-1	15315244	14829765	15811094	15318701	3.20	cps
Terbium	159-2	6459353	6062519	6655853	6392575	4.73	cps
Thallium	203-1	733	700	992	808	19.75	cps
Thallium	205-1	1959	1809	2267	2011	11.62	cps
Tin	118-1	1108	1325	1183	1206	9.13	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P8
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:56:19	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	308	308	322	7.47	cps
Uranium	238-1	117	92	33	81	53.09	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	33	17	8	19	65.47	cps
Ytterbium	172-2	0	39	0	13	173.21	cps
Ytterbium	176-1	1975	1667	1759	1800	8.80	cps
Ytterbium	176-2	2217	2100	2561	2293	10.46	cps
Yttrium	89-1	33016033	31666659	31951603	32211431	2.21	cps
Yttrium	89-2	3363398	3134943	3391014	3296452	4.26	cps
Zinc	66-2	856	886	812	851	4.34	cps
Zirconium	90-1	1383	1708	1633	1575	10.80	cps
Zirconium	91-1	375	283	317	325	14.28	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 12:59:43 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1974	2006	2027	2002	1.35	cps
Antimony	121-1	22077	22795	22644	22505	1.68	cps
Arsenic	75-2	334	315	351	333	5.40	cps
Barium	135-1	29775	29767	28856	29466	1.79	cps
Barium	137-1	50972	49617	49734	50108	1.50	cps
Beryllium	9-1	3034	2970	2906	2970	2.16	cps
Bismuth	209-1	8198026	8860842	8448940	8502603	3.94	cps
Bismuth	209-2	4585559	4662472	4722159	4656730	1.47	cps
Boron	10-1	7797	8827	8857	8493	7.11	cps
Boron	11-1	38304	40351	41302	39986	3.83	cps
Bromine	81-1	26111	26693	28097	26967	3.79	cps
Cadmium	111-1	8666	8653	8384	8567	1.86	cps
Cadmium	106-1	8444	8728	7944	8372	4.74	cps
Cadmium	108-1	250	338	200	263	26.51	cps
Calcium	43-1	22900	22825	22133	22620	1.87	cps
Calcium	44-1	412596	410107	402984	408562	1.22	cps
Carbon	12-1	5933151	6162375	6014095	6036540	1.93	cps
Carbon	12-2	61295	60442	59563	60433	1.43	cps
Chlorine	35-1	2844676	2698320	2529710	2690902	5.86	cps
Chlorine	35-2	16927	17144	16518	16863	1.88	cps
Chromium	52-2	8583	8703	8483	8589	1.28	cps
Cobalt	59-2	6592	6782	6358	6577	3.23	cps
Copper	63-2	10190	10818	10381	10463	3.07	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	92	108	108	103	9.36	cps
Erbium	164-2	50	33	47	43	20.36	cps
Gadolinium	160-1	125	125	67	106	31.90	cps
Gadolinium	160-2	50	53	50	51	3.76	cps
Holmium	165-1	14418808	15129478	14580983	14709756	2.53	cps
Holmium	165-2	6616567	6758189	6757893	6710883	1.22	cps
Indium	115-1	12682879	13791897	12881301	13118693	4.51	cps
Indium	115-2	2024792	2072436	2106190	2067806	1.98	cps
Iron	54-2	9125	8914	9120	9053	1.33	cps
Iron	56-2	153428	152422	153423	153091	0.38	cps
Iron	57-2	4078	4317	3789	4062	6.51	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:59:43	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	910	1027	954	6.61	cps
Lead	206-1	9787	9626	10076	9830	2.32	cps
Lead	207-1	8686	8953	8953	8864	1.74	cps
Lead	208-1	39346	39613	39246	39402	0.48	cps
Lithium	6-1	4357571	4597856	4404205	4453210	2.86	cps
Magnesium	24-2	125825	128228	126623	126892	0.96	cps
Manganese	55-2	2154	2137	2033	2108	3.08	cps
Molybdenum	94-1	27929	28313	27453	27898	1.54	cps
Molybdenum	95-1	34652	33466	33140	33753	2.36	cps
Molybdenum	96-1	39850	36933	36758	37847	4.59	cps
Molybdenum	97-1	21233	20958	21634	21275	1.60	cps
Molybdenum	98-1	54199	53094	52818	53370	1.37	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1913	2164	1920	1999	7.13	cps
Phosphorus	31-2	83	125	67	92	32.77	cps
Potassium	39-2	119635	121937	119409	120327	1.16	cps
Rhodium	103-1	12569576	13259478	12799218	12876091	2.73	cps
Rhodium	103-2	5825424	5747396	5772915	5781912	0.69	cps
Scandium	45-1	9634843	10398205	9844844	9959297	3.96	cps
Scandium	45-2	295227	296421	302088	297912	1.23	cps
Selenium	82-1	1317	1239	1145	1234	6.95	cps
Selenium	77-2	13	40	37	30	48.44	cps
Selenium	78-2	211	205	209	208	1.47	cps
Silicon	28-1	589902	587016	588529	588482	0.25	cps
Silver	107-1	16026	15467	15284	15593	2.48	cps
Silver	109-1	14959	15117	14391	14822	2.58	cps
Sodium	23-2	284702	288077	283750	285510	0.80	cps
Strontium	86-1	6460	6168	6227	6285	2.46	cps
Strontium	88-1	43167	42499	41939	42535	1.45	cps
Sulfur	34-1	419637	419003	419863	419501	0.11	cps
Terbium	159-1	15230638	16024277	15139649	15464855	3.15	cps
Terbium	159-2	6633991	6797371	6730909	6720757	1.22	cps
Thallium	203-1	10663	10830	10279	10591	2.67	cps
Thallium	205-1	26027	24883	24716	25208	2.83	cps
Tin	118-1	51958	51054	50828	51280	1.17	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 12:59:43	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11413	10671	10396	10827	4.86	cps
Uranium	238-1	30337	29001	28291	29209	3.56	cps
Vanadium	51-2	14261	14754	13994	14336	2.69	cps
Ytterbium	172-1	67	58	50	58	14.29	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	1658	1650	1533	1614	4.33	cps
Ytterbium	176-2	2156	2272	2500	2310	7.59	cps
Yttrium	89-1	31911900	34005984	31756915	32558266	3.86	cps
Yttrium	89-2	3477409	3493273	3499216	3489966	0.32	cps
Zinc	66-2	2011	1895	1834	1913	4.70	cps
Zirconium	90-1	24973	25399	24230	24867	2.38	cps
Zirconium	91-1	5951	5259	5343	5518	6.85	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BL	Instrumnet Name :	P8
Client Sample ID :	PB139614BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:02:46	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	256	259	192	236	15.92	cps
Antimony	121-1	92	158	167	139	29.60	cps
Arsenic	75-2	12	14	3	10	60.62	cps
Barium	135-1	33	83	67	61	41.67	cps
Barium	137-1	142	108	125	125	13.33	cps
Beryllium	9-1	38	30	18	29	35.11	cps
Bismuth	209-1	8757471	8848099	8473742	8693104	2.25	cps
Bismuth	209-2	4789788	4724346	4676330	4730155	1.20	cps
Boron	10-1	2408	2436	2352	2398	1.78	cps
Boron	11-1	11929	11522	10914	11455	4.46	cps
Bromine	81-1	28137	28358	28348	28281	0.44	cps
Cadmium	111-1	5757	5951	5548	5752	3.50	cps
Cadmium	106-1	8194	8486	7903	8194	3.56	cps
Cadmium	108-1	42	63	54	53	19.86	cps
Calcium	43-1	390	439	421	417	5.93	cps
Calcium	44-1	44908	45137	44201	44749	1.09	cps
Carbon	12-1	6029412	5864384	5920112	5937969	1.41	cps
Carbon	12-2	57656	57246	61229	58710	3.73	cps
Chlorine	35-1	2454005	2303801	2255533	2337780	4.43	cps
Chlorine	35-2	15917	15617	14916	15484	3.32	cps
Chromium	52-2	1213	1250	1217	1227	1.65	cps
Cobalt	59-2	123	170	110	134	23.43	cps
Copper	63-2	1533	1567	1533	1545	1.25	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	125	133	114	23.52	cps
Erbium	164-2	27	43	27	32	29.85	cps
Gadolinium	160-1	67	92	158	106	44.89	cps
Gadolinium	160-2	30	57	83	57	47.06	cps
Holmium	165-1	14970576	14645629	14947931	14854712	1.22	cps
Holmium	165-2	6938583	6837912	6805735	6860743	1.01	cps
Indium	115-1	13499941	13377308	13293146	13390132	0.78	cps
Indium	115-2	2141592	2113432	2101262	2118762	0.98	cps
Iron	54-2	1045	1111	961	1039	7.23	cps
Iron	56-2	10227	11478	10110	10605	7.15	cps
Iron	57-2	239	278	228	248	10.58	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BL	Instrumnet Name :	P8
Client Sample ID :	PB139614BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:02:46	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	1037	1133	1022	11.64	cps
Lead	206-1	1867	1728	1606	1733	7.54	cps
Lead	207-1	1578	1578	1456	1537	4.59	cps
Lead	208-1	7234	7223	6412	6956	6.78	cps
Lithium	6-1	4783881	4617240	4526768	4642630	2.81	cps
Magnesium	24-2	967	1225	783	992	22.38	cps
Manganese	55-2	357	387	450	398	11.98	cps
Molybdenum	94-1	600	617	683	633	6.96	cps
Molybdenum	95-1	208	225	150	194	20.26	cps
Molybdenum	96-1	333	333	350	339	2.84	cps
Molybdenum	97-1	100	100	100	100	0.00	cps
Molybdenum	98-1	367	358	225	317	25.10	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	137	170	151	11.32	cps
Phosphorus	31-2	158	83	67	103	47.51	cps
Potassium	39-2	21976	21750	22551	22092	1.87	cps
Rhodium	103-1	13459458	13767234	12910642	13379111	3.24	cps
Rhodium	103-2	5822151	5835838	5865260	5841083	0.38	cps
Scandium	45-1	10124977	10376311	10029134	10176807	1.76	cps
Scandium	45-2	305702	303346	305375	304808	0.42	cps
Selenium	82-1	69	-70	-189	-63	-204.59	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	90	80	85	85	5.88	cps
Silicon	28-1	486519	485440	487249	486403	0.19	cps
Silver	107-1	492	475	600	522	13.00	cps
Silver	109-1	458	467	542	489	9.39	cps
Sodium	23-2	42345	41744	40557	41549	2.19	cps
Strontium	86-1	1667	1725	1758	1717	2.70	cps
Strontium	88-1	925	825	992	914	9.18	cps
Sulfur	34-1	444185	442249	443179	443204	0.22	cps
Terbium	159-1	15798021	15594611	15309894	15567509	1.58	cps
Terbium	159-2	6815893	6771932	6913048	6833625	1.06	cps
Thallium	203-1	742	800	817	786	5.01	cps
Thallium	205-1	1950	2084	1759	1931	8.46	cps
Tin	118-1	1617	1400	1558	1525	7.35	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BL	Instrumnet Name :	P8
Client Sample ID :	PB139614BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:02:46	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	242	342	278	19.97	cps
Uranium	238-1	75	83	58	72	17.62	cps
Vanadium	51-2	17	37	27	27	37.50	cps
Ytterbium	172-1	17	33	17	22	43.28	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	2017	1875	1725	1872	7.79	cps
Ytterbium	176-2	2289	2300	2261	2284	0.88	cps
Yttrium	89-1	33291803	33413217	32017290	32907437	2.35	cps
Yttrium	89-2	3568115	3477109	3499082	3514769	1.35	cps
Zinc	66-2	752	668	685	702	6.31	cps
Zirconium	90-1	1500	1392	1367	1420	4.99	cps
Zirconium	91-1	275	242	258	258	6.45	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	872269	861268	855489	863009	0.99	cps
Antimony	121-1	5725429	5764701	5707053	5732395	0.51	cps
Arsenic	75-2	165223	166953	165705	165960	0.54	cps
Barium	135-1	7472380	7461698	7307232	7413770	1.25	cps
Barium	137-1	12817371	12616388	12524704	12652821	1.18	cps
Beryllium	9-1	1520095	1513030	1488281	1507135	1.11	cps
Bismuth	209-1	8629453	8662445	8521567	8604489	0.86	cps
Bismuth	209-2	4512902	4721883	4550177	4594987	2.43	cps
Boron	10-1	139494	144969	152556	145673	4.50	cps
Boron	11-1	669435	679543	711752	686910	3.22	cps
Bromine	81-1	26432	27355	27335	27041	1.95	cps
Cadmium	111-1	1548334	1598094	1583828	1576752	1.63	cps
Cadmium	106-1	174575	175721	173853	174716	0.54	cps
Cadmium	108-1	115610	114424	114554	114863	0.57	cps
Calcium	43-1	2585804	2575636	2593541	2584994	0.35	cps
Calcium	44-1	41749289	41166357	40605128	41173591	1.39	cps
Carbon	12-1	6800241	6616121	6715555	6710639	1.37	cps
Carbon	12-2	69096	68920	68108	68708	0.77	cps
Chlorine	35-1	2236793	2167912	2098403	2167703	3.19	cps
Chlorine	35-2	13540	13431	13640	13537	0.77	cps
Chromium	52-2	1920979	1871992	1907862	1900278	1.33	cps
Cobalt	59-2	3289037	3347182	3267035	3301085	1.25	cps
Copper	63-2	24910853	25235533	25247262	25131216	0.76	cps
Dysprosium	156-1	300	267	208	258	17.96	cps
Dysprosium	156-2	127	140	113	127	10.53	cps
Erbium	164-1	208	150	183	181	16.21	cps
Erbium	164-2	50	40	47	46	11.18	cps
Gadolinium	160-1	308	400	358	356	12.91	cps
Gadolinium	160-2	117	180	187	161	23.98	cps
Holmium	165-1	15282446	15155181	15418050	15285226	0.86	cps
Holmium	165-2	6817464	6958458	6842198	6872707	1.10	cps
Indium	115-1	13168889	13359200	13084711	13204267	1.06	cps
Indium	115-2	2005971	2092107	2029734	2042604	2.18	cps
Iron	54-2	4195180	4127116	4229149	4183815	1.24	cps
Iron	56-2	73616007	74223141	72987041	73608729	0.84	cps
Iron	57-2	1933377	1918610	1920528	1924172	0.42	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	997	950	994	4.36	cps
Lead	206-1	20842960	21214795	20666581	20908112	1.34	cps
Lead	207-1	18141514	18194151	17996689	18110784	0.56	cps
Lead	208-1	83446610	83875676	82549343	83290543	0.81	cps
Lithium	6-1	4802086	4705459	4565483	4691009	2.54	cps
Magnesium	24-2	12991666	12752965	12527104	12757245	1.82	cps
Manganese	55-2	9464610	9218370	9343165	9342048	1.32	cps
Molybdenum	94-1	14369345	13992800	14160069	14174071	1.33	cps
Molybdenum	95-1	17590782	17331015	17121045	17347614	1.36	cps
Molybdenum	96-1	19484056	19319947	19025718	19276574	1.20	cps
Molybdenum	97-1	10484900	10408489	10559439	10484276	0.72	cps
Molybdenum	98-1	27389794	27209338	27606572	27401902	0.73	cps
Neodymium	150-1	253	227	300	260	14.28	cps
Neodymium	150-2	20	17	7	14	48.02	cps
Nickel	60-2	861230	865956	856086	861091	0.57	cps
Phosphorus	31-2	29689	29957	30675	30107	1.69	cps
Potassium	39-2	5212826	5241520	5239121	5231156	0.30	cps
Rhodium	103-1	12995861	12899482	13013661	12969668	0.47	cps
Rhodium	103-2	5697968	5756813	5645337	5700039	0.98	cps
Scandium	45-1	10579491	10401657	10113146	10364765	2.27	cps
Scandium	45-2	298335	301359	294670	298121	1.12	cps
Selenium	82-1	116682	116260	115789	116244	0.38	cps
Selenium	77-2	3430	3457	3267	3385	3.04	cps
Selenium	78-2	11618	11676	11543	11612	0.57	cps
Silicon	28-1	5636332	5511327	5725257	5624305	1.91	cps
Silver	107-1	8050417	8170502	8054288	8091736	0.84	cps
Silver	109-1	7746617	7647609	7580612	7658279	1.09	cps
Sodium	23-2	24657454	24570926	24331954	24520111	0.69	cps
Strontium	86-1	22180132	22241403	22164480	22195338	0.18	cps
Strontium	88-1	194771371	195848850	191959367	194193196	1.03	cps
Sulfur	34-1	915353	924929	904421	914901	1.12	cps
Terbium	159-1	16203843	16088503	15847812	16046719	1.13	cps
Terbium	159-2	6791586	6776002	6946425	6838004	1.38	cps
Thallium	203-1	5163176	5181232	5043924	5129444	1.45	cps
Thallium	205-1	12219786	12216779	11869309	12101958	1.66	cps
Tin	118-1	5225745	5227859	5071115	5174906	1.74	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139614BS	Instrumnet Name :	P8
Client Sample ID :	PB139614BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:05:46	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5457905	5390111	5325727	5391248	1.23	cps
Uranium	238-1	16074379	15899056	15897073	15956836	0.64	cps
Vanadium	51-2	1480811	1482868	1463562	1475747	0.72	cps
Ytterbium	172-1	50	67	25	47	44.41	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	23572	24006	22445	23341	3.45	cps
Ytterbium	176-2	11833	11995	11906	11911	0.68	cps
Yttrium	89-1	33705170	32786882	32920184	33137412	1.50	cps
Yttrium	89-2	3507322	3473047	3493972	3491447	0.49	cps
Zinc	66-2	2775406	2832025	2771047	2792826	1.22	cps
Zirconium	90-1	12301391	12055070	12197560	12184674	1.01	cps
Zirconium	91-1	2781011	2726558	2762552	2756707	1.00	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7855	7497	7731	7694	2.36	cps
Antimony	121-1	3801	4384	4618	4267	9.86	cps
Arsenic	75-2	1898	1783	1883	1855	3.37	cps
Barium	135-1	405959	406733	419005	410566	1.78	cps
Barium	137-1	705050	720232	731142	718808	1.82	cps
Beryllium	9-1	270	238	234	247	7.98	cps
Bismuth	209-1	8628379	7639754	7869481	8045871	6.43	cps
Bismuth	209-2	4605093	4706153	4645718	4652321	1.09	cps
Boron	10-1	40367	40947	41821	41045	1.78	cps
Boron	11-1	200054	199296	201432	200261	0.54	cps
Bromine	81-1	136123	153893	173335	154450	12.05	cps
Cadmium	111-1	6219	5320	5362	5634	9.00	cps
Cadmium	106-1	8553	7244	7377	7725	9.33	cps
Cadmium	108-1	50	54	63	56	11.46	cps
Calcium	43-1	1154200	1190516	1205061	1183259	2.21	cps
Calcium	44-1	18832174	19531958	20215680	19526604	3.54	cps
Carbon	12-1	21183516	22064474	22930076	22059356	3.96	cps
Carbon	12-2	243359	248300	246556	246072	1.02	cps
Chlorine	35-1	2500951	2481275	2499656	2493961	0.44	cps
Chlorine	35-2	18504	18137	19130	18590	2.70	cps
Chromium	52-2	7115	7759	7635	7503	4.55	cps
Cobalt	59-2	39561	39344	39381	39429	0.29	cps
Copper	63-2	28215	28075	27811	28033	0.73	cps
Dysprosium	156-1	2259	2709	2209	2392	11.52	cps
Dysprosium	156-2	1053	1057	1067	1059	0.66	cps
Erbium	164-1	1959	1984	2217	2053	6.94	cps
Erbium	164-2	917	920	957	931	2.38	cps
Gadolinium	160-1	2384	2409	2742	2511	7.97	cps
Gadolinium	160-2	1257	1333	1287	1292	2.99	cps
Holmium	165-1	15478283	13349764	13397570	14075206	8.63	cps
Holmium	165-2	6974399	6990248	6974159	6979602	0.13	cps
Indium	115-1	13694942	11877392	12058956	12543763	7.98	cps
Indium	115-2	2135147	2151617	2151375	2146046	0.44	cps
Iron	54-2	5588131	5625925	5589108	5601055	0.38	cps
Iron	56-2	100014963	100379955	101466922	100620613	0.75	cps
Iron	57-2	2636909	2617306	2532097	2595437	2.15	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	1160	993	1013	13.60	cps
Lead	206-1	10638	10760	10132	10510	3.17	cps
Lead	207-1	9487	8825	8786	9033	4.36	cps
Lead	208-1	41738	41599	40348	41228	1.86	cps
Lithium	6-1	4487113	4063442	4193725	4248094	5.11	cps
Magnesium	24-2	2642531	2650062	2621696	2638097	0.56	cps
Manganese	55-2	5424504	5441029	5445137	5436890	0.20	cps
Molybdenum	94-1	5643	5860	5085	5529	7.23	cps
Molybdenum	95-1	5593	5968	5543	5701	4.08	cps
Molybdenum	96-1	8495	8836	8695	8675	1.98	cps
Molybdenum	97-1	3376	3309	3342	3342	1.00	cps
Molybdenum	98-1	8428	8503	8319	8417	1.10	cps
Neodymium	150-1	3641	3461	3601	3567	2.65	cps
Neodymium	150-2	1137	1150	1117	1135	1.48	cps
Nickel	60-2	15085	15245	15058	15129	0.67	cps
Phosphorus	31-2	792	975	842	869	10.90	cps
Potassium	39-2	751229	744277	738802	744769	0.84	cps
Rhodium	103-1	13365424	11556890	11639575	12187296	8.38	cps
Rhodium	103-2	6000557	5866923	5881993	5916491	1.24	cps
Scandium	45-1	10028994	8942356	9051392	9340914	6.41	cps
Scandium	45-2	304812	302895	304745	304151	0.36	cps
Selenium	82-1	285	96	170	184	51.79	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	91	100	96	96	4.71	cps
Silicon	28-1	58769014	55026999	56465022	56753678	3.33	cps
Silver	107-1	3334	3142	2834	3103	8.13	cps
Silver	109-1	2867	2842	3117	2942	5.17	cps
Sodium	23-2	14162720	13736985	14235185	14044963	1.92	cps
Strontium	86-1	555303	560298	566229	560610	0.98	cps
Strontium	88-1	4925541	4891998	5039040	4952193	1.56	cps
Sulfur	34-1	2641646	2522929	2554862	2573146	2.39	cps
Terbium	159-1	16406546	14106606	14127386	14880179	8.88	cps
Terbium	159-2	6767334	6773301	7043124	6861253	2.30	cps
Thallium	203-1	1417	1442	1358	1406	3.04	cps
Thallium	205-1	3734	3301	2850	3295	13.41	cps
Tin	118-1	4643	4601	4868	4704	3.05	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:08:42	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5985	5485	5368	5612	5.84	cps
Uranium	238-1	2934	2700	2617	2750	5.97	cps
Vanadium	51-2	3981	3894	3644	3839	4.55	cps
Ytterbium	172-1	908	867	858	878	3.05	cps
Ytterbium	172-2	456	461	439	452	2.56	cps
Ytterbium	176-1	2575	2192	2009	2259	12.80	cps
Ytterbium	176-2	2361	2689	2767	2606	8.26	cps
Yttrium	89-1	33331819	29803850	30032810	31056160	6.36	cps
Yttrium	89-2	3583363	3570612	3630289	3594755	0.87	cps
Zinc	66-2	24407	24313	24616	24446	0.64	cps
Zirconium	90-1	6510	15977	6527	9671	56.47	cps
Zirconium	91-1	1583	1608	1492	1561	3.94	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8325	8391	8094	8270	1.89	cps
Antimony	121-1	3417	3375	3576	3456	3.05	cps
Arsenic	75-2	313	292	326	310	5.53	cps
Barium	135-1	152259	154080	150996	152445	1.02	cps
Barium	137-1	268929	268281	266611	267940	0.45	cps
Beryllium	9-1	152	148	178	159	10.23	cps
Bismuth	209-1	8584032	8623454	9197166	8801551	3.90	cps
Bismuth	209-2	4724563	4536260	4671520	4644115	2.09	cps
Boron	10-1	29628	31299	31085	30671	2.96	cps
Boron	11-1	147674	149414	155599	150896	2.76	cps
Bromine	81-1	113350	131707	141500	128853	11.09	cps
Cadmium	111-1	5887	5876	6071	5945	1.85	cps
Cadmium	106-1	8169	8169	8486	8275	2.21	cps
Cadmium	108-1	63	79	33	58	39.78	cps
Calcium	43-1	1270326	1269408	1252330	1264021	0.80	cps
Calcium	44-1	20707384	20804648	20182229	20564754	1.63	cps
Carbon	12-1	14415601	15489131	15937728	15280820	5.12	cps
Carbon	12-2	164930	165409	173095	167811	2.73	cps
Chlorine	35-1	3199662	3262309	3301239	3254404	1.57	cps
Chlorine	35-2	23628	25172	25732	24844	4.39	cps
Chromium	52-2	2964	3054	2804	2940	4.31	cps
Cobalt	59-2	2003	2007	1717	1909	8.72	cps
Copper	63-2	17317	16710	16994	17007	1.79	cps
Dysprosium	156-1	650	850	775	758	13.32	cps
Dysprosium	156-2	327	370	400	366	10.09	cps
Erbium	164-1	533	675	425	544	23.03	cps
Erbium	164-2	247	267	260	258	3.95	cps
Gadolinium	160-1	967	1025	983	992	3.03	cps
Gadolinium	160-2	520	477	547	514	6.87	cps
Holmium	165-1	15119837	14999390	16051595	15390274	3.74	cps
Holmium	165-2	6779671	6646824	6882854	6769783	1.75	cps
Indium	115-1	13070596	13363682	14203775	13546017	4.34	cps
Indium	115-2	2090114	2104346	2081195	2091885	0.56	cps
Iron	54-2	66192	68424	67738	67451	1.70	cps
Iron	56-2	1211447	1208530	1201321	1207099	0.43	cps
Iron	57-2	31619	30756	30795	31056	1.57	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	840	913	884	4.42	cps
Lead	206-1	5134	5207	5246	5196	1.09	cps
Lead	207-1	4468	4857	4601	4642	4.26	cps
Lead	208-1	20106	21213	20668	20662	2.68	cps
Lithium	6-1	4481375	4487499	4673795	4547557	2.41	cps
Magnesium	24-2	2718643	2797980	2712894	2743172	1.73	cps
Manganese	55-2	232826	233282	233158	233089	0.10	cps
Molybdenum	94-1	6102	6377	6710	6396	4.76	cps
Molybdenum	95-1	8778	9245	8661	8895	3.47	cps
Molybdenum	96-1	9487	9962	9320	9590	3.47	cps
Molybdenum	97-1	4926	5426	5501	5284	5.92	cps
Molybdenum	98-1	13816	13799	13707	13774	0.42	cps
Neodymium	150-1	613	520	720	618	16.20	cps
Neodymium	150-2	180	223	203	202	10.73	cps
Nickel	60-2	2417	2294	2424	2378	3.08	cps
Phosphorus	31-2	2192	2359	2325	2292	3.85	cps
Potassium	39-2	776959	767936	763088	769328	0.92	cps
Rhodium	103-1	12921442	13197501	13895464	13338136	3.76	cps
Rhodium	103-2	5761573	5686416	5806591	5751527	1.06	cps
Scandium	45-1	10021864	10068768	10893644	10328092	4.75	cps
Scandium	45-2	301867	301621	302628	302039	0.17	cps
Selenium	82-1	103	237	136	159	43.81	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	85	87	103	92	10.76	cps
Silicon	28-1	31142211	31902266	31932903	31659127	1.41	cps
Silver	107-1	600	633	650	628	4.06	cps
Silver	109-1	525	675	592	597	12.58	cps
Sodium	23-2	17638652	18395118	17769996	17934589	2.25	cps
Strontium	86-1	704464	713966	704650	707693	0.77	cps
Strontium	88-1	6282003	6237432	6264402	6261279	0.36	cps
Sulfur	34-1	991693	1021670	1015420	1009594	1.57	cps
Terbium	159-1	15471183	15774376	16778134	16007898	4.27	cps
Terbium	159-2	6887409	7032431	7011664	6977168	1.12	cps
Thallium	203-1	1000	767	1067	945	16.68	cps
Thallium	205-1	2492	2109	2334	2311	8.34	cps
Tin	118-1	2817	3150	2959	2975	5.62	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:11:35	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6418	6602	6843	6621	3.22	cps
Uranium	238-1	6752	7094	6527	6791	4.20	cps
Vanadium	51-2	2670	2757	2630	2686	2.41	cps
Ytterbium	172-1	467	333	292	364	25.12	cps
Ytterbium	172-2	144	167	122	144	15.38	cps
Ytterbium	176-1	1850	1992	2042	1961	5.07	cps
Ytterbium	176-2	2228	2306	2300	2278	1.91	cps
Yttrium	89-1	32903519	33383745	34881707	33722990	3.06	cps
Yttrium	89-2	3528630	3520390	3485532	3511517	0.65	cps
Zinc	66-2	18508	17857	17964	18110	1.93	cps
Zirconium	90-1	3576	3442	3551	3523	2.01	cps
Zirconium	91-1	767	650	625	681	11.11	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6197	6253	6259	6236	0.55	cps
Antimony	121-1	1192	1283	1258	1245	3.81	cps
Arsenic	75-2	210	180	210	200	8.66	cps
Barium	135-1	131057	131275	131419	131250	0.14	cps
Barium	137-1	235562	229670	235456	233563	1.44	cps
Beryllium	9-1	102	114	130	115	12.18	cps
Bismuth	209-1	8472120	8551080	8593609	8538936	0.72	cps
Bismuth	209-2	4695055	4604639	4781391	4693695	1.88	cps
Boron	10-1	18650	19287	19721	19219	2.80	cps
Boron	11-1	89609	91766	94519	91965	2.68	cps
Bromine	81-1	94563	100459	109496	101506	7.41	cps
Cadmium	111-1	6022	5608	5490	5707	4.89	cps
Cadmium	106-1	8411	7886	7677	7991	4.73	cps
Cadmium	108-1	71	58	54	61	14.19	cps
Calcium	43-1	1231167	1244861	1261659	1245896	1.23	cps
Calcium	44-1	19870442	20278365	20619062	20255956	1.85	cps
Carbon	12-1	14205305	15021800	15814445	15013850	5.36	cps
Carbon	12-2	160436	168555	168745	165912	2.86	cps
Chlorine	35-1	3514205	3563833	3609253	3562430	1.33	cps
Chlorine	35-2	26300	27318	26642	26753	1.94	cps
Chromium	52-2	2167	2013	2277	2152	6.15	cps
Cobalt	59-2	963	1050	927	980	6.46	cps
Copper	63-2	7322	7472	7562	7452	1.63	cps
Dysprosium	156-1	275	283	467	342	31.71	cps
Dysprosium	156-2	157	120	197	158	24.30	cps
Erbium	164-1	308	417	467	397	20.38	cps
Erbium	164-2	163	153	183	167	9.16	cps
Gadolinium	160-1	475	533	417	475	12.28	cps
Gadolinium	160-2	247	207	297	250	18.04	cps
Holmium	165-1	14978824	15282103	15445526	15235484	1.55	cps
Holmium	165-2	6977059	6675879	7185308	6946082	3.69	cps
Indium	115-1	13726033	13541851	13599106	13622330	0.69	cps
Indium	115-2	2101628	2064286	2161790	2109234	2.33	cps
Iron	54-2	24077	24599	24569	24415	1.20	cps
Iron	56-2	431052	422215	418266	423844	1.54	cps
Iron	57-2	10971	10882	11321	11058	2.10	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	883	937	943	6.74	cps
Lead	206-1	3389	3212	3362	3321	2.88	cps
Lead	207-1	2850	2673	2800	2774	3.31	cps
Lead	208-1	12925	12514	12780	12740	1.64	cps
Lithium	6-1	4668516	4606557	4614121	4629731	0.73	cps
Magnesium	24-2	2741612	2671211	2659576	2690800	1.65	cps
Manganese	55-2	40153	40183	40207	40181	0.07	cps
Molybdenum	94-1	3434	3642	3250	3442	5.69	cps
Molybdenum	95-1	4684	4392	4334	4470	4.20	cps
Molybdenum	96-1	5176	4718	5159	5018	5.18	cps
Molybdenum	97-1	2350	2792	2859	2667	10.36	cps
Molybdenum	98-1	7102	6910	7277	7096	2.59	cps
Neodymium	150-1	340	367	293	333	11.14	cps
Neodymium	150-2	103	100	93	99	5.15	cps
Nickel	60-2	987	967	1013	989	2.37	cps
Phosphorus	31-2	200	242	167	203	18.53	cps
Potassium	39-2	509946	512636	509774	510785	0.31	cps
Rhodium	103-1	12945592	13095885	12897086	12979521	0.80	cps
Rhodium	103-2	5930003	5762798	5868411	5853737	1.44	cps
Scandium	45-1	9831694	10196681	10233578	10087317	2.20	cps
Scandium	45-2	307826	291944	303668	301146	2.73	cps
Selenium	82-1	-2	94	132	75	92.50	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	100	82	72	85	16.76	cps
Silicon	28-1	26726160	26693325	26089312	26502932	1.35	cps
Silver	107-1	425	417	383	408	5.40	cps
Silver	109-1	367	367	300	344	11.17	cps
Sodium	23-2	13819138	13816274	13796362	13810591	0.09	cps
Strontium	86-1	681898	686009	682953	683620	0.31	cps
Strontium	88-1	5966981	5834237	6039853	5947024	1.75	cps
Sulfur	34-1	822514	813409	802170	812697	1.25	cps
Terbium	159-1	15501790	15859997	15533468	15631752	1.27	cps
Terbium	159-2	6986444	6667021	6883997	6845821	2.38	cps
Thallium	203-1	983	858	992	945	7.91	cps
Thallium	205-1	2034	2100	1667	1934	12.07	cps
Tin	118-1	2167	3103	2134	2468	22.30	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:14:32	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3242	4235	3067	3515	17.92	cps
Uranium	238-1	9896	9587	9662	9715	1.66	cps
Vanadium	51-2	2327	2077	2154	2186	5.86	cps
Ytterbium	172-1	283	258	267	269	4.72	cps
Ytterbium	172-2	156	100	122	126	22.21	cps
Ytterbium	176-1	1800	2000	1984	1928	5.76	cps
Ytterbium	176-2	2439	2389	2567	2465	3.72	cps
Yttrium	89-1	33071429	32421392	33386800	32959874	1.49	cps
Yttrium	89-2	3627742	3433845	3628741	3563443	3.15	cps
Zinc	66-2	12831	13013	12935	12926	0.71	cps
Zirconium	90-1	2642	2509	2200	2450	9.25	cps
Zirconium	91-1	508	450	492	483	6.22	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5914	5797	5823	5845	1.06	cps
Antimony	121-1	1125	1175	1225	1175	4.26	cps
Arsenic	75-2	191	206	195	197	3.94	cps
Barium	135-1	131174	129325	130511	130337	0.72	cps
Barium	137-1	232944	231982	230686	231871	0.49	cps
Beryllium	9-1	88	86	54	76	25.10	cps
Bismuth	209-1	8483788	8517170	9120141	8707033	4.11	cps
Bismuth	209-2	4722947	4653011	4713170	4696376	0.81	cps
Boron	10-1	17235	18634	18546	18138	4.32	cps
Boron	11-1	84016	89111	89250	87459	3.41	cps
Bromine	81-1	87662	100762	107891	98772	10.39	cps
Cadmium	111-1	5585	5878	5961	5808	3.40	cps
Cadmium	106-1	7903	8336	8478	8239	3.64	cps
Cadmium	108-1	67	58	46	57	18.42	cps
Calcium	43-1	1237708	1258845	1240184	1245579	0.93	cps
Calcium	44-1	20548028	20490533	19976307	20338290	1.55	cps
Carbon	12-1	14289959	15277452	16076507	15214640	5.88	cps
Carbon	12-2	167229	168444	171175	168949	1.20	cps
Chlorine	35-1	3603840	3660484	3581406	3615243	1.13	cps
Chlorine	35-2	26859	27251	27360	27157	0.97	cps
Chromium	52-2	2017	2067	2003	2029	1.65	cps
Cobalt	59-2	767	770	793	777	1.87	cps
Copper	63-2	6845	6658	6928	6811	2.03	cps
Dysprosium	156-1	292	383	400	358	16.28	cps
Dysprosium	156-2	170	150	163	161	6.32	cps
Erbium	164-1	350	392	367	369	5.68	cps
Erbium	164-2	150	167	187	168	10.94	cps
Gadolinium	160-1	475	517	608	533	12.79	cps
Gadolinium	160-2	317	230	223	257	20.29	cps
Holmium	165-1	14827158	15019287	15667735	15171393	2.90	cps
Holmium	165-2	7031901	6973032	7218132	7074355	1.81	cps
Indium	115-1	13435713	13671002	14104808	13737174	2.47	cps
Indium	115-2	2121297	2089207	2146419	2118974	1.35	cps
Iron	54-2	23086	23197	23949	23410	2.01	cps
Iron	56-2	415274	414637	413356	414423	0.24	cps
Iron	57-2	11032	10487	11171	10897	3.32	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	1017	867	920	9.12	cps
Lead	206-1	2650	2556	2889	2698	6.37	cps
Lead	207-1	2228	2250	2673	2384	10.51	cps
Lead	208-1	10552	10480	11769	10934	6.63	cps
Lithium	6-1	4624689	4603072	4828408	4685390	2.65	cps
Magnesium	24-2	2720651	2706782	2696904	2708112	0.44	cps
Manganese	55-2	39735	39481	39408	39541	0.43	cps
Molybdenum	94-1	3284	2775	3042	3034	8.38	cps
Molybdenum	95-1	4009	3817	4217	4015	4.98	cps
Molybdenum	96-1	4392	4076	4334	4267	3.95	cps
Molybdenum	97-1	2634	2592	2525	2584	2.12	cps
Molybdenum	98-1	6051	5951	6077	6026	1.10	cps
Neodymium	150-1	353	400	360	371	6.80	cps
Neodymium	150-2	113	127	137	126	9.32	cps
Nickel	60-2	847	873	797	839	4.64	cps
Phosphorus	31-2	275	192	233	233	17.86	cps
Potassium	39-2	505981	503558	507685	505741	0.41	cps
Rhodium	103-1	12812500	12962520	13906624	13227215	4.48	cps
Rhodium	103-2	5852991	5776556	6002219	5877255	1.95	cps
Scandium	45-1	9894022	10217438	10244806	10118755	1.93	cps
Scandium	45-2	305609	301322	309224	305385	1.30	cps
Selenium	82-1	117	13	163	98	79.07	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	83	79	85	82	3.71	cps
Silicon	28-1	27199007	26247450	26233070	26559842	2.08	cps
Silver	107-1	358	275	317	317	13.16	cps
Silver	109-1	283	167	250	233	25.76	cps
Sodium	23-2	13951790	14001526	14047959	14000425	0.34	cps
Strontium	86-1	674334	680141	679542	678006	0.47	cps
Strontium	88-1	6005652	5983367	5926420	5971813	0.68	cps
Sulfur	34-1	834472	826091	815365	825309	1.16	cps
Terbium	159-1	15419741	15840523	16012346	15757537	1.93	cps
Terbium	159-2	6860182	7009145	7023781	6964369	1.30	cps
Thallium	203-1	667	692	558	639	11.09	cps
Thallium	205-1	1325	1767	1875	1656	17.60	cps
Tin	118-1	2075	2384	7228	3895	74.18	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:17:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3759	5495	3209	4154	28.73	cps
Uranium	238-1	9162	9254	9687	9368	3.00	cps
Vanadium	51-2	2300	2227	2207	2245	2.19	cps
Ytterbium	172-1	200	325	317	281	24.91	cps
Ytterbium	172-2	94	172	144	137	28.76	cps
Ytterbium	176-1	2109	2200	2067	2125	3.21	cps
Ytterbium	176-2	2356	2406	2556	2439	4.27	cps
Yttrium	89-1	32556621	33356570	34128531	33347241	2.36	cps
Yttrium	89-2	3538534	3482419	3589689	3536881	1.52	cps
Zinc	66-2	12763	13170	13207	13047	1.89	cps
Zirconium	90-1	2000	2809	2034	2281	20.06	cps
Zirconium	91-1	492	392	392	425	13.59	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322	1252	1221	1265	4.10	cps
Antimony	121-1	458	425	525	469	10.85	cps
Arsenic	75-2	34	49	43	42	17.99	cps
Barium	135-1	26009	26109	25926	26015	0.35	cps
Barium	137-1	44257	44616	46146	45006	2.23	cps
Beryllium	9-1	78	92	80	83	9.08	cps
Bismuth	209-1	8948343	8787335	8917541	8884407	0.96	cps
Bismuth	209-2	4730772	4687624	4648359	4688919	0.88	cps
Boron	10-1	7202	6760	6964	6976	3.17	cps
Boron	11-1	33752	33598	33121	33490	0.98	cps
Bromine	81-1	52171	51086	51105	51454	1.21	cps
Cadmium	111-1	5856	5340	5856	5684	5.25	cps
Cadmium	106-1	8228	7602	8303	8044	4.78	cps
Cadmium	108-1	58	88	50	65	30.17	cps
Calcium	43-1	232945	234656	232502	233368	0.49	cps
Calcium	44-1	3982135	3949925	4008126	3980062	0.73	cps
Carbon	12-1	9153398	9238401	9211827	9201209	0.47	cps
Carbon	12-2	89741	88869	87996	88869	0.98	cps
Chlorine	35-1	3113952	3020444	2948241	3027546	2.74	cps
Chlorine	35-2	20991	19889	18771	19884	5.58	cps
Chromium	52-2	1350	1387	1413	1383	2.30	cps
Cobalt	59-2	260	250	213	241	10.19	cps
Copper	63-2	2857	2534	2624	2671	6.25	cps
Dysprosium	156-1	92	75	58	75	22.23	cps
Dysprosium	156-2	23	27	37	29	24.03	cps
Erbium	164-1	133	125	208	156	29.51	cps
Erbium	164-2	40	67	63	57	25.64	cps
Gadolinium	160-1	133	158	225	172	27.51	cps
Gadolinium	160-2	90	70	117	92	25.39	cps
Holmium	165-1	15204578	15568017	15281777	15351457	1.25	cps
Holmium	165-2	6993388	6859321	6874653	6909121	1.06	cps
Indium	115-1	13475099	13675761	13398610	13516490	1.06	cps
Indium	115-2	2140204	2083927	2127512	2117214	1.39	cps
Iron	54-2	6183	5246	5362	5597	9.12	cps
Iron	56-2	88837	88521	121547	99635	19.05	cps
Iron	57-2	2306	2195	2239	2247	2.49	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1027	910	974	6.08	cps
Lead	206-1	2222	1956	2111	2097	6.39	cps
Lead	207-1	2084	1583	1917	1861	13.68	cps
Lead	208-1	8485	8046	8362	8298	2.73	cps
Lithium	6-1	4770819	4714201	4684186	4723069	0.93	cps
Magnesium	24-2	503338	516904	506674	508972	1.39	cps
Manganese	55-2	7826	7936	7712	7824	1.43	cps
Molybdenum	94-1	1217	1450	1242	1303	9.83	cps
Molybdenum	95-1	1192	1450	1375	1339	9.93	cps
Molybdenum	96-1	1600	1550	1525	1558	2.45	cps
Molybdenum	97-1	908	775	767	817	9.73	cps
Molybdenum	98-1	2142	1809	1850	1934	9.39	cps
Neodymium	150-1	53	13	73	47	65.47	cps
Neodymium	150-2	37	27	17	27	37.50	cps
Nickel	60-2	250	360	290	300	18.56	cps
Phosphorus	31-2	92	150	100	114	27.70	cps
Potassium	39-2	111622	113319	110162	111701	1.41	cps
Rhodium	103-1	13409600	13321283	13280992	13337292	0.49	cps
Rhodium	103-2	5888416	5667583	5855056	5803685	2.05	cps
Scandium	45-1	10140415	10161482	10302559	10201485	0.86	cps
Scandium	45-2	301115	303066	297155	300445	1.00	cps
Selenium	82-1	28	-29	89	30	199.73	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	70	73	82	75	8.33	cps
Silicon	28-1	5480880	5607992	5510987	5533286	1.20	cps
Silver	107-1	300	317	308	308	2.70	cps
Silver	109-1	175	275	158	203	31.12	cps
Sodium	23-2	2673557	2740293	2695882	2703244	1.26	cps
Strontium	86-1	129289	136261	133282	132944	2.63	cps
Strontium	88-1	1130431	1162601	1139789	1144274	1.45	cps
Sulfur	34-1	482936	470621	472838	475465	1.38	cps
Terbium	159-1	15838691	16000596	15830133	15889807	0.60	cps
Terbium	159-2	6871004	6954546	6818904	6881484	0.99	cps
Thallium	203-1	817	717	700	744	8.48	cps
Thallium	205-1	1750	1617	1633	1667	4.36	cps
Tin	118-1	2059	1767	1742	1856	9.49	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 13:20:25	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1108	867	858	945	15.03	cps
Uranium	238-1	2142	2017	2317	2159	6.98	cps
Vanadium	51-2	417	460	413	430	6.05	cps
Ytterbium	172-1	42	50	92	61	43.83	cps
Ytterbium	172-2	28	56	28	37	43.30	cps
Ytterbium	176-1	1759	1884	1992	1878	6.22	cps
Ytterbium	176-2	2261	2334	2578	2391	6.94	cps
Yttrium	89-1	33605367	33597521	33887596	33696828	0.49	cps
Yttrium	89-2	3516944	3517443	3457433	3497273	0.99	cps
Zinc	66-2	3167	3197	3171	3179	0.52	cps
Zirconium	90-1	1809	1658	1817	1761	5.06	cps
Zirconium	91-1	417	375	583	458	24.05	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	954857	946937	942423	948072	0.66	cps
Antimony	121-1	5407628	5525742	5464856	5466075	1.08	cps
Arsenic	75-2	164983	164284	163729	164332	0.38	cps
Barium	135-1	8136482	8209999	8117415	8154632	0.60	cps
Barium	137-1	14049475	14035481	13815499	13966818	0.94	cps
Beryllium	9-1	1448841	1486553	1433843	1456412	1.86	cps
Bismuth	209-1	8457109	8488283	8788410	8577934	2.13	cps
Bismuth	209-2	4568548	4735286	4922722	4742185	3.74	cps
Boron	10-1	160352	171604	177008	169655	5.01	cps
Boron	11-1	784961	828092	859011	824021	4.51	cps
Bromine	81-1	73658	84460	92911	83676	11.53	cps
Cadmium	111-1	1473627	1467089	1481250	1473989	0.48	cps
Cadmium	106-1	164668	163600	166691	164986	0.95	cps
Cadmium	108-1	109031	111198	111064	110431	1.10	cps
Calcium	43-1	3413604	3318729	3315949	3349427	1.66	cps
Calcium	44-1	53701151	54253058	53377124	53777111	0.82	cps
Carbon	12-1	13680929	14943809	15343389	14656043	5.92	cps
Carbon	12-2	165098	166488	170914	167500	1.81	cps
Chlorine	35-1	3277278	3233192	3271750	3260740	0.74	cps
Chlorine	35-2	23311	23878	23753	23648	1.26	cps
Chromium	52-2	1827184	1813493	1827489	1822722	0.44	cps
Cobalt	59-2	3181850	3112374	3204166	3166130	1.51	cps
Copper	63-2	26636647	26719894	26613972	26656838	0.21	cps
Dysprosium	156-1	617	600	633	617	2.70	cps
Dysprosium	156-2	243	203	203	217	10.66	cps
Erbium	164-1	450	442	333	408	15.94	cps
Erbium	164-2	180	173	193	182	5.59	cps
Gadolinium	160-1	733	717	650	700	6.30	cps
Gadolinium	160-2	303	340	287	310	8.80	cps
Holmium	165-1	15518040	15613128	15569174	15566781	0.31	cps
Holmium	165-2	7028724	7123908	7606756	7253130	4.27	cps
Indium	115-1	13535097	13314917	13528759	13459591	0.93	cps
Indium	115-2	2040704	2060426	2220908	2107346	4.69	cps
Iron	54-2	4547892	4486711	4517254	4517286	0.68	cps
Iron	56-2	80815349	80125371	79827743	80256155	0.63	cps
Iron	57-2	2058274	2049013	2082466	2063251	0.84	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	997	930	946	4.80	cps
Lead	206-1	20279703	20289082	19955400	20174729	0.94	cps
Lead	207-1	17825926	17915737	17656775	17799479	0.74	cps
Lead	208-1	79880609	80514814	80673617	80356347	0.52	cps
Lithium	6-1	4810056	4724154	4637365	4723858	1.83	cps
Magnesium	24-2	14248054	14617477	14476539	14447357	1.29	cps
Manganese	55-2	10141666	10123861	10149534	10138353	0.13	cps
Molybdenum	94-1	22185329	21909670	21974411	22023137	0.65	cps
Molybdenum	95-1	32628872	31970834	31718976	32106227	1.46	cps
Molybdenum	96-1	35182517	34514240	34780088	34825615	0.97	cps
Molybdenum	97-1	19534373	19450614	19679976	19554988	0.59	cps
Molybdenum	98-1	51369529	50813982	50461063	50881525	0.90	cps
Neodymium	150-1	627	620	633	627	1.06	cps
Neodymium	150-2	140	133	97	123	18.92	cps
Nickel	60-2	821951	814662	814948	817187	0.51	cps
Phosphorus	31-2	275	225	233	244	10.96	cps
Potassium	39-2	5987545	5783329	5988396	5919757	2.00	cps
Rhodium	103-1	12797130	13023520	12882401	12901017	0.89	cps
Rhodium	103-2	5721300	5743581	6187154	5884011	4.47	cps
Scandium	45-1	10110255	10087490	10112893	10103546	0.14	cps
Scandium	45-2	300820	301072	328066	309986	5.05	cps
Selenium	82-1	110885	111695	111127	111236	0.37	cps
Selenium	77-2	3200	3104	3307	3204	3.18	cps
Selenium	78-2	11006	11257	11045	11103	1.21	cps
Silicon	28-1	28613993	29365001	28885573	28954856	1.31	cps
Silver	107-1	11578996	10718331	10616067	10971131	4.82	cps
Silver	109-1	9704486	10057694	8165729	9309303	10.81	cps
Sodium	23-2	35405665	35160107	35957155	35507642	1.15	cps
Strontium	86-1	21737487	22095915	21927628	21920343	0.82	cps
Strontium	88-1	190489742	192547017	188526163	190520974	1.06	cps
Sulfur	34-1	797034	794585	775686	789101	1.48	cps
Terbium	159-1	15958892	15705001	16182628	15948840	1.50	cps
Terbium	159-2	6994218	7104585	7536401	7211735	3.97	cps
Thallium	203-1	4859299	5036185	4886364	4927283	1.93	cps
Thallium	205-1	11407325	11743510	11388549	11513128	1.73	cps
Tin	118-1	5566517	5516093	5449291	5510634	1.07	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:26:22	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9440229	9585550	9619206	9548328	1.00	cps
Uranium	238-1	14957266	15117773	15075758	15050266	0.55	cps
Vanadium	51-2	1436319	1416892	1438502	1430571	0.83	cps
Ytterbium	172-1	267	300	192	253	21.95	cps
Ytterbium	172-2	128	111	117	119	7.16	cps
Ytterbium	176-1	2050	1892	1692	1878	9.56	cps
Ytterbium	176-2	2311	2589	2912	2604	11.53	cps
Yttrium	89-1	33372660	32947585	33047236	33122493	0.67	cps
Yttrium	89-2	3533690	3485915	3831743	3617116	5.18	cps
Zinc	66-2	3026332	3043103	3025512	3031649	0.33	cps
Zirconium	90-1	11102223	11202396	11453816	11252812	1.61	cps
Zirconium	91-1	2526650	2512122	2506393	2515055	0.42	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	966072	949800	950982	955618	0.95	cps
Antimony	121-1	5456001	5450015	5497216	5467744	0.47	cps
Arsenic	75-2	167072	166452	164876	166133	0.68	cps
Barium	135-1	8256750	8189413	8149300	8198488	0.66	cps
Barium	137-1	14250214	14240225	14441977	14310805	0.79	cps
Beryllium	9-1	1424955	1500719	1450932	1458869	2.64	cps
Bismuth	209-1	8607701	8378071	8181178	8388983	2.54	cps
Bismuth	209-2	4635212	4609843	4480162	4575072	1.82	cps
Boron	10-1	167093	173929	182319	174447	4.37	cps
Boron	11-1	796060	854057	854697	834938	4.03	cps
Bromine	81-1	74775	86464	93264	84834	11.02	cps
Cadmium	111-1	1475477	1470549	1480702	1475576	0.34	cps
Cadmium	106-1	165514	161626	165395	164178	1.35	cps
Cadmium	108-1	111367	110258	112820	111482	1.15	cps
Calcium	43-1	3334707	3361900	3443842	3380149	1.68	cps
Calcium	44-1	53770648	53597598	55510349	54292865	1.95	cps
Carbon	12-1	14133846	15132149	15450420	14905472	4.61	cps
Carbon	12-2	166757	172826	173675	171086	2.21	cps
Chlorine	35-1	3180101	3164734	3274918	3206585	1.86	cps
Chlorine	35-2	24179	24254	23895	24110	0.79	cps
Chromium	52-2	1844993	1789621	1826954	1820523	1.55	cps
Cobalt	59-2	3222683	3197394	3169345	3196474	0.83	cps
Copper	63-2	26663197	26632407	27104345	26799983	0.99	cps
Dysprosium	156-1	642	658	625	642	2.60	cps
Dysprosium	156-2	280	247	293	273	8.79	cps
Erbium	164-1	317	408	367	364	12.61	cps
Erbium	164-2	170	193	150	171	12.68	cps
Gadolinium	160-1	608	717	667	664	8.17	cps
Gadolinium	160-2	323	380	323	342	9.56	cps
Holmium	165-1	15066532	15382418	15035638	15161529	1.27	cps
Holmium	165-2	7026064	6884368	6788797	6899743	1.73	cps
Indium	115-1	13533234	13223239	12783110	13179861	2.86	cps
Indium	115-2	2081661	2013697	2032425	2042594	1.72	cps
Iron	54-2	4549541	4464428	4525241	4513070	0.97	cps
Iron	56-2	81626241	81237477	78519549	80461089	2.10	cps
Iron	57-2	2108994	2020881	2073686	2067854	2.14	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	983	930	951	2.98	cps
Lead	206-1	19722428	19863078	20356805	19980770	1.67	cps
Lead	207-1	17533110	17215479	17734779	17494456	1.50	cps
Lead	208-1	80831202	78401449	80465358	79899337	1.64	cps
Lithium	6-1	4658261	4725239	4589092	4657531	1.46	cps
Magnesium	24-2	14669552	14285695	14401093	14452113	1.36	cps
Manganese	55-2	10480676	9935350	10087523	10167850	2.77	cps
Molybdenum	94-1	21760006	21893422	21795562	21816330	0.32	cps
Molybdenum	95-1	31686804	31724052	31930155	31780337	0.41	cps
Molybdenum	96-1	34839575	34765070	34540712	34715119	0.45	cps
Molybdenum	97-1	19443300	19469149	19118944	19343798	1.01	cps
Molybdenum	98-1	50832192	50258288	51024440	50704973	0.79	cps
Neodymium	150-1	720	633	567	640	12.01	cps
Neodymium	150-2	110	160	123	131	19.75	cps
Nickel	60-2	817503	823667	827695	822955	0.62	cps
Phosphorus	31-2	208	217	208	211	2.28	cps
Potassium	39-2	5929491	5816336	5976249	5907359	1.39	cps
Rhodium	103-1	12772415	12619520	12517784	12636573	1.01	cps
Rhodium	103-2	5694555	5512928	5593529	5600337	1.62	cps
Scandium	45-1	10007198	10003338	9947789	9986108	0.33	cps
Scandium	45-2	299280	300827	300184	300097	0.26	cps
Selenium	82-1	111424	110659	111478	111187	0.41	cps
Selenium	77-2	3274	3417	3310	3334	2.23	cps
Selenium	78-2	11380	11136	11091	11202	1.39	cps
Silicon	28-1	29688199	29049144	29152190	29296511	1.17	cps
Silver	107-1	8248087	11256796	8410942	9305275	18.18	cps
Silver	109-1	8934390	8042727	8174337	8383818	5.74	cps
Sodium	23-2	35189456	35067290	35550392	35269046	0.71	cps
Strontium	86-1	21216743	21576364	21418871	21403993	0.84	cps
Strontium	88-1	186874533	187835004	185148354	186619297	0.73	cps
Sulfur	34-1	769066	765068	760421	764852	0.57	cps
Terbium	159-1	16029372	15849480	15470185	15783013	1.81	cps
Terbium	159-2	6910986	6851551	6964309	6908949	0.82	cps
Thallium	203-1	4977281	4995087	4942689	4971686	0.54	cps
Thallium	205-1	11685381	11613745	11822005	11707044	0.90	cps
Tin	118-1	5602243	5498300	5501411	5533985	1.07	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:32:16	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9579542	9529566	9523256	9544121	0.32	cps
Uranium	238-1	15314983	15058509	14990303	15121265	1.13	cps
Vanadium	51-2	1419985	1427430	1414342	1420586	0.46	cps
Ytterbium	172-1	225	267	250	247	8.48	cps
Ytterbium	172-2	94	106	144	115	22.87	cps
Ytterbium	176-1	2317	1950	2009	2092	9.42	cps
Ytterbium	176-2	2284	2478	2739	2500	9.14	cps
Yttrium	89-1	33349200	32764200	32495193	32869531	1.33	cps
Yttrium	89-2	3455985	3479773	3552600	3496119	1.44	cps
Zinc	66-2	3073983	2966448	3073622	3038018	2.04	cps
Zirconium	90-1	11262942	11361927	11219817	11281562	0.65	cps
Zirconium	91-1	2489812	2575167	2529387	2531455	1.69	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4488153	4458834	4495953	4480980	0.44	cps
Antimony	121-1	5695887	5664736	5629611	5663411	0.59	cps
Arsenic	75-2	167180	165868	166457	166502	0.39	cps
Barium	135-1	7469819	7395350	7367878	7411016	0.71	cps
Barium	137-1	12857028	12821027	12534448	12737501	1.39	cps
Beryllium	9-1	1500246	1497016	1471330	1489531	1.06	cps
Bismuth	209-1	8060295	8264067	8346350	8223571	1.79	cps
Bismuth	209-2	4406540	4480122	4413735	4433466	0.91	cps
Boron	10-1	145494	153045	161202	153247	5.13	cps
Boron	11-1	693635	735509	758251	729132	4.50	cps
Bromine	81-1	30444	30063	29401	29970	1.76	cps
Cadmium	111-1	1621348	1633977	1613962	1623096	0.62	cps
Cadmium	106-1	274879	278802	277450	277044	0.72	cps
Cadmium	108-1	148646	152483	150081	150403	1.29	cps
Calcium	43-1	11300122	11182523	11339857	11274167	0.73	cps
Calcium	44-1	183996891	181956666	181483945	182479167	0.73	cps
Carbon	12-1	9994856	10722801	11002482	10573380	4.92	cps
Carbon	12-2	120317	124695	128923	124645	3.45	cps
Chlorine	35-1	2668895	2568973	2497309	2578392	3.34	cps
Chlorine	35-2	17152	17060	16043	16752	3.68	cps
Chromium	52-2	1906708	1892120	1902797	1900542	0.40	cps
Cobalt	59-2	3315731	3317482	3333373	3322195	0.29	cps
Copper	63-2	24304568	24711450	24276315	24430778	1.00	cps
Dysprosium	156-1	1517	1533	1600	1550	2.84	cps
Dysprosium	156-2	700	680	640	673	4.54	cps
Erbium	164-1	300	433	317	350	20.76	cps
Erbium	164-2	143	157	153	151	4.59	cps
Gadolinium	160-1	1842	1825	1600	1756	7.69	cps
Gadolinium	160-2	800	970	830	867	10.47	cps
Holmium	165-1	14962690	15275374	15088346	15108804	1.04	cps
Holmium	165-2	6811831	7104569	6992926	6969775	2.12	cps
Indium	115-1	13182886	13064284	12877395	13041522	1.18	cps
Indium	115-2	2014388	1953663	1998686	1988913	1.58	cps
Iron	54-2	19929356	19921656	19805825	19885612	0.35	cps
Iron	56-2	355527475	357824619	362372208	358574767	0.97	cps
Iron	57-2	9098793	9162919	9119730	9127147	0.36	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	923	1003	1008	8.61	cps
Lead	206-1	20517465	20604046	20600448	20573986	0.24	cps
Lead	207-1	17756902	17950396	18146682	17951327	1.09	cps
Lead	208-1	81419648	82175907	83815330	82470295	1.48	cps
Lithium	6-1	4641788	4521697	4402285	4521924	2.65	cps
Magnesium	24-2	64452529	64926943	64668485	64682652	0.37	cps
Manganese	55-2	9255766	9503965	9418004	9392578	1.34	cps
Molybdenum	94-1	32102399	32705155	31348877	32052143	2.12	cps
Molybdenum	95-1	17793389	17796966	17668548	17752968	0.41	cps
Molybdenum	96-1	22880033	22483678	22427657	22597123	1.09	cps
Molybdenum	97-1	10996043	10830416	10601982	10809480	1.83	cps
Molybdenum	98-1	28346264	27921577	27929489	28065777	0.87	cps
Neodymium	150-1	460	480	527	489	7.00	cps
Neodymium	150-2	90	80	77	82	8.44	cps
Nickel	60-2	862537	866074	868814	865808	0.36	cps
Phosphorus	31-2	47487	48507	48140	48044	1.08	cps
Potassium	39-2	25569775	25775964	25465786	25603841	0.62	cps
Rhodium	103-1	12542311	12141529	12170009	12284616	1.82	cps
Rhodium	103-2	5488845	5421004	5404551	5438133	0.82	cps
Scandium	45-1	10139419	9945979	10093287	10059561	1.00	cps
Scandium	45-2	309611	305699	313186	309499	1.21	cps
Selenium	82-1	112146	112437	112641	112408	0.22	cps
Selenium	77-2	3384	3497	3257	3379	3.55	cps
Selenium	78-2	11363	11345	11420	11376	0.34	cps
Silicon	28-1	5307253	5479442	5634694	5473796	2.99	cps
Silver	107-1	7668580	7900415	7672396	7747130	1.71	cps
Silver	109-1	7242575	7193618	7288681	7241624	0.66	cps
Sodium	23-2	121577165	123032224	123448549	122685979	0.80	cps
Strontium	86-1	11271872	11027970	11207560	11169134	1.13	cps
Strontium	88-1	97878392	96658925	96846554	97127957	0.68	cps
Sulfur	34-1	1009543	1009241	1043262	1020682	1.92	cps
Terbium	159-1	16229229	15984150	15910677	16041352	1.04	cps
Terbium	159-2	6934253	6771987	6852208	6852816	1.18	cps
Thallium	203-1	5108911	5015222	5057822	5060652	0.93	cps
Thallium	205-1	11965928	11845705	12007350	11939661	0.70	cps
Tin	118-1	5160096	5039724	5071552	5090457	1.23	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P8
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:39:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5289404	5297680	5348618	5311901	0.60	cps
Uranium	238-1	16071535	16102757	16016387	16063560	0.27	cps
Vanadium	51-2	1509538	1477149	1516963	1501217	1.41	cps
Ytterbium	172-1	150	67	58	92	55.30	cps
Ytterbium	172-2	33	33	39	35	9.12	cps
Ytterbium	176-1	96210	95596	95730	95845	0.34	cps
Ytterbium	176-2	47296	47937	47084	47439	0.94	cps
Yttrium	89-1	33147661	33272839	32591293	33003931	1.10	cps
Yttrium	89-2	3484400	3463725	3491508	3479878	0.41	cps
Zinc	66-2	2714388	2735117	2701429	2716978	0.63	cps
Zirconium	90-1	61943101	61864739	59151524	60986455	2.61	cps
Zirconium	91-1	13491011	13635767	13361738	13496172	1.02	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246	239	251	245	2.56	cps
Antimony	121-1	458	725	900	694	32.03	cps
Arsenic	75-2	19	14	12	15	24.04	cps
Barium	135-1	242	275	167	228	24.36	cps
Barium	137-1	325	350	325	333	4.33	cps
Beryllium	9-1	122	88	88	99	19.77	cps
Bismuth	209-1	8445696	8340330	8556298	8447441	1.28	cps
Bismuth	209-2	4574560	4434155	4630875	4546530	2.23	cps
Boron	10-1	7747	7546	7364	7552	2.53	cps
Boron	11-1	36604	35706	34448	35586	3.04	cps
Bromine	81-1	26272	25780	25660	25904	1.25	cps
Cadmium	111-1	5156	5490	5201	5283	3.43	cps
Cadmium	106-1	7227	7694	7360	7427	3.24	cps
Cadmium	108-1	75	42	67	61	28.38	cps
Calcium	43-1	600	604	619	607	1.63	cps
Calcium	44-1	45403	45368	45392	45388	0.04	cps
Carbon	12-1	6047348	5980777	5970577	5999567	0.69	cps
Carbon	12-2	58041	56844	58475	57787	1.46	cps
Chlorine	35-1	2337010	2176006	2073659	2195558	6.05	cps
Chlorine	35-2	14725	13924	13632	14093	4.01	cps
Chromium	52-2	1163	1240	1183	1196	3.33	cps
Cobalt	59-2	90	103	170	121	35.39	cps
Copper	63-2	1947	1850	1970	1922	3.31	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	125	125	58	103	37.45	cps
Erbium	164-2	53	43	33	43	23.08	cps
Gadolinium	160-1	125	92	125	114	16.90	cps
Gadolinium	160-2	47	43	40	43	7.70	cps
Holmium	165-1	14550270	14453682	14221054	14408335	1.17	cps
Holmium	165-2	6590947	6516248	6789166	6632120	2.13	cps
Indium	115-1	12928075	13241811	13158687	13109524	1.24	cps
Indium	115-2	2051478	1962700	2083584	2032587	3.08	cps
Iron	54-2	1033	1211	1011	1085	10.10	cps
Iron	56-2	12550	11900	12645	12365	3.28	cps
Iron	57-2	311	228	367	302	23.16	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	863	973	954	8.73	cps
Lead	206-1	2234	2423	2439	2365	4.83	cps
Lead	207-1	2022	2056	2261	2113	6.12	cps
Lead	208-1	9329	9646	9779	9585	2.41	cps
Lithium	6-1	4504317	4404737	4382859	4430638	1.46	cps
Magnesium	24-2	1692	1492	1300	1495	13.11	cps
Manganese	55-2	433	390	447	423	7.00	cps
Molybdenum	94-1	1483	1458	1125	1356	14.76	cps
Molybdenum	95-1	1058	917	908	961	8.77	cps
Molybdenum	96-1	1200	1458	1217	1292	11.19	cps
Molybdenum	97-1	650	625	633	636	2.00	cps
Molybdenum	98-1	1608	1525	1450	1528	5.18	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	267	223	187	226	17.75	cps
Phosphorus	31-2	125	133	75	111	28.40	cps
Potassium	39-2	22360	22084	22284	22243	0.64	cps
Rhodium	103-1	12732946	12738509	12708180	12726545	0.13	cps
Rhodium	103-2	5651131	5448081	5726375	5608529	2.57	cps
Scandium	45-1	9480770	9718167	9417389	9538775	1.66	cps
Scandium	45-2	286772	272084	287023	281960	3.03	cps
Selenium	82-1	-73	72	30	10	783.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	79	75	67	74	8.29	cps
Silicon	28-1	491052	488457	489744	489751	0.26	cps
Silver	107-1	3492	2392	2109	2664	27.43	cps
Silver	109-1	3017	2234	1817	2356	25.87	cps
Sodium	23-2	49058	47921	48882	48620	1.26	cps
Strontium	86-1	1992	2225	1825	2014	9.98	cps
Strontium	88-1	4593	4834	4659	4695	2.66	cps
Sulfur	34-1	374863	378885	380433	378060	0.76	cps
Terbium	159-1	14943329	15431944	15114390	15163221	1.64	cps
Terbium	159-2	6847463	6274093	6680087	6600548	4.47	cps
Thallium	203-1	1075	908	1025	1003	8.53	cps
Thallium	205-1	2559	2775	2475	2603	5.95	cps
Tin	118-1	1458	1700	1550	1570	7.77	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P8
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:46:05	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	550	458	461	18.98	cps
Uranium	238-1	458	458	433	450	3.21	cps
Vanadium	51-2	63	33	33	43	39.97	cps
Ytterbium	172-1	33	17	8	19	65.47	cps
Ytterbium	172-2	28	6	22	19	62.43	cps
Ytterbium	176-1	1583	1792	1533	1636	8.38	cps
Ytterbium	176-2	2350	2428	2511	2430	3.32	cps
Yttrium	89-1	31724239	32251083	31583732	31853018	1.10	cps
Yttrium	89-2	3410857	3241297	3374568	3342240	2.67	cps
Zinc	66-2	852	969	821	881	8.83	cps
Zirconium	90-1	2209	2409	2134	2250	6.32	cps
Zirconium	91-1	467	525	517	503	6.27	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	226	222	216	6.56	cps
Antimony	121-1	375	308	425	369	15.84	cps
Arsenic	75-2	9	8	8	8	6.93	cps
Barium	135-1	167	200	125	164	22.93	cps
Barium	137-1	275	275	342	297	12.95	cps
Beryllium	9-1	80	74	84	79	6.34	cps
Bismuth	209-1	8105951	8361302	8715782	8394345	3.65	cps
Bismuth	209-2	4621315	4531687	4596380	4583128	1.01	cps
Boron	10-1	5240	5232	5170	5214	0.73	cps
Boron	11-1	24866	24824	23893	24528	2.24	cps
Bromine	81-1	26262	26101	26553	26305	0.87	cps
Cadmium	111-1	5557	5122	5692	5457	5.46	cps
Cadmium	106-1	7819	7194	8011	7675	5.57	cps
Cadmium	108-1	71	79	58	69	15.10	cps
Calcium	43-1	562	550	519	544	4.14	cps
Calcium	44-1	43002	44098	44630	43910	1.89	cps
Carbon	12-1	6141535	6104565	6159772	6135291	0.46	cps
Carbon	12-2	60040	60693	61245	60660	0.99	cps
Chlorine	35-1	2033575	1973609	1857589	1954924	4.58	cps
Chlorine	35-2	13090	11997	12489	12525	4.37	cps
Chromium	52-2	1130	1113	1207	1150	4.33	cps
Cobalt	59-2	127	97	140	121	18.32	cps
Copper	63-2	1707	1453	1770	1643	10.20	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	125	133	142	133	6.25	cps
Erbium	164-2	37	23	43	34	29.57	cps
Gadolinium	160-1	125	150	58	111	42.65	cps
Gadolinium	160-2	37	50	70	52	32.12	cps
Holmium	165-1	13816249	14668257	14824680	14436395	3.76	cps
Holmium	165-2	6849346	6544473	6531653	6641824	2.71	cps
Indium	115-1	12490879	13006988	13348627	12948831	3.33	cps
Indium	115-2	2121803	2067439	2068921	2086054	1.48	cps
Iron	54-2	1028	978	978	995	2.90	cps
Iron	56-2	9587	9926	10282	9931	3.50	cps
Iron	57-2	261	289	261	270	5.93	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	1027	907	933	8.92	cps
Lead	206-1	1995	2156	2111	2087	3.99	cps
Lead	207-1	1678	1872	1833	1795	5.73	cps
Lead	208-1	7751	8223	8251	8075	3.48	cps
Lithium	6-1	4288329	4451903	4365520	4368584	1.87	cps
Magnesium	24-2	975	1167	950	1031	11.50	cps
Manganese	55-2	420	417	457	431	5.15	cps
Molybdenum	94-1	958	883	917	919	4.09	cps
Molybdenum	95-1	608	617	658	628	4.27	cps
Molybdenum	96-1	917	775	833	842	8.46	cps
Molybdenum	97-1	292	392	467	383	22.90	cps
Molybdenum	98-1	858	1208	1050	1039	16.87	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	177	227	210	13.75	cps
Phosphorus	31-2	92	92	50	78	30.93	cps
Potassium	39-2	21767	22710	21951	22143	2.26	cps
Rhodium	103-1	12049806	12866842	13023965	12646871	4.14	cps
Rhodium	103-2	5801165	5901421	5651061	5784549	2.18	cps
Scandium	45-1	9232608	9487423	9552417	9424149	1.79	cps
Scandium	45-2	288049	288840	289861	288917	0.31	cps
Selenium	82-1	108	-88	7	9	1103.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	75	94	81	83	11.65	cps
Silicon	28-1	474016	477304	474911	475410	0.36	cps
Silver	107-1	1292	1400	1333	1342	4.07	cps
Silver	109-1	1267	1050	1125	1147	9.59	cps
Sodium	23-2	44217	45313	44209	44580	1.42	cps
Strontium	86-1	2017	2017	2075	2036	1.65	cps
Strontium	88-1	3175	3292	3517	3328	5.22	cps
Sulfur	34-1	382261	387361	389942	386521	1.01	cps
Terbium	159-1	14555929	15008152	15252016	14938699	2.36	cps
Terbium	159-2	6614502	6603370	6667496	6628456	0.52	cps
Thallium	203-1	942	917	875	911	3.70	cps
Thallium	205-1	2384	2117	1892	2131	11.55	cps
Tin	118-1	1483	1458	1859	1600	14.01	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BL	Instrumnet Name :	P8
Client Sample ID :	PB139562BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:49:05	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	375	483	400	18.52	cps
Uranium	238-1	242	317	275	278	13.53	cps
Vanadium	51-2	27	23	27	26	7.55	cps
Ytterbium	172-1	58	75	33	56	37.75	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	1525	1542	1658	1575	4.61	cps
Ytterbium	176-2	2317	2639	2539	2498	6.60	cps
Yttrium	89-1	30486585	31294230	32737092	31505969	3.62	cps
Yttrium	89-2	3412105	3501663	3388184	3433984	1.74	cps
Zinc	66-2	739	892	885	839	10.34	cps
Zirconium	90-1	1550	1750	2125	1808	16.14	cps
Zirconium	91-1	342	400	367	369	7.92	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867439	875757	865293	869496	0.64	cps
Antimony	121-1	5679279	5707753	5699300	5695444	0.26	cps
Arsenic	75-2	168441	166580	165880	166967	0.79	cps
Barium	135-1	7359898	7376953	7297381	7344744	0.57	cps
Barium	137-1	12981950	12515380	12720842	12739391	1.84	cps
Beryllium	9-1	1556777	1467687	1474451	1499639	3.31	cps
Bismuth	209-1	8315606	8573126	8598847	8495860	1.84	cps
Bismuth	209-2	4630244	4613194	4548442	4597293	0.94	cps
Boron	10-1	137563	142323	149013	142966	4.02	cps
Boron	11-1	647190	682662	708384	679412	4.52	cps
Bromine	81-1	28257	26793	26503	27184	3.46	cps
Cadmium	111-1	1597797	1542480	1605762	1582013	2.18	cps
Cadmium	106-1	173196	169922	177708	173609	2.25	cps
Cadmium	108-1	115442	113167	112606	113738	1.32	cps
Calcium	43-1	2590133	2567340	2557968	2571814	0.64	cps
Calcium	44-1	40809526	39312553	41121089	40414390	2.39	cps
Carbon	12-1	6976535	7014205	7182080	7057607	1.55	cps
Carbon	12-2	71064	71416	72882	71787	1.34	cps
Chlorine	35-1	2087423	2027521	1952534	2022493	3.34	cps
Chlorine	35-2	13715	12622	12364	12900	5.56	cps
Chromium	52-2	1894049	1934810	1904266	1911041	1.11	cps
Cobalt	59-2	3327575	3360711	3264607	3317631	1.47	cps
Copper	63-2	25484994	25606275	25392973	25494747	0.42	cps
Dysprosium	156-1	217	300	233	250	17.64	cps
Dysprosium	156-2	107	157	107	123	23.41	cps
Erbium	164-1	75	167	142	128	37.08	cps
Erbium	164-2	57	40	70	56	27.06	cps
Gadolinium	160-1	433	342	283	353	21.43	cps
Gadolinium	160-2	157	157	123	146	13.22	cps
Holmium	165-1	14767685	15510208	15073858	15117251	2.47	cps
Holmium	165-2	7091823	6910081	6919668	6973857	1.47	cps
Indium	115-1	12779516	13527703	13405826	13237681	3.03	cps
Indium	115-2	2039029	2032616	2057175	2042940	0.62	cps
Iron	54-2	4202432	4219944	4135904	4186093	1.06	cps
Iron	56-2	74918832	74735191	73157643	74270555	1.30	cps
Iron	57-2	1939294	1974442	1863201	1925646	2.95	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	957	963	958	0.53	cps
Lead	206-1	20900389	20569609	21244880	20904959	1.62	cps
Lead	207-1	18524869	17854042	18555422	18311445	2.16	cps
Lead	208-1	83855353	81674274	84485937	83338521	1.77	cps
Lithium	6-1	4442513	4551264	4508354	4500710	1.22	cps
Magnesium	24-2	13106097	13088826	13167623	13120849	0.32	cps
Manganese	55-2	9434671	9332295	9382362	9383109	0.55	cps
Molybdenum	94-1	14277475	14210551	14321507	14269844	0.39	cps
Molybdenum	95-1	17490171	17383390	17585208	17486256	0.58	cps
Molybdenum	96-1	19094812	19278393	19114804	19162670	0.53	cps
Molybdenum	97-1	10477569	10699425	10506235	10561076	1.14	cps
Molybdenum	98-1	27776779	27225567	27637143	27546496	1.04	cps
Neodymium	150-1	347	300	247	298	16.80	cps
Neodymium	150-2	7	13	23	14	58.06	cps
Nickel	60-2	875840	864875	864338	868351	0.75	cps
Phosphorus	31-2	29990	30775	31117	30627	1.89	cps
Potassium	39-2	5245393	5224179	5142001	5203858	1.05	cps
Rhodium	103-1	12480575	13140968	13118136	12913226	2.90	cps
Rhodium	103-2	5726060	5748796	5706422	5727093	0.37	cps
Scandium	45-1	9778909	9832845	10135545	9915766	1.94	cps
Scandium	45-2	303993	301802	300176	301991	0.63	cps
Selenium	82-1	116222	114356	116226	115601	0.93	cps
Selenium	77-2	3731	3510	3504	3582	3.60	cps
Selenium	78-2	11624	11631	11479	11578	0.74	cps
Silicon	28-1	5389897	5537970	5818557	5582141	3.90	cps
Silver	107-1	8086527	7950313	8114861	8050567	1.09	cps
Silver	109-1	7656145	7657042	7637872	7650353	0.14	cps
Sodium	23-2	24950253	24769635	24424033	24714640	1.08	cps
Strontium	86-1	22079657	22180803	21949839	22070100	0.52	cps
Strontium	88-1	191925575	190611933	191073892	191203800	0.35	cps
Sulfur	34-1	883676	872441	864384	873500	1.11	cps
Terbium	159-1	15193593	15827449	15805401	15608814	2.30	cps
Terbium	159-2	6756184	6986170	6954035	6898796	1.81	cps
Thallium	203-1	4954316	5015010	5099941	5023089	1.46	cps
Thallium	205-1	11872949	11681760	11833692	11796134	0.86	cps
Tin	118-1	5116436	5311860	5168573	5198956	1.95	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139562BS	Instrumnet Name :	P8
Client Sample ID :	PB139562BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:52:08	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5291287	5145595	5374947	5270610	2.20	cps
Uranium	238-1	15834124	15567791	15483834	15628583	1.17	cps
Vanadium	51-2	1464990	1493800	1478661	1479150	0.97	cps
Ytterbium	172-1	67	42	50	53	24.12	cps
Ytterbium	172-2	11	6	28	15	78.05	cps
Ytterbium	176-1	22353	22678	23004	22678	1.44	cps
Ytterbium	176-2	11138	12862	12278	12093	7.25	cps
Yttrium	89-1	31576626	32653017	33829881	32686508	3.45	cps
Yttrium	89-2	3555946	3539966	3483501	3526471	1.08	cps
Zinc	66-2	2847457	2845179	2788998	2827211	1.17	cps
Zirconium	90-1	12038156	12170177	12447380	12218571	1.71	cps
Zirconium	91-1	2780454	2721228	2800965	2767549	1.50	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	983073	989761	974653	982496	0.77	cps
Antimony	121-1	5625743	5422451	5572208	5540134	1.90	cps
Arsenic	75-2	170762	172465	170966	171398	0.54	cps
Barium	135-1	8291566	8031363	8443472	8255467	2.52	cps
Barium	137-1	14452281	14224621	14563907	14413603	1.20	cps
Beryllium	9-1	1456839	1431000	1463812	1450550	1.19	cps
Bismuth	209-1	8757940	8879449	8615264	8750884	1.51	cps
Bismuth	209-2	4585795	4762863	4762488	4703715	2.17	cps
Boron	10-1	170343	182873	190406	181207	5.59	cps
Boron	11-1	812572	820083	833091	821915	1.26	cps
Bromine	81-1	72571	85616	94009	84066	12.85	cps
Cadmium	111-1	1509054	1520122	1519563	1516246	0.41	cps
Cadmium	106-1	167905	167107	169334	168115	0.67	cps
Cadmium	108-1	114395	112832	113088	113438	0.74	cps
Calcium	43-1	3500308	3534275	3430182	3488255	1.52	cps
Calcium	44-1	56232795	55789955	55375362	55799371	0.77	cps
Carbon	12-1	12996096	14406784	15121893	14174924	7.63	cps
Carbon	12-2	157422	166159	168244	163942	3.50	cps
Chlorine	35-1	2656491	2658018	2713315	2675941	1.21	cps
Chlorine	35-2	19906	19981	20248	20045	0.90	cps
Chromium	52-2	1904578	1881971	1853004	1879851	1.38	cps
Cobalt	59-2	3245165	3311403	3210889	3255819	1.57	cps
Copper	63-2	27532809	27635917	27139373	27436033	0.96	cps
Dysprosium	156-1	717	692	492	633	19.47	cps
Dysprosium	156-2	250	280	307	279	10.16	cps
Erbium	164-1	542	417	400	453	17.10	cps
Erbium	164-2	173	140	187	167	14.42	cps
Gadolinium	160-1	700	900	683	761	15.84	cps
Gadolinium	160-2	347	340	360	349	2.92	cps
Holmium	165-1	15561541	15763220	15731802	15685521	0.69	cps
Holmium	165-2	7214161	7294882	7167261	7225434	0.89	cps
Indium	115-1	13659141	13693189	13678562	13676964	0.12	cps
Indium	115-2	2146429	2193508	2144706	2161547	1.28	cps
Iron	54-2	4688807	4737230	4650677	4692238	0.92	cps
Iron	56-2	82219882	83906094	81799688	82641888	1.35	cps
Iron	57-2	2122445	2163221	2118130	2134598	1.17	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	940	1023	1010	6.37	cps
Lead	206-1	20583578	21281742	20134841	20666720	2.80	cps
Lead	207-1	17952460	18091627	17771383	17938490	0.90	cps
Lead	208-1	81965052	83008201	80851569	81941607	1.32	cps
Lithium	6-1	4628465	4599932	4763527	4663975	1.87	cps
Magnesium	24-2	15193960	14906183	14618619	14906254	1.93	cps
Manganese	55-2	10298310	10684922	10260346	10414526	2.26	cps
Molybdenum	94-1	22941941	22792737	22264598	22666426	1.57	cps
Molybdenum	95-1	33068208	32716674	32514856	32766579	0.85	cps
Molybdenum	96-1	36088145	35340908	35626792	35685282	1.06	cps
Molybdenum	97-1	20481753	19966368	19795794	20081305	1.78	cps
Molybdenum	98-1	52745632	52340407	51765367	52283802	0.94	cps
Neodymium	150-1	787	627	607	673	14.65	cps
Neodymium	150-2	147	150	120	139	11.84	cps
Nickel	60-2	842993	845050	842606	843550	0.16	cps
Phosphorus	31-2	217	325	183	242	30.65	cps
Potassium	39-2	6232403	6039468	6014833	6095568	1.95	cps
Rhodium	103-1	13263894	13226735	13201763	13230797	0.24	cps
Rhodium	103-2	5823796	5886316	5948993	5886368	1.06	cps
Scandium	45-1	10523984	10412604	10513023	10483204	0.59	cps
Scandium	45-2	312996	312096	308400	311164	0.78	cps
Selenium	82-1	114205	114443	115225	114624	0.47	cps
Selenium	77-2	3537	3284	3370	3397	3.79	cps
Selenium	78-2	11842	11801	11460	11701	1.79	cps
Silicon	28-1	29947215	29811636	30100261	29953037	0.48	cps
Silver	107-1	9922452	10465309	7910801	9432854	14.27	cps
Silver	109-1	7665184	6907479	7008299	7193654	5.72	cps
Sodium	23-2	36902429	37117091	35933678	36651066	1.72	cps
Strontium	86-1	22285941	22945597	22534225	22588587	1.47	cps
Strontium	88-1	192200629	195334450	192984567	193506549	0.84	cps
Sulfur	34-1	781474	774881	767965	774773	0.87	cps
Terbium	159-1	16327144	16396827	16724662	16482878	1.29	cps
Terbium	159-2	7112249	7235664	7127141	7158351	0.94	cps
Thallium	203-1	4992219	5094031	5104214	5063488	1.22	cps
Thallium	205-1	11698333	12071131	12173862	11981109	2.09	cps
Tin	118-1	5659834	5558740	5603676	5607417	0.90	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-05A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 13:55:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9942117	9925536	9942942	9936865	0.10	cps
Uranium	238-1	15168095	15407097	15243036	15272743	0.80	cps
Vanadium	51-2	1479077	1465332	1466792	1470400	0.51	cps
Ytterbium	172-1	192	250	292	244	20.55	cps
Ytterbium	172-2	94	133	117	115	16.99	cps
Ytterbium	176-1	1975	2150	1817	1981	8.42	cps
Ytterbium	176-2	2461	2534	2784	2593	6.52	cps
Yttrium	89-1	34028562	33855475	34453635	34112558	0.90	cps
Yttrium	89-2	3613293	3609281	3674402	3632325	1.00	cps
Zinc	66-2	3176428	3145397	3125266	3149031	0.82	cps
Zirconium	90-1	11557029	11631290	11542743	11577021	0.41	cps
Zirconium	91-1	2597206	2607962	2589281	2598150	0.36	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7439	7467	7330	7412	0.98	cps
Antimony	121-1	2492	2409	2675	2525	5.40	cps
Arsenic	75-2	1701	1784	1790	1759	2.83	cps
Barium	135-1	389837	394413	390161	391470	0.65	cps
Barium	137-1	686800	683840	675129	681923	0.89	cps
Beryllium	9-1	176	130	140	149	16.27	cps
Bismuth	209-1	8626248	8801173	8495045	8640822	1.78	cps
Bismuth	209-2	4628746	4535433	4625238	4596472	1.15	cps
Boron	10-1	29866	32129	33728	31908	6.08	cps
Boron	11-1	144731	156667	161774	154391	5.67	cps
Bromine	81-1	128543	147762	159985	145430	10.90	cps
Cadmium	111-1	5603	5314	5347	5421	2.91	cps
Cadmium	106-1	7944	7494	7552	7663	3.20	cps
Cadmium	108-1	83	33	63	60	42.06	cps
Calcium	43-1	1110382	1115443	1106278	1110701	0.41	cps
Calcium	44-1	18714688	18770575	18466587	18650616	0.87	cps
Carbon	12-1	18337324	19500607	20288266	19375399	5.07	cps
Carbon	12-2	214846	218568	218047	217154	0.93	cps
Chlorine	35-1	3036529	2962568	2924088	2974395	1.92	cps
Chlorine	35-2	22660	21900	20624	21728	4.74	cps
Chromium	52-2	6842	7092	7179	7037	2.49	cps
Cobalt	59-2	36711	37272	37242	37075	0.85	cps
Copper	63-2	25914	26147	25620	25894	1.02	cps
Dysprosium	156-1	2142	2275	2259	2225	3.27	cps
Dysprosium	156-2	973	1003	970	982	1.87	cps
Erbium	164-1	1934	2142	2000	2025	5.25	cps
Erbium	164-2	843	910	770	841	8.33	cps
Gadolinium	160-1	2317	2375	2284	2325	2.00	cps
Gadolinium	160-2	1137	1123	1307	1189	8.60	cps
Holmium	165-1	14958964	15152250	15114393	15075202	0.68	cps
Holmium	165-2	6690694	7178418	6727471	6865528	3.96	cps
Indium	115-1	13512714	13398136	13419128	13443326	0.45	cps
Indium	115-2	2076325	2069582	2127599	2091168	1.52	cps
Iron	54-2	5292663	5349474	5217875	5286670	1.25	cps
Iron	56-2	94788466	92889602	93438558	93705542	1.04	cps
Iron	57-2	2493995	2479902	2442987	2472295	1.07	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1023	923	962	5.57	cps
Lead	206-1	8742	9020	8525	8762	2.83	cps
Lead	207-1	7880	7380	7441	7567	3.61	cps
Lead	208-1	35258	34891	34213	34787	1.52	cps
Lithium	6-1	4528562	4529689	4566767	4541672	0.48	cps
Magnesium	24-2	2528741	2509387	2489757	2509295	0.78	cps
Manganese	55-2	5111309	5171676	5129968	5137651	0.60	cps
Molybdenum	94-1	3742	3867	3642	3751	3.01	cps
Molybdenum	95-1	3901	3751	3759	3803	2.22	cps
Molybdenum	96-1	6243	6677	5660	6193	8.24	cps
Molybdenum	97-1	2350	2075	1950	2125	9.63	cps
Molybdenum	98-1	4934	4926	4993	4951	0.73	cps
Neodymium	150-1	3321	3601	3280	3401	5.13	cps
Neodymium	150-2	940	923	977	947	2.88	cps
Nickel	60-2	14391	14564	14287	14414	0.97	cps
Phosphorus	31-2	842	883	900	875	3.43	cps
Potassium	39-2	719133	704175	707061	710123	1.12	cps
Rhodium	103-1	13023452	13007055	13418637	13149715	1.77	cps
Rhodium	103-2	5693032	5701731	5796299	5730354	1.00	cps
Scandium	45-1	10031702	10020517	10204161	10085460	1.02	cps
Scandium	45-2	297330	294505	297991	296609	0.62	cps
Selenium	82-1	213	99	240	184	40.56	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	81	106	100	96	13.64	cps
Silicon	28-1	55775266	55093718	54056201	54975062	1.57	cps
Silver	107-1	2900	3100	2700	2900	6.90	cps
Silver	109-1	2642	2692	2550	2628	2.73	cps
Sodium	23-2	13550983	13477530	13406135	13478216	0.54	cps
Strontium	86-1	534223	540666	540354	538414	0.67	cps
Strontium	88-1	4647316	4766403	4689176	4700965	1.29	cps
Sulfur	34-1	2519140	2532463	2479436	2510347	1.10	cps
Terbium	159-1	15730386	15973452	15851276	15851705	0.77	cps
Terbium	159-2	6628918	6595596	6692022	6638845	0.74	cps
Thallium	203-1	917	742	842	833	10.54	cps
Thallium	205-1	2175	1975	2192	2114	5.70	cps
Tin	118-1	4292	4017	3934	4081	4.60	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:08:14	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4909	4893	5385	5062	5.52	cps
Uranium	238-1	1450	1492	1567	1503	3.93	cps
Vanadium	51-2	3594	3580	3457	3544	2.13	cps
Ytterbium	172-1	842	867	933	881	5.38	cps
Ytterbium	172-2	500	467	367	444	15.61	cps
Ytterbium	176-1	2167	2242	2275	2228	2.49	cps
Ytterbium	176-2	2873	2823	2939	2878	2.03	cps
Yttrium	89-1	32287531	32980708	33490715	32919651	1.83	cps
Yttrium	89-2	3523087	3547290	3586842	3552406	0.91	cps
Zinc	66-2	23143	22835	23173	23050	0.81	cps
Zirconium	90-1	5376	4784	4868	5009	6.40	cps
Zirconium	91-1	1300	1017	1133	1150	12.38	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M4063-04 Instrumnet Name : P8
 Client Sample ID : SW-RR-03-(SA) Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 14:11:08 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7950	7747	7956	7885	1.51	cps
Antimony	121-1	2584	2609	3184	2792	12.16	cps
Arsenic	75-2	303	280	267	283	6.43	cps
Barium	135-1	146961	148416	147599	147658	0.49	cps
Barium	137-1	258502	260406	255266	258058	1.01	cps
Beryllium	9-1	96	116	102	105	9.81	cps
Bismuth	209-1	8808052	8670263	8576957	8685091	1.34	cps
Bismuth	209-2	5058159	4745181	4783008	4862116	3.51	cps
Boron	10-1	27903	28480	29085	28489	2.07	cps
Boron	11-1	133276	135168	141166	136537	3.02	cps
Bromine	81-1	118538	131444	140936	130306	8.63	cps
Cadmium	111-1	5830	5765	5628	5741	1.79	cps
Cadmium	106-1	8203	8011	8003	8072	1.40	cps
Cadmium	108-1	71	25	88	61	52.96	cps
Calcium	43-1	1225134	1266599	1213196	1234977	2.27	cps
Calcium	44-1	19996163	20131489	20412816	20180156	1.05	cps
Carbon	12-1	13625926	14823299	15218894	14556040	5.70	cps
Carbon	12-2	155932	161273	163275	160160	2.37	cps
Chlorine	35-1	3383832	3519977	3464296	3456035	1.98	cps
Chlorine	35-2	26199	25748	27761	26569	3.97	cps
Chromium	52-2	2817	2737	2807	2787	1.56	cps
Cobalt	59-2	1803	1633	1530	1656	8.34	cps
Copper	63-2	16149	15555	15712	15806	1.95	cps
Dysprosium	156-1	875	833	750	819	7.77	cps
Dysprosium	156-2	367	343	400	370	7.70	cps
Erbium	164-1	575	617	525	572	8.02	cps
Erbium	164-2	247	170	280	232	24.29	cps
Gadolinium	160-1	817	858	917	864	5.81	cps
Gadolinium	160-2	463	470	480	471	1.78	cps
Holmium	165-1	15323018	15051736	15272118	15215624	0.95	cps
Holmium	165-2	7380664	7155218	7041174	7192352	2.40	cps
Indium	115-1	13159224	13695073	13403109	13419136	2.00	cps
Indium	115-2	2250204	2178002	2137466	2188557	2.61	cps
Iron	54-2	63357	66008	63993	64452	2.15	cps
Iron	56-2	1170635	1183063	1144448	1166049	1.69	cps
Iron	57-2	29826	29893	29536	29752	0.64	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:11:08	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	950	993	952	4.21	cps
Lead	206-1	4701	4718	4473	4631	2.95	cps
Lead	207-1	3778	3984	3962	3908	2.89	cps
Lead	208-1	18155	18211	17788	18052	1.27	cps
Lithium	6-1	4594820	4624198	4718698	4645905	1.39	cps
Magnesium	24-2	2641364	2703167	2702979	2682503	1.33	cps
Manganese	55-2	223844	227148	224401	225131	0.79	cps
Molybdenum	94-1	5401	5268	5184	5284	2.07	cps
Molybdenum	95-1	8061	7752	7461	7758	3.87	cps
Molybdenum	96-1	8511	8678	8119	8436	3.40	cps
Molybdenum	97-1	4968	5251	5059	5093	2.84	cps
Molybdenum	98-1	12598	12397	12122	12373	1.93	cps
Neodymium	150-1	540	540	473	518	7.43	cps
Neodymium	150-2	203	167	197	189	10.34	cps
Nickel	60-2	2084	2284	2274	2214	5.09	cps
Phosphorus	31-2	2400	2384	2275	2353	2.89	cps
Potassium	39-2	737390	749963	747654	745002	0.90	cps
Rhodium	103-1	13176569	13076682	12716258	12989836	1.86	cps
Rhodium	103-2	6139039	6112119	5901946	6051035	2.15	cps
Scandium	45-1	10241830	10157201	10362908	10253980	1.01	cps
Scandium	45-2	320257	306397	305839	310831	2.63	cps
Selenium	82-1	145	115	96	119	20.99	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	82	97	84	88	9.29	cps
Silicon	28-1	30542731	30699402	30281577	30507903	0.69	cps
Silver	107-1	1158	1050	1008	1072	7.22	cps
Silver	109-1	975	925	933	945	2.84	cps
Sodium	23-2	16982776	17486268	17451711	17306918	1.63	cps
Strontium	86-1	695588	691026	686421	691012	0.66	cps
Strontium	88-1	6157000	6068745	6021166	6082304	1.13	cps
Sulfur	34-1	1029395	1024227	1002527	1018716	1.40	cps
Terbium	159-1	15792417	15955574	15798855	15848949	0.58	cps
Terbium	159-2	7318221	6924599	6945713	7062845	3.13	cps
Thallium	203-1	825	742	725	764	7.01	cps
Thallium	205-1	2050	1909	2259	2072	8.50	cps
Tin	118-1	2717	2892	2950	2853	4.26	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:11:08	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6377	6277	6135	6263	1.94	cps
Uranium	238-1	6002	5843	5968	5938	1.41	cps
Vanadium	51-2	2657	2807	2547	2670	4.89	cps
Ytterbium	172-1	258	342	233	278	20.42	cps
Ytterbium	172-2	122	128	161	137	15.35	cps
Ytterbium	176-1	2050	2367	1725	2047	15.67	cps
Ytterbium	176-2	2661	2711	2828	2734	3.13	cps
Yttrium	89-1	33086840	33061822	32828295	32992319	0.43	cps
Yttrium	89-2	3787198	3708843	3563471	3686504	3.08	cps
Zinc	66-2	17760	17545	17099	17468	1.93	cps
Zirconium	90-1	9098	3367	2725	5064	69.30	cps
Zirconium	91-1	617	592	458	556	15.32	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5742	5440	5664	5615	2.79	cps
Antimony	121-1	975	992	1050	1006	3.92	cps
Arsenic	75-2	182	174	210	189	10.02	cps
Barium	135-1	126060	126734	128835	127210	1.14	cps
Barium	137-1	215705	221368	219100	218724	1.30	cps
Beryllium	9-1	68	72	102	81	23.03	cps
Bismuth	209-1	8899150	8580006	8827323	8768826	1.91	cps
Bismuth	209-2	4789000	4660206	4667223	4705476	1.54	cps
Boron	10-1	17867	18376	18396	18213	1.64	cps
Boron	11-1	84387	87142	88321	86616	2.33	cps
Bromine	81-1	91027	102324	108144	100498	8.66	cps
Cadmium	111-1	5757	5821	5762	5780	0.62	cps
Cadmium	106-1	8161	8186	8153	8167	0.21	cps
Cadmium	108-1	50	54	46	50	8.34	cps
Calcium	43-1	1188486	1201506	1184139	1191377	0.76	cps
Calcium	44-1	19625231	19368273	19470627	19488044	0.66	cps
Carbon	12-1	13166680	14473826	15081368	14240625	6.87	cps
Carbon	12-2	155730	153751	162796	157425	3.02	cps
Chlorine	35-1	3521863	3583561	3576865	3560763	0.95	cps
Chlorine	35-2	26174	25815	26575	26188	1.45	cps
Chromium	52-2	1973	1877	1890	1913	2.74	cps
Cobalt	59-2	830	827	743	800	6.14	cps
Copper	63-2	6305	6345	6412	6354	0.85	cps
Dysprosium	156-1	267	283	325	292	10.30	cps
Dysprosium	156-2	147	123	187	152	21.04	cps
Erbium	164-1	275	408	275	319	24.10	cps
Erbium	164-2	167	140	147	151	9.18	cps
Gadolinium	160-1	517	433	425	458	11.06	cps
Gadolinium	160-2	210	270	270	250	13.86	cps
Holmium	165-1	14650585	15328606	15295596	15091596	2.53	cps
Holmium	165-2	6936218	6956870	6894473	6929187	0.46	cps
Indium	115-1	13867645	13911477	13587959	13789027	1.27	cps
Indium	115-2	2136121	2132441	2042590	2103717	2.52	cps
Iron	54-2	21906	21650	21784	21780	0.59	cps
Iron	56-2	398599	389046	401533	396393	1.65	cps
Iron	57-2	9859	10360	10159	10126	2.49	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	913	1100	972	11.39	cps
Lead	206-1	2595	2439	2489	2508	3.17	cps
Lead	207-1	2350	2272	2428	2350	3.31	cps
Lead	208-1	10474	10246	10480	10400	1.28	cps
Lithium	6-1	4880644	4684593	4679147	4748128	2.42	cps
Magnesium	24-2	2616839	2576901	2624759	2606166	0.98	cps
Manganese	55-2	37693	37463	37018	37391	0.92	cps
Molybdenum	94-1	2625	2617	2625	2623	0.18	cps
Molybdenum	95-1	3576	3534	3709	3606	2.54	cps
Molybdenum	96-1	3884	4184	4251	4106	4.76	cps
Molybdenum	97-1	2109	2359	2025	2164	8.02	cps
Molybdenum	98-1	5284	5843	5885	5671	5.91	cps
Neodymium	150-1	327	327	287	313	7.37	cps
Neodymium	150-2	107	90	93	97	9.13	cps
Nickel	60-2	923	823	950	899	7.43	cps
Phosphorus	31-2	258	250	242	250	3.33	cps
Potassium	39-2	489581	474640	475863	480028	1.73	cps
Rhodium	103-1	12989802	13379630	13192007	13187146	1.48	cps
Rhodium	103-2	5852308	5782699	5782612	5805873	0.69	cps
Scandium	45-1	10409433	10128514	10372550	10303499	1.48	cps
Scandium	45-2	307433	300938	301147	303173	1.22	cps
Selenium	82-1	120	145	-53	70	153.20	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	90	81	80	84	6.58	cps
Silicon	28-1	24768482	25791209	24760294	25106662	2.36	cps
Silver	107-1	808	750	792	783	3.84	cps
Silver	109-1	725	608	617	650	10.01	cps
Sodium	23-2	13293300	13219110	13164797	13225736	0.49	cps
Strontium	86-1	651871	649215	651395	650827	0.22	cps
Strontium	88-1	5685305	5754298	5676430	5705345	0.75	cps
Sulfur	34-1	816919	809647	807389	811318	0.61	cps
Terbium	159-1	16528723	16159146	16267542	16318470	1.16	cps
Terbium	159-2	6838083	6888340	6859379	6861934	0.37	cps
Thallium	203-1	783	642	808	744	12.07	cps
Thallium	205-1	1792	1617	1809	1739	6.11	cps
Tin	118-1	2159	2234	1967	2120	6.49	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M4063-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:14:05	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3050	3517	3509	3359	7.95	cps
Uranium	238-1	8453	8978	8261	8564	4.34	cps
Vanadium	51-2	2167	1900	1947	2005	7.11	cps
Ytterbium	172-1	208	158	325	231	37.10	cps
Ytterbium	172-2	128	83	122	111	21.79	cps
Ytterbium	176-1	1909	1692	1892	1831	6.59	cps
Ytterbium	176-2	2345	2834	2495	2558	9.79	cps
Yttrium	89-1	33455865	33191065	32751912	33132947	1.07	cps
Yttrium	89-2	3593817	3491059	3494471	3526449	1.66	cps
Zinc	66-2	12532	12526	12320	12459	0.97	cps
Zirconium	90-1	1959	2009	2025	1997	1.74	cps
Zirconium	91-1	358	392	450	400	11.60	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCV63 Instrumnet Name : P8
 Client Sample ID : CCV63 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 14:25:49 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4509012	4529549	4507613	4515391	0.27	cps
Antimony	121-1	5555389	5511199	5466239	5510942	0.81	cps
Arsenic	75-2	165058	165869	165867	165598	0.28	cps
Barium	135-1	7178508	7233892	7292773	7235057	0.79	cps
Barium	137-1	12024057	12488072	12293842	12268657	1.90	cps
Beryllium	9-1	1467687	1484209	1500215	1484037	1.10	cps
Bismuth	209-1	8197654	8163921	8102707	8154761	0.59	cps
Bismuth	209-2	4284211	3742621	4202369	4076400	7.16	cps
Boron	10-1	154271	159942	163849	159354	3.02	cps
Boron	11-1	724454	764948	771488	753630	3.38	cps
Bromine	81-1	27676	26863	27415	27318	1.52	cps
Cadmium	111-1	1546183	1562737	1580816	1563245	1.11	cps
Cadmium	106-1	264777	265246	266572	265532	0.35	cps
Cadmium	108-1	144187	146297	146697	145727	0.93	cps
Calcium	43-1	10999659	11035413	10755997	10930356	1.39	cps
Calcium	44-1	174427887	181764655	178004990	178065844	2.06	cps
Carbon	12-1	10130650	10727934	11357275	10738620	5.71	cps
Carbon	12-2	123870	125366	130721	126652	2.84	cps
Chlorine	35-1	2224517	2155688	2111384	2163863	2.63	cps
Chlorine	35-2	15042	14316	13548	14302	5.22	cps
Chromium	52-2	1877138	1889677	1846415	1871077	1.19	cps
Cobalt	59-2	3225921	3304383	3228052	3252785	1.37	cps
Copper	63-2	23889934	23987950	23870195	23916026	0.26	cps
Dysprosium	156-1	1583	1475	1492	1517	3.85	cps
Dysprosium	156-2	790	660	650	700	11.16	cps
Erbium	164-1	408	392	325	375	11.76	cps
Erbium	164-2	113	127	160	133	18.02	cps
Gadolinium	160-1	1508	1633	1792	1645	8.64	cps
Gadolinium	160-2	847	877	807	843	4.16	cps
Holmium	165-1	15076842	15246216	15225777	15182945	0.61	cps
Holmium	165-2	6771414	6004012	6614738	6463388	6.27	cps
Indium	115-1	13323391	12831057	12742049	12965499	2.42	cps
Indium	115-2	1965172	1712459	1962475	1880035	7.72	cps
Iron	54-2	19567471	19931053	19823594	19774039	0.94	cps
Iron	56-2	357994386	363493986	359080964	360189778	0.81	cps
Iron	57-2	9046143	9269650	9048386	9121393	1.41	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:25:49	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	1023	977	963	7.02	cps
Lead	206-1	20037271	20093388	19832139	19987599	0.69	cps
Lead	207-1	17684342	17778064	17610975	17691127	0.47	cps
Lead	208-1	80865822	81171579	79379198	80472200	1.19	cps
Lithium	6-1	4636895	4544357	4634454	4605235	1.15	cps
Magnesium	24-2	64926047	65525004	62843199	64431417	2.18	cps
Manganese	55-2	9334950	9515719	9369407	9406692	1.02	cps
Molybdenum	94-1	30649710	31480637	30929065	31019804	1.36	cps
Molybdenum	95-1	17050674	17456871	17187227	17231591	1.20	cps
Molybdenum	96-1	21629146	22236769	22250604	22038840	1.61	cps
Molybdenum	97-1	10364040	10627127	10679082	10556750	1.60	cps
Molybdenum	98-1	26845601	27365526	27809169	27340099	1.76	cps
Neodymium	150-1	387	433	433	418	6.45	cps
Neodymium	150-2	83	100	100	94	10.19	cps
Nickel	60-2	930830	929928	922903	927887	0.47	cps
Phosphorus	31-2	49418	49686	49284	49463	0.41	cps
Potassium	39-2	25058958	25565873	25233289	25286040	1.02	cps
Rhodium	103-1	11968403	11961129	12003524	11977686	0.19	cps
Rhodium	103-2	5256775	4655484	5277498	5063252	6.98	cps
Scandium	45-1	10009093	9866795	9866458	9914115	0.83	cps
Scandium	45-2	306210	270138	302988	293112	6.81	cps
Selenium	82-1	109632	110958	110259	110283	0.60	cps
Selenium	77-2	3350	3487	3160	3333	4.92	cps
Selenium	78-2	11211	11341	11192	11248	0.72	cps
Silicon	28-1	5149484	5275727	5378543	5267918	2.18	cps
Silver	107-1	7617655	7583759	7514599	7572004	0.69	cps
Silver	109-1	6958875	7216428	7072714	7082672	1.82	cps
Sodium	23-2	121463865	122133419	123502607	122366631	0.85	cps
Strontium	86-1	11079001	10820101	10792786	10897296	1.45	cps
Strontium	88-1	94119810	94687673	94230415	94345966	0.32	cps
Sulfur	34-1	1006743	1015814	1015379	1012645	0.51	cps
Terbium	159-1	15762971	15846761	15349369	15653033	1.70	cps
Terbium	159-2	6762224	5932681	6736859	6477254	7.28	cps
Thallium	203-1	4878183	5031257	4851772	4920404	1.97	cps
Thallium	205-1	11481892	11714043	11322546	11506160	1.71	cps
Tin	118-1	5075554	4986747	5018156	5026819	0.90	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:25:49	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5101600	5195832	5169558	5155663	0.94	cps
Uranium	238-1	15789882	15706859	15521061	15672601	0.88	cps
Vanadium	51-2	1463779	1497160	1439271	1466737	1.98	cps
Ytterbium	172-1	75	67	58	67	12.50	cps
Ytterbium	172-2	33	28	22	28	20.00	cps
Ytterbium	176-1	94128	96277	95378	95261	1.13	cps
Ytterbium	176-2	45763	46404	45445	45871	1.06	cps
Yttrium	89-1	32107158	32227388	31847688	32060745	0.61	cps
Yttrium	89-2	3457100	3025793	3442518	3308470	7.40	cps
Zinc	66-2	2693387	2701829	2683754	2692990	0.34	cps
Zirconium	90-1	59059378	60067312	59512237	59546309	0.85	cps
Zirconium	91-1	12971134	13295335	13174050	13146840	1.25	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176	149	175	167	9.32	cps
Antimony	121-1	408	408	508	442	13.07	cps
Arsenic	75-2	10	9	5	8	33.07	cps
Barium	135-1	75	83	75	78	6.19	cps
Barium	137-1	150	142	100	131	20.52	cps
Beryllium	9-1	90	68	78	79	14.00	cps
Bismuth	209-1	8460197	8601036	8582879	8548037	0.90	cps
Bismuth	209-2	4825426	4937308	4758467	4840401	1.87	cps
Boron	10-1	4828	4936	4908	4891	1.15	cps
Boron	11-1	23372	23198	22032	22867	3.19	cps
Bromine	81-1	27365	27004	25870	26746	2.92	cps
Cadmium	111-1	5220	5147	5425	5264	2.74	cps
Cadmium	106-1	7402	7294	7727	7474	3.02	cps
Cadmium	108-1	58	42	54	51	16.87	cps
Calcium	43-1	496	457	447	467	5.51	cps
Calcium	44-1	53407	52889	52894	53063	0.56	cps
Carbon	12-1	5933558	5996989	5959010	5963186	0.54	cps
Carbon	12-2	57731	56241	59455	57809	2.78	cps
Chlorine	35-1	2472193	2373631	2191680	2345835	6.07	cps
Chlorine	35-2	14249	13790	13465	13835	2.85	cps
Chromium	52-2	1187	1260	1253	1233	3.29	cps
Cobalt	59-2	73	83	93	83	12.00	cps
Copper	63-2	1193	1160	1330	1228	7.34	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	92	125	83	100	22.04	cps
Erbium	164-2	33	43	40	39	13.09	cps
Gadolinium	160-1	67	100	92	86	20.14	cps
Gadolinium	160-2	57	50	40	49	17.16	cps
Holmium	165-1	14549709	14343056	14468658	14453808	0.72	cps
Holmium	165-2	6907901	7349207	7001959	7086356	3.28	cps
Indium	115-1	13095298	12861315	13181537	13046050	1.27	cps
Indium	115-2	2133589	2244593	2100114	2159432	3.50	cps
Iron	54-2	900	828	861	863	4.19	cps
Iron	56-2	7374	7258	7174	7269	1.38	cps
Iron	57-2	150	161	161	157	4.08	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	900	907	947	7.94	cps
Lead	206-1	2022	2045	2011	2026	0.84	cps
Lead	207-1	1922	1800	1806	1843	3.75	cps
Lead	208-1	8457	8351	8151	8320	1.87	cps
Lithium	6-1	4564649	4469513	4535135	4523099	1.08	cps
Magnesium	24-2	608	692	608	636	7.56	cps
Manganese	55-2	283	227	240	250	11.85	cps
Molybdenum	94-1	783	850	767	800	5.51	cps
Molybdenum	95-1	533	358	333	408	26.69	cps
Molybdenum	96-1	700	508	717	642	18.04	cps
Molybdenum	97-1	250	267	283	267	6.25	cps
Molybdenum	98-1	750	567	683	667	13.92	cps
Neodymium	150-1	0	7	33	13	132.27	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	140	157	147	148	5.68	cps
Phosphorus	31-2	117	83	142	114	25.69	cps
Potassium	39-2	23486	23854	23695	23678	0.78	cps
Rhodium	103-1	12735051	12750866	12729523	12738480	0.09	cps
Rhodium	103-2	5913095	6344469	5875937	6044500	4.31	cps
Scandium	45-1	9785941	9651460	9784200	9740534	0.79	cps
Scandium	45-2	299889	321990	295724	305868	4.62	cps
Selenium	82-1	-52	62	63	24	270.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	76	83	82	6.79	cps
Silicon	28-1	489804	494560	497869	494078	0.82	cps
Silver	107-1	1850	1817	1650	1772	6.05	cps
Silver	109-1	1992	1558	1500	1683	15.96	cps
Sodium	23-2	50780	51901	51483	51388	1.10	cps
Strontium	86-1	2009	1658	1617	1761	12.22	cps
Strontium	88-1	1492	1342	1467	1433	5.61	cps
Sulfur	34-1	385727	387670	394703	389366	1.21	cps
Terbium	159-1	15068206	15201934	14703998	14991379	1.72	cps
Terbium	159-2	6885183	7221887	6727296	6944789	3.64	cps
Thallium	203-1	1000	1275	1042	1106	13.41	cps
Thallium	205-1	2542	2684	2700	2642	3.29	cps
Tin	118-1	1183	1158	1400	1247	10.66	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 14:34:52	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	217	300	275	18.43	cps
Uranium	238-1	75	75	133	94	35.66	cps
Vanadium	51-2	27	27	27	27	0.00	cps
Ytterbium	172-1	50	8	17	25	88.19	cps
Ytterbium	172-2	17	6	6	9	69.24	cps
Ytterbium	176-1	1817	1583	1675	1692	6.95	cps
Ytterbium	176-2	2739	3173	2806	2906	8.03	cps
Yttrium	89-1	31861553	31787887	31907395	31852278	0.19	cps
Yttrium	89-2	3518076	3742269	3541614	3600653	3.42	cps
Zinc	66-2	646	649	672	656	2.20	cps
Zirconium	90-1	1842	1642	1967	1817	9.03	cps
Zirconium	91-1	342	383	383	369	6.51	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : PB139389BL Instrumnet Name : P8
 Client Sample ID : PB139389BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 15:11:23 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	162	184	171	6.49	cps
Antimony	121-1	383	158	142	228	59.27	cps
Arsenic	75-2	7	6	6	6	9.12	cps
Barium	135-1	400	100	117	206	82.05	cps
Barium	137-1	1009	142	117	423	120.29	cps
Beryllium	9-1	64	52	38	51	25.35	cps
Bismuth	209-1	8813270	8197127	8206157	8405518	4.20	cps
Bismuth	209-2	4580651	4451659	4858463	4630258	4.49	cps
Boron	10-1	1180	1136	1154	1156	1.91	cps
Boron	11-1	5396	5148	5244	5263	2.38	cps
Bromine	81-1	26061	25690	25931	25894	0.73	cps
Cadmium	111-1	5448	5022	4964	5145	5.13	cps
Cadmium	106-1	7627	7144	7060	7277	4.21	cps
Cadmium	108-1	83	29	46	53	52.57	cps
Calcium	43-1	520	446	417	461	11.46	cps
Calcium	44-1	43057	42031	41920	42336	1.48	cps
Carbon	12-1	5845716	5822167	5881637	5849840	0.51	cps
Carbon	12-2	60032	57514	58207	58584	2.22	cps
Chlorine	35-1	2468422	2335201	2173735	2325786	6.34	cps
Chlorine	35-2	15575	14925	14324	14941	4.19	cps
Chromium	52-2	1300	1110	1163	1191	8.23	cps
Cobalt	59-2	80	100	107	96	14.52	cps
Copper	63-2	1153	1107	1270	1177	7.15	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	67	67	78	24.74	cps
Erbium	164-2	37	67	30	44	43.95	cps
Gadolinium	160-1	117	67	142	108	35.25	cps
Gadolinium	160-2	93	50	60	68	33.47	cps
Holmium	165-1	15197181	14228886	14377603	14601223	3.57	cps
Holmium	165-2	6666219	6662118	7206181	6844839	4.57	cps
Indium	115-1	13302881	12920535	12882480	13035299	1.78	cps
Indium	115-2	2075088	2062949	2215779	2117939	4.01	cps
Iron	54-2	833	794	894	841	6.00	cps
Iron	56-2	6596	7085	6791	6824	3.61	cps
Iron	57-2	200	206	222	209	5.53	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BL	Instrumnet Name :	P8
Client Sample ID :	PB139389BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:11:23	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1000	977	977	2.39	cps
Lead	206-1	1928	1395	1500	1608	17.58	cps
Lead	207-1	1456	1206	1372	1345	9.47	cps
Lead	208-1	7185	5784	5951	6306	12.13	cps
Lithium	6-1	4586745	4323967	4390559	4433757	3.08	cps
Magnesium	24-2	542	442	625	536	17.12	cps
Manganese	55-2	287	280	287	284	1.35	cps
Molybdenum	94-1	6022	550	583	2385	132.05	cps
Molybdenum	95-1	5400	192	158	1917	157.39	cps
Molybdenum	96-1	4504	242	242	1662	148.03	cps
Molybdenum	97-1	2213	100	125	813	149.24	cps
Molybdenum	98-1	5731	225	325	2094	150.47	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	113	127	127	10.52	cps
Phosphorus	31-2	83	33	100	72	48.04	cps
Potassium	39-2	22426	21542	22301	22090	2.17	cps
Rhodium	103-1	13377525	12775205	12628985	12927238	3.07	cps
Rhodium	103-2	5791696	5723312	6111524	5875511	3.53	cps
Scandium	45-1	10204428	9590816	9862795	9886013	3.11	cps
Scandium	45-2	299785	303776	323608	309056	4.13	cps
Selenium	82-1	-15	-76	-17	-36	-96.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	92	82	89	88	5.85	cps
Silicon	28-1	492029	482683	483097	485936	1.09	cps
Silver	107-1	550	792	675	672	17.98	cps
Silver	109-1	567	592	750	636	15.63	cps
Sodium	23-2	38702	37323	36922	37649	2.48	cps
Strontium	86-1	6762	1725	1642	3376	86.85	cps
Strontium	88-1	46550	992	1283	16275	161.10	cps
Sulfur	34-1	425571	430960	432366	429632	0.83	cps
Terbium	159-1	15667466	15122115	14829257	15206279	2.80	cps
Terbium	159-2	6706475	6645415	7171758	6841216	4.21	cps
Thallium	203-1	650	742	675	689	6.88	cps
Thallium	205-1	2019	1375	1492	1628	21.05	cps
Tin	118-1	1917	1183	1300	1467	26.88	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BL	Instrumnet Name :	P8
Client Sample ID :	PB139389BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:11:23	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	300	217	300	27.78	cps
Uranium	238-1	283	67	83	144	83.48	cps
Vanadium	51-2	3	7	23	11	96.43	cps
Ytterbium	172-1	42	58	25	42	40.00	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	1417	1417	1558	1464	5.59	cps
Ytterbium	176-2	2778	2939	3300	3006	8.90	cps
Yttrium	89-1	33706219	31358555	32245507	32436760	3.65	cps
Yttrium	89-2	3527265	3534706	3746431	3602800	3.45	cps
Zinc	66-2	739	652	625	672	8.84	cps
Zirconium	90-1	7012	1450	1450	3304	97.19	cps
Zirconium	91-1	1552	317	275	714	101.53	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882245	869037	861088	870790	1.23	cps
Antimony	121-1	5527842	5542403	5680504	5583583	1.51	cps
Arsenic	75-2	166312	166429	162226	164989	1.45	cps
Barium	135-1	7134511	7061436	7346798	7180915	2.06	cps
Barium	137-1	12422122	12252085	12491991	12388733	1.00	cps
Beryllium	9-1	1439392	1458481	1439656	1445843	0.76	cps
Bismuth	209-1	8396501	8250288	7246751	7964513	7.86	cps
Bismuth	209-2	4605152	4470326	4476831	4517436	1.68	cps
Boron	10-1	133892	142057	146154	140701	4.44	cps
Boron	11-1	639797	670867	698813	669826	4.41	cps
Bromine	81-1	25590	24928	23614	24711	4.07	cps
Cadmium	111-1	1497954	1487991	1556495	1514147	2.44	cps
Cadmium	106-1	168431	164568	169653	167551	1.58	cps
Cadmium	108-1	110858	110166	111631	110885	0.66	cps
Calcium	43-1	2496795	2457702	2611684	2522060	3.17	cps
Calcium	44-1	40024141	39282798	41430916	40245952	2.71	cps
Carbon	12-1	7111410	7462916	7283823	7286050	2.41	cps
Carbon	12-2	76533	75612	75620	75922	0.70	cps
Chlorine	35-1	2132035	2048198	2023160	2067798	2.76	cps
Chlorine	35-2	14099	13723	12147	13323	7.77	cps
Chromium	52-2	1899455	1881837	1898575	1893289	0.52	cps
Cobalt	59-2	3303161	3269034	3274501	3282232	0.56	cps
Copper	63-2	24955404	24831690	24879038	24888711	0.25	cps
Dysprosium	156-1	242	292	183	239	22.70	cps
Dysprosium	156-2	120	127	100	116	12.01	cps
Erbium	164-1	133	133	75	114	29.57	cps
Erbium	164-2	60	67	60	62	6.19	cps
Gadolinium	160-1	350	358	275	328	14.00	cps
Gadolinium	160-2	150	187	153	163	12.41	cps
Holmium	165-1	14388890	15084005	12978729	14150541	7.58	cps
Holmium	165-2	7033453	6980458	6765005	6926305	2.05	cps
Indium	115-1	13186149	12953223	11234103	12457825	8.56	cps
Indium	115-2	2083118	2047614	2063514	2064748	0.86	cps
Iron	54-2	4206738	4077828	4044469	4109678	2.09	cps
Iron	56-2	73208227	71968663	71672327	72283072	1.13	cps
Iron	57-2	1861233	1880919	1878501	1873551	0.57	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	967	920	963	4.34	cps
Lead	206-1	19960428	20412723	19986420	20119857	1.26	cps
Lead	207-1	17310830	17494187	17637618	17480879	0.94	cps
Lead	208-1	79924116	79846499	81040539	80270385	0.83	cps
Lithium	6-1	4339626	4472966	4223459	4345350	2.87	cps
Magnesium	24-2	13097047	13173121	12601345	12957171	2.40	cps
Manganese	55-2	9416929	9196268	9027063	9213420	2.12	cps
Molybdenum	94-1	13813328	13799103	13593745	13735392	0.89	cps
Molybdenum	95-1	16609727	16583128	16767112	16653322	0.60	cps
Molybdenum	96-1	18479964	18505414	19003151	18662843	1.58	cps
Molybdenum	97-1	10102378	10180215	10199501	10160698	0.51	cps
Molybdenum	98-1	26498351	26776969	27037947	26771089	1.01	cps
Neodymium	150-1	300	347	367	338	10.13	cps
Neodymium	150-2	20	30	10	20	50.00	cps
Nickel	60-2	865624	859315	844264	856401	1.28	cps
Phosphorus	31-2	29564	31385	28779	29909	4.47	cps
Potassium	39-2	5290051	5132039	5178272	5200121	1.56	cps
Rhodium	103-1	12674599	12709275	11164545	12182806	7.24	cps
Rhodium	103-2	5697461	5658360	5570303	5642041	1.15	cps
Scandium	45-1	10035366	10075870	8886442	9665892	6.99	cps
Scandium	45-2	304974	300635	299309	301639	0.98	cps
Selenium	82-1	113233	112964	114181	113459	0.56	cps
Selenium	77-2	3520	3437	3334	3430	2.73	cps
Selenium	78-2	11581	11391	11415	11462	0.90	cps
Silicon	28-1	5061767	5299364	5382458	5247863	3.17	cps
Silver	107-1	7870623	7789726	8127300	7929216	2.22	cps
Silver	109-1	7537788	7523477	7570444	7543903	0.32	cps
Sodium	23-2	24527930	24923138	24352911	24601326	1.19	cps
Strontium	86-1	21582007	21955285	21573764	21703685	1.00	cps
Strontium	88-1	188497717	191148129	185709962	188451936	1.44	cps
Sulfur	34-1	887208	887083	884857	886383	0.15	cps
Terbium	159-1	15599107	15422225	13933695	14985009	6.10	cps
Terbium	159-2	6813083	6833412	6911771	6852755	0.76	cps
Thallium	203-1	4901783	4927462	5062654	4963966	1.74	cps
Thallium	205-1	11432174	11666414	11657965	11585517	1.15	cps
Tin	118-1	4976715	4858684	5163732	4999710	3.08	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389BS	Instrumnet Name :	P8
Client Sample ID :	PB139389BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 15:14:23	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5308198	5186785	5332876	5275953	1.48	cps
Uranium	238-1	15049568	14584621	15334402	14989530	2.52	cps
Vanadium	51-2	1484358	1469544	1434594	1462832	1.75	cps
Ytterbium	172-1	50	58	50	53	9.12	cps
Ytterbium	172-2	22	33	22	26	24.74	cps
Ytterbium	176-1	22395	22712	22236	22447	1.08	cps
Ytterbium	176-2	12261	12523	12050	12278	1.93	cps
Yttrium	89-1	32335260	32317580	29282235	31311691	5.61	cps
Yttrium	89-2	3560141	3525234	3462960	3516112	1.40	cps
Zinc	66-2	2799781	2799759	2770216	2789919	0.61	cps
Zirconium	90-1	11879338	11960315	11952522	11930725	0.37	cps
Zirconium	91-1	2719859	2714226	2672838	2702308	0.95	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	159	160	142	154	6.35	cps
Antimony	121-1	375	358	650	461	35.52	cps
Arsenic	75-2	2	8	8	6	57.74	cps
Barium	135-1	58	50	117	75	48.44	cps
Barium	137-1	183	83	125	131	38.47	cps
Beryllium	9-1	58	60	36	51	25.95	cps
Bismuth	209-1	7927411	7981902	7863227	7924180	0.75	cps
Bismuth	209-2	4494295	4527923	4389154	4470457	1.62	cps
Boron	10-1	3476	3144	3136	3252	5.97	cps
Boron	11-1	16290	15343	14907	15513	4.56	cps
Bromine	81-1	26182	25449	25700	25777	1.44	cps
Cadmium	111-1	4635	4793	4545	4658	2.70	cps
Cadmium	106-1	6627	6743	6452	6607	2.22	cps
Cadmium	108-1	71	21	67	53	52.57	cps
Calcium	43-1	437	409	461	436	6.03	cps
Calcium	44-1	43290	43335	42886	43170	0.57	cps
Carbon	12-1	5633395	5704350	5584914	5640886	1.06	cps
Carbon	12-2	56074	56920	56652	56549	0.76	cps
Chlorine	35-1	2218899	2070902	2035961	2108587	4.61	cps
Chlorine	35-2	13991	14041	12973	13668	4.41	cps
Chromium	52-2	1230	1183	1137	1183	3.94	cps
Cobalt	59-2	90	100	83	91	9.21	cps
Copper	63-2	1347	1273	1147	1256	8.06	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	67	58	61	7.88	cps
Erbium	164-2	30	80	43	51	50.66	cps
Gadolinium	160-1	108	50	75	78	37.63	cps
Gadolinium	160-2	27	53	70	50	43.71	cps
Holmium	165-1	13795520	14437149	13633851	13955507	3.04	cps
Holmium	165-2	6630920	6628278	6587973	6615724	0.36	cps
Indium	115-1	12223104	12608082	12627154	12486114	1.83	cps
Indium	115-2	2077166	2090998	2093516	2087227	0.42	cps
Iron	54-2	744	750	867	787	8.77	cps
Iron	56-2	6557	6446	6913	6639	3.67	cps
Iron	57-2	133	122	194	150	25.93	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	930	847	934	9.64	cps
Lead	206-1	1461	1622	1722	1602	8.22	cps
Lead	207-1	1450	1433	1333	1406	4.49	cps
Lead	208-1	6601	6373	6762	6579	2.97	cps
Lithium	6-1	4244679	4258064	4162480	4221741	1.23	cps
Magnesium	24-2	517	467	675	553	19.68	cps
Manganese	55-2	223	217	257	232	9.23	cps
Molybdenum	94-1	767	642	792	733	10.96	cps
Molybdenum	95-1	600	317	333	417	38.16	cps
Molybdenum	96-1	525	533	475	511	6.17	cps
Molybdenum	97-1	292	192	217	233	22.31	cps
Molybdenum	98-1	583	508	625	572	10.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	137	157	144	7.42	cps
Phosphorus	31-2	83	92	183	119	46.45	cps
Potassium	39-2	20498	21533	21500	21177	2.78	cps
Rhodium	103-1	12287954	12126809	11977218	12130660	1.28	cps
Rhodium	103-2	5731853	5810108	5662455	5734806	1.29	cps
Scandium	45-1	9196413	9436645	9298094	9310384	1.30	cps
Scandium	45-2	293058	302342	302396	299265	1.80	cps
Selenium	82-1	-85	4	145	21	545.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	82	92	87	5.75	cps
Silicon	28-1	486073	488018	483867	485986	0.43	cps
Silver	107-1	992	1075	1050	1039	4.12	cps
Silver	109-1	833	933	967	911	7.62	cps
Sodium	23-2	38326	38134	38652	38370	0.68	cps
Strontium	86-1	1517	1859	1800	1725	10.60	cps
Strontium	88-1	2050	1733	1525	1770	14.94	cps
Sulfur	34-1	386051	389926	393771	389916	0.99	cps
Terbium	159-1	14383071	14700698	14250451	14444740	1.60	cps
Terbium	159-2	6626491	6673189	6703774	6667818	0.58	cps
Thallium	203-1	658	750	733	714	6.84	cps
Thallium	205-1	2067	1875	1667	1870	10.70	cps
Tin	118-1	1242	1367	1592	1400	12.67	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	PB139389TB	Instrumnet Name :	P8
Client Sample ID :	PB139389TB	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:22:33	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	267	308	283	7.78	cps
Uranium	238-1	142	58	108	103	40.81	cps
Vanadium	51-2	30	23	23	26	15.07	cps
Ytterbium	172-1	25	33	25	28	17.31	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	1383	1508	1375	1422	5.25	cps
Ytterbium	176-2	2461	2767	2700	2643	6.08	cps
Yttrium	89-1	31315991	31365052	29826600	30835881	2.84	cps
Yttrium	89-2	3466472	3532059	3519674	3506068	0.99	cps
Zinc	66-2	526	525	669	573	14.45	cps
Zirconium	90-1	1383	1542	1558	1495	6.46	cps
Zirconium	91-1	300	258	192	250	21.86	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:25:33 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451104	444772	449041	448306	0.72	cps
Antimony	121-1	2717	4051	4851	3873	27.84	cps
Arsenic	75-2	329	327	315	324	2.34	cps
Barium	135-1	58552	60084	58871	59169	1.37	cps
Barium	137-1	103705	104377	103705	103929	0.37	cps
Beryllium	9-1	410	438	418	422	3.42	cps
Bismuth	209-1	8330890	8507065	8136480	8324812	2.23	cps
Bismuth	209-2	4480733	4403859	4521615	4468736	1.34	cps
Boron	10-1	73383	79629	80532	77848	5.00	cps
Boron	11-1	358180	374887	391033	374700	4.38	cps
Bromine	81-1	24807	27515	26723	26349	5.28	cps
Cadmium	111-1	5625	5508	5654	5596	1.38	cps
Cadmium	106-1	7786	7519	7561	7622	1.88	cps
Cadmium	108-1	83	79	67	76	11.35	cps
Calcium	43-1	2289824	2297757	2284237	2290606	0.30	cps
Calcium	44-1	37432125	37514398	37453491	37466671	0.11	cps
Carbon	12-1	6452053	6637669	6578630	6556117	1.45	cps
Carbon	12-2	69415	68000	68393	68603	1.06	cps
Chlorine	35-1	112465057	138250832	156636199	135784029	16.34	cps
Chlorine	35-2	1363828	1461685	1536576	1454030	5.96	cps
Chromium	52-2	12609	12893	12629	12710	1.25	cps
Cobalt	59-2	116762	114852	115480	115698	0.84	cps
Copper	63-2	83380	82300	83031	82904	0.66	cps
Dysprosium	156-1	31989	31655	31379	31674	0.96	cps
Dysprosium	156-2	14027	14068	14104	14066	0.27	cps
Erbium	164-1	40788	41332	39568	40563	2.23	cps
Erbium	164-2	17495	16711	17091	17099	2.29	cps
Gadolinium	160-1	34453	34437	33844	34245	1.01	cps
Gadolinium	160-2	17462	16944	16734	17047	2.20	cps
Holmium	165-1	14914758	14856026	14133129	14634637	2.97	cps
Holmium	165-2	6654415	6604616	6780004	6679679	1.35	cps
Indium	115-1	13440633	13063685	13190591	13231637	1.45	cps
Indium	115-2	2047356	2020492	2091642	2053163	1.75	cps
Iron	54-2	7247273	7285563	7326462	7286433	0.54	cps
Iron	56-2	132286120	132941820	132086178	132438039	0.34	cps
Iron	57-2	3447012	3388803	3365395	3400403	1.24	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:25:33	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1120	1133	1119	1.34	cps
Lead	206-1	4907	4996	5574	5159	7.02	cps
Lead	207-1	4079	4251	4712	4347	7.54	cps
Lead	208-1	19173	20551	21730	20485	6.25	cps
Lithium	6-1	4195687	3990017	4097390	4094365	2.51	cps
Magnesium	24-2	2572169	2445840	2521913	2513307	2.53	cps
Manganese	55-2	1800729	1739303	1754603	1764878	1.81	cps
Molybdenum	94-1	2517	2750	2367	2545	7.59	cps
Molybdenum	95-1	683	675	692	683	1.22	cps
Molybdenum	96-1	4251	4292	4309	4284	0.70	cps
Molybdenum	97-1	450	317	342	369	19.18	cps
Molybdenum	98-1	792	692	850	778	10.30	cps
Neodymium	150-1	35280	36530	34010	35273	3.57	cps
Neodymium	150-2	11772	11678	11749	11733	0.41	cps
Nickel	60-2	22067	22030	21837	21978	0.56	cps
Phosphorus	31-2	958	825	908	897	7.51	cps
Potassium	39-2	121232	121972	123458	122221	0.93	cps
Rhodium	103-1	13088406	12600453	12573890	12754249	2.27	cps
Rhodium	103-2	5594194	5648750	5794058	5679001	1.82	cps
Scandium	45-1	9976560	9812901	10017373	9935612	1.09	cps
Scandium	45-2	308065	306923	309830	308273	0.48	cps
Selenium	82-1	79	39	29	49	53.64	cps
Selenium	77-2	90	67	70	76	16.70	cps
Selenium	78-2	159	145	136	147	7.90	cps
Silicon	28-1	62739364	61100397	60762601	61534121	1.72	cps
Silver	107-1	2184	2459	2384	2342	6.07	cps
Silver	109-1	2217	2242	2634	2364	9.89	cps
Sodium	23-2	7538150	7125242	7155912	7273101	3.16	cps
Strontium	86-1	561981	573766	559887	565212	1.32	cps
Strontium	88-1	4923371	4982570	5001108	4969016	0.82	cps
Sulfur	34-1	4739824	4827392	4841815	4803011	1.15	cps
Terbium	159-1	15601175	15225506	14948242	15258308	2.15	cps
Terbium	159-2	6701949	6597713	6696912	6665525	0.88	cps
Thallium	203-1	2009	2917	4026	2984	33.86	cps
Thallium	205-1	5660	6910	9746	7439	28.14	cps
Tin	118-1	4151	4701	5360	4737	12.78	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:25:33	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1708	1700	1683	1697	0.75	cps
Uranium	238-1	22512	22495	22120	22376	0.99	cps
Vanadium	51-2	147165	149095	149920	148727	0.95	cps
Ytterbium	172-1	13782	13265	13073	13374	2.74	cps
Ytterbium	172-2	6735	6624	6613	6657	1.02	cps
Ytterbium	176-1	10112	9670	9479	9754	3.33	cps
Ytterbium	176-2	6985	6580	6474	6680	4.04	cps
Yttrium	89-1	33446404	33390235	33177200	33337946	0.43	cps
Yttrium	89-2	3569946	3551069	3611246	3577420	0.86	cps
Zinc	66-2	76445	76240	76158	76281	0.19	cps
Zirconium	90-1	5743	6026	6035	5935	2.80	cps
Zirconium	91-1	1492	1217	1158	1289	13.81	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:28:29 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439059	439127	431477	436555	1.01	cps
Antimony	121-1	2992	3267	3626	3295	9.64	cps
Arsenic	75-2	320	321	317	319	0.65	cps
Barium	135-1	59255	60244	60545	60015	1.12	cps
Barium	137-1	107299	108282	103177	106252	2.55	cps
Beryllium	9-1	456	444	372	424	10.72	cps
Bismuth	209-1	8614932	8737086	8290882	8547633	2.70	cps
Bismuth	209-2	4460825	4413163	4316045	4396678	1.68	cps
Boron	10-1	74580	77190	81383	77718	4.42	cps
Boron	11-1	371950	390021	399092	387021	3.57	cps
Bromine	81-1	26623	27485	27335	27148	1.70	cps
Cadmium	111-1	5879	5980	6312	6057	3.74	cps
Cadmium	106-1	7786	8003	8236	8008	2.81	cps
Cadmium	108-1	54	121	100	92	37.21	cps
Calcium	43-1	2371724	2380970	2305243	2352645	1.76	cps
Calcium	44-1	38855951	38045081	38361735	38420922	1.06	cps
Carbon	12-1	5820760	6067334	6152110	6013401	2.86	cps
Carbon	12-2	62651	64267	61378	62765	2.31	cps
Chlorine	35-1	175201158	188326079	199172254	187566497	6.40	cps
Chlorine	35-2	1592031	1616113	1607575	1605240	0.76	cps
Chromium	52-2	11605	11832	11938	11792	1.44	cps
Cobalt	59-2	114372	113337	112961	113557	0.64	cps
Copper	63-2	83953	82595	83866	83471	0.91	cps
Dysprosium	156-1	32732	32382	32139	32418	0.92	cps
Dysprosium	156-2	14261	13917	13874	14017	1.51	cps
Erbium	164-1	40863	41332	41273	41156	0.62	cps
Erbium	164-2	17842	17628	16851	17440	2.99	cps
Gadolinium	160-1	35164	34654	34754	34857	0.77	cps
Gadolinium	160-2	16590	16964	16647	16734	1.20	cps
Holmium	165-1	14885744	15577911	14762928	15075528	2.91	cps
Holmium	165-2	6576724	6669377	6557550	6601217	0.91	cps
Indium	115-1	14068335	13861405	13110151	13679964	3.69	cps
Indium	115-2	2077876	2016026	2023187	2039030	1.66	cps
Iron	54-2	7206726	7206902	7232498	7215375	0.21	cps
Iron	56-2	132434853	132288567	128669375	131130932	1.63	cps
Iron	57-2	3383942	3294605	3328692	3335746	1.35	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:28:29 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	1070	1157	1121	4.05	cps
Lead	206-1	6507	6357	6524	6463	1.42	cps
Lead	207-1	4929	5412	5301	5214	4.86	cps
Lead	208-1	24543	25688	25338	25190	2.33	cps
Lithium	6-1	4194539	4043067	4006699	4081435	2.44	cps
Magnesium	24-2	2526105	2496986	2469549	2497547	1.13	cps
Manganese	55-2	1712878	1738481	1736506	1729288	0.82	cps
Molybdenum	94-1	2967	3159	3150	3092	3.50	cps
Molybdenum	95-1	900	792	942	878	8.82	cps
Molybdenum	96-1	4534	4551	4651	4579	1.38	cps
Molybdenum	97-1	625	442	600	556	17.90	cps
Molybdenum	98-1	1267	1192	967	1142	13.68	cps
Neodymium	150-1	36730	37225	37325	37094	0.86	cps
Neodymium	150-2	11465	11121	11028	11205	2.05	cps
Nickel	60-2	21790	21393	22137	21773	1.71	cps
Phosphorus	31-2	875	883	683	814	13.90	cps
Potassium	39-2	119636	123215	119687	120846	1.70	cps
Rhodium	103-1	13080670	13272965	12884985	13079540	1.48	cps
Rhodium	103-2	5831147	5798224	5669386	5766252	1.48	cps
Scandium	45-1	10695432	10255893	9936196	10295840	3.70	cps
Scandium	45-2	303584	304760	306126	304823	0.42	cps
Selenium	82-1	44	86	35	55	49.18	cps
Selenium	77-2	43	80	73	66	29.80	cps
Selenium	78-2	144	144	152	147	3.15	cps
Silicon	28-1	58932985	61097895	60802514	60277798	1.95	cps
Silver	107-1	2742	3534	3592	3289	14.44	cps
Silver	109-1	2675	3459	3000	3045	12.93	cps
Sodium	23-2	7383626	7313016	7030607	7242416	2.58	cps
Strontium	86-1	561896	570592	558687	563725	1.09	cps
Strontium	88-1	4970161	4947761	4987122	4968348	0.40	cps
Sulfur	34-1	4792383	4844240	4904754	4847126	1.16	cps
Terbium	159-1	16176336	15505054	15167264	15616218	3.29	cps
Terbium	159-2	6587786	6322926	6626911	6512541	2.54	cps
Thallium	203-1	4101	4818	5360	4759	13.27	cps
Thallium	205-1	9070	10696	12949	10905	17.86	cps
Tin	118-1	6360	7102	7352	6938	7.44	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:28:29	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2275	1725	2075	2025	13.75	cps
Uranium	238-1	22496	22729	22938	22721	0.97	cps
Vanadium	51-2	150388	146845	143899	147044	2.21	cps
Ytterbium	172-1	12940	13048	13140	13043	0.77	cps
Ytterbium	172-2	6535	6769	6730	6678	1.87	cps
Ytterbium	176-1	9729	9754	9304	9595	2.64	cps
Ytterbium	176-2	6535	6529	6557	6541	0.22	cps
Yttrium	89-1	34725770	34597036	33792451	34371753	1.47	cps
Yttrium	89-2	3585910	3633036	3524302	3581082	1.52	cps
Zinc	66-2	75311	76797	75368	75825	1.11	cps
Zirconium	90-1	6802	7085	7077	6988	2.31	cps
Zirconium	91-1	1533	1533	1600	1556	2.47	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14LDLX25 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 25
 Date & Time Acquired :: 2021-10-05 15:31:22 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89704	90181	90522	90136	0.46	cps
Antimony	121-1	7469	7152	7044	7222	3.06	cps
Arsenic	75-2	251	251	290	264	8.53	cps
Barium	135-1	20416	20099	20474	20330	0.99	cps
Barium	137-1	32790	33434	33141	33122	0.97	cps
Beryllium	9-1	1380	1540	1360	1426	6.92	cps
Bismuth	209-1	9657402	8474797	8753992	8962064	6.90	cps
Bismuth	209-2	4506871	4412966	4435476	4451771	1.10	cps
Boron	10-1	21668	21814	22172	21885	1.19	cps
Boron	11-1	108394	111919	111965	110760	1.85	cps
Bromine	81-1	25409	25901	27024	26111	3.17	cps
Cadmium	111-1	7939	7682	7272	7631	4.41	cps
Cadmium	106-1	8828	8311	7969	8369	5.17	cps
Cadmium	108-1	213	283	229	242	15.33	cps
Calcium	43-1	446121	447699	450722	448181	0.52	cps
Calcium	44-1	7613222	7352583	7395327	7453711	1.88	cps
Carbon	12-1	5694125	5708067	5772198	5724797	0.73	cps
Carbon	12-2	61814	59379	61329	60841	2.12	cps
Chlorine	35-1	61174116	62638397	63379906	62397473	1.80	cps
Chlorine	35-2	481223	467574	452758	467185	3.05	cps
Chromium	52-2	5534	5461	5705	5567	2.24	cps
Cobalt	59-2	25813	25847	26518	26060	1.53	cps
Copper	63-2	47790	46910	47222	47307	0.94	cps
Dysprosium	156-1	6177	6118	6160	6152	0.49	cps
Dysprosium	156-2	2687	2630	2537	2618	2.89	cps
Erbium	164-1	7219	8503	8470	8064	9.08	cps
Erbium	164-2	3277	3150	3387	3272	3.62	cps
Gadolinium	160-1	6260	6969	6702	6644	5.39	cps
Gadolinium	160-2	3260	3324	3350	3312	1.40	cps
Holmium	165-1	16585438	15212609	15157767	15651938	5.17	cps
Holmium	165-2	6579181	6582912	6565272	6575788	0.14	cps
Indium	115-1	15194157	13416508	13529549	14046738	7.09	cps
Indium	115-2	2077560	2040413	2085568	2067847	1.17	cps
Iron	54-2	1457305	1415962	1455075	1442780	1.61	cps
Iron	56-2	25688393	25766944	25898617	25784651	0.41	cps
Iron	57-2	635853	622078	637419	631783	1.34	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDLX25	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	25
Date & Time Acquired ::	2021-10-05 15:31:22	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1050	867	984	10.38	cps
Lead	206-1	24373	24201	24496	24356	0.61	cps
Lead	207-1	21846	21262	21301	21470	1.52	cps
Lead	208-1	97248	95415	96318	96327	0.95	cps
Lithium	6-1	4201237	3869499	3994221	4021652	4.17	cps
Magnesium	24-2	544105	545534	548580	546073	0.42	cps
Manganese	55-2	333307	336204	332554	334022	0.58	cps
Molybdenum	94-1	34243	34369	34185	34265	0.27	cps
Molybdenum	95-1	18838	18838	19698	19125	2.60	cps
Molybdenum	96-1	24848	25182	24096	24709	2.25	cps
Molybdenum	97-1	11538	11513	11697	11583	0.86	cps
Molybdenum	98-1	29223	30392	30518	30044	2.38	cps
Neodymium	150-1	6702	6955	6762	6806	1.95	cps
Neodymium	150-2	2214	2214	2247	2225	0.87	cps
Nickel	60-2	5311	5244	5591	5382	3.42	cps
Phosphorus	31-2	358	308	317	328	8.17	cps
Potassium	39-2	69986	71034	72256	71092	1.60	cps
Rhodium	103-1	14626871	12884112	13303927	13604970	6.69	cps
Rhodium	103-2	5952476	5805523	5736264	5831421	1.89	cps
Scandium	45-1	11377196	9876942	10040081	10431406	7.89	cps
Scandium	45-2	309990	306401	306383	307591	0.68	cps
Selenium	82-1	100	146	313	186	60.22	cps
Selenium	77-2	23	20	27	23	14.29	cps
Selenium	78-2	112	103	107	107	4.20	cps
Silicon	28-1	11427597	11861139	11778635	11689124	1.97	cps
Silver	107-1	9920	10596	10254	10257	3.29	cps
Silver	109-1	8703	8845	9362	8970	3.87	cps
Sodium	23-2	1636822	1594729	1622536	1618029	1.32	cps
Strontium	86-1	121337	125276	125537	124050	1.90	cps
Strontium	88-1	1030170	1062249	1057727	1050049	1.65	cps
Sulfur	34-1	1288350	1290399	1255246	1277998	1.54	cps
Terbium	159-1	16753783	15308643	15639779	15900735	4.76	cps
Terbium	159-2	6675817	6584337	6437892	6566016	1.83	cps
Thallium	203-1	7177	7127	7161	7155	0.36	cps
Thallium	205-1	17562	17321	17546	17476	0.77	cps
Tin	118-1	7219	7861	7244	7441	4.89	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDLX25	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	25
Date & Time Acquired ::	2021-10-05 15:31:22	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6126	6452	5910	6163	4.43	cps
Uranium	238-1	18990	20651	21444	20361	6.15	cps
Vanadium	51-2	30128	30012	30579	30240	0.99	cps
Ytterbium	172-1	2700	2892	2917	2837	4.18	cps
Ytterbium	172-2	1228	1161	1245	1211	3.64	cps
Ytterbium	176-1	3125	3017	3426	3189	6.63	cps
Ytterbium	176-2	3017	3234	3178	3143	3.58	cps
Yttrium	89-1	37060045	33428875	34101639	34863520	5.54	cps
Yttrium	89-2	3648683	3540515	3523003	3570734	1.91	cps
Zinc	66-2	18827	18499	18618	18648	0.89	cps
Zirconium	90-1	65571	66694	66753	66339	1.00	cps
Zirconium	91-1	15000	14233	14792	14675	2.70	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:34:20 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625036	619029	620236	621433	0.51	cps
Antimony	121-1	1836633	1856015	1851474	1848040	0.55	cps
Arsenic	75-2	58581	58472	58406	58486	0.15	cps
Barium	135-1	1646197	1684869	1648332	1659800	1.31	cps
Barium	137-1	2864933	2867540	2820692	2851055	0.92	cps
Beryllium	9-1	258622	258066	252913	256534	1.23	cps
Bismuth	209-1	7614795	8070888	8610984	8098889	6.16	cps
Bismuth	209-2	4402598	4224288	4317070	4314652	2.07	cps
Boron	10-1	97451	103474	103592	101506	3.46	cps
Boron	11-1	488900	521471	528794	513055	4.14	cps
Bromine	81-1	26382	27034	26603	26673	1.24	cps
Cadmium	111-1	349459	360014	356949	355474	1.53	cps
Cadmium	106-1	43327	43394	43553	43425	0.27	cps
Cadmium	108-1	25678	25136	24960	25258	1.48	cps
Calcium	43-1	2869787	2842342	2819004	2843711	0.89	cps
Calcium	44-1	46053182	46941175	46349275	46447877	0.97	cps
Carbon	12-1	5873909	5877008	5788109	5846342	0.86	cps
Carbon	12-2	62576	60526	64961	62688	3.54	cps
Chlorine	35-1	144654920	163215449	170088400	159319590	8.26	cps
Chlorine	35-2	1419543	1412358	1472414	1434771	2.29	cps
Chromium	52-2	493961	500527	494823	496437	0.72	cps
Cobalt	59-2	854801	841254	849097	848384	0.80	cps
Copper	63-2	5526440	5589218	5530401	5548686	0.63	cps
Dysprosium	156-1	66960	66918	65596	66492	1.17	cps
Dysprosium	156-2	17131	17458	17765	17452	1.82	cps
Erbium	164-1	39225	40730	39033	39663	2.34	cps
Erbium	164-2	17088	16761	16811	16886	1.04	cps
Gadolinium	160-1	34512	33610	33601	33908	1.54	cps
Gadolinium	160-2	16707	16530	16440	16559	0.82	cps
Holmium	165-1	13163731	14516320	15082956	14254335	6.92	cps
Holmium	165-2	6658996	6463733	6611469	6578066	1.55	cps
Indium	115-1	11842005	12909623	13979662	12910430	8.28	cps
Indium	115-2	2018598	1979597	2004654	2000950	0.99	cps
Iron	54-2	8100735	7770146	7824539	7898473	2.24	cps
Iron	56-2	146708092	141978259	141842737	143509696	1.93	cps
Iron	57-2	3601175	3692366	3623639	3639060	1.31	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:34:20 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1150	1143	1145	0.44	cps
Lead	206-1	4517022	4523361	4545339	4528574	0.33	cps
Lead	207-1	3978727	3989730	3974896	3981118	0.19	cps
Lead	208-1	18178520	18085766	18223955	18162747	0.39	cps
Lithium	6-1	3598437	3783033	3939763	3773744	4.53	cps
Magnesium	24-2	4977317	4780839	4987371	4915175	2.37	cps
Manganese	55-2	3793440	3694935	3611738	3700038	2.46	cps
Molybdenum	94-1	4341497	4434880	4283319	4353232	1.76	cps
Molybdenum	95-1	6275274	6416773	6247161	6313069	1.44	cps
Molybdenum	96-1	6863413	7036594	6779448	6893152	1.90	cps
Molybdenum	97-1	3871822	3963855	3814361	3883346	1.94	cps
Molybdenum	98-1	9898765	10241402	9790742	9976969	2.36	cps
Neodymium	150-1	35862	36263	35347	35824	1.28	cps
Neodymium	150-2	11298	11302	10891	11164	2.11	cps
Nickel	60-2	268004	264615	267621	266747	0.70	cps
Phosphorus	31-2	3409	3551	3784	3581	5.29	cps
Potassium	39-2	1436761	1379984	1409723	1408822	2.02	cps
Rhodium	103-1	11364543	12519273	13097409	12327075	7.16	cps
Rhodium	103-2	5622636	5704759	5604748	5644048	0.94	cps
Scandium	45-1	9128204	9890401	10455930	9824845	6.78	cps
Scandium	45-2	307295	302345	303854	304498	0.83	cps
Selenium	82-1	65268	64912	64688	64956	0.45	cps
Selenium	77-2	2087	1823	1907	1939	6.94	cps
Selenium	78-2	6518	6529	6494	6514	0.27	cps
Silicon	28-1	59610497	58666595	58126866	58801319	1.28	cps
Silver	107-1	2261432	2314775	2366828	2314345	2.28	cps
Silver	109-1	2219278	2222883	2189438	2210533	0.83	cps
Sodium	23-2	12080227	11777967	12052173	11970122	1.40	cps
Strontium	86-1	4854222	4704826	4743230	4767426	1.63	cps
Strontium	88-1	41740025	40733787	41888348	41454053	1.52	cps
Sulfur	34-1	4862747	4739855	4718353	4773652	1.63	cps
Terbium	159-1	14080296	15154299	15783931	15006175	5.74	cps
Terbium	159-2	6516562	6442600	6471032	6476731	0.58	cps
Thallium	203-1	2702650	2857052	2729176	2762959	2.99	cps
Thallium	205-1	6360447	6452353	6474080	6428960	0.94	cps
Tin	118-1	1700869	1689814	1724679	1705121	1.04	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:34:20	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1961658	1882233	1889753	1911215	2.29	cps
Uranium	238-1	2882200	2855131	2847611	2861647	0.64	cps
Vanadium	51-2	507598	498946	501200	502581	0.89	cps
Ytterbium	172-1	13424	12757	13149	13110	2.56	cps
Ytterbium	172-2	6607	5901	6324	6278	5.66	cps
Ytterbium	176-1	9629	9812	9354	9598	2.40	cps
Ytterbium	176-2	6007	6124	6496	6209	4.11	cps
Yttrium	89-1	30648505	32143309	34286093	32359302	5.65	cps
Yttrium	89-2	3538334	3492107	3448577	3493006	1.29	cps
Zinc	66-2	664845	658504	654807	659385	0.77	cps
Zirconium	90-1	2227276	2256542	2264324	2249381	0.87	cps
Zirconium	91-1	474764	485153	474823	478247	1.25	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDDLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:37:13 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	631150	613982	602051	615728	2.38	cps
Antimony	121-1	1836626	1896415	1911994	1881678	2.11	cps
Arsenic	75-2	58291	57582	57788	57887	0.63	cps
Barium	135-1	1632570	1628417	1674222	1645070	1.54	cps
Barium	137-1	2826482	2789501	2892328	2836104	1.84	cps
Beryllium	9-1	249077	240770	245034	244960	1.70	cps
Bismuth	209-1	8440516	8785068	8232561	8486048	3.29	cps
Bismuth	209-2	4469695	4323358	4298403	4363819	2.12	cps
Boron	10-1	100702	104794	106808	104101	2.99	cps
Boron	11-1	522832	525779	556064	534891	3.44	cps
Bromine	81-1	26433	26562	27856	26950	2.92	cps
Cadmium	111-1	345460	354397	352158	350672	1.33	cps
Cadmium	106-1	43620	42466	43177	43088	1.35	cps
Cadmium	108-1	25436	25303	25244	25328	0.39	cps
Calcium	43-1	2817146	2700023	2841518	2786229	2.71	cps
Calcium	44-1	46316739	46921474	46818499	46685571	0.69	cps
Carbon	12-1	5631060	5696159	5933761	5753660	2.77	cps
Carbon	12-2	63095	61990	62811	62632	0.92	cps
Chlorine	35-1	169225079	182820629	187311583	179785764	5.24	cps
Chlorine	35-2	1511209	1538500	1491767	1513825	1.55	cps
Chromium	52-2	493212	484678	484274	487388	1.04	cps
Cobalt	59-2	854341	833688	830412	839480	1.55	cps
Copper	63-2	5563623	5523468	5528507	5538533	0.39	cps
Dysprosium	156-1	67924	67144	65989	67019	1.45	cps
Dysprosium	156-2	17722	17475	17185	17460	1.54	cps
Erbium	164-1	38933	40496	41023	40151	2.71	cps
Erbium	164-2	16787	16731	16614	16711	0.53	cps
Gadolinium	160-1	34295	34671	35239	34735	1.37	cps
Gadolinium	160-2	16390	16337	16150	16292	0.77	cps
Holmium	165-1	14914721	16020411	14851450	15262194	4.31	cps
Holmium	165-2	6584722	6603452	6526666	6571614	0.61	cps
Indium	115-1	13543233	14055444	13002784	13533820	3.89	cps
Indium	115-2	1959618	1966409	1962550	1962859	0.17	cps
Iron	54-2	8138705	7943508	7759484	7947233	2.39	cps
Iron	56-2	144348381	141000875	141292898	142214051	1.30	cps
Iron	57-2	3579572	3604930	3563106	3582536	0.59	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:37:13	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	1167	1220	1151	6.76	cps
Lead	206-1	4675120	4657255	4547624	4626666	1.49	cps
Lead	207-1	4080112	3900803	4048793	4009902	2.39	cps
Lead	208-1	18311411	17724288	18180556	18072085	1.71	cps
Lithium	6-1	3877010	3628462	3913869	3806447	4.08	cps
Magnesium	24-2	5091584	4993144	4809732	4964820	2.88	cps
Manganese	55-2	3752063	3607283	3601864	3653737	2.33	cps
Molybdenum	94-1	4449217	4404023	4451687	4434976	0.61	cps
Molybdenum	95-1	6450831	6298473	6229310	6326205	1.79	cps
Molybdenum	96-1	6948254	6774766	6911042	6878021	1.33	cps
Molybdenum	97-1	3967296	3920831	3930963	3939697	0.62	cps
Molybdenum	98-1	10196925	10108411	9941795	10082377	1.28	cps
Neodymium	150-1	36082	34692	35186	35320	2.00	cps
Neodymium	150-2	11228	11081	11505	11272	1.91	cps
Nickel	60-2	271233	263467	264516	266405	1.58	cps
Phosphorus	31-2	3892	3509	2884	3428	14.85	cps
Potassium	39-2	1447197	1350139	1329331	1375555	4.57	cps
Rhodium	103-1	12758294	13630085	12436758	12941712	4.77	cps
Rhodium	103-2	5637251	5670541	5641714	5649836	0.32	cps
Scandium	45-1	10150899	10738785	9927818	10272501	4.08	cps
Scandium	45-2	312911	299991	297002	303301	2.79	cps
Selenium	82-1	64556	65102	65289	64982	0.59	cps
Selenium	77-2	1847	1897	1933	1892	2.30	cps
Selenium	78-2	6417	6382	6404	6401	0.28	cps
Silicon	28-1	57435345	57120893	58941078	57832439	1.68	cps
Silver	107-1	2299176	2363426	2365946	2342850	1.62	cps
Silver	109-1	2198746	2222585	2206143	2209158	0.55	cps
Sodium	23-2	12046194	11924705	11669482	11880127	1.62	cps
Strontium	86-1	4830080	4850902	4822099	4834360	0.31	cps
Strontium	88-1	41525254	41615826	41136900	41425993	0.61	cps
Sulfur	34-1	4634971	4580303	4685880	4633718	1.14	cps
Terbium	159-1	15607466	16200471	14889112	15565683	4.22	cps
Terbium	159-2	6561472	6501999	6377362	6480278	1.45	cps
Thallium	203-1	2707963	2836842	2687132	2743979	2.96	cps
Thallium	205-1	6413958	6378495	6494312	6428921	0.92	cps
Tin	118-1	1703756	1708667	1730214	1714212	0.82	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:37:13	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1928263	1932855	1928043	1929720	0.14	cps
Uranium	238-1	2789899	2904854	2870415	2855056	2.07	cps
Vanadium	51-2	499317	503866	493589	498924	1.03	cps
Ytterbium	172-1	13574	12882	13149	13201	2.65	cps
Ytterbium	172-2	6646	6463	6391	6500	2.03	cps
Ytterbium	176-1	9837	9228	10179	9748	4.94	cps
Ytterbium	176-2	5707	6296	6379	6127	5.98	cps
Yttrium	89-1	34244726	35787241	33526650	34519539	3.35	cps
Yttrium	89-2	3540565	3522304	3534090	3532320	0.26	cps
Zinc	66-2	653958	648156	653022	651712	0.48	cps
Zirconium	90-1	2246025	2234195	2205862	2228694	0.93	cps
Zirconium	91-1	483816	473613	480978	479469	1.10	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:40:09 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	604281	600373	599613	601422	0.42	cps
Antimony	121-1	1815479	1855263	1841176	1837306	1.10	cps
Arsenic	75-2	57333	56567	56546	56815	0.79	cps
Barium	135-1	1640792	1656458	1642070	1646440	0.53	cps
Barium	137-1	2757156	2779652	2777588	2771465	0.45	cps
Beryllium	9-1	239209	241182	239893	240094	0.42	cps
Bismuth	209-1	8424743	8409420	8384384	8406183	0.24	cps
Bismuth	209-2	4337451	4278081	4014993	4210175	4.08	cps
Boron	10-1	103133	103528	104775	103812	0.83	cps
Boron	11-1	518223	522032	540984	527080	2.31	cps
Bromine	81-1	27586	26111	26172	26623	3.13	cps
Cadmium	111-1	346066	351887	353679	350544	1.14	cps
Cadmium	106-1	42307	42993	42249	42516	0.97	cps
Cadmium	108-1	25148	25361	25027	25179	0.67	cps
Calcium	43-1	2791308	2796183	2914061	2833850	2.45	cps
Calcium	44-1	45460689	46858790	46087775	46135751	1.52	cps
Carbon	12-1	5755222	5506451	5788629	5683434	2.71	cps
Carbon	12-2	60977	59455	60425	60286	1.28	cps
Chlorine	35-1	172663012	184405517	190891863	182653464	5.06	cps
Chlorine	35-2	1586866	1567971	1576363	1577067	0.60	cps
Chromium	52-2	486231	479372	484411	483338	0.74	cps
Cobalt	59-2	838029	805749	815902	819893	2.01	cps
Copper	63-2	5537751	5479612	5291609	5436324	2.37	cps
Dysprosium	156-1	64850	66065	65561	65492	0.93	cps
Dysprosium	156-2	16747	17041	17121	16970	1.16	cps
Erbium	164-1	39158	39644	39727	39510	0.78	cps
Erbium	164-2	16514	16550	16390	16485	0.51	cps
Gadolinium	160-1	34044	34153	34888	34362	1.34	cps
Gadolinium	160-2	16293	16203	16477	16325	0.85	cps
Holmium	165-1	14663626	14801419	14638303	14701116	0.60	cps
Holmium	165-2	6529012	6506883	6000484	6345459	4.71	cps
Indium	115-1	13104919	13475977	13218422	13266439	1.43	cps
Indium	115-2	1957829	1994114	1818837	1923593	4.81	cps
Iron	54-2	7599793	7661694	7782920	7681469	1.21	cps
Iron	56-2	137916925	142248642	137294728	139153432	1.94	cps
Iron	57-2	3581783	3577524	3563008	3574105	0.28	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 15:40:09 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1113	1163	1113	4.49	cps
Lead	206-1	4482128	4525547	4666913	4558196	2.12	cps
Lead	207-1	3942693	3929312	4116402	3996136	2.61	cps
Lead	208-1	17761660	17928249	18423037	18037648	1.91	cps
Lithium	6-1	3604739	3760425	3639792	3668319	2.23	cps
Magnesium	24-2	4844712	4753376	4933601	4843896	1.86	cps
Manganese	55-2	3586018	3660999	3573774	3606930	1.31	cps
Molybdenum	94-1	4319863	4394688	4323129	4345893	0.97	cps
Molybdenum	95-1	6186359	6335189	6137786	6219778	1.65	cps
Molybdenum	96-1	6644386	6855492	6695579	6731819	1.64	cps
Molybdenum	97-1	3743792	3805654	3809047	3786165	0.97	cps
Molybdenum	98-1	9723637	9839035	9724206	9762293	0.68	cps
Neodymium	150-1	34424	36136	34552	35037	2.72	cps
Neodymium	150-2	10831	10698	10898	10809	0.94	cps
Nickel	60-2	264242	259085	264194	262507	1.13	cps
Phosphorus	31-2	3234	3217	3400	3284	3.09	cps
Potassium	39-2	1368235	1339399	1346294	1351309	1.11	cps
Rhodium	103-1	12565896	12720092	12420122	12568703	1.19	cps
Rhodium	103-2	5699806	5688797	5258578	5549060	4.53	cps
Scandium	45-1	10008293	10104417	10094746	10069152	0.53	cps
Scandium	45-2	298995	293904	277659	290186	3.84	cps
Selenium	82-1	63549	64425	64261	64079	0.73	cps
Selenium	77-2	1927	1990	1927	1948	1.88	cps
Selenium	78-2	6407	6232	6277	6305	1.44	cps
Silicon	28-1	57980995	55849974	57386028	57072333	1.93	cps
Silver	107-1	2238585	2318079	2291674	2282779	1.77	cps
Silver	109-1	2155394	2177075	2187680	2173383	0.76	cps
Sodium	23-2	11711671	11710078	11663812	11695187	0.23	cps
Strontium	86-1	4743982	4771460	4776629	4764024	0.37	cps
Strontium	88-1	40512607	40719325	41163196	40798376	0.81	cps
Sulfur	34-1	4690087	4710845	4520940	4640624	2.24	cps
Terbium	159-1	15651945	15658146	15687866	15665986	0.12	cps
Terbium	159-2	6474827	6483751	5882023	6280200	5.49	cps
Thallium	203-1	2678530	2762959	2713930	2718473	1.56	cps
Thallium	205-1	6216619	6397999	6479693	6364770	2.12	cps
Tin	118-1	1706427	1705818	1691153	1701133	0.51	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:40:09	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1844383	1880336	1897961	1874227	1.46	cps
Uranium	238-1	2888355	2901992	2841213	2877187	1.11	cps
Vanadium	51-2	491611	490437	486564	489537	0.54	cps
Ytterbium	172-1	12848	13007	13107	12987	1.00	cps
Ytterbium	172-2	6296	6024	6385	6235	3.02	cps
Ytterbium	176-1	9645	10213	10071	9976	2.96	cps
Ytterbium	176-2	6229	6235	6174	6213	0.54	cps
Yttrium	89-1	33037794	33174978	33764095	33325622	1.16	cps
Yttrium	89-2	3534672	3574657	3285759	3465029	4.52	cps
Zinc	66-2	645374	641054	633016	639815	0.98	cps
Zirconium	90-1	2179017	2210704	2214699	2201473	0.89	cps
Zirconium	91-1	469860	475717	472304	472627	0.62	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-16DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-02I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:43:02	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255060	253689	254718	254489	0.28	cps
Antimony	121-1	3626	3751	3951	3776	4.34	cps
Arsenic	75-2	241	254	267	254	5.12	cps
Barium	135-1	61331	59875	61934	61047	1.73	cps
Barium	137-1	106871	106930	105134	106311	0.96	cps
Beryllium	9-1	354	336	292	327	9.74	cps
Bismuth	209-1	8656269	8450210	8328271	8478250	1.96	cps
Bismuth	209-2	4275242	4258133	4001116	4178164	3.68	cps
Boron	10-1	73241	76094	76280	75205	2.26	cps
Boron	11-1	363520	389083	394025	382209	4.28	cps
Bromine	81-1	26172	26312	26593	26359	0.81	cps
Cadmium	111-1	5251	5699	5724	5558	4.79	cps
Cadmium	106-1	7119	7602	7702	7474	4.18	cps
Cadmium	108-1	58	50	79	63	24.04	cps
Calcium	43-1	2554574	2605036	2550175	2569928	1.19	cps
Calcium	44-1	42170496	42396062	42408868	42325142	0.32	cps
Carbon	12-1	5698843	5669072	5450316	5606077	2.42	cps
Carbon	12-2	59496	59747	61145	60129	1.48	cps
Chlorine	35-1	181020392	192789446	199979942	191263260	5.00	cps
Chlorine	35-2	1577500	1589022	1601875	1589465	0.77	cps
Chromium	52-2	9497	9723	10054	9758	2.87	cps
Cobalt	59-2	110065	109656	110434	110052	0.35	cps
Copper	63-2	74243	74293	75158	74565	0.69	cps
Dysprosium	156-1	23196	23087	22503	22929	1.63	cps
Dysprosium	156-2	9817	9750	9664	9744	0.79	cps
Erbium	164-1	30811	30093	30669	30525	1.25	cps
Erbium	164-2	12343	12206	12126	12225	0.90	cps
Gadolinium	160-1	24340	24473	25074	24629	1.59	cps
Gadolinium	160-2	11972	12029	11802	11934	0.99	cps
Holmium	165-1	15370009	14622567	14614699	14869092	2.92	cps
Holmium	165-2	6499106	6297895	5791422	6196141	5.89	cps
Indium	115-1	13609593	13344024	13109247	13354288	1.87	cps
Indium	115-2	1912227	1942950	1749126	1868101	5.58	cps
Iron	54-2	5673820	5759989	5742301	5725370	0.79	cps
Iron	56-2	104000725	101907227	103655300	103187750	1.09	cps
Iron	57-2	2710496	2664039	2651685	2675407	1.16	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-16DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-02I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:43:02	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1087	1177	1102	6.17	cps
Lead	206-1	4234	4284	3951	4156	4.33	cps
Lead	207-1	3356	3362	3300	3339	1.01	cps
Lead	208-1	15798	16627	15921	16115	2.77	cps
Lithium	6-1	3796606	3578229	3499817	3624884	4.24	cps
Magnesium	24-2	1979708	1996364	1940925	1972332	1.44	cps
Manganese	55-2	1813350	1777195	1784591	1791712	1.07	cps
Molybdenum	94-1	3517	3259	3009	3262	7.80	cps
Molybdenum	95-1	1925	1725	1533	1728	11.34	cps
Molybdenum	96-1	4659	4826	4284	4590	6.05	cps
Molybdenum	97-1	1067	1133	900	1033	11.63	cps
Molybdenum	98-1	2550	2659	2367	2525	5.84	cps
Neodymium	150-1	24389	23701	23608	23899	1.79	cps
Neodymium	150-2	7292	7686	7602	7527	2.76	cps
Nickel	60-2	18586	18953	18435	18658	1.43	cps
Phosphorus	31-2	350	375	258	328	18.74	cps
Potassium	39-2	122081	122419	120677	121726	0.76	cps
Rhodium	103-1	12655052	12558828	12751996	12655292	0.76	cps
Rhodium	103-2	5605553	5573331	5019349	5399411	6.10	cps
Scandium	45-1	10121932	10061372	9955915	10046406	0.84	cps
Scandium	45-2	293259	292900	266998	284386	5.30	cps
Selenium	82-1	72	62	-62	24	311.16	cps
Selenium	77-2	73	27	37	46	53.93	cps
Selenium	78-2	131	110	125	122	8.87	cps
Silicon	28-1	56830945	56142758	56036087	56336596	0.77	cps
Silver	107-1	3526	2675	2192	2798	24.13	cps
Silver	109-1	2667	2667	2409	2581	5.78	cps
Sodium	23-2	8740631	8617752	8562546	8640310	1.06	cps
Strontium	86-1	653042	644722	643767	647177	0.79	cps
Strontium	88-1	5905038	5699915	5721314	5775422	1.95	cps
Sulfur	34-1	4600471	4606389	4612144	4606335	0.13	cps
Terbium	159-1	15436386	15607684	15096493	15380188	1.69	cps
Terbium	159-2	6311193	6175131	5701179	6062501	5.28	cps
Thallium	203-1	2217	2434	2634	2428	8.58	cps
Thallium	205-1	5343	5985	6610	5979	10.60	cps
Tin	118-1	6302	7427	7953	7227	11.67	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-16DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-02I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 15:43:02	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1333	1475	1750	1520	13.94	cps
Uranium	238-1	19574	19824	19315	19571	1.30	cps
Vanadium	51-2	88489	87274	87724	87829	0.70	cps
Ytterbium	172-1	10796	9946	10413	10385	4.10	cps
Ytterbium	172-2	4901	5101	4801	4934	3.10	cps
Ytterbium	176-1	8136	7794	7286	7739	5.53	cps
Ytterbium	176-2	5162	5090	5068	5107	0.97	cps
Yttrium	89-1	34216702	32978605	33123651	33439653	2.02	cps
Yttrium	89-2	3424873	3359253	3085687	3289937	5.47	cps
Zinc	66-2	72202	71520	72496	72073	0.69	cps
Zirconium	90-1	6327	5935	6268	6177	3.42	cps
Zirconium	91-1	1383	1242	1408	1345	6.69	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4188041	4296533	4228118	4237564	1.29	cps
Antimony	121-1	5470211	5594031	5454758	5506334	1.39	cps
Arsenic	75-2	169331	168484	167395	168403	0.58	cps
Barium	135-1	7320597	7257762	7321286	7299882	0.50	cps
Barium	137-1	12681446	12389706	12689563	12586905	1.36	cps
Beryllium	9-1	1288151	1315323	1309645	1304373	1.10	cps
Bismuth	209-1	8176292	8099775	7917795	8064621	1.65	cps
Bismuth	209-2	4211003	4148084	4160640	4173242	0.80	cps
Boron	10-1	134200	141127	147637	140988	4.77	cps
Boron	11-1	655883	682570	707470	681974	3.78	cps
Bromine	81-1	23534	24778	25118	24477	3.41	cps
Cadmium	111-1	1570683	1492704	1568220	1543869	2.87	cps
Cadmium	106-1	163124	165960	164405	164497	0.86	cps
Cadmium	108-1	110694	111156	110836	110895	0.21	cps
Calcium	43-1	11083333	11112704	10909672	11035236	0.99	cps
Calcium	44-1	186201840	182022442	179307547	182510610	1.90	cps
Carbon	12-1	8288407	8262174	8267315	8272632	0.17	cps
Carbon	12-2	87737	87435	85952	87041	1.10	cps
Chlorine	35-1	3899335	3778685	3616577	3764866	3.77	cps
Chlorine	35-2	24129	24154	21684	23322	6.09	cps
Chromium	52-2	1847580	1819122	1812867	1826523	1.01	cps
Cobalt	59-2	3312279	3272783	3188457	3257840	1.94	cps
Copper	63-2	24786027	24280311	24475630	24513989	1.04	cps
Dysprosium	156-1	1033	967	967	989	3.89	cps
Dysprosium	156-2	367	453	440	420	11.11	cps
Erbium	164-1	250	225	183	219	15.35	cps
Erbium	164-2	83	97	97	92	8.35	cps
Gadolinium	160-1	1075	1017	1217	1103	9.33	cps
Gadolinium	160-2	523	580	480	528	9.50	cps
Holmium	165-1	15217927	15241134	15057471	15172177	0.66	cps
Holmium	165-2	6819275	6667844	6682308	6723142	1.24	cps
Indium	115-1	12867111	13022044	12806276	12898477	0.86	cps
Indium	115-2	1949238	1952052	1908207	1936499	1.27	cps
Iron	54-2	19475780	19467968	18939189	19294312	1.59	cps
Iron	56-2	348516786	347412130	346624997	347517971	0.27	cps
Iron	57-2	8896077	8745327	8492318	8711240	2.34	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	990	857	958	9.34	cps
Lead	206-1	20307842	20172437	19570988	20017089	1.96	cps
Lead	207-1	17442945	17441746	17229782	17371491	0.71	cps
Lead	208-1	81418368	80050393	78721350	80063370	1.68	cps
Lithium	6-1	4259963	4193392	4142647	4198667	1.40	cps
Magnesium	24-2	60710501	61517120	61234362	61153994	0.67	cps
Manganese	55-2	9241547	9159615	9181733	9194298	0.46	cps
Molybdenum	94-1	13782869	13678144	14128319	13863111	1.70	cps
Molybdenum	95-1	16981914	16766386	16844990	16864430	0.65	cps
Molybdenum	96-1	18534089	18781257	18666105	18660484	0.66	cps
Molybdenum	97-1	10009897	10181831	10132965	10108231	0.88	cps
Molybdenum	98-1	26194245	26769870	26160035	26374717	1.30	cps
Neodymium	150-1	280	340	320	313	9.75	cps
Neodymium	150-2	13	43	33	30	50.92	cps
Nickel	60-2	861910	843845	852030	852595	1.06	cps
Phosphorus	31-2	29013	27669	28070	28250	2.44	cps
Potassium	39-2	25071190	24777119	24404447	24750919	1.35	cps
Rhodium	103-1	12086707	12243521	11940419	12090216	1.25	cps
Rhodium	103-2	5370263	5228876	5268257	5289132	1.38	cps
Scandium	45-1	9969809	9726237	9910246	9868764	1.29	cps
Scandium	45-2	297022	294474	286391	292629	1.90	cps
Selenium	82-1	113311	112366	113323	113000	0.49	cps
Selenium	77-2	3184	3320	3144	3216	2.88	cps
Selenium	78-2	11333	11409	11198	11313	0.95	cps
Silicon	28-1	4784256	4867270	4959820	4870449	1.80	cps
Silver	107-1	7849832	7834315	7837051	7840399	0.11	cps
Silver	109-1	7534649	7404689	7453341	7464226	0.88	cps
Sodium	23-2	119188136	117999465	117879257	118355619	0.61	cps
Strontium	86-1	21621523	21540462	21517924	21559970	0.25	cps
Strontium	88-1	186344042	185764267	184371842	185493383	0.55	cps
Sulfur	34-1	835308	837125	829440	833958	0.48	cps
Terbium	159-1	16229374	15586814	15586016	15800734	2.35	cps
Terbium	159-2	6664813	6602221	6567567	6611533	0.75	cps
Thallium	203-1	4898626	4908386	4955683	4920898	0.62	cps
Thallium	205-1	11821277	11524329	11586673	11644093	1.34	cps
Tin	118-1	4934208	5023556	5023556	4993774	1.03	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:08:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5207559	5060121	5251582	5173087	1.94	cps
Uranium	238-1	15682596	15433324	15590595	15568838	0.81	cps
Vanadium	51-2	1459298	1414942	1414148	1429463	1.81	cps
Ytterbium	172-1	125	150	75	117	32.74	cps
Ytterbium	172-2	50	44	78	57	31.11	cps
Ytterbium	176-1	21727	23020	23346	22698	3.77	cps
Ytterbium	176-2	12400	12161	12273	12278	0.97	cps
Yttrium	89-1	33542325	32090875	32158984	32597395	2.51	cps
Yttrium	89-2	3521305	3389799	3355308	3422137	2.56	cps
Zinc	66-2	2684347	2663140	2670965	2672817	0.40	cps
Zirconium	90-1	12215425	11826615	12154688	12065576	1.73	cps
Zirconium	91-1	2728356	2684979	2705665	2706334	0.80	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 16:18:41 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	177	155	168	7.02	cps
Antimony	121-1	333	375	550	419	27.41	cps
Arsenic	75-2	8	8	7	8	7.53	cps
Barium	135-1	100	50	75	75	33.33	cps
Barium	137-1	142	117	117	125	11.55	cps
Beryllium	9-1	52	50	52	51	2.25	cps
Bismuth	209-1	8939763	6970859	7572501	7827708	12.89	cps
Bismuth	209-2	4381743	4389529	4278849	4350040	1.42	cps
Boron	10-1	4186	4218	4014	4139	2.65	cps
Boron	11-1	19948	19601	19079	19542	2.24	cps
Bromine	81-1	24727	24226	25158	24704	1.89	cps
Cadmium	111-1	5365	4262	4834	4820	11.44	cps
Cadmium	106-1	7544	5985	6760	6763	11.53	cps
Cadmium	108-1	46	21	33	33	37.50	cps
Calcium	43-1	407	419	477	435	8.65	cps
Calcium	44-1	53192	51770	52532	52498	1.36	cps
Carbon	12-1	5592243	5486961	5344831	5474679	2.27	cps
Carbon	12-2	55732	53364	53849	54315	2.30	cps
Chlorine	35-1	3335538	3119853	3088491	3181294	4.23	cps
Chlorine	35-2	20148	20448	19313	19970	2.94	cps
Chromium	52-2	1287	1150	1140	1192	6.87	cps
Cobalt	59-2	110	70	83	88	23.20	cps
Copper	63-2	1403	1493	1487	1461	3.43	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	83	58	83	75	19.25	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	58	83	133	92	41.66	cps
Gadolinium	160-2	43	67	60	57	21.21	cps
Holmium	165-1	15168530	11907423	13072152	13382702	12.35	cps
Holmium	165-2	6359572	6377877	6368955	6368801	0.14	cps
Indium	115-1	13712420	10803324	11871434	12129059	12.13	cps
Indium	115-2	1957030	1978702	1916643	1950792	1.61	cps
Iron	54-2	806	839	872	839	3.97	cps
Iron	56-2	6896	7369	7269	7178	3.47	cps
Iron	57-2	117	222	189	176	30.67	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:18:41	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	1060	953	981	7.06	cps
Lead	206-1	2122	1895	2034	2017	5.69	cps
Lead	207-1	1778	1617	1884	1759	7.63	cps
Lead	208-1	8396	7662	8107	8055	4.59	cps
Lithium	6-1	4194059	3484732	3804900	3827897	9.28	cps
Magnesium	24-2	767	700	558	675	15.76	cps
Manganese	55-2	283	243	253	260	8.01	cps
Molybdenum	94-1	750	567	542	619	18.36	cps
Molybdenum	95-1	442	317	283	347	24.04	cps
Molybdenum	96-1	633	558	533	575	9.05	cps
Molybdenum	97-1	325	217	167	236	34.28	cps
Molybdenum	98-1	675	433	383	497	31.37	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	100	123	119	14.39	cps
Phosphorus	31-2	67	92	142	100	38.19	cps
Potassium	39-2	20724	21842	19864	20810	4.77	cps
Rhodium	103-1	13235241	10506496	11525944	11755894	11.73	cps
Rhodium	103-2	5480723	5597852	5476925	5518500	1.25	cps
Scandium	45-1	9974287	7966018	8813588	8917964	11.31	cps
Scandium	45-2	284475	285161	284077	284571	0.19	cps
Selenium	82-1	25	-87	3	-20	-300.58	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	67	65	85	72	15.23	cps
Silicon	28-1	469325	467099	471089	469171	0.43	cps
Silver	107-1	1275	1375	1258	1303	4.84	cps
Silver	109-1	1325	1167	1308	1267	6.87	cps
Sodium	23-2	46734	46140	46918	46597	0.87	cps
Strontium	86-1	1692	1633	1842	1722	6.24	cps
Strontium	88-1	1792	1258	1408	1486	18.51	cps
Sulfur	34-1	394496	388979	389012	390829	0.81	cps
Terbium	159-1	15951457	12717242	13730284	14132995	11.71	cps
Terbium	159-2	6347252	6385282	6410976	6381170	0.50	cps
Thallium	203-1	642	758	708	703	8.33	cps
Thallium	205-1	1925	1775	1700	1800	6.36	cps
Tin	118-1	1400	1325	1233	1320	6.33	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:18:41	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	250	367	272	31.42	cps
Uranium	238-1	150	108	100	119	22.43	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Ytterbium	172-1	33	8	25	22	57.29	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	1625	1383	1333	1447	10.78	cps
Ytterbium	176-2	2334	2700	2423	2485	7.70	cps
Yttrium	89-1	32830335	26064326	28900352	29265005	11.61	cps
Yttrium	89-2	3274906	3329223	3286159	3296762	0.87	cps
Zinc	66-2	549	539	596	561	5.39	cps
Zirconium	90-1	1425	1408	1300	1378	4.93	cps
Zirconium	91-1	233	267	208	236	12.40	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-18DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-03I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:21:41 DataFile Name : 060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241488	241558	239909	240985	0.39	cps
Antimony	121-1	2925	3726	4001	3551	15.73	cps
Arsenic	75-2	239	225	250	238	5.26	cps
Barium	135-1	62327	63851	64237	63472	1.59	cps
Barium	137-1	108779	108073	111466	109439	1.64	cps
Beryllium	9-1	356	364	424	381	9.75	cps
Bismuth	209-1	8114571	8644757	8325789	8361706	3.19	cps
Bismuth	209-2	4366191	4412118	4410522	4396277	0.59	cps
Boron	10-1	71969	74921	75093	73994	2.37	cps
Boron	11-1	357064	379022	373828	369971	3.10	cps
Bromine	81-1	25569	26482	26512	26188	2.05	cps
Cadmium	111-1	4891	5541	5422	5284	6.55	cps
Cadmium	106-1	6652	7536	7244	7144	6.30	cps
Cadmium	108-1	88	67	58	71	21.21	cps
Calcium	43-1	2619938	2681670	2636223	2645944	1.21	cps
Calcium	44-1	42768475	44517400	43015958	43433945	2.18	cps
Carbon	12-1	5733438	6092087	5989009	5938178	3.11	cps
Carbon	12-2	59529	59354	60057	59647	0.61	cps
Chlorine	35-1	126123432	149549941	160010316	145227896	11.95	cps
Chlorine	35-2	1360827	1431298	1481754	1424626	4.26	cps
Chromium	52-2	7525	7562	7659	7582	0.91	cps
Cobalt	59-2	110865	111712	110048	110875	0.75	cps
Copper	63-2	68926	69040	66605	68191	2.02	cps
Dysprosium	156-1	21326	21802	21459	21529	1.14	cps
Dysprosium	156-2	9303	9550	9247	9367	1.72	cps
Erbium	164-1	29241	29976	30093	29770	1.55	cps
Erbium	164-2	12276	12166	12032	12158	1.00	cps
Gadolinium	160-1	23196	24173	22937	23435	2.78	cps
Gadolinium	160-2	11448	11672	11348	11490	1.44	cps
Holmium	165-1	13841047	14920274	15030049	14597124	4.50	cps
Holmium	165-2	6512609	6608643	6397013	6506088	1.63	cps
Indium	115-1	12425005	13132332	13433289	12996875	3.98	cps
Indium	115-2	2006223	2034694	2006776	2015898	0.81	cps
Iron	54-2	5916175	6102744	5825844	5948255	2.37	cps
Iron	56-2	108429644	107353800	106126436	107303293	1.07	cps
Iron	57-2	2807360	2800321	2701653	2769778	2.13	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-18DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-03I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:21:41	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1033	1153	1090	5.53	cps
Lead	206-1	3867	4090	3867	3941	3.26	cps
Lead	207-1	3317	3562	3328	3402	4.06	cps
Lead	208-1	14981	15543	15376	15300	1.88	cps
Lithium	6-1	3969506	3901746	4075148	3982133	2.19	cps
Magnesium	24-2	2110393	1977022	2010585	2032667	3.41	cps
Manganese	55-2	1865360	1847920	1857839	1857039	0.47	cps
Molybdenum	94-1	2534	2600	2517	2550	1.73	cps
Molybdenum	95-1	650	558	642	617	8.22	cps
Molybdenum	96-1	3826	3417	3367	3537	7.11	cps
Molybdenum	97-1	342	342	392	358	8.06	cps
Molybdenum	98-1	700	908	817	808	12.92	cps
Neodymium	150-1	21451	23087	21931	22156	3.80	cps
Neodymium	150-2	7305	7049	7115	7156	1.86	cps
Nickel	60-2	18242	17698	18325	18088	1.88	cps
Phosphorus	31-2	358	350	350	353	1.36	cps
Potassium	39-2	134969	137031	136836	136279	0.84	cps
Rhodium	103-1	11754662	12912370	12651116	12439383	4.88	cps
Rhodium	103-2	5652093	5599252	5562111	5604486	0.81	cps
Scandium	45-1	9544277	10412184	9997275	9984579	4.35	cps
Scandium	45-2	295288	297623	295710	296207	0.42	cps
Selenium	82-1	76	50	42	56	31.74	cps
Selenium	77-2	50	37	23	37	36.37	cps
Selenium	78-2	112	128	116	119	7.02	cps
Silicon	28-1	59489924	60483431	57796474	59256610	2.29	cps
Silver	107-1	2234	2017	1992	2081	6.39	cps
Silver	109-1	2067	1842	2042	1984	6.22	cps
Sodium	23-2	10123943	9617719	10018978	9920213	2.69	cps
Strontium	86-1	663623	669222	669599	667481	0.50	cps
Strontium	88-1	5870903	5860664	5870821	5867463	0.10	cps
Sulfur	34-1	4770698	4853275	4605116	4743029	2.66	cps
Terbium	159-1	14649238	15356930	15564257	15190142	3.16	cps
Terbium	159-2	6492291	6489828	6521617	6501245	0.27	cps
Thallium	203-1	1383	1850	1809	1681	15.37	cps
Thallium	205-1	3851	4234	5293	4459	16.75	cps
Tin	118-1	4259	4626	5543	4809	13.75	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-18DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-03I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:21:41	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1558	1400	1600	1520	6.95	cps
Uranium	238-1	19015	20058	18781	19285	3.53	cps
Vanadium	51-2	91668	90752	90416	90946	0.71	cps
Ytterbium	172-1	9345	10104	9604	9684	3.98	cps
Ytterbium	172-2	4807	4706	4690	4734	1.33	cps
Ytterbium	176-1	7878	7869	7352	7700	3.91	cps
Ytterbium	176-2	5157	5401	5234	5264	2.37	cps
Yttrium	89-1	31513865	33575530	33341963	32810452	3.44	cps
Yttrium	89-2	3535338	3501746	3457550	3498211	1.12	cps
Zinc	66-2	82465	82996	82476	82646	0.37	cps
Zirconium	90-1	6185	6177	6268	6210	0.82	cps
Zirconium	91-1	1158	1367	1367	1297	9.27	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-20DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-04I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:24:36	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299916	297079	291927	296307	1.37	cps
Antimony	121-1	2134	2759	2842	2578	15.02	cps
Arsenic	75-2	274	254	240	256	6.67	cps
Barium	135-1	69102	68550	67553	68402	1.15	cps
Barium	137-1	117013	119048	118241	118100	0.87	cps
Beryllium	9-1	356	326	328	337	4.98	cps
Bismuth	209-1	8221147	8866608	8271612	8453122	4.25	cps
Bismuth	209-2	4328838	4468217	4501647	4432901	2.07	cps
Boron	10-1	73565	77306	77358	76076	2.86	cps
Boron	11-1	360770	392681	390323	381258	4.66	cps
Bromine	81-1	26603	28007	28980	27863	4.29	cps
Cadmium	111-1	5473	6090	5754	5772	5.35	cps
Cadmium	106-1	7294	8103	7702	7700	5.25	cps
Cadmium	108-1	100	88	83	90	9.61	cps
Calcium	43-1	2792635	2791993	2771504	2785377	0.43	cps
Calcium	44-1	46511859	44872609	46280356	45888274	1.93	cps
Carbon	12-1	5688618	5589226	5634127	5637323	0.88	cps
Carbon	12-2	60918	58919	60701	60179	1.82	cps
Chlorine	35-1	171921075	186637954	198561521	185706850	7.19	cps
Chlorine	35-2	1596810	1624008	1643314	1621377	1.44	cps
Chromium	52-2	8856	9070	8779	8902	1.69	cps
Cobalt	59-2	117951	116936	114567	116485	1.49	cps
Copper	63-2	76683	75104	74417	75401	1.54	cps
Dysprosium	156-1	25266	26878	25074	25739	3.85	cps
Dysprosium	156-2	10684	10774	10544	10668	1.09	cps
Erbium	164-1	33418	33401	32749	33189	1.15	cps
Erbium	164-2	13791	14084	13370	13748	2.61	cps
Gadolinium	160-1	28047	27312	27796	27718	1.35	cps
Gadolinium	160-2	13103	13467	13594	13388	1.90	cps
Holmium	165-1	14335821	14749615	15063439	14716292	2.48	cps
Holmium	165-2	6515675	6802373	6831595	6716548	2.60	cps
Indium	115-1	12769372	13689609	13512829	13323936	3.67	cps
Indium	115-2	1983257	2037231	2141342	2053944	3.91	cps
Iron	54-2	6300838	6477739	6345900	6374826	1.44	cps
Iron	56-2	119374992	116991386	114961764	117109380	1.89	cps
Iron	57-2	3009654	3022365	2974640	3002220	0.82	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-20DLX5 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-04I Dilution Factor : 5
 Date & Time Acquired :: 2021-10-05 16:24:36 DataFile Name : 061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1133	1233	1127	1165	5.13	cps
Lead	206-1	4590	4440	4873	4634	4.75	cps
Lead	207-1	3890	3739	3973	3867	3.06	cps
Lead	208-1	17666	17894	18472	18011	2.31	cps
Lithium	6-1	3689024	3855853	3690641	3745173	2.56	cps
Magnesium	24-2	2167037	2150444	2158552	2158678	0.38	cps
Manganese	55-2	2019081	1976112	1956231	1983808	1.62	cps
Molybdenum	94-1	2700	2600	2700	2667	2.16	cps
Molybdenum	95-1	558	592	817	656	21.44	cps
Molybdenum	96-1	3951	3826	4226	4001	5.12	cps
Molybdenum	97-1	450	383	383	406	9.49	cps
Molybdenum	98-1	817	783	925	842	8.80	cps
Neodymium	150-1	26447	27883	26974	27101	2.68	cps
Neodymium	150-2	8646	8006	8379	8344	3.86	cps
Nickel	60-2	20208	20752	19731	20230	2.53	cps
Phosphorus	31-2	433	400	458	431	6.80	cps
Potassium	39-2	130883	132170	130899	131317	0.56	cps
Rhodium	103-1	12364975	12752458	12938814	12685416	2.31	cps
Rhodium	103-2	5719654	5848002	6057143	5874933	2.90	cps
Scandium	45-1	9813715	9849672	10301463	9988284	2.72	cps
Scandium	45-2	307147	310018	320319	312495	2.22	cps
Selenium	82-1	60	-35	87	37	172.55	cps
Selenium	77-2	73	40	37	50	40.55	cps
Selenium	78-2	141	107	118	122	14.22	cps
Silicon	28-1	63692666	60630312	61085749	61802909	2.67	cps
Silver	107-1	1867	1992	2434	2097	14.20	cps
Silver	109-1	1834	2009	2042	1961	5.71	cps
Sodium	23-2	9438112	9508093	9704497	9550234	1.45	cps
Strontium	86-1	715339	720549	704569	713486	1.14	cps
Strontium	88-1	6258386	6413925	6219009	6297107	1.64	cps
Sulfur	34-1	5033942	4950957	4970025	4984975	0.87	cps
Terbium	159-1	14885812	16123988	15817567	15609122	4.13	cps
Terbium	159-2	6519171	6910840	6786860	6738957	2.97	cps
Thallium	203-1	1533	2000	2192	1909	17.74	cps
Thallium	205-1	3967	4634	5360	4654	14.96	cps
Tin	118-1	5518	6227	6735	6160	9.92	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-20DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-04I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:24:36	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1992	1708	1458	1720	15.52	cps
Uranium	238-1	21652	21794	21118	21521	1.66	cps
Vanadium	51-2	106080	104807	101957	104281	2.02	cps
Ytterbium	172-1	10813	11572	10947	11111	3.65	cps
Ytterbium	172-2	5496	5301	5379	5392	1.82	cps
Ytterbium	176-1	8586	8553	8895	8678	2.17	cps
Ytterbium	176-2	5657	5685	5762	5701	0.96	cps
Yttrium	89-1	31819598	34178231	34048889	33348906	3.98	cps
Yttrium	89-2	3516594	3624529	3733680	3624934	2.99	cps
Zinc	66-2	76940	77153	76414	76836	0.50	cps
Zirconium	90-1	6802	6435	6560	6599	2.83	cps
Zirconium	91-1	1433	1308	1458	1400	5.74	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:27:30	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273186	274531	275805	274507	0.48	cps
Antimony	121-1	2000	2309	2317	2209	8.17	cps
Arsenic	75-2	249	256	254	253	1.42	cps
Barium	135-1	57356	58426	58787	58190	1.28	cps
Barium	137-1	99583	101362	100422	100456	0.89	cps
Beryllium	9-1	302	300	282	295	3.74	cps
Bismuth	209-1	8384130	8437741	8492817	8438229	0.64	cps
Bismuth	209-2	4354068	4292371	4301872	4316104	0.77	cps
Boron	10-1	71833	74568	75450	73950	2.55	cps
Boron	11-1	368162	386672	395286	383373	3.62	cps
Bromine	81-1	27806	28288	27084	27726	2.19	cps
Cadmium	111-1	5778	5318	5708	5601	4.42	cps
Cadmium	106-1	7828	7202	7677	7569	4.31	cps
Cadmium	108-1	67	75	83	75	11.11	cps
Calcium	43-1	2610161	2646991	2527186	2594780	2.36	cps
Calcium	44-1	42730568	43201586	43246162	43059438	0.66	cps
Carbon	12-1	5481015	5398802	5567905	5482574	1.54	cps
Carbon	12-2	59313	60543	59212	59689	1.24	cps
Chlorine	35-1	177126233	191328029	198076184	188843482	5.66	cps
Chlorine	35-2	1614328	1672503	1681159	1655997	2.19	cps
Chromium	52-2	8486	8473	8376	8445	0.71	cps
Cobalt	59-2	115021	114210	112870	114034	0.95	cps
Copper	63-2	70822	70119	70735	70559	0.54	cps
Dysprosium	156-1	23613	22979	24005	23532	2.20	cps
Dysprosium	156-2	10164	9914	9907	9995	1.46	cps
Erbium	164-1	30878	31271	31329	31159	0.79	cps
Erbium	164-2	12996	12746	12486	12743	2.00	cps
Gadolinium	160-1	25993	25558	25274	25608	1.41	cps
Gadolinium	160-2	12139	12486	12062	12229	1.85	cps
Holmium	165-1	14520769	15086971	14469942	14692561	2.33	cps
Holmium	165-2	6474206	6434178	6439387	6449257	0.34	cps
Indium	115-1	13297694	13486171	13460806	13414890	0.76	cps
Indium	115-2	2012126	1950387	1999266	1987260	1.64	cps
Iron	54-2	6073258	6174138	5971898	6073098	1.67	cps
Iron	56-2	110543655	109343061	109571630	109819449	0.58	cps
Iron	57-2	2875826	2845023	2804645	2841831	1.26	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:27:30	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1140	1120	1197	1152	3.45	cps
Lead	206-1	3378	3551	3884	3604	7.13	cps
Lead	207-1	2773	3028	3045	2949	5.18	cps
Lead	208-1	13609	14053	14509	14057	3.20	cps
Lithium	6-1	3599366	3455833	3449114	3501438	2.42	cps
Magnesium	24-2	2004271	2051339	2050849	2035487	1.33	cps
Manganese	55-2	1857964	1872722	1854597	1861761	0.52	cps
Molybdenum	94-1	2550	2409	2684	2548	5.40	cps
Molybdenum	95-1	675	592	667	644	7.12	cps
Molybdenum	96-1	3717	3859	3876	3817	2.28	cps
Molybdenum	97-1	350	333	325	336	3.79	cps
Molybdenum	98-1	617	733	658	669	8.83	cps
Neodymium	150-1	24850	24523	25491	24955	1.97	cps
Neodymium	150-2	7932	7696	7676	7768	1.84	cps
Nickel	60-2	18505	18395	18856	18586	1.29	cps
Phosphorus	31-2	358	392	317	356	10.57	cps
Potassium	39-2	127654	128461	129712	128609	0.81	cps
Rhodium	103-1	13294599	12955570	12683276	12977815	2.36	cps
Rhodium	103-2	5688167	5647630	5778638	5704812	1.18	cps
Scandium	45-1	10054327	9993584	10347512	10131807	1.87	cps
Scandium	45-2	305226	302363	304969	304186	0.52	cps
Selenium	82-1	1	31	-107	-25	-291.00	cps
Selenium	77-2	37	40	60	46	27.70	cps
Selenium	78-2	138	137	123	133	6.32	cps
Silicon	28-1	58183620	56126203	56881160	57063661	1.82	cps
Silver	107-1	1850	1692	2000	1847	8.35	cps
Silver	109-1	1525	1550	1984	1686	15.29	cps
Sodium	23-2	9202041	8831392	9023325	9018919	2.06	cps
Strontium	86-1	657573	654385	665342	659100	0.86	cps
Strontium	88-1	5821632	5774710	5869194	5821845	0.81	cps
Sulfur	34-1	4754197	4632924	4520604	4635908	2.52	cps
Terbium	159-1	15725146	15224091	15607449	15518895	1.69	cps
Terbium	159-2	6460849	6311758	6382398	6385002	1.17	cps
Thallium	203-1	1267	1508	1825	1533	18.26	cps
Thallium	205-1	3217	3567	4276	3687	14.63	cps
Tin	118-1	5585	7582	6969	6712	15.25	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:27:30	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1433	1542	1500	1492	3.66	cps
Uranium	238-1	20208	19549	19382	19713	2.22	cps
Vanadium	51-2	95788	97496	96453	96579	0.89	cps
Ytterbium	172-1	10479	10688	10621	10596	1.00	cps
Ytterbium	172-2	4768	5190	4801	4920	4.77	cps
Ytterbium	176-1	7869	8211	8353	8144	3.05	cps
Ytterbium	176-2	5368	5040	5535	5314	4.74	cps
Yttrium	89-1	34727925	33829686	34185767	34247793	1.32	cps
Yttrium	89-2	3492524	3468919	3492108	3484517	0.39	cps
Zinc	66-2	74435	76565	75607	75536	1.41	cps
Zirconium	90-1	5710	6285	6260	6085	5.34	cps
Zirconium	91-1	1258	1392	1208	1286	7.37	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-24DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-06I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:30:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	315286	316774	313836	315299	0.47	cps
Antimony	121-1	1875	2200	2442	2172	13.09	cps
Arsenic	75-2	281	305	248	278	10.29	cps
Barium	135-1	66958	66138	63290	65462	2.94	cps
Barium	137-1	114743	114786	111703	113744	1.55	cps
Beryllium	9-1	358	314	342	338	6.59	cps
Bismuth	209-1	8395075	8234144	8481012	8370077	1.50	cps
Bismuth	209-2	4239013	4166140	4020571	4141908	2.69	cps
Boron	10-1	73048	75048	77628	75241	3.05	cps
Boron	11-1	366308	373741	381757	373935	2.07	cps
Bromine	81-1	26562	28488	26382	27144	4.30	cps
Cadmium	111-1	5502	5523	5238	5421	2.93	cps
Cadmium	106-1	7461	7519	7135	7372	2.80	cps
Cadmium	108-1	83	117	46	82	43.25	cps
Calcium	43-1	2681126	2720539	2612647	2671438	2.04	cps
Calcium	44-1	44010775	43490104	42762933	43421271	1.44	cps
Carbon	12-1	5400291	5440075	5349069	5396478	0.85	cps
Carbon	12-2	58618	59848	60960	59809	1.96	cps
Chlorine	35-1	188374263	200805488	213682163	200953971	6.30	cps
Chlorine	35-2	1685886	1679745	1712232	1692621	1.02	cps
Chromium	52-2	8863	9076	8910	8950	1.25	cps
Cobalt	59-2	120321	121802	122396	121506	0.88	cps
Copper	63-2	76150	75376	76260	75928	0.63	cps
Dysprosium	156-1	29233	27629	29124	28662	3.13	cps
Dysprosium	156-2	11929	12259	11959	12049	1.52	cps
Erbium	164-1	37253	36376	35866	36498	1.92	cps
Erbium	164-2	15219	15252	15175	15215	0.25	cps
Gadolinium	160-1	29817	30544	29333	29898	2.04	cps
Gadolinium	160-2	14264	14678	14425	14456	1.44	cps
Holmium	165-1	14585541	14503169	14962509	14683740	1.67	cps
Holmium	165-2	6247578	6436340	5809247	6164388	5.22	cps
Indium	115-1	13581104	13686513	13188159	13485259	1.95	cps
Indium	115-2	1959043	1937344	1830397	1908928	3.61	cps
Iron	54-2	6923807	6859856	6727153	6836939	1.47	cps
Iron	56-2	121639542	123136044	122860064	122545217	0.65	cps
Iron	57-2	3103429	3197968	3183599	3161666	1.61	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-24DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-06I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:30:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1123	1040	1130	1098	4.57	cps
Lead	206-1	3312	3762	4101	3725	10.63	cps
Lead	207-1	3134	3212	3134	3160	1.42	cps
Lead	208-1	13459	14392	15020	14290	5.50	cps
Lithium	6-1	3490918	3264404	3284435	3346586	3.75	cps
Magnesium	24-2	2255461	2285270	2218523	2253085	1.48	cps
Manganese	55-2	2033167	2076341	2037736	2049081	1.16	cps
Molybdenum	94-1	2367	2784	2359	2503	9.71	cps
Molybdenum	95-1	650	650	550	617	9.36	cps
Molybdenum	96-1	4217	4292	3934	4148	4.56	cps
Molybdenum	97-1	317	225	317	286	18.50	cps
Molybdenum	98-1	700	783	508	664	21.24	cps
Neodymium	150-1	29125	30903	30014	30014	2.96	cps
Neodymium	150-2	9313	9363	9023	9233	1.99	cps
Nickel	60-2	19584	20151	19323	19686	2.15	cps
Phosphorus	31-2	350	492	433	425	16.75	cps
Potassium	39-2	129596	129824	129438	129619	0.15	cps
Rhodium	103-1	12726921	12670388	12595832	12664380	0.52	cps
Rhodium	103-2	5576971	5658692	5219739	5485134	4.26	cps
Scandium	45-1	10187165	10037106	9654014	9959428	2.76	cps
Scandium	45-2	297443	294625	272390	288153	4.76	cps
Selenium	82-1	58	129	57	82	50.74	cps
Selenium	77-2	40	57	43	47	18.90	cps
Selenium	78-2	140	137	129	135	4.20	cps
Silicon	28-1	60296520	60134258	61070120	60500299	0.83	cps
Silver	107-1	1742	1692	1917	1784	6.63	cps
Silver	109-1	1408	1650	1717	1592	10.19	cps
Sodium	23-2	8692880	8621746	8592717	8635781	0.60	cps
Strontium	86-1	695393	692560	691208	693054	0.31	cps
Strontium	88-1	6156737	6081860	6136769	6125122	0.63	cps
Sulfur	34-1	4991538	4793860	4941128	4908842	2.09	cps
Terbium	159-1	15427755	15599506	15488916	15505393	0.56	cps
Terbium	159-2	6325864	6397891	5849522	6191093	4.81	cps
Thallium	203-1	1225	1533	1408	1389	11.17	cps
Thallium	205-1	2917	3442	3292	3217	8.41	cps
Tin	118-1	6435	7727	8003	7388	11.33	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-24DLX5	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-06I	Dilution Factor :	5
Date & Time Acquired ::	2021-10-05 16:30:25	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1508	1500	1592	1533	3.31	cps
Uranium	238-1	21769	20809	21853	21477	2.70	cps
Vanadium	51-2	110271	109589	111544	110468	0.90	cps
Ytterbium	172-1	12440	12698	12364	12501	1.40	cps
Ytterbium	172-2	5951	6040	5512	5835	4.85	cps
Ytterbium	176-1	9395	9612	8828	9279	4.36	cps
Ytterbium	176-2	5935	5462	6107	5835	5.72	cps
Yttrium	89-1	33478510	33793550	34033172	33768411	0.82	cps
Yttrium	89-2	3462693	3401451	3166371	3343505	4.68	cps
Zinc	66-2	78712	78396	78479	78529	0.21	cps
Zirconium	90-1	6135	6435	6410	6327	2.63	cps
Zirconium	91-1	1258	1242	1267	1256	1.01	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:33:18	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208855	207749	206477	207694	0.57	cps
Antimony	121-1	1008	1092	1325	1142	14.38	cps
Arsenic	75-2	164	158	161	161	1.86	cps
Barium	135-1	29950	29608	30761	30106	1.97	cps
Barium	137-1	51056	51809	51649	51504	0.77	cps
Beryllium	9-1	176	182	166	175	4.63	cps
Bismuth	209-1	8398964	8705991	8335991	8480315	2.33	cps
Bismuth	209-2	4342340	4199038	4247548	4262975	1.71	cps
Boron	10-1	40686	41250	42032	41323	1.64	cps
Boron	11-1	202909	209510	215415	209278	2.99	cps
Bromine	81-1	25921	25620	26402	25981	1.52	cps
Cadmium	111-1	5136	5632	5500	5423	4.74	cps
Cadmium	106-1	7135	7844	7711	7563	4.98	cps
Cadmium	108-1	54	54	50	53	4.56	cps
Calcium	43-1	1115770	1116868	1127547	1120062	0.58	cps
Calcium	44-1	19208381	18773974	19207747	19063367	1.31	cps
Carbon	12-1	5156563	5132746	5141124	5143478	0.23	cps
Carbon	12-2	54945	55715	53966	54876	1.60	cps
Chlorine	35-1	118568161	117935928	119898107	118800732	0.84	cps
Chlorine	35-2	895287	879655	886161	887034	0.89	cps
Chromium	52-2	6598	6158	6108	6288	4.29	cps
Cobalt	59-2	57295	55692	55089	56025	2.03	cps
Copper	63-2	41832	40849	39625	40769	2.71	cps
Dysprosium	156-1	15977	15251	16227	15818	3.21	cps
Dysprosium	156-2	6635	6792	6872	6766	1.78	cps
Erbium	164-1	19724	20349	20082	20052	1.57	cps
Erbium	164-2	8223	8553	7949	8242	3.67	cps
Gadolinium	160-1	16870	17429	17554	17284	2.11	cps
Gadolinium	160-2	8016	8073	8336	8141	2.10	cps
Holmium	165-1	14688208	14828551	14278193	14598317	1.96	cps
Holmium	165-2	6497296	6333859	6348304	6393153	1.42	cps
Indium	115-1	13288611	13579884	12977762	13282086	2.27	cps
Indium	115-2	1946551	1930472	1948312	1941778	0.51	cps
Iron	54-2	3524637	3512439	3543430	3526836	0.44	cps
Iron	56-2	63404800	62888386	61638944	62644044	1.45	cps
Iron	57-2	1622969	1592092	1573022	1596027	1.58	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:33:18	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1090	1013	1097	1067	4.34	cps
Lead	206-1	2623	2539	2589	2584	1.62	cps
Lead	207-1	2128	2111	2034	2091	2.41	cps
Lead	208-1	9952	9868	9918	9913	0.42	cps
Lithium	6-1	3449219	3417921	3470585	3445908	0.77	cps
Magnesium	24-2	1206553	1188987	1191740	1195760	0.79	cps
Manganese	55-2	805140	801686	804946	803924	0.24	cps
Molybdenum	94-1	1433	1508	1317	1420	6.80	cps
Molybdenum	95-1	417	317	333	356	15.07	cps
Molybdenum	96-1	2184	2034	2300	2172	6.15	cps
Molybdenum	97-1	225	200	100	175	37.80	cps
Molybdenum	98-1	467	392	425	428	8.79	cps
Neodymium	150-1	18039	17879	16811	17576	3.80	cps
Neodymium	150-2	5595	5741	5601	5646	1.47	cps
Nickel	60-2	10714	10527	10737	10660	1.08	cps
Phosphorus	31-2	450	517	392	453	13.81	cps
Potassium	39-2	68471	68915	67617	68334	0.97	cps
Rhodium	103-1	12723755	13440391	12688326	12950824	3.28	cps
Rhodium	103-2	5737927	5634696	5689147	5687256	0.91	cps
Scandium	45-1	10229353	10239374	10176934	10215220	0.33	cps
Scandium	45-2	302150	296817	300567	299845	0.91	cps
Selenium	82-1	7	91	-13	29	192.56	cps
Selenium	77-2	23	27	20	23	14.29	cps
Selenium	78-2	115	110	120	115	4.35	cps
Silicon	28-1	28349824	27774381	27843644	27989283	1.12	cps
Silver	107-1	1133	1042	1192	1122	6.74	cps
Silver	109-1	850	975	1083	970	12.05	cps
Sodium	23-2	3471712	3578116	3495974	3515268	1.59	cps
Strontium	86-1	284293	276834	284126	281751	1.51	cps
Strontium	88-1	2558191	2439449	2516019	2504553	2.40	cps
Sulfur	34-1	2594027	2497231	2525761	2539006	1.96	cps
Terbium	159-1	15522425	15551673	15297564	15457221	0.90	cps
Terbium	159-2	6393037	6276374	6275699	6315037	1.07	cps
Thallium	203-1	908	858	758	842	9.07	cps
Thallium	205-1	2142	2067	2050	2086	2.34	cps
Tin	118-1	2992	3125	3167	3095	2.95	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:33:18	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	1042	1067	1050	1.37	cps
Uranium	238-1	10730	10680	11072	10827	1.97	cps
Vanadium	51-2	72603	70567	71333	71501	1.44	cps
Ytterbium	172-1	6335	6594	6518	6482	2.05	cps
Ytterbium	172-2	3045	3045	2811	2967	4.54	cps
Ytterbium	176-1	5593	5351	5401	5449	2.34	cps
Ytterbium	176-2	3728	3828	3806	3788	1.39	cps
Yttrium	89-1	32281301	33053573	32918590	32751155	1.26	cps
Yttrium	89-2	3478208	3369207	3438323	3428579	1.61	cps
Zinc	66-2	36471	36226	36504	36401	0.42	cps
Zirconium	90-1	3534	3692	3617	3614	2.19	cps
Zirconium	91-1	842	758	750	783	6.47	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:36:16 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214061	213470	209677	212403	1.12	cps
Antimony	121-1	800	1092	1017	970	15.62	cps
Arsenic	75-2	150	139	143	144	3.87	cps
Barium	135-1	29541	29800	29992	29778	0.76	cps
Barium	137-1	52143	51332	53113	52196	1.71	cps
Beryllium	9-1	190	174	176	180	4.84	cps
Bismuth	209-1	8441181	8612489	7571797	8208489	6.80	cps
Bismuth	209-2	4231168	4246740	4353280	4277062	1.55	cps
Boron	10-1	42736	46267	46827	45277	4.90	cps
Boron	11-1	212706	225108	237797	225204	5.57	cps
Bromine	81-1	27124	26663	26853	26880	0.86	cps
Cadmium	111-1	5244	5415	4819	5159	5.95	cps
Cadmium	106-1	7369	7527	6694	7197	6.15	cps
Cadmium	108-1	63	29	71	54	40.70	cps
Calcium	43-1	1119052	1120189	1179224	1139489	3.02	cps
Calcium	44-1	19123386	18877597	18763440	18921475	0.97	cps
Carbon	12-1	5357960	5405513	5272713	5345395	1.26	cps
Carbon	12-2	56803	55640	56259	56234	1.03	cps
Chlorine	35-1	89468537	96458942	102349081	96092187	6.71	cps
Chlorine	35-2	787373	795747	798654	793924	0.74	cps
Chromium	52-2	5955	6118	6208	6094	2.11	cps
Cobalt	59-2	56468	56013	57833	56772	1.67	cps
Copper	63-2	40758	40986	41480	41075	0.90	cps
Dysprosium	156-1	16602	16419	16068	16363	1.66	cps
Dysprosium	156-2	6929	6962	6775	6889	1.45	cps
Erbium	164-1	20349	20617	19214	20060	3.71	cps
Erbium	164-2	8676	8389	8760	8608	2.26	cps
Gadolinium	160-1	17804	16794	17078	17225	3.02	cps
Gadolinium	160-2	8673	8383	8293	8449	2.35	cps
Holmium	165-1	14771176	15074871	13286637	14377561	6.66	cps
Holmium	165-2	6358630	6434326	6316274	6369743	0.94	cps
Indium	115-1	13438362	13774161	12264956	13159160	6.02	cps
Indium	115-2	1916778	2021386	1998723	1978963	2.78	cps
Iron	54-2	3602562	3555244	3576294	3578033	0.66	cps
Iron	56-2	63978922	65308878	63759894	64349232	1.30	cps
Iron	57-2	1627927	1699831	1679989	1669249	2.22	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14DUPDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:36:16 DataFile Name : 065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1063	977	1018	4.27	cps
Lead	206-1	2423	2256	2406	2361	3.89	cps
Lead	207-1	2134	2078	1989	2067	3.53	cps
Lead	208-1	9507	9024	9185	9238	2.66	cps
Lithium	6-1	3391881	3502039	3057305	3317075	6.98	cps
Magnesium	24-2	1255133	1244166	1203871	1234390	2.19	cps
Manganese	55-2	814663	805300	812926	810963	0.61	cps
Molybdenum	94-1	1692	1317	1300	1436	15.42	cps
Molybdenum	95-1	442	350	358	383	13.22	cps
Molybdenum	96-1	1934	2067	2392	2131	11.07	cps
Molybdenum	97-1	258	225	217	233	9.45	cps
Molybdenum	98-1	458	525	400	461	13.56	cps
Neodymium	150-1	17485	16838	18319	17547	4.23	cps
Neodymium	150-2	5761	5685	5501	5649	2.37	cps
Nickel	60-2	10694	10874	10714	10761	0.92	cps
Phosphorus	31-2	408	458	475	447	7.76	cps
Potassium	39-2	69124	69158	68555	68946	0.49	cps
Rhodium	103-1	13089570	12757404	11734756	12527244	5.64	cps
Rhodium	103-2	5581102	5745313	5743931	5690115	1.66	cps
Scandium	45-1	10051758	9979030	9072444	9701078	5.62	cps
Scandium	45-2	289423	297960	299795	295726	1.87	cps
Selenium	82-1	52	37	82	57	40.54	cps
Selenium	77-2	60	13	67	47	62.28	cps
Selenium	78-2	106	113	99	106	6.60	cps
Silicon	28-1	28566070	29380021	29191265	29045786	1.47	cps
Silver	107-1	1008	875	1017	967	8.22	cps
Silver	109-1	925	1017	917	953	5.82	cps
Sodium	23-2	3634760	3666059	3602569	3634462	0.87	cps
Strontium	86-1	283372	285421	282601	283798	0.51	cps
Strontium	88-1	2478334	2520687	2550877	2516633	1.45	cps
Sulfur	34-1	2562196	2583322	2693003	2612840	2.69	cps
Terbium	159-1	15466359	15566940	13656957	14896752	7.22	cps
Terbium	159-2	6393786	6512839	6318419	6408348	1.53	cps
Thallium	203-1	667	608	683	653	6.03	cps
Thallium	205-1	1725	2092	1617	1811	13.75	cps
Tin	118-1	2575	2509	2859	2648	7.02	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14DUPDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:36:16	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	925	1092	1133	1050	10.50	cps
Uranium	238-1	10646	11013	11664	11108	4.64	cps
Vanadium	51-2	72064	72473	71498	72011	0.68	cps
Ytterbium	172-1	6527	6627	6744	6632	1.64	cps
Ytterbium	172-2	3078	3512	3356	3315	6.62	cps
Ytterbium	176-1	5343	5985	5635	5654	5.68	cps
Ytterbium	176-2	4245	4151	3984	4127	3.21	cps
Yttrium	89-1	32917586	32394518	29907370	31739825	5.07	cps
Yttrium	89-2	3369540	3470584	3407311	3415812	1.49	cps
Zinc	66-2	39038	39043	38998	39027	0.06	cps
Zirconium	90-1	3392	3684	3517	3531	4.14	cps
Zirconium	91-1	808	783	717	769	6.16	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14LDL2X50 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 50
 Date & Time Acquired :: 2021-10-05 16:39:12 DataFile Name : 066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42071	41985	41631	41896	0.56	cps
Antimony	121-1	408	458	450	439	6.10	cps
Arsenic	75-2	32	29	33	31	6.64	cps
Barium	135-1	5793	6235	5785	5938	4.34	cps
Barium	137-1	9787	9629	9637	9684	0.92	cps
Beryllium	9-1	66	70	72	69	4.41	cps
Bismuth	209-1	8828985	8551588	8531613	8637395	1.92	cps
Bismuth	209-2	4376441	4504486	4521457	4467461	1.77	cps
Boron	10-1	17893	18198	17934	18008	0.92	cps
Boron	11-1	88327	88894	89147	88790	0.47	cps
Bromine	81-1	25620	28027	27235	26961	4.55	cps
Cadmium	111-1	5596	5136	5546	5426	4.65	cps
Cadmium	106-1	7978	7269	7844	7697	4.89	cps
Cadmium	108-1	54	8	46	36	67.62	cps
Calcium	43-1	220854	223603	219869	221442	0.87	cps
Calcium	44-1	3840181	3839829	3811258	3830423	0.43	cps
Carbon	12-1	5528788	5496755	5416022	5480522	1.06	cps
Carbon	12-2	55690	55707	56576	55991	0.91	cps
Chlorine	35-1	35632197	35053379	35478735	35388104	0.85	cps
Chlorine	35-2	243066	239804	232664	238511	2.23	cps
Chromium	52-2	2350	2147	2267	2255	4.53	cps
Cobalt	59-2	11561	11421	11425	11469	0.70	cps
Copper	63-2	9710	9647	9760	9706	0.59	cps
Dysprosium	156-1	2917	2867	3442	3075	10.36	cps
Dysprosium	156-2	1277	1257	1417	1317	6.62	cps
Erbium	164-1	3634	3909	3959	3834	4.57	cps
Erbium	164-2	1790	1637	1587	1671	6.34	cps
Gadolinium	160-1	3642	3492	3576	3570	2.11	cps
Gadolinium	160-2	1543	1677	1677	1632	4.72	cps
Holmium	165-1	15210638	15157767	15165057	15177821	0.19	cps
Holmium	165-2	6611654	6550513	6701278	6621148	1.15	cps
Indium	115-1	13678021	13424110	13704701	13602277	1.14	cps
Indium	115-2	1999007	1975335	2061740	2012027	2.22	cps
Iron	54-2	671692	668625	676909	672409	0.62	cps
Iron	56-2	12330341	12851068	12577275	12586228	2.07	cps
Iron	57-2	301229	311165	307978	306791	1.65	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDL2X50	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	50
Date & Time Acquired ::	2021-10-05 16:39:12	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	1050	900	986	7.83	cps
Lead	206-1	1406	1378	1433	1406	1.98	cps
Lead	207-1	1183	1167	1122	1157	2.73	cps
Lead	208-1	5628	5473	5462	5521	1.69	cps
Lithium	6-1	3858983	3673678	3874413	3802358	2.94	cps
Magnesium	24-2	237240	236703	233338	235760	0.90	cps
Manganese	55-2	159046	160698	155747	158497	1.59	cps
Molybdenum	94-1	692	733	625	683	8.00	cps
Molybdenum	95-1	150	142	158	150	5.56	cps
Molybdenum	96-1	625	833	600	686	18.67	cps
Molybdenum	97-1	150	117	92	119	24.50	cps
Molybdenum	98-1	242	317	258	272	14.47	cps
Neodymium	150-1	3327	3887	3541	3585	7.89	cps
Neodymium	150-2	1187	1067	1003	1086	8.58	cps
Nickel	60-2	2350	2287	2144	2260	4.69	cps
Phosphorus	31-2	92	117	142	117	21.43	cps
Potassium	39-2	30550	31393	31134	31026	1.39	cps
Rhodium	103-1	13492765	13221909	13348805	13354493	1.01	cps
Rhodium	103-2	5890517	5673254	5952686	5838819	2.51	cps
Scandium	45-1	10460000	10257100	10169832	10295644	1.45	cps
Scandium	45-2	300767	300130	299689	300195	0.18	cps
Selenium	82-1	-21	-47	90	7	992.77	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	69	84	62	72	15.68	cps
Silicon	28-1	6204616	6110917	6006793	6107442	1.62	cps
Silver	107-1	608	833	667	703	16.62	cps
Silver	109-1	600	525	542	556	7.09	cps
Sodium	23-2	742614	729762	729760	734045	1.01	cps
Strontium	86-1	56958	56214	56958	56710	0.76	cps
Strontium	88-1	477845	475656	478638	477380	0.32	cps
Sulfur	34-1	900023	872809	893303	888712	1.60	cps
Terbium	159-1	16315340	15227573	15581809	15708241	3.53	cps
Terbium	159-2	6366175	6479499	6498988	6448221	1.11	cps
Thallium	203-1	492	517	492	500	2.89	cps
Thallium	205-1	1542	1175	1325	1347	13.68	cps
Tin	118-1	1542	1567	1625	1578	2.71	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14LDL2X50	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	50
Date & Time Acquired ::	2021-10-05 16:39:12	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	567	325	442	444	27.19	cps
Uranium	238-1	2250	2300	2059	2203	5.79	cps
Vanadium	51-2	13957	14030	13914	13967	0.42	cps
Ytterbium	172-1	1308	1508	1425	1414	7.11	cps
Ytterbium	172-2	633	744	589	656	12.22	cps
Ytterbium	176-1	2425	2575	2417	2473	3.60	cps
Ytterbium	176-2	2567	2689	2828	2695	4.85	cps
Yttrium	89-1	34362205	33487687	33263120	33704337	1.72	cps
Yttrium	89-2	3489977	3394094	3483701	3455924	1.55	cps
Zinc	66-2	7954	7829	7482	7755	3.15	cps
Zirconium	90-1	1542	1467	1900	1636	14.16	cps
Zirconium	91-1	300	233	350	294	19.88	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:45:04	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307565	305517	303272	305451	0.70	cps
Antimony	121-1	934818	948227	970954	951333	1.92	cps
Arsenic	75-2	28506	28320	28536	28454	0.41	cps
Barium	135-1	807729	813156	826319	815735	1.17	cps
Barium	137-1	1401944	1415531	1400768	1406081	0.58	cps
Beryllium	9-1	132730	129766	128812	130436	1.57	cps
Bismuth	209-1	8598769	8921997	8629317	8716694	2.05	cps
Bismuth	209-2	4401809	4538113	4418682	4452868	1.67	cps
Boron	10-1	55861	59272	61107	58747	4.53	cps
Boron	11-1	284355	291214	302930	292833	3.21	cps
Bromine	81-1	26964	26633	28318	27305	3.27	cps
Cadmium	111-1	180987	183264	183340	182530	0.73	cps
Cadmium	106-1	24623	25591	25499	25238	2.12	cps
Cadmium	108-1	13482	12902	13073	13152	2.26	cps
Calcium	43-1	1443639	1452383	1497591	1464538	1.98	cps
Calcium	44-1	23913596	24039263	23974350	23975737	0.26	cps
Carbon	12-1	5689090	5643880	5581425	5638132	0.96	cps
Carbon	12-2	58375	56727	59070	58057	2.07	cps
Chlorine	35-1	82135550	88981321	93925238	88347369	6.70	cps
Chlorine	35-2	703942	710931	729601	714825	1.86	cps
Chromium	52-2	246836	245066	245260	245721	0.40	cps
Cobalt	59-2	423024	421629	421282	421978	0.22	cps
Copper	63-2	2792602	2861062	2855571	2836411	1.34	cps
Dysprosium	156-1	35916	34228	35523	35222	2.51	cps
Dysprosium	156-2	8766	8743	8740	8750	0.17	cps
Erbium	164-1	21726	20182	21026	20978	3.69	cps
Erbium	164-2	8409	8336	8243	8329	1.00	cps
Gadolinium	160-1	18247	17303	17195	17582	3.29	cps
Gadolinium	160-2	8259	8556	8206	8340	2.26	cps
Holmium	165-1	15371221	15686673	15214708	15424201	1.56	cps
Holmium	165-2	6722132	6439258	6735007	6632133	2.52	cps
Indium	115-1	13494784	14024443	13256084	13591770	2.89	cps
Indium	115-2	1906354	1963686	2008198	1959412	2.61	cps
Iron	54-2	3895758	3955434	3920778	3923990	0.76	cps
Iron	56-2	71294731	70169771	69791257	70418586	1.11	cps
Iron	57-2	1812844	1808500	1823406	1814916	0.42	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:45:04 DataFile Name : 068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1073	1103	1039	8.37	cps
Lead	206-1	2459547	2345122	2410762	2405144	2.39	cps
Lead	207-1	2085701	2060302	2072732	2072912	0.61	cps
Lead	208-1	9514877	9616968	9439361	9523735	0.94	cps
Lithium	6-1	3918887	3757045	3678216	3784716	3.24	cps
Magnesium	24-2	2528452	2452266	2459445	2480055	1.70	cps
Manganese	55-2	1848378	1814745	1831108	1831410	0.92	cps
Molybdenum	94-1	2265805	2261456	2269325	2265529	0.17	cps
Molybdenum	95-1	3342193	3136928	3259739	3246287	3.18	cps
Molybdenum	96-1	3549296	3490846	3550333	3530158	0.96	cps
Molybdenum	97-1	1961498	2021062	1953866	1978808	1.86	cps
Molybdenum	98-1	5022903	5156478	5052792	5077391	1.38	cps
Neodymium	150-1	17892	17779	17625	17765	0.75	cps
Neodymium	150-2	5588	5575	5511	5558	0.74	cps
Nickel	60-2	134705	132606	134002	133771	0.80	cps
Phosphorus	31-2	1783	1608	1775	1722	5.73	cps
Potassium	39-2	678234	661560	670985	670260	1.25	cps
Rhodium	103-1	12787597	13371243	12859089	13005976	2.45	cps
Rhodium	103-2	5546831	5780931	5833160	5720307	2.67	cps
Scandium	45-1	10173074	9945880	10240230	10119728	1.52	cps
Scandium	45-2	292062	295875	298307	295415	1.07	cps
Selenium	82-1	33107	33303	33674	33361	0.86	cps
Selenium	77-2	817	973	933	908	8.97	cps
Selenium	78-2	3124	3250	3256	3210	2.32	cps
Silicon	28-1	30930329	30820063	30558569	30769654	0.62	cps
Silver	107-1	1156899	1140686	1168298	1155294	1.20	cps
Silver	109-1	1106749	1087693	1112461	1102301	1.18	cps
Sodium	23-2	6023162	5870588	5981961	5958570	1.32	cps
Strontium	86-1	2518149	2430971	2476801	2475307	1.76	cps
Strontium	88-1	20990767	20584121	21465157	21013348	2.10	cps
Sulfur	34-1	2680037	2731180	2662282	2691166	1.33	cps
Terbium	159-1	15725200	15411164	16077586	15737984	2.12	cps
Terbium	159-2	6542329	6330554	6503058	6458647	1.74	cps
Thallium	203-1	1348128	1349023	1352531	1349894	0.17	cps
Thallium	205-1	3441171	3386835	3374516	3400841	1.04	cps
Tin	118-1	854871	870731	864284	863295	0.92	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:45:04	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	956126	931504	953008	946879	1.42	cps
Uranium	238-1	1377606	1394347	1428962	1400305	1.87	cps
Vanadium	51-2	250462	248261	248692	249138	0.47	cps
Ytterbium	172-1	7060	6543	6835	6813	3.80	cps
Ytterbium	172-2	3428	3150	3295	3291	4.22	cps
Ytterbium	176-1	5626	6135	6068	5943	4.65	cps
Ytterbium	176-2	4262	4384	4367	4338	1.53	cps
Yttrium	89-1	33316210	33637274	34119826	33691103	1.20	cps
Yttrium	89-2	3371022	3424806	3515396	3437075	2.12	cps
Zinc	66-2	331335	329329	322639	327768	1.39	cps
Zirconium	90-1	1095468	1093764	1112764	1100665	0.96	cps
Zirconium	91-1	240582	243050	242697	242110	0.55	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14ADL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-01, Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:48:00 DataFile Name : 069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309263	305694	303326	306094	0.98	cps
Antimony	121-1	948545	954715	967307	956856	1.00	cps
Arsenic	75-2	28723	28269	28558	28516	0.81	cps
Barium	135-1	818783	817254	814283	816773	0.28	cps
Barium	137-1	1404363	1426144	1427874	1419460	0.92	cps
Beryllium	9-1	131432	127265	129488	129395	1.61	cps
Bismuth	209-1	8686055	8085156	6880074	7883762	11.67	cps
Bismuth	209-2	4389154	4465575	4390968	4415233	0.99	cps
Boron	10-1	56369	56616	60794	57926	4.29	cps
Boron	11-1	280939	294944	301236	292373	3.55	cps
Bromine	81-1	25950	26833	26833	26539	1.92	cps
Cadmium	111-1	183798	184491	185318	184535	0.41	cps
Cadmium	106-1	25933	25358	24464	25252	2.93	cps
Cadmium	108-1	13327	13065	13207	13200	1.00	cps
Calcium	43-1	1454554	1401911	1470547	1442337	2.49	cps
Calcium	44-1	23172959	23513811	24450203	23712324	2.79	cps
Carbon	12-1	5642578	5474435	5630995	5582669	1.68	cps
Carbon	12-2	58309	57563	56100	57324	1.96	cps
Chlorine	35-1	86743285	90656933	96896206	91432142	5.60	cps
Chlorine	35-2	738343	733702	748569	740205	1.03	cps
Chromium	52-2	247828	247159	240530	245172	1.65	cps
Cobalt	59-2	425069	420325	422322	422572	0.56	cps
Copper	63-2	2786920	2888637	2805842	2827133	1.91	cps
Dysprosium	156-1	34078	34262	34545	34295	0.69	cps
Dysprosium	156-2	9107	8986	8660	8917	2.59	cps
Erbium	164-1	21660	20700	21009	21123	2.32	cps
Erbium	164-2	8416	8556	8283	8418	1.62	cps
Gadolinium	160-1	17821	17303	17804	17643	1.67	cps
Gadolinium	160-2	8396	8076	8022	8165	2.47	cps
Holmium	165-1	15374098	14043993	11989669	13802586	12.35	cps
Holmium	165-2	6409519	6557883	6472304	6479902	1.15	cps
Indium	115-1	13686379	12638841	10388712	12237977	13.77	cps
Indium	115-2	1937909	2042279	1906589	1962259	3.62	cps
Iron	54-2	4053097	3918873	3987882	3986617	1.68	cps
Iron	56-2	73119454	70089804	71327257	71512172	2.13	cps
Iron	57-2	1873830	1868434	1846887	1863050	0.77	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:48:00	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1087	1073	1086	1.08	cps
Lead	206-1	2392326	2447266	2426405	2421999	1.15	cps
Lead	207-1	2142766	2067531	2104797	2105032	1.79	cps
Lead	208-1	9635767	9518029	9634729	9596175	0.71	cps
Lithium	6-1	3831889	3488800	2983619	3434769	12.42	cps
Magnesium	24-2	2529218	2441145	2410746	2460370	2.50	cps
Manganese	55-2	1874469	1848310	1826019	1849599	1.31	cps
Molybdenum	94-1	2169203	2228448	2297299	2231650	2.87	cps
Molybdenum	95-1	3109765	3298115	3272805	3226895	3.17	cps
Molybdenum	96-1	3440447	3498298	3531719	3490155	1.32	cps
Molybdenum	97-1	1975940	1965490	2023018	1988149	1.54	cps
Molybdenum	98-1	5072789	5100810	5097139	5090246	0.30	cps
Neodymium	150-1	17338	17785	19534	18219	6.37	cps
Neodymium	150-2	5708	5334	5675	5572	3.71	cps
Nickel	60-2	136812	133851	132083	134249	1.78	cps
Phosphorus	31-2	1683	1717	1508	1636	6.84	cps
Potassium	39-2	663301	666435	662390	664042	0.32	cps
Rhodium	103-1	13331312	12182572	10163172	11892352	13.49	cps
Rhodium	103-2	5626452	5721807	5580227	5642829	1.28	cps
Scandium	45-1	9987072	9453164	7920980	9120405	11.76	cps
Scandium	45-2	296060	292962	294770	294597	0.53	cps
Selenium	82-1	32625	32403	33302	32776	1.43	cps
Selenium	77-2	953	1030	1040	1008	4.70	cps
Selenium	78-2	3371	3341	3066	3259	5.16	cps
Silicon	28-1	31097903	29139307	30593960	30277057	3.36	cps
Silver	107-1	1148018	1150133	1166208	1154786	0.86	cps
Silver	109-1	1093651	1107242	1114626	1105173	0.96	cps
Sodium	23-2	6044167	6004511	5819127	5955935	2.02	cps
Strontium	86-1	2445593	2539608	2497622	2494274	1.89	cps
Strontium	88-1	21152633	21588697	21486917	21409416	1.07	cps
Sulfur	34-1	2682287	2526189	2670411	2626296	3.31	cps
Terbium	159-1	15995682	14319662	12181101	14165482	13.50	cps
Terbium	159-2	6601856	6398238	6235753	6411949	2.86	cps
Thallium	203-1	1354565	1348194	1386440	1363066	1.50	cps
Thallium	205-1	3321330	3299470	3494759	3371853	3.17	cps
Tin	118-1	843097	851745	870676	855173	1.65	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14ADL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-01,	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:48:00	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	949502	949597	972328	957142	1.37	cps
Uranium	238-1	1397516	1410036	1463311	1423621	2.45	cps
Vanadium	51-2	250231	244450	246016	246899	1.21	cps
Ytterbium	172-1	6919	6443	6844	6735	3.79	cps
Ytterbium	172-2	3184	3317	2995	3165	5.12	cps
Ytterbium	176-1	5843	6018	5651	5838	3.14	cps
Ytterbium	176-2	3978	4034	4062	4025	1.05	cps
Yttrium	89-1	34111853	31436958	26412871	30653894	12.75	cps
Yttrium	89-2	3341957	3454503	3395259	3397240	1.66	cps
Zinc	66-2	326419	329756	325162	327112	0.73	cps
Zirconium	90-1	1095186	1093302	1118349	1102279	1.27	cps
Zirconium	91-1	239868	242207	252111	244729	2.66	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:50:53 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299464	298769	296881	298372	0.45	cps
Antimony	121-1	915298	924840	949730	929956	1.91	cps
Arsenic	75-2	28206	28185	27943	28111	0.52	cps
Barium	135-1	772891	795637	803897	790808	2.03	cps
Barium	137-1	1374143	1392048	1388111	1384767	0.68	cps
Beryllium	9-1	124328	127601	124080	125336	1.57	cps
Bismuth	209-1	8586026	8680211	8740623	8668953	0.90	cps
Bismuth	209-2	4292273	4305874	4358523	4318890	0.81	cps
Boron	10-1	54810	56140	57037	55996	2.00	cps
Boron	11-1	272885	290323	292695	285301	3.79	cps
Bromine	81-1	26161	25620	26302	26028	1.38	cps
Cadmium	111-1	179881	182876	180560	181106	0.87	cps
Cadmium	106-1	24915	25115	25441	25157	1.06	cps
Cadmium	108-1	12268	12460	13019	12582	3.10	cps
Calcium	43-1	1395917	1426213	1429075	1417069	1.30	cps
Calcium	44-1	22729033	23189811	23629718	23182854	1.94	cps
Carbon	12-1	5427492	5499179	5329604	5418758	1.57	cps
Carbon	12-2	58425	55163	56928	56839	2.87	cps
Chlorine	35-1	80217316	89258504	92064904	87180242	7.10	cps
Chlorine	35-2	714324	718065	716528	716306	0.26	cps
Chromium	52-2	240136	240729	241601	240822	0.31	cps
Cobalt	59-2	414675	413279	406994	411649	0.99	cps
Copper	63-2	2823861	2756721	2702179	2760920	2.21	cps
Dysprosium	156-1	32365	34052	33618	33345	2.63	cps
Dysprosium	156-2	8386	8876	8553	8605	2.90	cps
Erbium	164-1	20065	19682	20166	19971	1.28	cps
Erbium	164-2	8573	8073	8099	8248	3.41	cps
Gadolinium	160-1	16886	17654	18146	17562	3.62	cps
Gadolinium	160-2	8349	8069	8076	8165	1.96	cps
Holmium	165-1	14849714	14942523	15253705	15015314	1.41	cps
Holmium	165-2	6578941	6380334	6520958	6493411	1.57	cps
Indium	115-1	13262870	13506436	13437864	13402390	0.94	cps
Indium	115-2	1924132	1960318	1923620	1936023	1.09	cps
Iron	54-2	3903041	3973315	3752538	3876298	2.91	cps
Iron	56-2	70620252	69289458	68555707	69488472	1.51	cps
Iron	57-2	1850538	1813691	1784903	1816377	1.81	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : M3927-14MSDL2X10 Instrumnet Name : P8
 Client Sample ID : WOOSPK-BACKFILL-011 Dilution Factor : 10
 Date & Time Acquired :: 2021-10-05 16:50:53 DataFile Name : 070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	997	970	978	1.68	cps
Lead	206-1	2310074	2329210	2335025	2324770	0.56	cps
Lead	207-1	2005082	2087241	2041094	2044472	2.01	cps
Lead	208-1	9283498	9341427	9243652	9289526	0.53	cps
Lithium	6-1	3706697	3498065	3762116	3655626	3.81	cps
Magnesium	24-2	2432209	2400467	2384627	2405767	1.01	cps
Manganese	55-2	1803007	1810869	1760352	1791409	1.52	cps
Molybdenum	94-1	2181900	2177885	2188621	2182802	0.25	cps
Molybdenum	95-1	3271129	3201531	3145595	3206085	1.96	cps
Molybdenum	96-1	3446943	3502591	3509573	3486369	0.98	cps
Molybdenum	97-1	1916368	1925979	1967714	1936687	1.41	cps
Molybdenum	98-1	4881449	4922612	5071977	4958679	2.02	cps
Neodymium	150-1	18119	17285	17699	17701	2.36	cps
Neodymium	150-2	5254	5374	5491	5373	2.20	cps
Nickel	60-2	131421	131438	128636	130498	1.24	cps
Phosphorus	31-2	1608	1700	1533	1614	5.17	cps
Potassium	39-2	654143	654952	642644	650580	1.06	cps
Rhodium	103-1	12528601	12628301	13037811	12731571	2.12	cps
Rhodium	103-2	5640262	5689199	5617840	5649100	0.65	cps
Scandium	45-1	10009907	10278096	10398668	10228890	1.95	cps
Scandium	45-2	292725	292582	295363	293557	0.53	cps
Selenium	82-1	31651	32180	32203	32011	0.98	cps
Selenium	77-2	1063	900	900	954	9.88	cps
Selenium	78-2	3098	3215	3090	3134	2.23	cps
Silicon	28-1	28991584	29042254	29413304	29149047	0.79	cps
Silver	107-1	1129864	1116527	1113840	1120077	0.77	cps
Silver	109-1	1070869	1067085	1097310	1078421	1.53	cps
Sodium	23-2	5826711	5733550	5774181	5778147	0.81	cps
Strontium	86-1	2403427	2406197	2445299	2418308	0.97	cps
Strontium	88-1	19948932	20328921	20539517	20272457	1.48	cps
Sulfur	34-1	2621274	2650467	2559711	2610484	1.77	cps
Terbium	159-1	15229604	15993543	15880342	15701163	2.63	cps
Terbium	159-2	6405136	6336485	6347252	6362958	0.58	cps
Thallium	203-1	1298231	1332998	1333857	1321696	1.54	cps
Thallium	205-1	3227412	3356468	3219155	3267678	2.36	cps
Tin	118-1	836367	831190	845484	837681	0.86	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-14MSDL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-011	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 16:50:53	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	914080	916973	947184	926079	1.98	cps
Uranium	238-1	1365189	1386303	1399282	1383591	1.24	cps
Vanadium	51-2	244279	242345	235159	240595	2.00	cps
Ytterbium	172-1	6860	7311	6602	6924	5.18	cps
Ytterbium	172-2	3406	3084	3167	3219	5.20	cps
Ytterbium	176-1	5943	5710	5526	5726	3.65	cps
Ytterbium	176-2	3651	4073	4512	4078	10.56	cps
Yttrium	89-1	32682245	33040311	33910573	33211043	1.90	cps
Yttrium	89-2	3486448	3354159	3380377	3406995	2.06	cps
Zinc	66-2	322717	319674	312330	318241	1.68	cps
Zirconium	90-1	1061635	1074481	1083591	1073236	1.03	cps
Zirconium	91-1	237706	238124	239384	238404	0.37	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4335575	4157525	4244432	4245844	2.10	cps
Antimony	121-1	5590636	5585368	5690655	5622220	1.06	cps
Arsenic	75-2	168868	167861	170252	168994	0.71	cps
Barium	135-1	7447080	7415335	7421974	7428130	0.23	cps
Barium	137-1	12800367	12934175	12814502	12849681	0.57	cps
Beryllium	9-1	1321357	1332790	1298439	1317529	1.33	cps
Bismuth	209-1	8276791	8185146	8354109	8272015	1.02	cps
Bismuth	209-2	4179228	4253264	3894556	4109016	4.61	cps
Boron	10-1	130793	142748	144287	139276	5.30	cps
Boron	11-1	653058	679084	703777	678640	3.74	cps
Bromine	81-1	27887	26472	27596	27318	2.73	cps
Cadmium	111-1	1555118	1663158	1627488	1615254	3.41	cps
Cadmium	106-1	172918	173896	179281	175365	1.95	cps
Cadmium	108-1	115894	116260	115895	116016	0.18	cps
Calcium	43-1	11347748	11383558	11436618	11389308	0.39	cps
Calcium	44-1	187470272	186347677	189907387	187908445	0.97	cps
Carbon	12-1	7394002	7402373	7574917	7457097	1.37	cps
Carbon	12-2	80554	79767	79381	79901	0.75	cps
Chlorine	35-1	9491163	9061524	8646238	9066308	4.66	cps
Chlorine	35-2	55473	53725	50614	53271	4.62	cps
Chromium	52-2	1860932	1836381	1858172	1851828	0.73	cps
Cobalt	59-2	3375164	3304532	3313386	3331027	1.16	cps
Copper	63-2	24973128	24701790	25041222	24905380	0.72	cps
Dysprosium	156-1	1075	1008	992	1025	4.30	cps
Dysprosium	156-2	447	463	403	438	7.08	cps
Erbium	164-1	317	350	233	300	20.03	cps
Erbium	164-2	113	97	110	107	8.27	cps
Gadolinium	160-1	1133	1267	1075	1158	8.48	cps
Gadolinium	160-2	490	513	517	507	2.87	cps
Holmium	165-1	15119439	15359826	15840148	15439804	2.38	cps
Holmium	165-2	6820734	6864863	6239358	6641652	5.26	cps
Indium	115-1	12954939	13337779	13484715	13259144	2.06	cps
Indium	115-2	1950101	1941432	1827017	1906183	3.60	cps
Iron	54-2	19337026	19127663	19348567	19271085	0.65	cps
Iron	56-2	343118908	346369697	347438130	345642245	0.65	cps
Iron	57-2	8955748	8745262	8963616	8888209	1.39	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	980	1080	1002	6.92	cps
Lead	206-1	20107259	20157534	20605913	20290235	1.35	cps
Lead	207-1	17396104	17360580	17733383	17496689	1.18	cps
Lead	208-1	81259319	80268355	81760450	81096041	0.94	cps
Lithium	6-1	4091684	4115094	4037319	4081366	0.98	cps
Magnesium	24-2	61493387	61782858	61766422	61680889	0.26	cps
Manganese	55-2	9229429	9157182	9215511	9200707	0.42	cps
Molybdenum	94-1	14012044	14121055	14068660	14067253	0.39	cps
Molybdenum	95-1	17132000	17009447	16982816	17041421	0.47	cps
Molybdenum	96-1	19254806	19041206	19099753	19131922	0.58	cps
Molybdenum	97-1	10544633	10513694	10661299	10573209	0.74	cps
Molybdenum	98-1	27054711	27201087	27280455	27178751	0.42	cps
Neodymium	150-1	353	340	300	331	8.38	cps
Neodymium	150-2	30	27	43	33	26.45	cps
Nickel	60-2	922540	930297	920624	924487	0.55	cps
Phosphorus	31-2	29138	29088	28520	28915	1.19	cps
Potassium	39-2	24772819	24383686	24843503	24666669	1.00	cps
Rhodium	103-1	11947916	12273252	12371188	12197452	1.82	cps
Rhodium	103-2	5537082	5386051	5020627	5314587	5.00	cps
Scandium	45-1	10136752	10139433	10263163	10179783	0.71	cps
Scandium	45-2	291533	292871	273213	285872	3.84	cps
Selenium	82-1	115865	117273	116872	116670	0.62	cps
Selenium	77-2	2997	3294	3377	3223	6.20	cps
Selenium	78-2	11067	11042	11354	11155	1.55	cps
Silicon	28-1	4809231	4972842	4982009	4921360	1.98	cps
Silver	107-1	8154067	8144005	8258347	8185473	0.77	cps
Silver	109-1	7705712	7877923	7460389	7681341	2.73	cps
Sodium	23-2	120683032	120058636	120040761	120260810	0.30	cps
Strontium	86-1	22120515	22216230	22373919	22236888	0.58	cps
Strontium	88-1	191349425	194023029	191327546	192233333	0.81	cps
Sulfur	34-1	926342	923305	913419	921022	0.73	cps
Terbium	159-1	16062355	16073743	16148104	16094734	0.29	cps
Terbium	159-2	6660525	6722552	6101407	6494828	5.27	cps
Thallium	203-1	4867480	5042499	5029987	4979989	1.96	cps
Thallium	205-1	11796140	11926537	12009400	11910692	0.90	cps
Tin	118-1	5140468	5109672	5207445	5152528	0.97	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 16:57:51	DataFile Name :	071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5293542	5323019	5307511	5308024	0.28	cps
Uranium	238-1	16037320	15942232	15946329	15975293	0.34	cps
Vanadium	51-2	1452003	1436256	1474317	1454192	1.32	cps
Ytterbium	172-1	167	67	108	114	44.10	cps
Ytterbium	172-2	44	61	50	52	16.36	cps
Ytterbium	176-1	22912	24431	23137	23494	3.49	cps
Ytterbium	176-2	11627	11995	11544	11722	2.04	cps
Yttrium	89-1	33115310	33600597	33868911	33528273	1.14	cps
Yttrium	89-2	3396824	3430949	3219257	3349010	3.39	cps
Zinc	66-2	2678660	2671832	2701790	2684094	0.58	cps
Zirconium	90-1	12399615	12535595	12446526	12460578	0.55	cps
Zirconium	91-1	2738715	2813600	2742073	2764796	1.53	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 17:05:54 DataFile Name : 072CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	180	152	161	10.08	cps
Antimony	121-1	492	433	742	556	29.48	cps
Arsenic	75-2	12	7	5	8	45.07	cps
Barium	135-1	117	142	83	114	25.69	cps
Barium	137-1	183	217	242	214	13.68	cps
Beryllium	9-1	58	86	72	72	19.44	cps
Bismuth	209-1	8490804	9000469	8681501	8724258	2.95	cps
Bismuth	209-2	4486627	4430430	4513021	4476693	0.94	cps
Boron	10-1	5056	4672	4720	4816	4.35	cps
Boron	11-1	23967	22877	22829	23224	2.77	cps
Bromine	81-1	26472	25439	26312	26074	2.13	cps
Cadmium	111-1	5583	5426	5298	5436	2.62	cps
Cadmium	106-1	7877	7652	7461	7663	2.72	cps
Cadmium	108-1	33	38	17	29	37.79	cps
Calcium	43-1	477	484	515	492	4.08	cps
Calcium	44-1	47057	46718	47085	46953	0.43	cps
Carbon	12-1	5491012	5635412	5509436	5545287	1.42	cps
Carbon	12-2	54686	52721	53850	53752	1.83	cps
Chlorine	35-1	4942193	4759973	4642517	4781561	3.16	cps
Chlorine	35-2	30391	30692	30074	30385	1.02	cps
Chromium	52-2	1237	1300	1203	1247	3.94	cps
Cobalt	59-2	113	133	130	126	8.53	cps
Copper	63-2	1937	1810	1680	1809	7.10	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	133	125	114	23.52	cps
Erbium	164-2	43	40	37	40	8.32	cps
Gadolinium	160-1	75	133	58	89	44.30	cps
Gadolinium	160-2	47	70	57	58	20.26	cps
Holmium	165-1	15139390	15143695	15063295	15115460	0.30	cps
Holmium	165-2	6619412	6705268	6574858	6633179	1.00	cps
Indium	115-1	13708643	13501911	13101483	13437346	2.30	cps
Indium	115-2	1985267	1971482	1995141	1983963	0.60	cps
Iron	54-2	1061	850	844	919	13.45	cps
Iron	56-2	9226	9042	8303	8857	5.52	cps
Iron	57-2	200	200	217	206	4.68	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:05:54	DataFile Name :	072CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	953	970	982	3.72	cps
Lead	206-1	1789	1772	1989	1850	6.52	cps
Lead	207-1	1645	1433	1678	1585	8.36	cps
Lead	208-1	7240	7068	7512	7273	3.08	cps
Lithium	6-1	4240287	4089326	4065581	4131731	2.29	cps
Magnesium	24-2	925	825	742	831	11.05	cps
Manganese	55-2	300	300	257	286	8.76	cps
Molybdenum	94-1	758	683	883	775	13.04	cps
Molybdenum	95-1	525	508	550	528	3.97	cps
Molybdenum	96-1	775	625	550	650	17.63	cps
Molybdenum	97-1	383	175	350	303	36.96	cps
Molybdenum	98-1	625	683	742	683	8.54	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	133	90	129	28.61	cps
Phosphorus	31-2	108	67	83	86	24.35	cps
Potassium	39-2	21041	20849	20832	20907	0.55	cps
Rhodium	103-1	13111238	12923307	13043665	13026070	0.73	cps
Rhodium	103-2	5610402	5627502	5601528	5613144	0.24	cps
Scandium	45-1	10027422	9699150	9777014	9834529	1.74	cps
Scandium	45-2	279994	276687	283179	279953	1.16	cps
Selenium	82-1	-79	-15	-9	-34	-112.71	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	69	73	59	67	10.76	cps
Silicon	28-1	461700	460651	465641	462664	0.57	cps
Silver	107-1	1050	1192	1117	1120	6.33	cps
Silver	109-1	1033	958	1058	1017	5.12	cps
Sodium	23-2	45196	46031	46650	45959	1.59	cps
Strontium	86-1	1617	1775	1767	1720	5.18	cps
Strontium	88-1	2275	2292	3026	2531	16.93	cps
Sulfur	34-1	416860	415647	416824	416444	0.17	cps
Terbium	159-1	15514066	16203444	15724221	15813911	2.23	cps
Terbium	159-2	6482546	6455228	6400738	6446171	0.65	cps
Thallium	203-1	767	750	742	753	1.69	cps
Thallium	205-1	2017	2109	1850	1992	6.58	cps
Tin	118-1	1217	1408	1558	1395	12.28	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:05:54	DataFile Name :	072CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	325	350	300	22.05	cps
Uranium	238-1	242	150	183	192	24.21	cps
Vanadium	51-2	33	37	27	32	15.80	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	28	11	6	15	78.05	cps
Ytterbium	176-1	1742	1750	1608	1700	4.68	cps
Ytterbium	176-2	2028	2439	2434	2300	10.25	cps
Yttrium	89-1	32032999	32856025	32482823	32457282	1.27	cps
Yttrium	89-2	3198382	3305186	3341491	3281686	2.27	cps
Zinc	66-2	682	688	538	636	13.33	cps
Zirconium	90-1	1483	1350	1625	1486	9.25	cps
Zirconium	91-1	392	317	275	328	18.04	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 17:08:54	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136484	135377	135703	135855	0.42	cps
Antimony	121-1	1751	1275	1700	1575	16.58	cps
Arsenic	75-2	123	119	135	126	6.63	cps
Barium	135-1	29091	29717	30034	29614	1.62	cps
Barium	137-1	50889	51148	52134	51390	1.28	cps
Beryllium	9-1	252	188	226	222	14.50	cps
Bismuth	209-1	8529757	8703704	8899189	8710883	2.12	cps
Bismuth	209-2	4517673	4391599	4549250	4486174	1.86	cps
Boron	10-1	40231	42415	43419	42022	3.88	cps
Boron	11-1	193036	208590	215210	205612	5.54	cps
Bromine	81-1	25720	25319	26843	25961	3.04	cps
Cadmium	111-1	5951	5433	5871	5752	4.85	cps
Cadmium	106-1	7736	7619	8194	7850	3.87	cps
Cadmium	108-1	92	54	63	69	28.35	cps
Calcium	43-1	1299827	1304923	1338436	1314395	1.60	cps
Calcium	44-1	21369120	21036559	21579668	21328449	1.28	cps
Carbon	12-1	5842446	5726499	5707181	5758709	1.27	cps
Carbon	12-2	57639	59446	58166	58417	1.59	cps
Chlorine	35-1	56216295	66121562	74596112	65644656	14.01	cps
Chlorine	35-2	599146	629694	638458	622433	3.32	cps
Chromium	52-2	4848	4874	5088	4936	2.67	cps
Cobalt	59-2	55558	53878	55765	55067	1.88	cps
Copper	63-2	34993	35217	36547	35586	2.36	cps
Dysprosium	156-1	12548	12039	12456	12348	2.20	cps
Dysprosium	156-2	5151	5224	5368	5248	2.10	cps
Erbium	164-1	15626	17045	17036	16569	4.93	cps
Erbium	164-2	7132	6845	6792	6923	2.64	cps
Gadolinium	160-1	13157	13173	12665	12998	2.22	cps
Gadolinium	160-2	6332	6315	6405	6350	0.75	cps
Holmium	165-1	14831319	15582903	15175168	15196463	2.48	cps
Holmium	165-2	6706967	6608569	6826294	6713943	1.62	cps
Indium	115-1	13768876	13472294	13525209	13588793	1.16	cps
Indium	115-2	2033278	2039605	2060950	2044611	0.71	cps
Iron	54-2	3033428	2982972	3003045	3006481	0.84	cps
Iron	56-2	54926503	54767694	53634093	54442763	1.29	cps
Iron	57-2	1314350	1413797	1316705	1348284	4.21	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 17:08:54	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	920	967	938	2.69	cps
Lead	206-1	3429	2534	2523	2828	18.39	cps
Lead	207-1	2901	2072	2100	2358	19.95	cps
Lead	208-1	14533	9746	9829	11370	24.10	cps
Lithium	6-1	4066019	4099028	3997299	4054116	1.28	cps
Magnesium	24-2	994663	986497	973593	984918	1.08	cps
Manganese	55-2	872356	863538	872604	869499	0.59	cps
Molybdenum	94-1	7515	1525	1734	3591	94.67	cps
Molybdenum	95-1	8159	525	558	3081	142.75	cps
Molybdenum	96-1	8143	2000	1867	4003	89.56	cps
Molybdenum	97-1	3150	333	367	1283	125.98	cps
Molybdenum	98-1	7576	667	525	2922	137.91	cps
Neodymium	150-1	13273	13620	13020	13305	2.27	cps
Neodymium	150-2	4084	3961	4004	4016	1.56	cps
Nickel	60-2	9153	9196	9136	9162	0.34	cps
Phosphorus	31-2	350	225	325	300	22.05	cps
Potassium	39-2	74710	73345	73060	73705	1.20	cps
Rhodium	103-1	12973816	13094447	13299169	13122477	1.25	cps
Rhodium	103-2	5724292	5851065	5786025	5787127	1.10	cps
Scandium	45-1	9931930	10037429	10069652	10013004	0.72	cps
Scandium	45-2	292960	289678	292228	291622	0.59	cps
Selenium	82-1	116	116	105	112	5.83	cps
Selenium	77-2	17	27	23	22	22.91	cps
Selenium	78-2	84	109	87	93	14.62	cps
Silicon	28-1	31304743	31325344	29928512	30852867	2.59	cps
Silver	107-1	1750	1383	1667	1600	12.01	cps
Silver	109-1	1508	1308	1267	1361	9.49	cps
Sodium	23-2	4613817	4374559	4381109	4456495	3.06	cps
Strontium	86-1	336884	330324	329051	332086	1.27	cps
Strontium	88-1	3004100	2939084	2905376	2949520	1.70	cps
Sulfur	34-1	2658921	2635585	2559201	2617903	1.99	cps
Terbium	159-1	15824839	15882735	16006417	15904664	0.58	cps
Terbium	159-2	6524153	6501197	6655579	6560310	1.27	cps
Thallium	203-1	1893	983	1092	1323	37.55	cps
Thallium	205-1	2868	2292	2550	2570	11.22	cps
Tin	118-1	3244	2392	2417	2684	18.07	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	M3927-22DL2X10	Instrumnet Name :	P8
Client Sample ID :	WOOSPK-BACKFILL-05I	Dilution Factor :	10
Date & Time Acquired ::	2021-10-05 17:08:54	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	933	1208	825	989	19.98	cps
Uranium	238-1	10430	10338	10863	10544	2.66	cps
Vanadium	51-2	46780	46238	47245	46754	1.08	cps
Ytterbium	172-1	5401	5084	5385	5290	3.37	cps
Ytterbium	172-2	2450	2756	2517	2574	6.24	cps
Ytterbium	176-1	4718	5143	4909	4923	4.32	cps
Ytterbium	176-2	3967	3917	3940	3941	0.64	cps
Yttrium	89-1	32173637	33583767	34066985	33274796	2.96	cps
Yttrium	89-2	3423275	3464475	3464924	3450891	0.69	cps
Zinc	66-2	38946	38798	38308	38684	0.86	cps
Zirconium	90-1	8275	4067	3551	5298	48.92	cps
Zirconium	91-1	2537	975	708	1407	70.22	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4308785	4301980	4241446	4284070	0.87	cps
Antimony	121-1	5551661	5694155	5605950	5617255	1.28	cps
Arsenic	75-2	171107	170062	170397	170522	0.31	cps
Barium	135-1	7311611	7396709	7478400	7395573	1.13	cps
Barium	137-1	12610457	12684997	12839080	12711512	0.92	cps
Beryllium	9-1	1373264	1342123	1343552	1352980	1.30	cps
Bismuth	209-1	8162162	7888205	8334369	8128245	2.77	cps
Bismuth	209-2	4272562	4364062	4311117	4315913	1.06	cps
Boron	10-1	135510	143753	147782	142348	4.39	cps
Boron	11-1	652287	704682	710192	689054	4.64	cps
Bromine	81-1	26934	28759	27686	27793	3.30	cps
Cadmium	111-1	1617979	1636472	1633217	1629223	0.61	cps
Cadmium	106-1	174981	178967	176897	176948	1.13	cps
Cadmium	108-1	114588	115705	116992	115762	1.04	cps
Calcium	43-1	11569775	11168641	11550110	11429509	1.98	cps
Calcium	44-1	186626262	181894853	188355701	185625605	1.80	cps
Carbon	12-1	7399338	7597660	7703658	7566886	2.04	cps
Carbon	12-2	80689	79516	78318	79508	1.49	cps
Chlorine	35-1	5726101	5534992	5371089	5544061	3.20	cps
Chlorine	35-2	36405	35845	33999	35416	3.55	cps
Chromium	52-2	1885779	1871895	1831294	1862989	1.52	cps
Cobalt	59-2	3320142	3333009	3369647	3340933	0.77	cps
Copper	63-2	25098630	24926160	25388681	25137824	0.93	cps
Dysprosium	156-1	875	1267	1050	1064	18.44	cps
Dysprosium	156-2	460	350	407	406	13.56	cps
Erbium	164-1	267	308	233	269	13.95	cps
Erbium	164-2	83	93	100	92	9.10	cps
Gadolinium	160-1	1058	1125	1150	1111	4.26	cps
Gadolinium	160-2	530	577	517	541	5.82	cps
Holmium	165-1	15439630	14671241	15472260	15194377	2.98	cps
Holmium	165-2	6756563	6966142	6818647	6847117	1.57	cps
Indium	115-1	13049863	12725014	12852496	12875791	1.27	cps
Indium	115-2	1934927	2009670	1976591	1973729	1.90	cps
Iron	54-2	19583351	19354139	19220939	19386143	0.95	cps
Iron	56-2	352224341	349665230	348623797	350171123	0.53	cps
Iron	57-2	8869597	9017615	9065226	8984146	1.14	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	993	1047	1032	3.30	cps
Lead	206-1	20624195	20762064	20421923	20602727	0.83	cps
Lead	207-1	18041564	18113083	17545548	17900065	1.73	cps
Lead	208-1	81481820	82911571	81258905	81884099	1.10	cps
Lithium	6-1	4404674	3996537	4183220	4194810	4.87	cps
Magnesium	24-2	63360643	63358841	61899481	62872988	1.34	cps
Manganese	55-2	9270143	9143895	9229745	9214595	0.70	cps
Molybdenum	94-1	13923598	14243161	14281011	14149257	1.39	cps
Molybdenum	95-1	17099425	17378106	17383954	17287162	0.94	cps
Molybdenum	96-1	19084525	19234491	19078012	19132343	0.46	cps
Molybdenum	97-1	10476497	10556526	10632249	10555090	0.74	cps
Molybdenum	98-1	27704719	27587079	27633732	27641843	0.21	cps
Neodymium	150-1	427	327	333	362	15.43	cps
Neodymium	150-2	47	33	50	43	20.36	cps
Nickel	60-2	921514	925119	923576	923403	0.20	cps
Phosphorus	31-2	28562	29138	29080	28927	1.10	cps
Potassium	39-2	24983961	25004508	24597935	24862135	0.92	cps
Rhodium	103-1	12624210	11866325	12193064	12227866	3.11	cps
Rhodium	103-2	5408594	5466861	5461208	5445554	0.59	cps
Scandium	45-1	10300902	9713283	10268131	10094106	3.27	cps
Scandium	45-2	296837	301577	292046	296820	1.61	cps
Selenium	82-1	117026	118030	117309	117455	0.44	cps
Selenium	77-2	3350	3460	3230	3347	3.44	cps
Selenium	78-2	11154	11206	11153	11171	0.27	cps
Silicon	28-1	4810689	5102879	5131330	5014966	3.54	cps
Silver	107-1	7923726	8261497	8203534	8129586	2.22	cps
Silver	109-1	7680283	7674275	7733257	7695939	0.42	cps
Sodium	23-2	121609203	119954290	120096861	120553451	0.76	cps
Strontium	86-1	22293578	22360933	22316722	22323744	0.15	cps
Strontium	88-1	192011350	191346671	193188854	192182292	0.49	cps
Sulfur	34-1	915590	912824	908581	912332	0.39	cps
Terbium	159-1	16114233	15374519	16092746	15860499	2.65	cps
Terbium	159-2	6610378	6799396	6814032	6741269	1.69	cps
Thallium	203-1	5081133	5088814	5075609	5081852	0.13	cps
Thallium	205-1	11925962	12158976	11761481	11948806	1.67	cps
Tin	118-1	5177208	5207060	5146289	5176852	0.59	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:18:42	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5307071	5234465	5313849	5285128	0.83	cps
Uranium	238-1	15829859	16045159	16524434	16133150	2.20	cps
Vanadium	51-2	1510384	1468782	1429922	1469696	2.74	cps
Ytterbium	172-1	133	92	75	100	30.05	cps
Ytterbium	172-2	17	67	44	43	58.81	cps
Ytterbium	176-1	24031	23263	23522	23605	1.65	cps
Ytterbium	176-2	12217	12389	12567	12391	1.41	cps
Yttrium	89-1	33516370	31898167	32539930	32651489	2.50	cps
Yttrium	89-2	3327492	3451823	3436076	3405130	1.99	cps
Zinc	66-2	2697983	2690946	2722382	2703770	0.61	cps
Zirconium	90-1	12205637	12548044	12281562	12345081	1.46	cps
Zirconium	91-1	2722548	2809017	2769936	2767167	1.56	cps

LB Number : LB116665 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-05 17:24:46 DataFile Name : 075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176	155	167	166	6.42	cps
Antimony	121-1	600	842	967	803	23.22	cps
Arsenic	75-2	7	16	16	13	39.97	cps
Barium	135-1	133	133	108	125	11.55	cps
Barium	137-1	208	250	183	214	15.75	cps
Beryllium	9-1	84	72	80	79	7.76	cps
Bismuth	209-1	8931594	8934779	8991713	8952695	0.38	cps
Bismuth	209-2	4688708	4660639	4728762	4692703	0.73	cps
Boron	10-1	7218	6964	6824	7002	2.85	cps
Boron	11-1	34760	33556	31926	33414	4.26	cps
Bromine	81-1	26763	25951	26774	26496	1.78	cps
Cadmium	111-1	5417	5532	5537	5495	1.24	cps
Cadmium	106-1	7602	7769	7802	7725	1.39	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	595	591	507	565	8.76	cps
Calcium	44-1	44569	44708	43481	44253	1.52	cps
Carbon	12-1	5965111	5937243	5914930	5939094	0.42	cps
Carbon	12-2	58049	58927	59405	58794	1.17	cps
Chlorine	35-1	4427101	4243508	4066021	4245543	4.25	cps
Chlorine	35-2	25740	25707	23787	25078	4.46	cps
Chromium	52-2	1113	1220	1257	1197	6.22	cps
Cobalt	59-2	120	130	157	136	13.98	cps
Copper	63-2	1790	1860	1803	1818	2.05	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	100	83	67	83	20.00	cps
Erbium	164-2	57	40	27	41	36.56	cps
Gadolinium	160-1	125	108	108	114	8.45	cps
Gadolinium	160-2	77	57	63	66	15.54	cps
Holmium	165-1	15338085	15277725	15312002	15309271	0.20	cps
Holmium	165-2	6897964	6831503	6702663	6810710	1.46	cps
Indium	115-1	13656188	13664854	13881352	13734131	0.93	cps
Indium	115-2	2035164	2053005	1962680	2016949	2.37	cps
Iron	54-2	800	894	867	854	5.69	cps
Iron	56-2	9403	9270	9581	9418	1.66	cps
Iron	57-2	244	267	222	244	9.09	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:24:46	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	957	937	956	1.92	cps
Lead	206-1	2100	2078	2184	2121	2.62	cps
Lead	207-1	1950	1822	1789	1854	4.59	cps
Lead	208-1	8807	8701	8507	8672	1.76	cps
Lithium	6-1	4455690	4583438	4476816	4505315	1.52	cps
Magnesium	24-2	1008	825	950	928	10.10	cps
Manganese	55-2	323	313	283	307	6.79	cps
Molybdenum	94-1	817	958	708	828	15.15	cps
Molybdenum	95-1	775	608	683	689	12.12	cps
Molybdenum	96-1	1117	792	692	867	25.64	cps
Molybdenum	97-1	425	350	383	386	9.73	cps
Molybdenum	98-1	1125	958	1008	1031	8.30	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	110	77	108	27.89	cps
Phosphorus	31-2	50	83	75	69	24.98	cps
Potassium	39-2	20665	21199	21141	21002	1.39	cps
Rhodium	103-1	13023589	13574339	13226598	13274842	2.10	cps
Rhodium	103-2	5900003	5725377	5813417	5812932	1.50	cps
Scandium	45-1	9881110	10172162	9871398	9974890	1.71	cps
Scandium	45-2	284664	284230	285861	284919	0.30	cps
Selenium	82-1	-49	5	-21	-22	-122.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	68	80	58	69	16.04	cps
Silicon	28-1	465971	473352	467151	468825	0.85	cps
Silver	107-1	1358	1100	1175	1211	10.97	cps
Silver	109-1	1000	1200	908	1036	14.40	cps
Sodium	23-2	46558	45864	45622	46015	1.06	cps
Strontium	86-1	1900	2042	1767	1903	7.23	cps
Strontium	88-1	3767	3109	2842	3239	14.70	cps
Sulfur	34-1	415829	413409	415674	414971	0.33	cps
Terbium	159-1	15781302	16262901	16111839	16052014	1.53	cps
Terbium	159-2	6614575	6792042	6726220	6710946	1.34	cps
Thallium	203-1	983	1042	1167	1064	8.80	cps
Thallium	205-1	2317	2475	2609	2467	5.92	cps
Tin	118-1	1425	1458	1225	1370	9.22	cps

LB Number :	LB116665	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2021-10-05 17:24:46	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	225	267	269	17.03	cps
Uranium	238-1	292	283	217	264	15.58	cps
Vanadium	51-2	40	33	30	34	14.78	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	172-2	28	17	28	24	26.64	cps
Ytterbium	176-1	1784	1717	1692	1731	2.74	cps
Ytterbium	176-2	2411	2567	2472	2484	3.16	cps
Yttrium	89-1	32630945	33586304	33262510	33159920	1.47	cps
Yttrium	89-2	3399104	3312809	3313825	3341913	1.48	cps
Zinc	66-2	532	542	615	563	8.05	cps
Zirconium	90-1	1600	1400	1617	1539	7.84	cps
Zirconium	91-1	375	225	358	319	25.74	cps