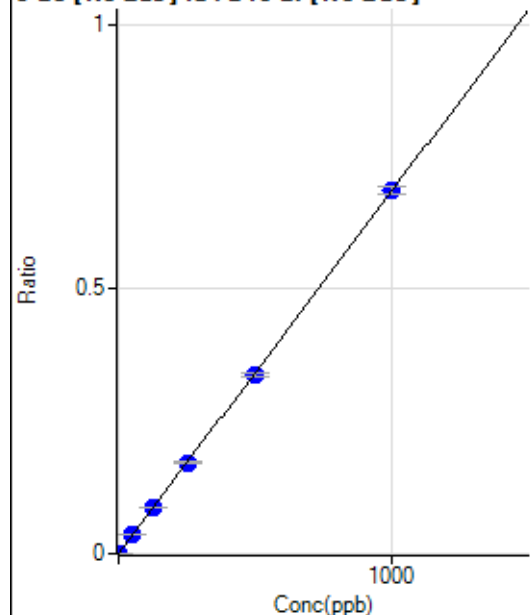


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092321-MS.b\
Analysis File: P7092321-MS.batch.bin
DA Date-Time: 2021-09-23 14:34:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-09-23 12:37:20
2	004CALS.d	S02	2021-09-23 12:40:27
3	006CALS.d	S03	2021-09-23 12:46:39
4	007CALS.d	S04	2021-09-23 12:49:45
5	008CALS.d	S05	2021-09-23 12:52:55
6	009CALS.d	S06	2021-09-23 12:56:00
7	010CALS.d	S07	2021-09-23 12:58:58
8	012CALS.d	S08	2021-09-23 13:10:57

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	39.6
2	☐	1.000	1.021	1594.55	0.0007	P	1.2
3	☐	50.000	52.270	79823.45	0.0358	P	1.1
4	☐	125.000	129.306	194615.43	0.0885	P	0.8
5	☐	250.000	251.630	370310.20	0.1722	P	2.4
6	☐	500.000	494.618	674754.13	0.3385	P	1.5
7	☐	1000.000	1001.632	1262898.93	0.6855	P	2.2
8	☐			105.55	0.0001	P	17.6

$$y = 6.8440\text{E-}004 * x + 2.8431\text{E-}005$$

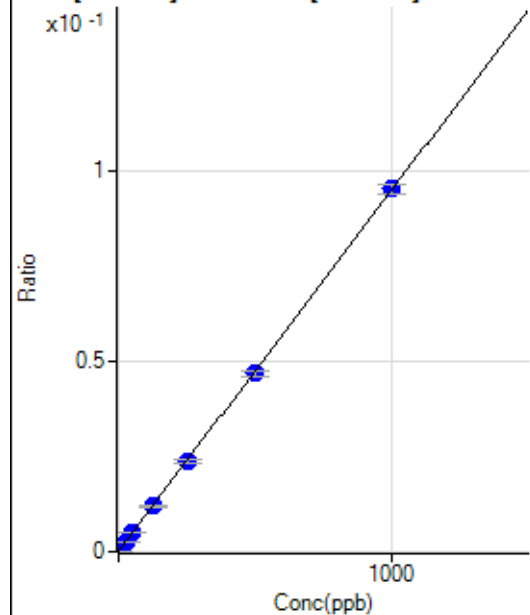
$$R = 1.0000$$

$$DL = 0.04932$$

$$BEC = 0.04154$$

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	380.57	0.0002	P	15.8
2	☐	25.000	23.789	5339.96	0.0024	P	4.5
3	☐	50.000	50.655	11109.89	0.0050	P	6.2
4	☐	125.000	124.096	26267.85	0.0119	P	1.8
5	☐	250.000	247.964	50947.79	0.0237	P	3.3
6	☐	500.000	492.612	93511.49	0.0469	P	2.7
7	☐	1000.000	1004.314	175867.11	0.0954	P	2.5
8	☐			2094.64	0.0011	P	6.1

$$y = 9.4842\text{E-}005 * x + 1.7720\text{E-}004$$

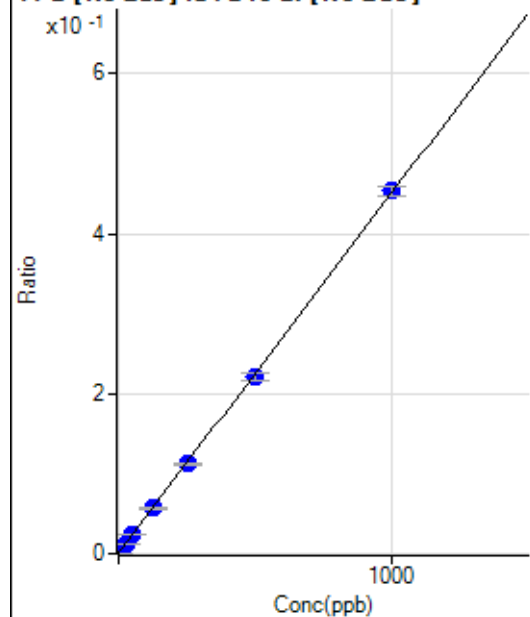
$$R = 1.0000$$

$$DL = 0.886$$

$$BEC = 1.868$$

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	1733.48	0.0008	P	0.8
2	☐	25.000	22.871	24339.59	0.0111	P	2.1
3	☐	50.000	50.308	52257.54	0.0234	P	1.5
4	☐	125.000	124.832	125247.56	0.0570	P	2.6
5	☐	250.000	246.849	240457.98	0.1118	P	1.8
6	☐	500.000	488.499	439631.43	0.2205	P	3.9
7	☐	1000.000	1006.597	835574.99	0.4535	P	2.4
8	☐			10159.16	0.0056	P	5.9

$$y = 4.4975\text{E-}004 * x + 8.0661\text{E-}004$$

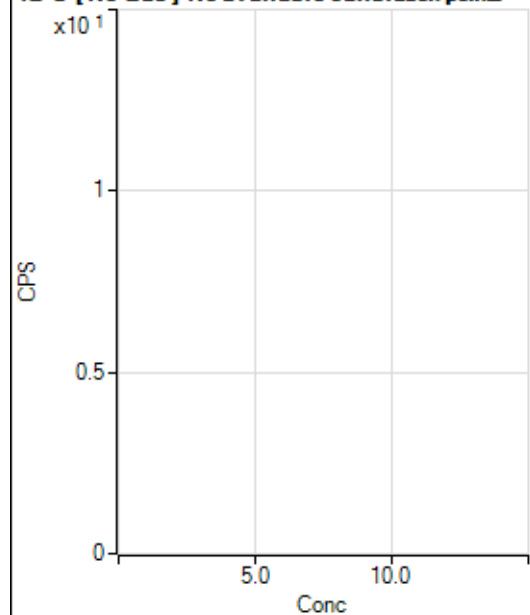
$$R = 0.9999$$

$$DL = 0.0424$$

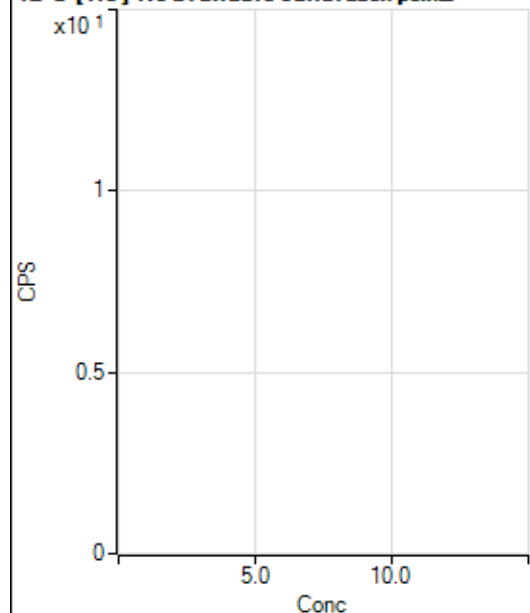
$$BEC = 1.793$$

Weight: <None>

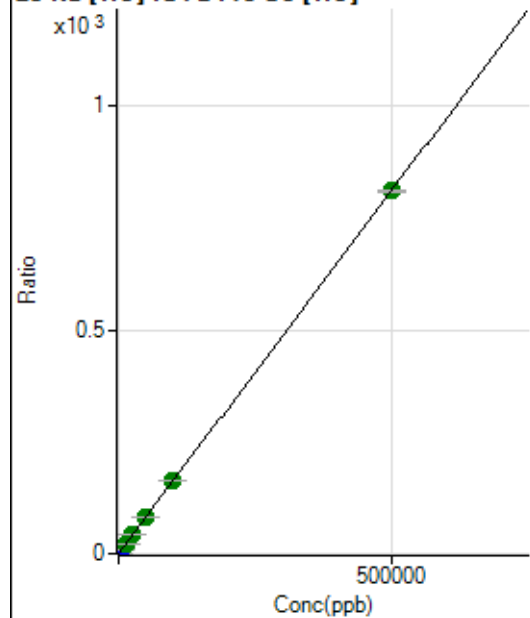
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10153.65	0.0332	P	1.3
2	☐	500.000	516.157	268955.97	0.8712	P	0.5
3	☐	5000.000	5230.054	2619976.82	8.5245	P	0.8
4	☐	12500.000	12750.901	6076117.58	20.7351	A	0.8
5	☐	25000.000	25497.885	11408049.82	41.4306	A	0.4
6	☐	50000.000	49931.115	21239232.77	81.0995	A	1.8
7	☐	100000.00	101120.59	40925874.18	164.2089	A	0.8
8	☐	500000.00	499749.28	203623761.5	811.4077	A	0.5

$$y = 0.0016 * x + 0.0332$$

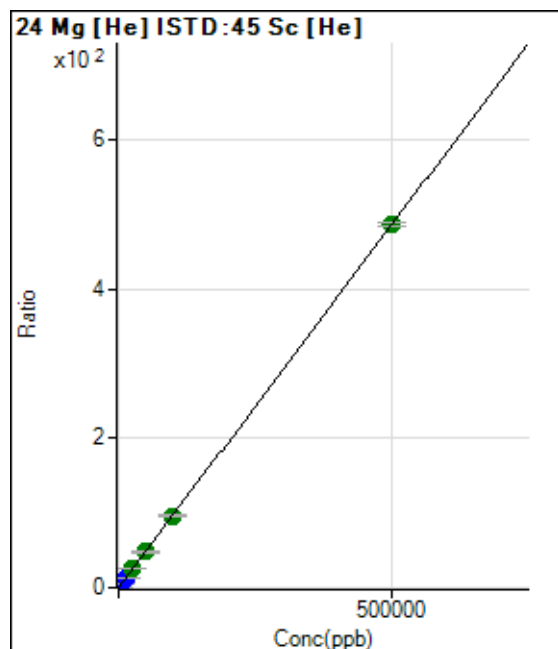
$$R = 1.0000$$

$$DL = 0.7786$$

$$BEC = 20.45$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.45	0.0007	P	20.5
2	☐	500.000	502.492	151063.39	0.4893	P	0.6
3	☐	5000.000	5199.361	1554075.07	5.0565	P	1.0
4	☐	12500.000	13099.298	3732661.07	12.7383	P	0.5
5	☐	25000.000	25408.818	6803731.66	24.7080	A	0.2
6	☐	50000.000	49342.047	12566194.03	47.9804	A	1.6
7	☐	100000.00	99319.449	24070185.95	96.5780	A	0.6
8	☐	500000.00	500164.48	122042638.8	486.3557	A	1.2

$$y = 9.7239\text{E-}004 * x + 7.1717\text{E-}004$$

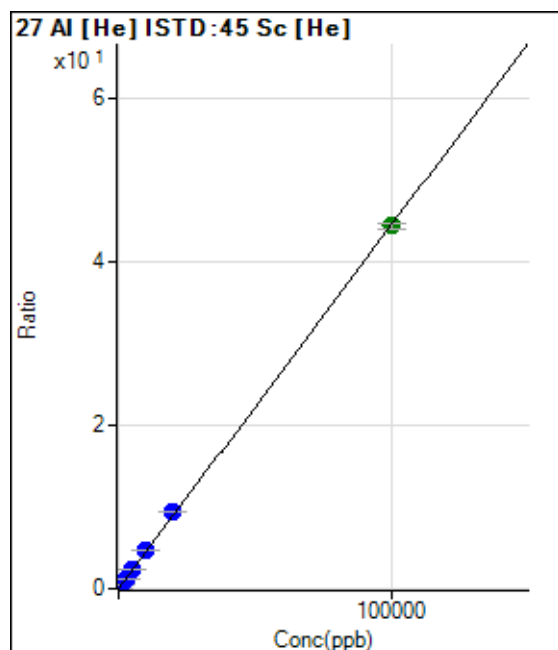
$$R = 1.0000$$

$$DL = 0.4546$$

$$BEC = 0.7375$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0002	P	17.8
2	☐	20.000	21.224	2969.82	0.0096	P	8.5
3	☐	1000.000	1069.322	146260.97	0.4759	P	1.6
4	☐	2500.000	2686.499	350248.62	1.1953	P	0.9
5	☐	5000.000	5363.245	657002.47	2.3861	P	0.7
6	☐	10000.000	10482.698	1221394.24	4.6636	P	1.5
7	☐	20000.000	20993.215	2327625.72	9.3394	P	0.8
8	☐	100000.00	99729.569	11133297.47	44.3667	A	1.2

$$y = 4.4487\text{E-}004 * x + 1.8177\text{E-}004$$

$$R = 0.9999$$

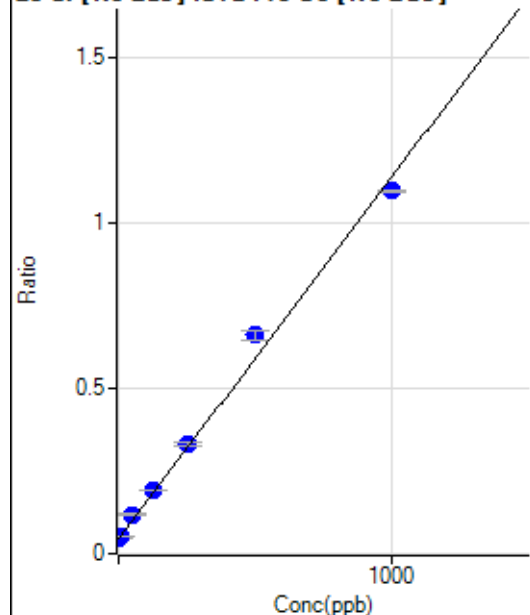
$$DL = 0.218$$

$$BEC = 0.4086$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	185712.23	0.0439	P	1.0
2	☐	10.000	9.222	229981.99	0.0540	P	2.2
3	☐	50.000	68.515	510695.91	0.1188	P	4.3
4	☐	125.000	135.104	783859.85	0.1916	P	1.1
5	☐	250.000	262.352	1302613.19	0.3307	P	2.3
6	☐	500.000	564.075	2419105.61	0.6604	P	4.8
7	☐	1000.000	962.694	3803095.66	1.0961	P	0.6
8	☐			301001.05	0.0887	P	9.6

$$y = 0.0011 * x + 0.0439$$

$$R = 0.9967$$

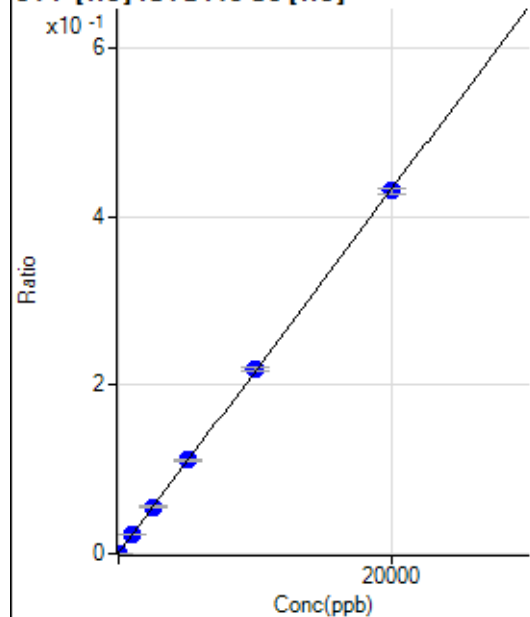
$$DL = 1.252$$

$$BEC = 40.18$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	1.999	230.56	0.0008	P	25.1
2	☐	0.000	-1.999	205.56	0.0007	P	19.9
3	☐	1000.000	1038.528	7104.65	0.0231	P	0.3
4	☐	2500.000	2543.510	16289.86	0.0556	P	1.4
5	☐	5000.000	5127.657	30662.50	0.1113	P	2.1
6	☐	10000.000	10096.712	57235.10	0.2185	P	1.7
7	☐	20000.000	19912.365	107244.37	0.4303	P	1.3
8	☐			183.34	0.0007	P	19.3

$$y = 2.1575E-005 * x + 7.0958E-004$$

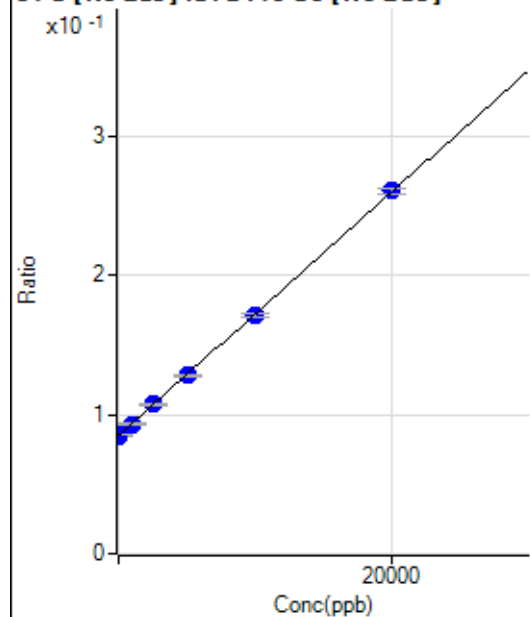
$$R = 1.0000$$

$$DL = 22.33$$

$$BEC = 32.89$$

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	-30.436	358957.25	0.0849	P	1.4
2	☐	0.000	30.436	363822.94	0.0854	P	0.7
3	☐	1000.000	935.221	401242.31	0.0933	P	1.6
4	☐	2500.000	2523.881	438731.46	0.1072	P	1.4
5	☐	5000.000	4928.798	505392.44	0.1283	P	1.3
6	☐	10000.000	9851.938	627544.18	0.1714	P	1.1
7	☐	20000.000	20092.085	905436.69	0.2610	P	1.9
8	☐			290959.78	0.0856	P	1.8

$$y = 8.7504\text{E-}006 * x + 0.0851$$

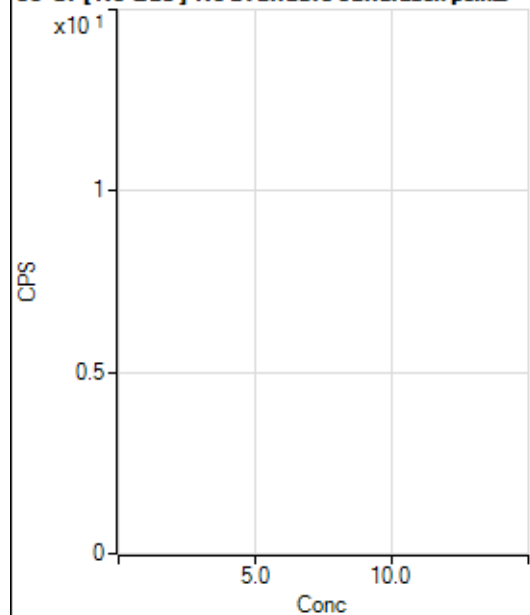
R = 0.9999

DL = 308.6

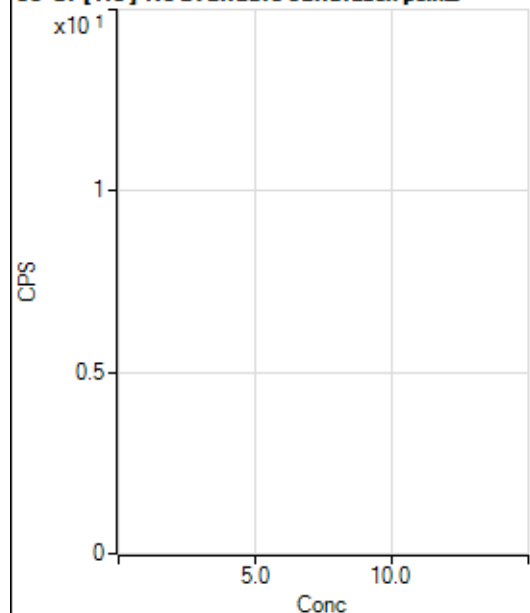
BEC = 9731

Weight: <None>

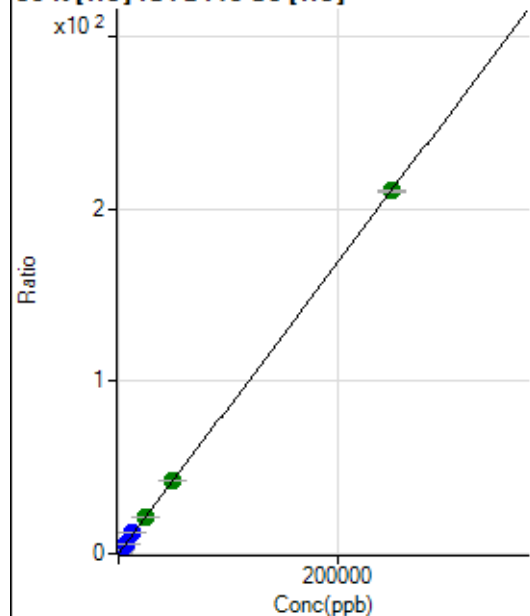
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32937.06	0.1077	P	4.8
2	☐	500.000	541.042	173829.71	0.5631	P	1.2
3	☐	2500.000	2812.656	760708.45	2.4751	P	1.5
4	☐	6250.000	7030.922	1765732.22	6.0257	P	0.7
5	☐	12500.000	13979.711	3269737.60	11.8747	P	0.6
6	☐	25000.000	25129.012	5567407.33	21.2592	A	2.2
7	☐	50000.000	50183.392	10554453.45	42.3480	A	0.8
8	☐	250000.00	249853.70	52803493.89	210.4144	A	0.8

$$y = 8.4172E-004 * x + 0.1077$$

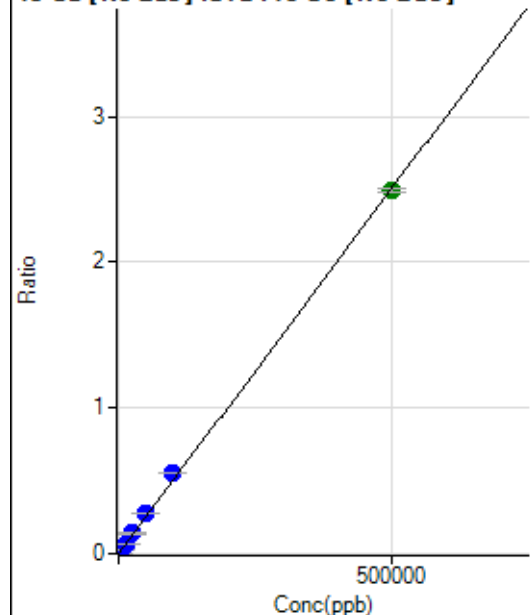
$$R = 1.0000$$

$$DL = 18.58$$

$$BEC = 127.9$$

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	119.45	0.0000	P	36.1
2	☐	500.000	499.890	10784.76	0.0025	P	1.8
3	☐	5000.000	5541.880	119450.78	0.0278	P	0.9
4	☐	12500.000	13929.591	285545.68	0.0698	P	0.6
5	☐	25000.000	27818.327	549030.81	0.1393	P	2.2
6	☐	50000.000	54897.427	1006988.89	0.2750	P	0.6
7	☐	100000.00	110653.22	1922845.68	0.5542	P	0.3
8	☐	500000.00	497197.53	8458969.03	2.4900	A	1.0

$$y = 5.0081\text{E-}006 * x + 2.8262\text{E-}005$$

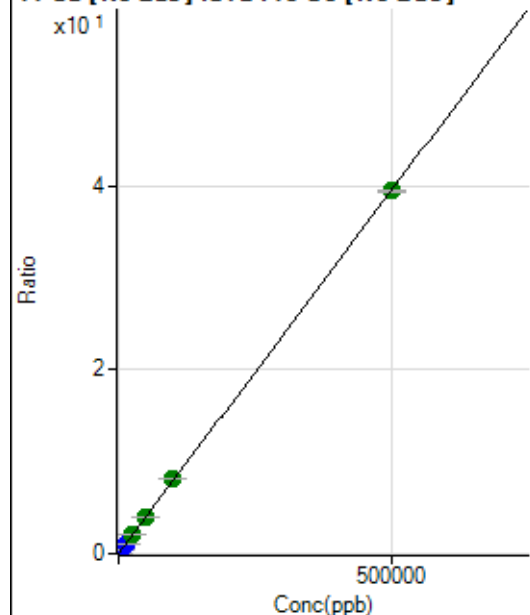
$$R = 0.9997$$

$$DL = 6.105$$

$$BEC = 5.643$$

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	4017.32	0.0009	P	7.3
2	☐	500.000	537.174	184878.99	0.0434	P	0.1
3	☐	5000.000	5600.896	1907152.41	0.4436	P	0.4
4	☐	12500.000	14080.871	4556998.67	1.1138	P	0.3
5	☐	25000.000	25766.435	8027018.67	2.0373	A	1.4
6	☐	50000.000	50809.706	14709784.53	4.0164	A	0.5
7	☐	100000.00	102855.56	28206841.60	8.1296	A	0.2
8	☐	500000.00	499264.02	134039558.5	39.4579	A	0.6

$$y = 7.9030\text{E-}005 * x + 9.4994\text{E-}004$$

$$R = 1.0000$$

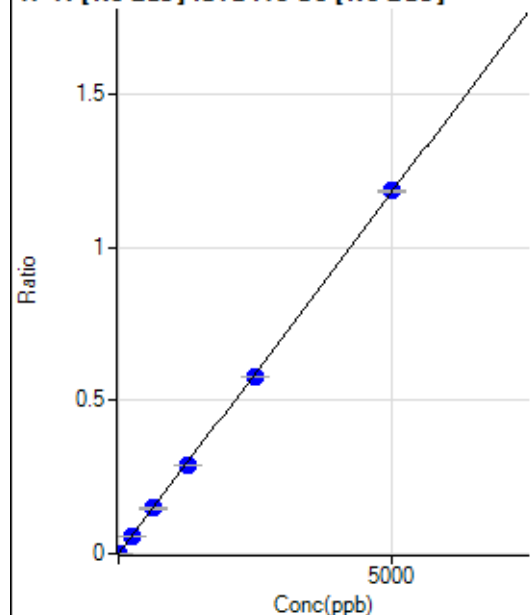
$$DL = 2.618$$

$$BEC = 12.02$$

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	36.11	0.0000	P	58.3
2	☐	5.000	4.473	4525.82	0.0011	P	1.0
3	☐	250.000	248.655	251941.11	0.0586	P	0.6
4	☐	625.000	626.748	604280.05	0.1477	P	0.4
5	☐	1250.000	1235.028	1146675.29	0.2910	P	0.5
6	☐	2500.000	2456.827	2120223.55	0.5789	P	0.4
7	☐	5000.000	5025.179	4108414.28	1.1841	P	0.4
8	☐			536.14	0.0002	P	18.1

$$y = 2.3563E-004 * x + 8.5470E-006$$

$$R = 0.9999$$

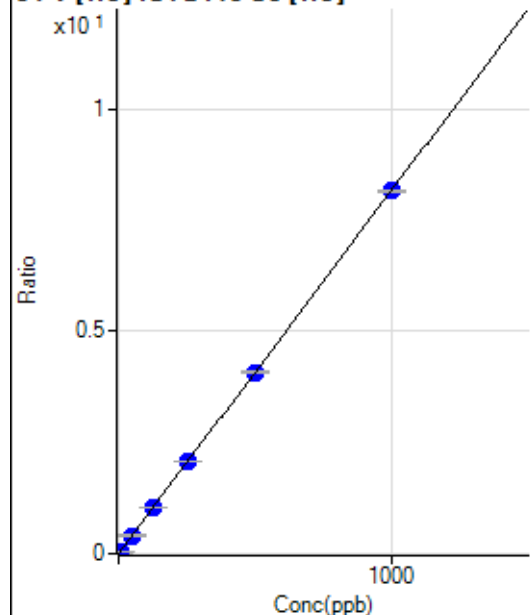
$$DL = 0.06344$$

$$BEC = 0.03627$$

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	7.78	0.0000	P	65.9
2	☐	5.000	5.051	12741.14	0.0413	P	3.7
3	☐	50.000	50.255	126116.21	0.4103	P	0.5
4	☐	125.000	126.637	302964.64	1.0339	P	0.7
5	☐	250.000	253.182	569188.53	2.0671	P	0.2
6	☐	500.000	500.247	1069663.88	4.0842	P	1.4
7	☐	1000.000	998.863	2032598.56	8.1551	P	0.5
8	☐			367.78	0.0015	P	1.0

$$y = 0.0082 * x + 2.5442E-005$$

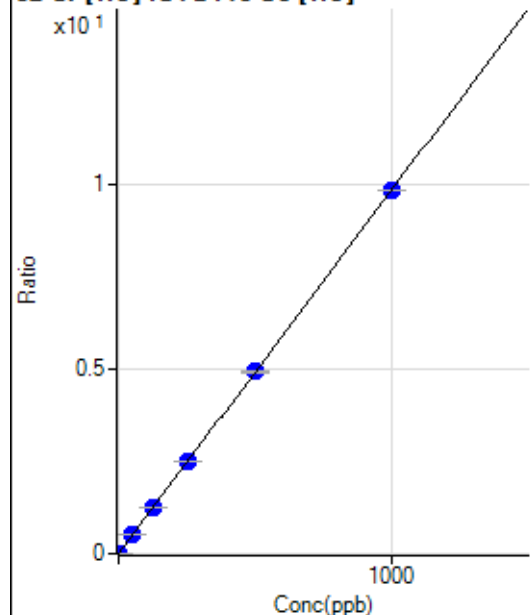
$$R = 1.0000$$

$$DL = 0.006158$$

$$BEC = 0.003116$$

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	730.03	0.0024	P	17.4
2	☐	2.000	2.044	6937.25	0.0225	P	3.0
3	☐	50.000	50.667	153790.75	0.5004	P	0.4
4	☐	125.000	128.258	370090.65	1.2630	P	1.2
5	☐	250.000	254.748	690086.52	2.5063	P	0.8
6	☐	500.000	500.243	1288280.39	4.9192	P	1.8
7	☐	1000.000	998.251	2446036.61	9.8141	P	0.0
8	☐			7648.73	0.0305	P	2.1

$$y = 0.0098 * x + 0.0024$$

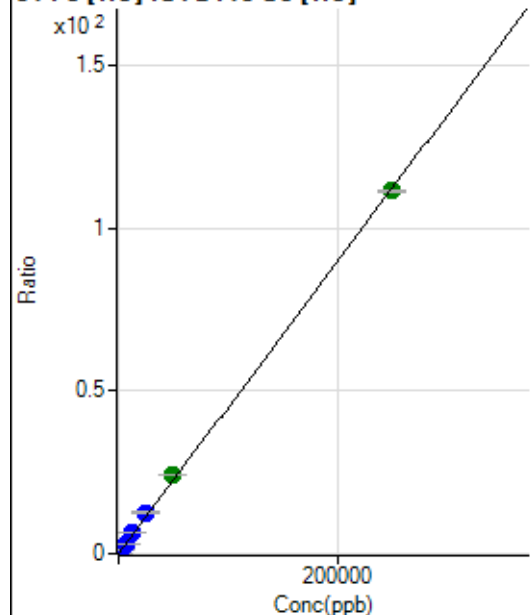
$$R = 1.0000$$

$$DL = 0.1265$$

$$BEC = 0.2427$$

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	941.00	0.0031	P	9.8
2	☐	50.000	55.777	8664.85	0.0281	P	4.2
3	☐	2500.000	2849.454	393302.04	1.2797	P	0.4
4	☐	6250.000	7176.071	942952.76	3.2180	P	0.4
5	☐	12500.000	14441.009	1782276.98	6.4728	P	0.5
6	☐	25000.000	28299.817	3321220.03	12.6817	P	1.7
7	☐	50000.000	53672.734	5993871.42	24.0490	A	0.1
8	☐	250000.00	248811.77	27973578.84	111.4733	A	0.8

$$y = 4.4801E-004 * x + 0.0031$$

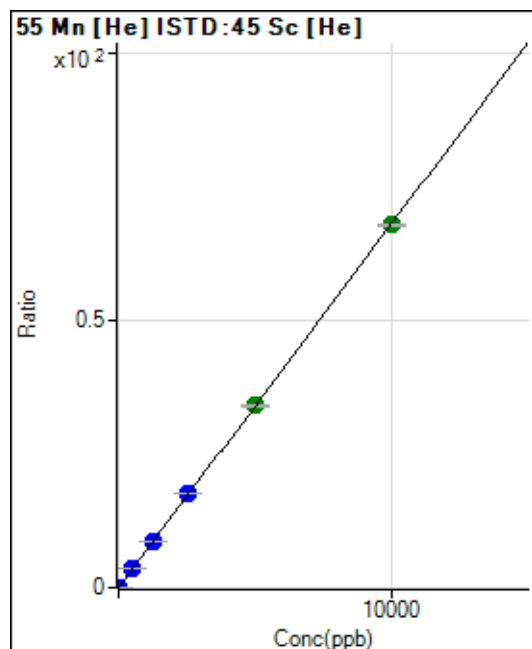
$$R = 0.9998$$

$$DL = 2.021$$

$$BEC = 6.864$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0002	P	16.8
2	☐	1.000	1.001	2163.51	0.0070	P	3.1
3	☐	500.000	512.855	1073054.74	3.4914	P	0.9
4	☐	1250.000	1287.818	2568806.47	8.7669	P	0.5
5	☐	2500.000	2586.666	4848652.92	17.6087	P	0.3
6	☐	5000.000	4998.240	8910939.38	34.0253	A	1.7
7	☐	10000.000	9973.844	16921581.55	67.8963	A	0.7
8	☐			16826.36	0.0670	P	1.1

$$y = 0.0068 * x + 1.9266E-004$$

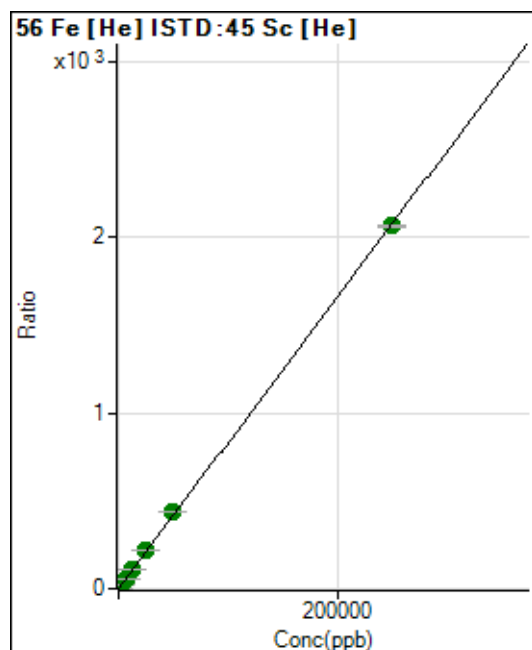
$$R = 1.0000$$

$$DL = 0.01427$$

$$BEC = 0.0283$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4083.97	0.0134	P	3.8
2	☐	50.000	56.908	149594.19	0.4846	P	1.4
3	☐	2500.000	2654.790	6760469.19	21.9967	A	1.9
4	☐	6250.000	6656.255	16155185.20	55.1313	A	0.6
5	☐	12500.000	13459.747	30691957.17	111.4685	A	1.1
6	☐	25000.000	26470.267	57409908.23	219.2037	A	1.4
7	☐	50000.000	53062.360	109510387.6	439.4028	A	0.9
8	☐	250000.00	249180.80	517797730.0	2063.385	A	0.6

$$y = 0.0083 * x + 0.0134$$

$$R = 0.9999$$

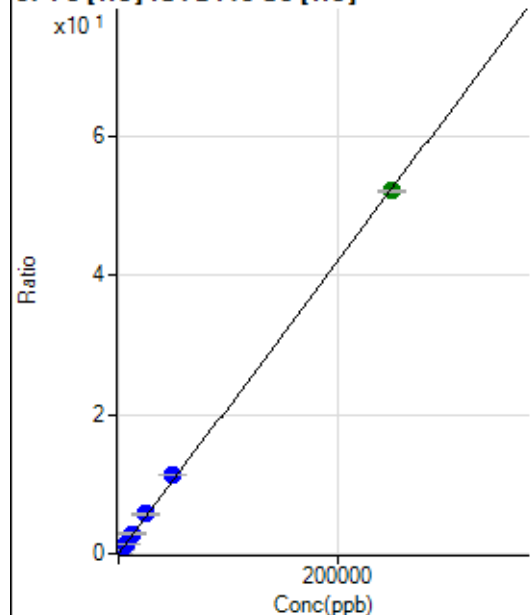
$$DL = 0.1853$$

$$BEC = 1.613$$

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	140.74	0.0005	P	14.1
2	☐	50.000	58.630	3932.08	0.0127	P	5.7
3	☐	2500.000	2735.459	176128.57	0.5731	P	1.2
4	☐	6250.000	6872.275	421674.67	1.4390	P	0.6
5	☐	12500.000	13818.732	796616.51	2.8931	P	0.5
6	☐	25000.000	27173.620	1489869.97	5.6887	P	1.4
7	☐	50000.000	54234.831	2829644.04	11.3533	P	0.4
8	☐	250000.00	248851.82	13073298.91	52.0921	A	0.2

$$y = 2.0933\text{E-}004 * x + 4.6032\text{E-}004$$

$$R = 0.9998$$

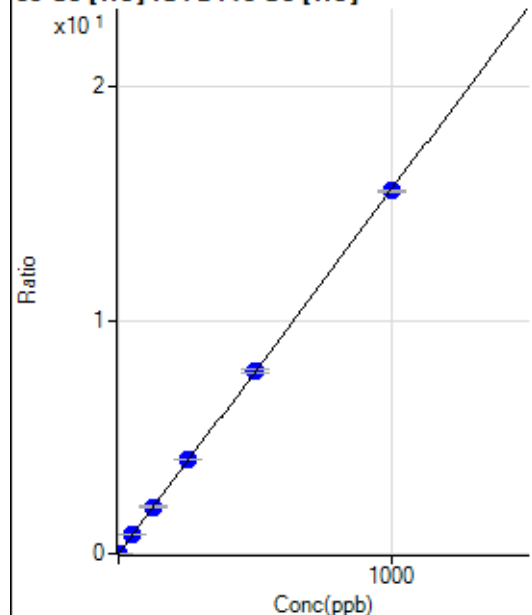
$$DL = 0.9329$$

$$BEC = 2.199$$

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	65.55	0.0002	P	24.8
2	☐	1.000	1.051	5133.17	0.0166	P	1.2
3	☐	50.000	51.644	247851.06	0.8064	P	0.3
4	☐	125.000	129.011	590183.35	2.0142	P	0.6
5	☐	250.000	257.544	1107091.38	4.0207	P	0.4
6	☐	500.000	502.960	2056270.42	7.8518	P	1.8
7	☐	1000.000	996.050	3875415.78	15.5493	P	0.2
8	☐			9550.95	0.0381	P	0.3

$$y = 0.0156 * x + 2.1462\text{E-}004$$

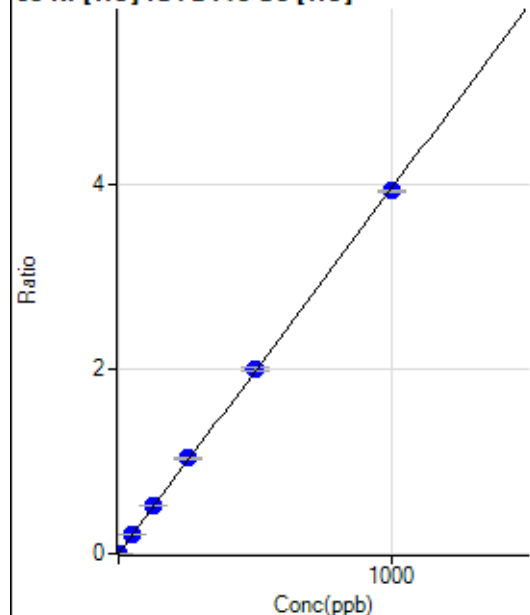
$$R = 1.0000$$

$$DL = 0.01021$$

$$BEC = 0.01375$$

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	151.12	0.0005	P	16.2
2	☐	1.000	1.145	1551.21	0.0050	P	3.2
3	☐	50.000	52.335	63809.04	0.2076	P	0.7
4	☐	125.000	132.375	153649.00	0.5244	P	0.5
5	☐	250.000	261.670	285253.08	1.0361	P	1.5
6	☐	500.000	505.287	523809.10	2.0002	P	1.9
7	☐	1000.000	993.400	979958.52	3.9319	P	0.2
8	☐			3557.13	0.0142	P	2.3

$$y = 0.0040 * x + 4.9380E-004$$

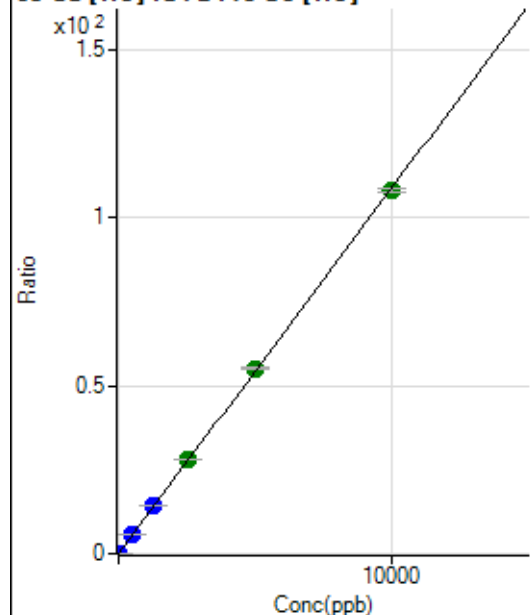
$$R = 0.9999$$

$$DL = 0.06055$$

$$BEC = 0.1248$$

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	710.02	0.0023	P	14.0
2	☐	2.000	1.971	7321.90	0.0237	P	0.9
3	☐	500.000	527.270	1760074.82	5.7268	P	0.6
4	☐	1250.000	1314.904	4183657.54	14.2779	P	0.7
5	☐	2500.000	2591.539	7748166.21	28.1381	A	0.3
6	☐	5000.000	5070.961	14419898.81	55.0566	A	1.4
7	☐	10000.000	9932.158	26874730.99	107.8336	A	1.1
8	☐			5238.76	0.0209	P	1.2

$$y = 0.0109 * x + 0.0023$$

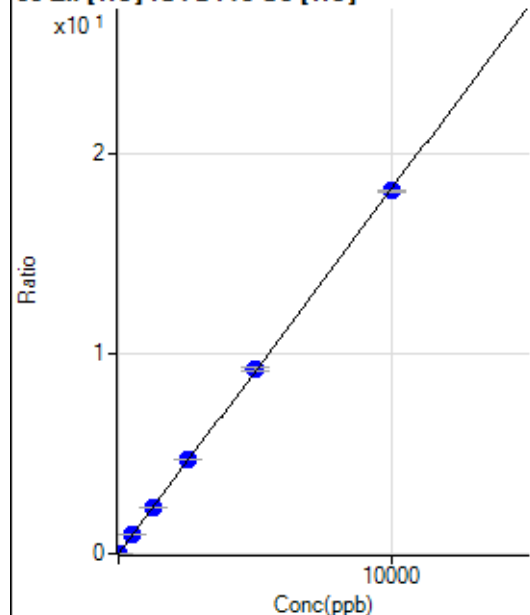
$$R = 0.9999$$

$$DL = 0.08943$$

$$BEC = 0.2137$$

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	347.79	0.0011	P	16.1
2	☐	2.000	2.380	1692.34	0.0055	P	4.8
3	☐	500.000	520.178	292182.08	0.9507	P	0.5
4	☐	1250.000	1285.902	688122.60	2.3484	P	0.6
5	☐	2500.000	2583.888	1299084.31	4.7177	P	0.1
6	☐	5000.000	5054.734	2416726.30	9.2279	P	1.7
7	☐	10000.000	9946.164	4525232.92	18.1566	P	0.6
8	☐			8335.78	0.0332	P	1.5

$$y = 0.0018 * x + 0.0011$$

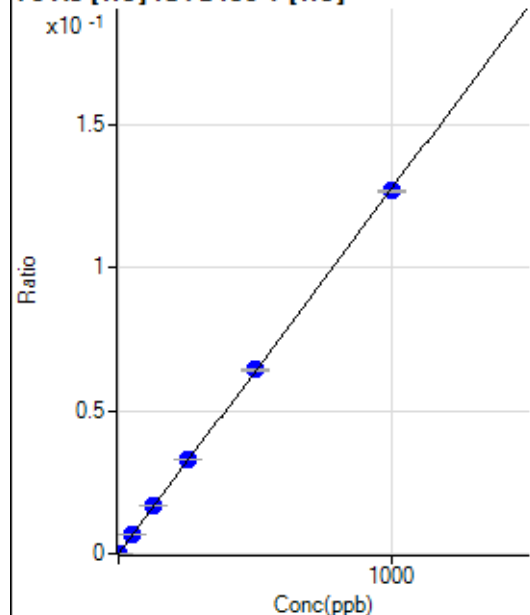
$$R = 0.9999$$

$$DL = 0.3013$$

$$BEC = 0.6236$$

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	11.11	0.0000	P	1.4
2	☐	1.000	1.028	342.60	0.0001	P	4.7
3	☐	50.000	52.439	16750.42	0.0067	P	1.1
4	☐	125.000	130.620	39986.79	0.0167	P	1.4
5	☐	250.000	257.721	75104.54	0.0329	P	0.9
6	☐	500.000	505.025	141174.70	0.0644	P	1.4
7	☐	1000.000	994.733	267031.30	0.1269	P	0.7
8	☐			91.36	0.0000	P	20.2

$$y = 1.2760E-004 * x + 4.4493E-006$$

$$R = 0.9999$$

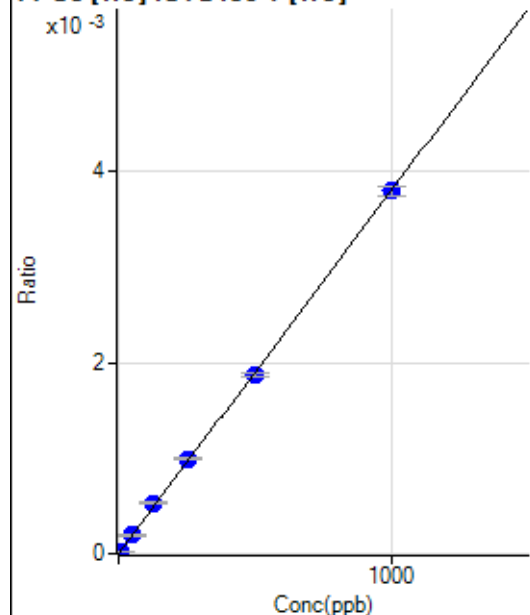
$$DL = 0.001467$$

$$BEC = 0.03487$$

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	0.00	0.0000	P	
2	☐	5.000	5.778	55.55	0.0000	P	23.6
3	☐	50.000	50.689	482.24	0.0002	P	6.9
4	☐	125.000	138.646	1264.51	0.0005	P	3.1
5	☐	250.000	261.851	2273.54	0.0010	P	2.1
6	☐	500.000	493.694	4111.72	0.0019	P	2.1
7	☐	1000.000	998.446	7985.60	0.0038	P	3.0
8	☐			0.00	0.0000	P	

$$y = 3.8024\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

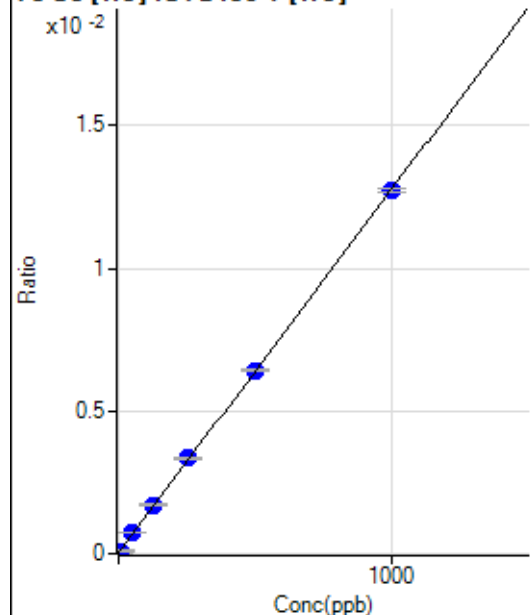
$$DL = 0$$

$$BEC = 0$$

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	75.31	0.0000	P	14.3
2	☐	5.000	5.345	248.15	0.0001	P	9.7
3	☐	50.000	55.327	1838.40	0.0007	P	1.1
4	☐	125.000	130.657	4062.93	0.0017	P	2.9
5	☐	250.000	260.348	7640.93	0.0033	P	2.2
6	☐	500.000	500.830	14042.00	0.0064	P	1.0
7	☐	1000.000	996.023	26752.39	0.0127	P	1.0
8	☐			70.99	0.0000	P	3.8

$$y = 1.2738\text{E-}005 * x + 3.0115\text{E-}005$$

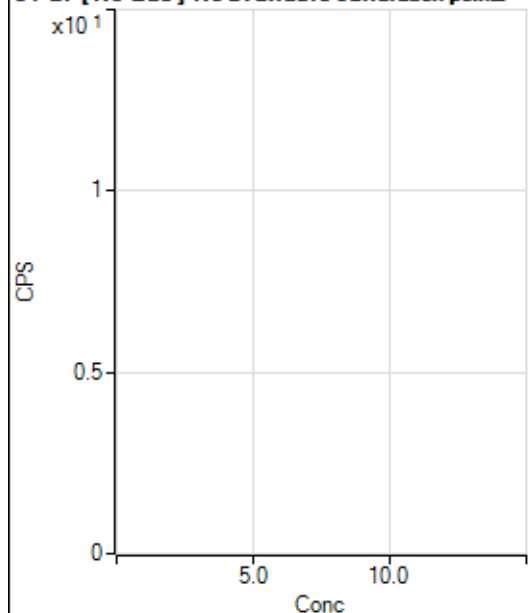
$$R = 0.9999$$

$$DL = 1.016$$

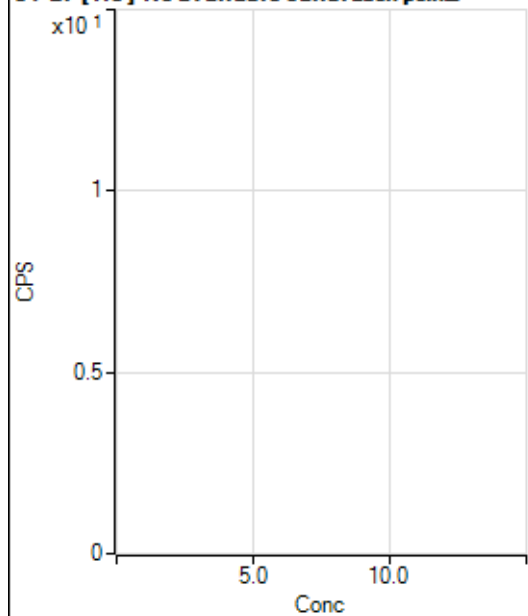
$$BEC = 2.364$$

Weight: <None>

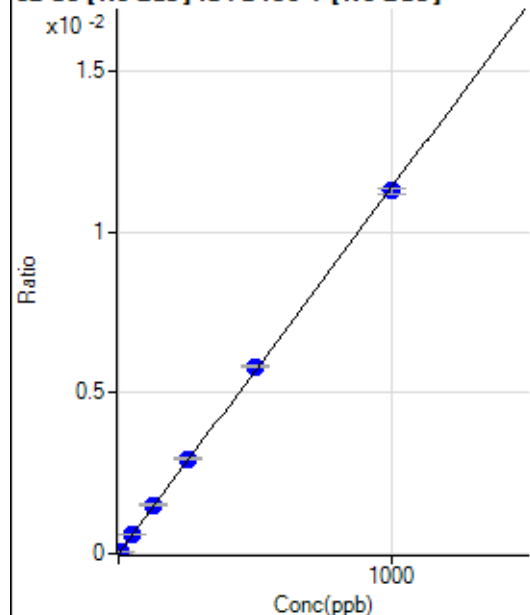
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7752.32		P	6.9
2	☐			8358.18		P	4.3
3	☐			7624.48		P	3.2
4	☐			7627.22		P	6.0
5	☐			6918.53		P	5.1
6	☐			6332.14		P	5.4
7	☐			5912.49		P	7.6
8	☐			6051.44		P	5.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.77		P	31.6
2	☐			30.03		P	57.7
3	☐			56.72		P	53.9
4	☐			50.05		P	52.9
5	☐			53.39		P	28.6
6	☐			50.05		P	60.0
7	☐			40.04		P	50.0
8	☐			60.06		P	57.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-7.21	0.0000	P	-158.
2	☐	5.000	5.184	666.58	0.0001	P	6.3
3	☐	50.000	53.372	6915.27	0.0006	P	2.2
4	☐	125.000	133.376	16620.77	0.0015	P	1.6
5	☐	250.000	258.620	31532.06	0.0029	P	1.9
6	☐	500.000	510.967	58995.63	0.0058	P	1.2
7	☐	1000.000	991.145	111134.35	0.0113	P	1.5
8	☐			37.12	0.0000	P	255.5

$$y = 1.1371E-005 * x - 6.4561E-007$$

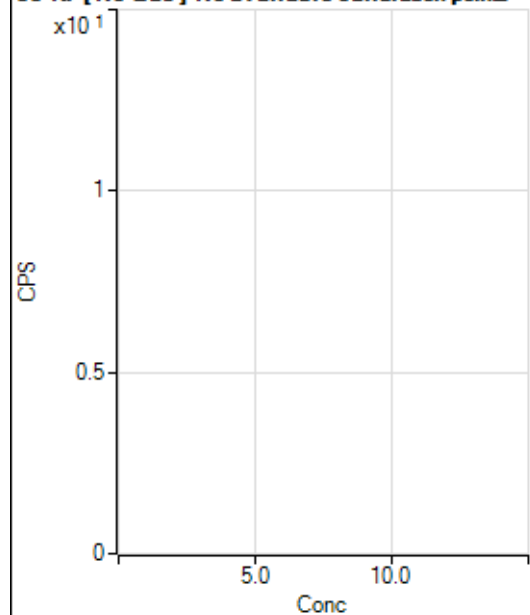
$$R = 0.9999$$

$$DL = 0.2697$$

$$BEC = -0.05678$$

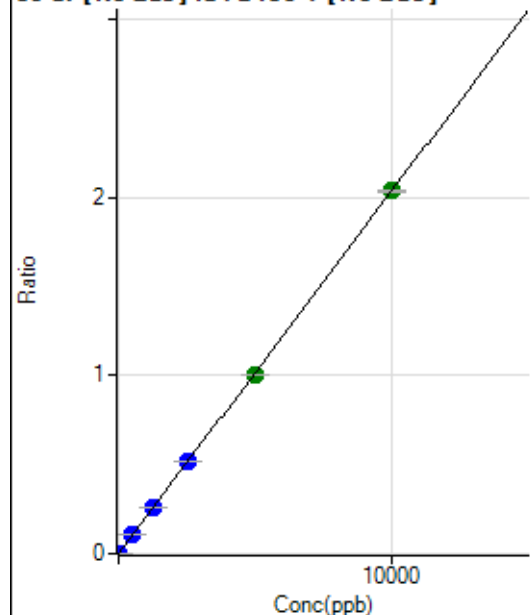
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			550.02		P	3.2
2	☐			576.68		P	6.5
3	☐			586.69		P	7.4
4	☐			503.35		P	7.5
5	☐			541.13		P	5.0
6	☐			502.24		P	12.8
7	☐			470.02		P	3.2
8	☐			437.79		P	16.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	880.60	0.0001	P	2.4
2	☐	1.000	1.042	3319.92	0.0003	P	4.7
3	☐	500.000	510.233	1186045.87	0.1040	P	0.1
4	☐	1250.000	1291.687	2884772.49	0.2631	P	0.2
5	☐	2500.000	2538.651	5545362.24	0.5171	P	1.4
6	☐	5000.000	4946.411	10230113.16	1.0074	A	0.4
7	☐	10000.000	10011.409	20104714.69	2.0389	A	0.6
8	☐			7846.78	0.0008	P	2.6

$$y = 2.0365E-004 * x + 7.8418E-005$$

$$R = 1.0000$$

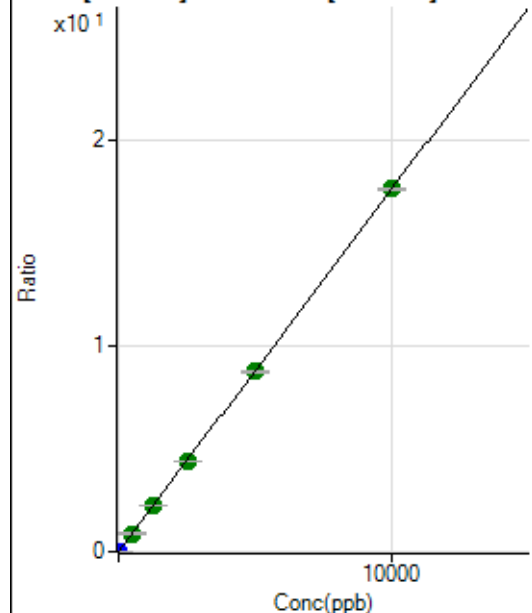
$$DL = 0.0277$$

$$BEC = 0.3851$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	14.0
2	☐	1.000	1.109	22479.05	0.0020	P	2.0
3	☐	500.000	504.142	10122590.07	0.8875	A	0.4
4	☐	1250.000	1271.000	24530101.07	2.2375	A	0.7
5	☐	2500.000	2493.697	47081176.40	4.3899	A	1.1
6	☐	5000.000	4967.115	88793156.15	8.7441	A	1.0
7	☐	10000.000	10015.186	173849348.3	17.6306	A	0.8
8	☐			62673.08	0.0066	P	1.0

$$y = 0.0018 * x + 1.5087E-005$$

$$R = 1.0000$$

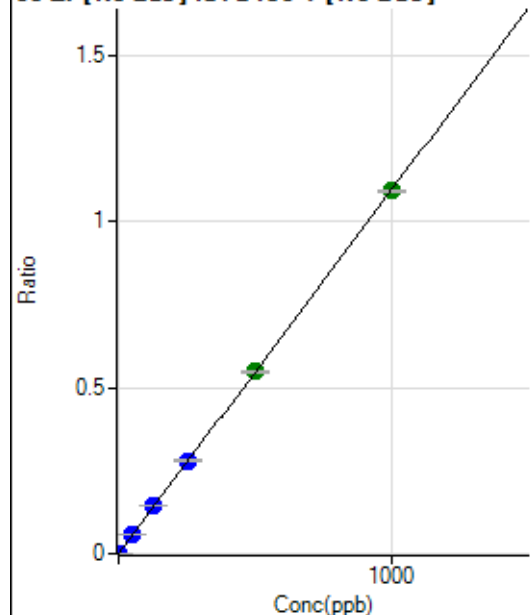
$$DL = 0.003592$$

$$BEC = 0.00857$$

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	611.14	0.0001	P	21.6
2	☐	1.000	0.951	12514.06	0.0011	P	2.6
3	☐	50.000	51.119	638590.46	0.0560	P	0.5
4	☐	125.000	130.497	1566005.39	0.1428	P	0.9
5	☐	250.000	255.852	3003016.91	0.2800	P	1.0
6	☐	500.000	500.306	5559479.94	0.5475	A	1.1
7	☐	1000.000	997.641	10764520.47	1.0917	A	0.7
8	☐			2583.65	0.0003	P	7.0

$$y = 0.0011 * x + 5.4402E-005$$

$$R = 1.0000$$

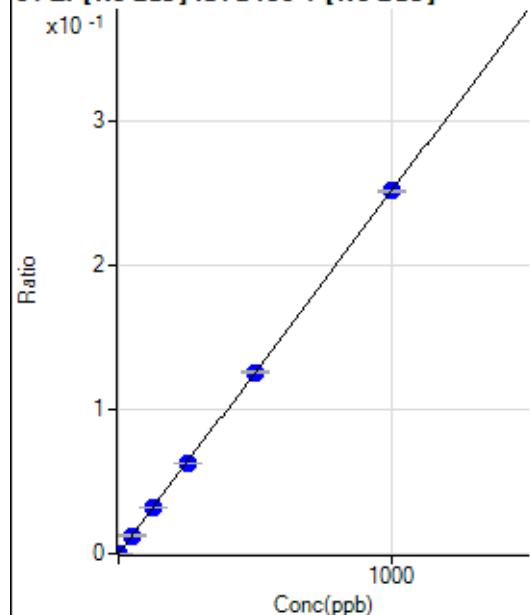
$$DL = 0.03225$$

$$BEC = 0.04972$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	4.3
2	☐	1.000	0.939	2803.13	0.0002	P	5.1
3	☐	50.000	50.158	143871.30	0.0126	P	0.9
4	☐	125.000	127.706	351926.23	0.0321	P	1.5
5	☐	250.000	248.644	670238.00	0.0625	P	0.8
6	☐	500.000	499.437	1274566.78	0.1255	P	1.0
7	☐	1000.000	1000.274	2478745.65	0.2514	P	0.7
8	☐			563.92	0.0001	P	13.7

$$y = 2.5130E-004 * x + 9.4003E-006$$

$$R = 1.0000$$

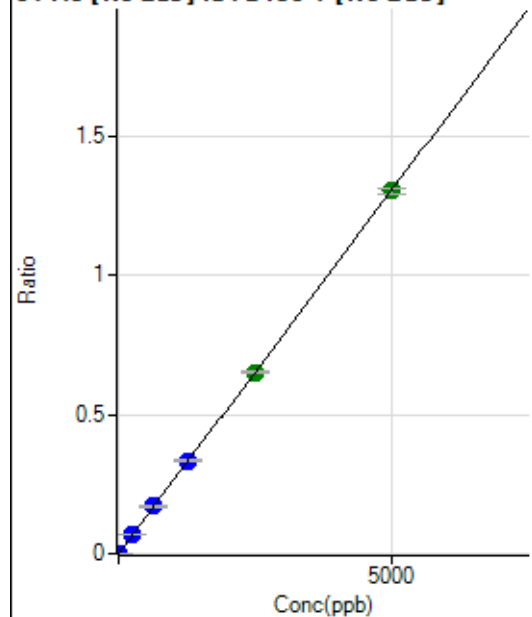
$$DL = 0.00486$$

$$BEC = 0.03741$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	28.0
2	☐	5.000	4.953	14955.37	0.0013	P	1.0
3	☐	250.000	258.552	769045.23	0.0674	P	0.9
4	☐	625.000	651.138	1861328.84	0.1698	P	1.0
5	☐	1250.000	1282.810	3587254.29	0.3345	P	0.7
6	☐	2500.000	2489.053	6589895.94	0.6490	A	1.0
7	☐	5000.000	4993.576	12837877.89	1.3019	A	1.6
8	☐			2414.17	0.0003	P	8.0

$$y = 2.6072\text{E-}004 * x + 1.7334\text{E-}005$$

$$R = 1.0000$$

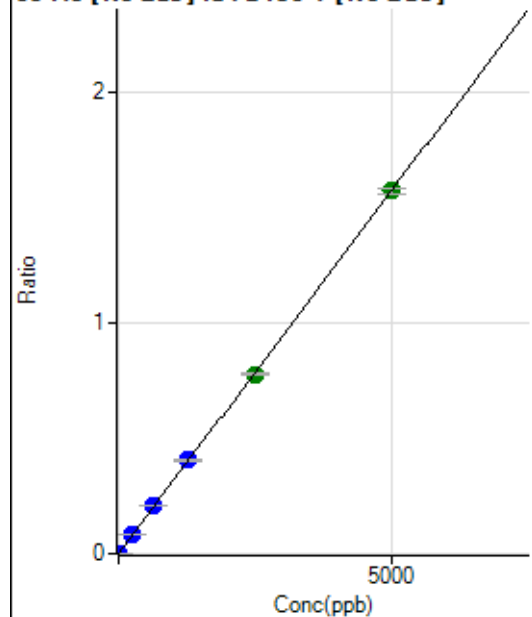
$$DL = 0.05577$$

$$BEC = 0.06648$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	65.9
2	☐	5.000	5.090	18309.25	0.0016	P	0.7
3	☐	250.000	259.527	929992.74	0.0815	P	0.4
4	☐	625.000	656.770	2262065.16	0.2063	P	1.2
5	☐	1250.000	1288.373	4341132.87	0.4048	P	0.9
6	☐	2500.000	2473.840	7892137.33	0.7772	A	0.9
7	☐	5000.000	4999.039	15486396.18	1.5705	A	1.4
8	☐			2855.92	0.0003	P	4.6

$$y = 3.1417\text{E-}004 * x + 2.9642\text{E-}006$$

$$R = 0.9999$$

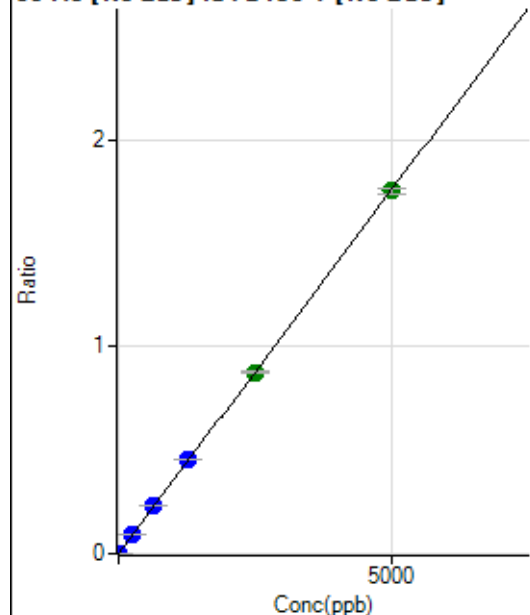
$$DL = 0.01866$$

$$BEC = 0.009435$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	14.3
2	☐	5.000	5.009	20198.00	0.0018	P	2.4
3	☐	250.000	260.402	1043673.50	0.0915	P	0.4
4	☐	625.000	657.449	2532597.80	0.2310	P	0.8
5	☐	1250.000	1291.067	4865333.74	0.4536	P	0.9
6	☐	2500.000	2494.835	8901745.95	0.8766	A	0.8
7	☐	5000.000	4987.739	17280909.76	1.7525	A	1.3
8	☐			4270.19	0.0005	P	4.1

$$y = 3.5137\text{E-}004 * x + 7.6654\text{E-}006$$

$$R = 1.0000$$

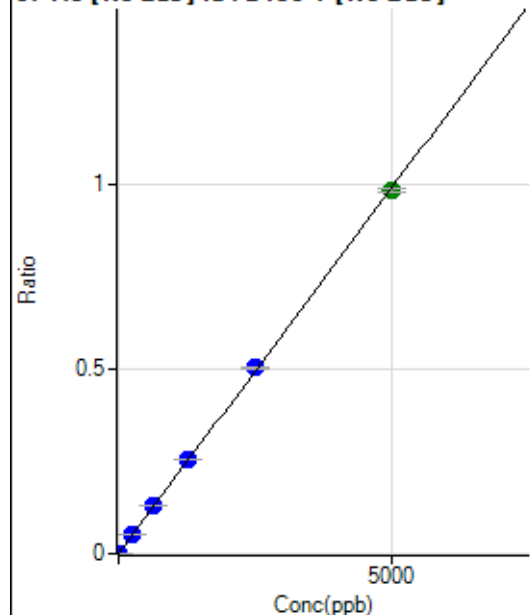
$$DL = 0.009333$$

$$BEC = 0.02182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	115.7
2	☐	5.000	5.216	11838.59	0.0010	P	1.0
3	☐	250.000	257.574	582264.47	0.0511	P	0.5
4	☐	625.000	653.385	1419713.51	0.1295	P	0.1
5	☐	1250.000	1282.203	2725411.71	0.2541	P	0.8
6	☐	2500.000	2546.375	5124722.07	0.5047	P	0.7
7	☐	5000.000	4964.835	9702526.08	0.9840	A	1.2
8	☐			1755.71	0.0002	P	5.7

$$y = 1.9819\text{E-}004 * x + 2.2309\text{E-}006$$

$$R = 0.9999$$

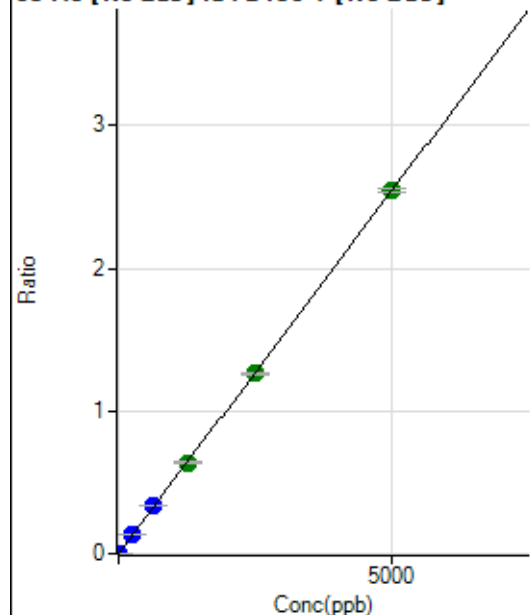
$$DL = 0.03907$$

$$BEC = 0.01126$$

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	69.45	0.0000	P	25.4
2	☐	5.000	5.240	30474.75	0.0027	P	2.3
3	☐	250.000	259.776	1504751.70	0.1319	P	0.2
4	☐	625.000	658.737	3667473.65	0.3345	P	0.9
5	☐	1250.000	1252.548	6822056.57	0.6361	A	1.4
6	☐	2500.000	2481.440	12795985.27	1.2602	A	1.8
7	☐	5000.000	5003.937	25057326.25	2.5412	A	1.0
8	☐			4586.97	0.0005	P	7.2

$$y = 5.0783\text{E-}004 * x + 6.1901\text{E-}006$$

$$R = 1.0000$$

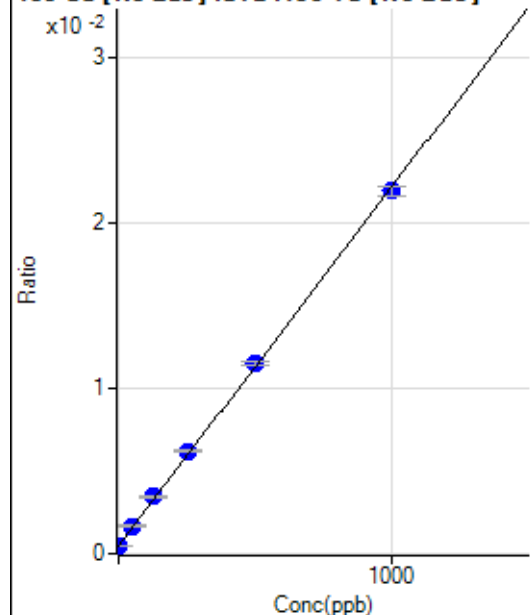
$$DL = 0.009289$$

$$BEC = 0.01219$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4581.41	0.0005	P	2.8
2	☐	1.000	1.364	4956.55	0.0005	P	4.8
3	☐	50.000	55.706	16854.85	0.0017	P	2.1
4	☐	125.000	137.775	34049.87	0.0035	P	1.5
5	☐	250.000	263.726	60694.03	0.0062	P	2.0
6	☐	500.000	509.648	110819.52	0.0115	P	2.4
7	☐	1000.000	989.862	207402.72	0.0220	P	2.3
8	☐			3753.39	0.0004	P	1.3

$$y = 2.1713\text{E-}005 * x + 4.6684\text{E-}004$$

$$R = 0.9998$$

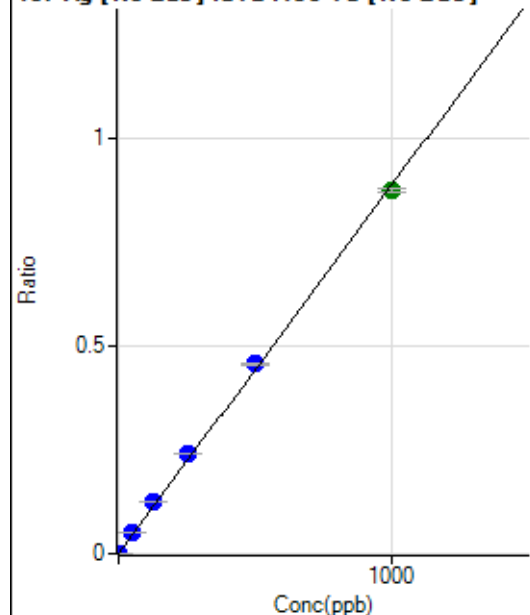
$$DL = 1.788$$

$$BEC = 21.5$$

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	94.45	0.0000	P	13.3
2	☐	1.000	1.097	9792.51	0.0010	P	1.2
3	☐	50.000	56.825	505723.88	0.0503	P	0.9
4	☐	125.000	141.439	1232775.50	0.1252	P	1.3
5	☐	250.000	270.965	2350887.81	0.2399	P	1.2
6	☐	500.000	514.485	4376015.59	0.4554	P	1.6
7	☐	1000.000	985.120	8236332.39	0.8720	A	0.9
8	☐			1491.79	0.0002	P	10.3

$$y = 8.8519E-004 * x + 9.6234E-006$$

$$R = 0.9995$$

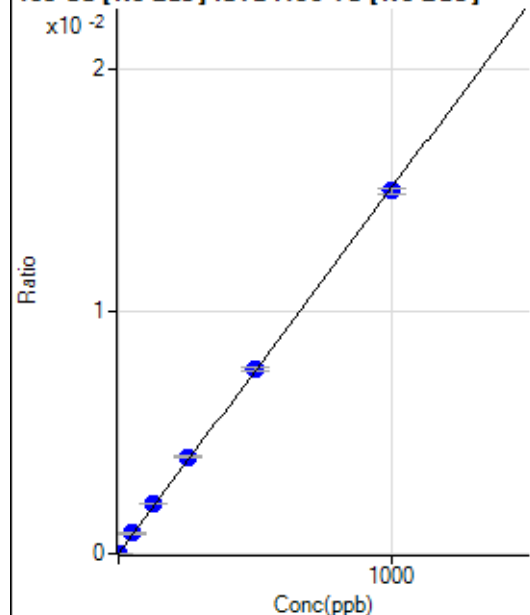
$$DL = 0.004349$$

$$BEC = 0.01087$$

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	47.22	0.0000	P	17.5
2	☐	1.000	0.982	195.84	0.0000	P	21.5
3	☐	50.000	55.262	8442.88	0.0008	P	2.3
4	☐	125.000	136.870	20413.37	0.0021	P	0.9
5	☐	250.000	262.898	38982.53	0.0040	P	1.9
6	☐	500.000	506.321	73565.15	0.0077	P	2.0
7	☐	1000.000	991.868	141617.37	0.0150	P	1.4
8	☐			70.83	0.0000	P	6.7

$$y = 1.5112E-005 * x + 4.8060E-006$$

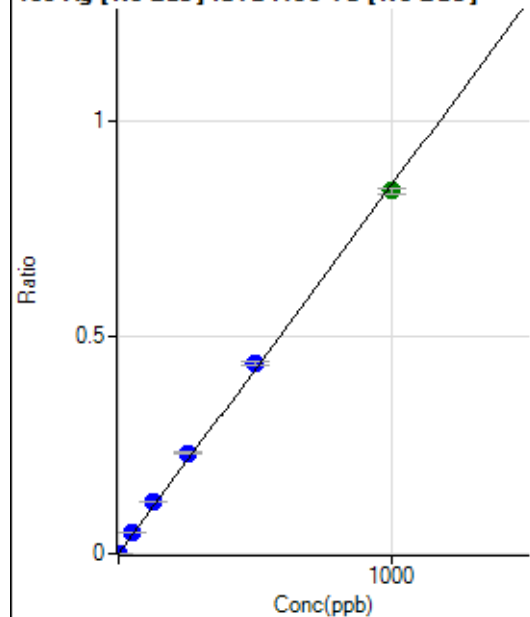
$$R = 0.9998$$

$$DL = 0.1667$$

$$BEC = 0.318$$

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	44.45	0.0000	P	46.7
2	☐	1.000	1.049	8953.07	0.0009	P	2.8
3	☐	50.000	57.287	489729.10	0.0487	P	1.1
4	☐	125.000	141.066	1181116.39	0.1200	P	1.1
5	☐	250.000	271.868	2265785.88	0.2312	P	1.6
6	☐	500.000	515.057	4208423.19	0.4380	P	1.7
7	☐	1000.000	984.632	7908079.69	0.8373	A	1.7
8	☐			1322.32	0.0001	P	6.5

$$y = 8.5036\text{E-}004 * x + 4.5262\text{E-}006$$

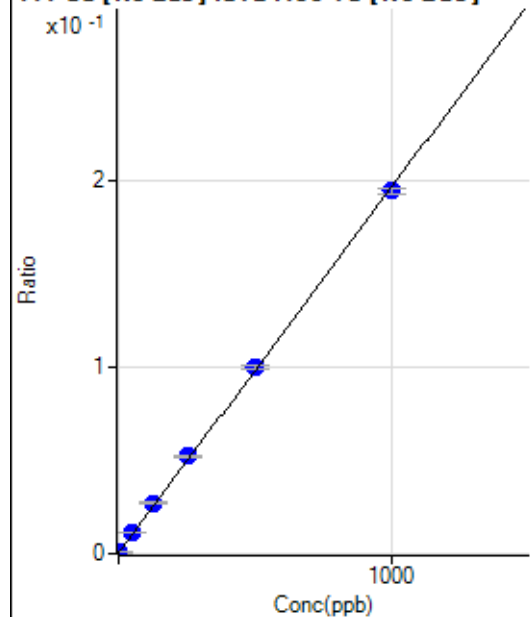
$$R = 0.9995$$

$$DL = 0.007465$$

$$BEC = 0.005323$$

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	3201.71	0.0003	P	2.9
2	☐	1.000	1.089	5385.44	0.0005	P	4.9
3	☐	50.000	55.306	112140.54	0.0112	P	0.6
4	☐	125.000	137.304	267904.06	0.0272	P	0.9
5	☐	250.000	265.368	512399.17	0.0523	P	1.5
6	☐	500.000	508.427	959638.49	0.0999	P	1.4
7	☐	1000.000	990.141	1834084.65	0.1942	P	1.5
8	☐			2991.70	0.0003	P	1.3

$$y = 1.9579\text{E-}004 * x + 3.2625\text{E-}004$$

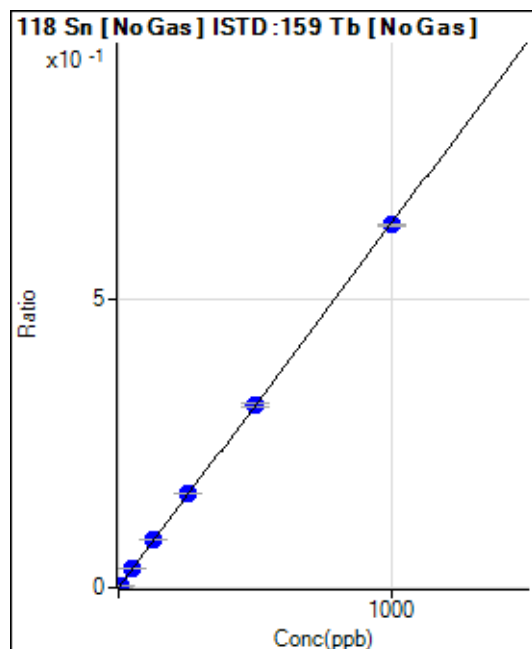
$$R = 0.9998$$

$$DL = 0.1439$$

$$BEC = 1.666$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.70	0.0001	P	9.5
2	☐	5.000	5.050	32518.61	0.0033	P	4.1
3	☐	50.000	52.443	332891.68	0.0331	P	0.7
4	☐	125.000	132.484	822538.84	0.0835	P	0.9
5	☐	250.000	258.569	1597287.24	0.1630	P	0.9
6	☐	500.000	502.926	3045045.06	0.3169	P	1.9
7	☐	1000.000	995.337	5923445.97	0.6271	P	0.6
8	☐			1836.28	0.0002	P	6.9

$$y = 6.3000\text{E-}004 * x + 7.5620\text{E-}005$$

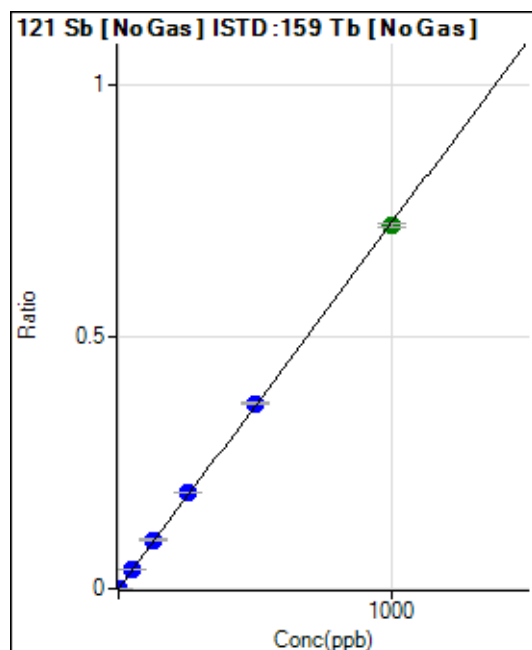
$$R = 0.9999$$

$$DL = 0.03417$$

$$BEC = 0.12$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	22.4
2	☐	2.000	2.068	15089.05	0.0015	P	2.5
3	☐	50.000	52.974	386202.51	0.0384	P	0.9
4	☐	125.000	133.826	955428.75	0.0970	P	1.2
5	☐	250.000	261.196	1856210.50	0.1894	P	0.5
6	☐	500.000	507.343	3534510.15	0.3679	P	1.6
7	☐	1000.000	992.278	6795747.98	0.7194	A	1.2
8	☐			2405.84	0.0003	P	5.5

$$y = 7.2503\text{E-}004 * x + 1.1904\text{E-}005$$

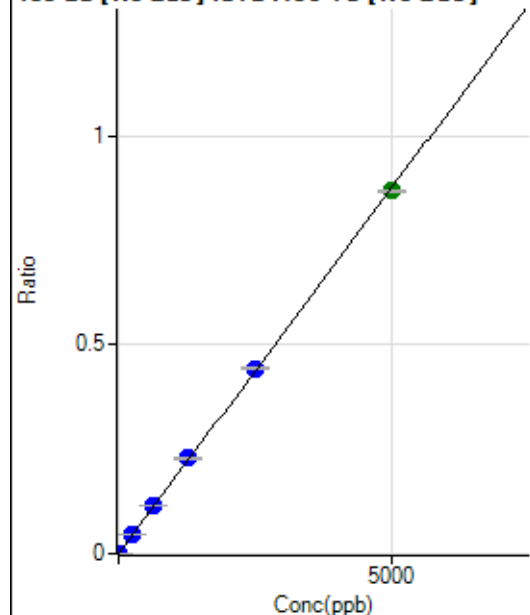
$$R = 0.9999$$

$$DL = 0.01103$$

$$BEC = 0.01642$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.9
2	☐	10.000	10.426	18237.38	0.0018	P	1.6
3	☐	250.000	265.222	466676.34	0.0464	P	0.2
4	☐	625.000	663.463	1143387.65	0.1161	P	0.8
5	☐	1250.000	1306.713	2241632.49	0.2287	P	0.8
6	☐	2500.000	2535.700	4264503.22	0.4438	P	1.4
7	☐	5000.000	4962.402	8203731.00	0.8686	A	0.7
8	☐			2739.23	0.0003	P	2.7

$$y = 1.7503\text{E-}004 * x + 1.7031\text{E-}006$$

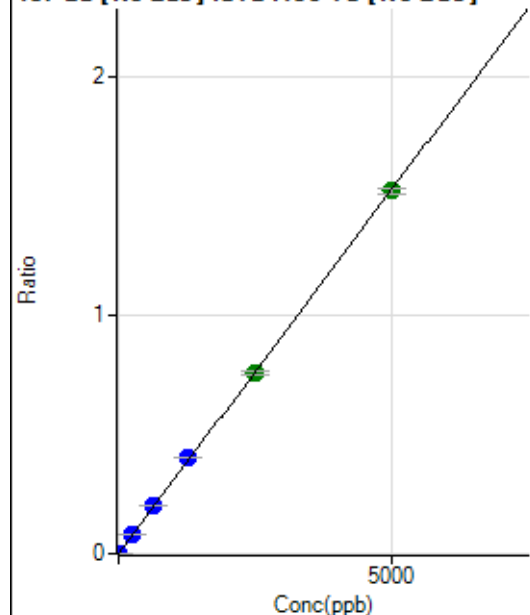
$$R = 0.9999$$

$$DL = 0.01485$$

$$BEC = 0.00973$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.2
2	☐	10.000	10.446	31873.17	0.0032	P	1.1
3	☐	250.000	266.494	818266.21	0.0814	P	0.7
4	☐	625.000	670.803	2017428.49	0.2049	P	0.6
5	☐	1250.000	1316.862	3942243.53	0.4022	P	0.9
6	☐	2500.000	2482.126	7284547.13	0.7582	A	1.9
7	☐	5000.000	4985.671	14383174.11	1.5228	A	1.3
8	☐			5117.74	0.0006	P	3.2

$$y = 3.0544\text{E-}004 * x + 1.9698\text{E-}006$$

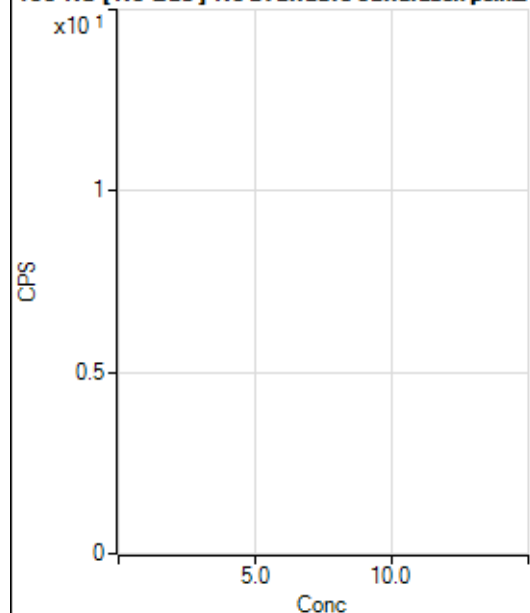
$$R = 0.9999$$

$$DL = 0.01727$$

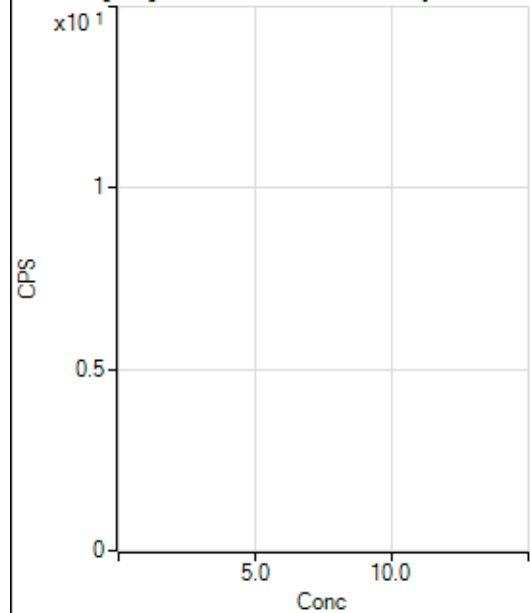
$$BEC = 0.006449$$

Weight: <None>

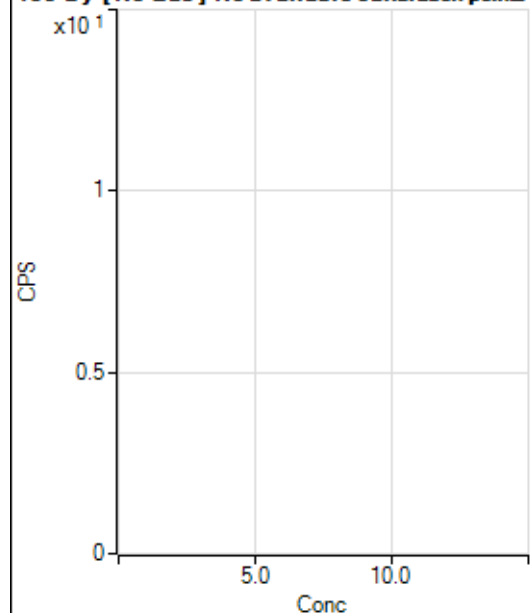
Min Conc: 0

150 Nd [No Gas] No available calibration points

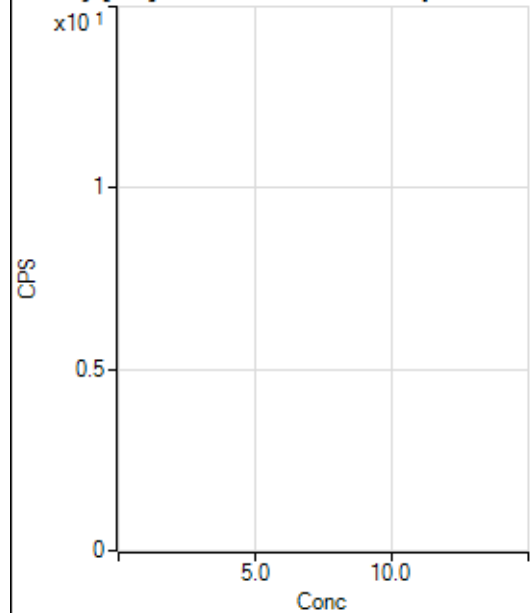
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			2.22		P	173.2
3	☐			51.11		P	39.9
4	☐			144.45		P	26.2
5	☐			255.56		P	8.4
6	☐			526.69		P	6.7
7	☐			800.04		P	12.5
8	☐			37.78		P	53.9

150 Nd [He] No available calibration points

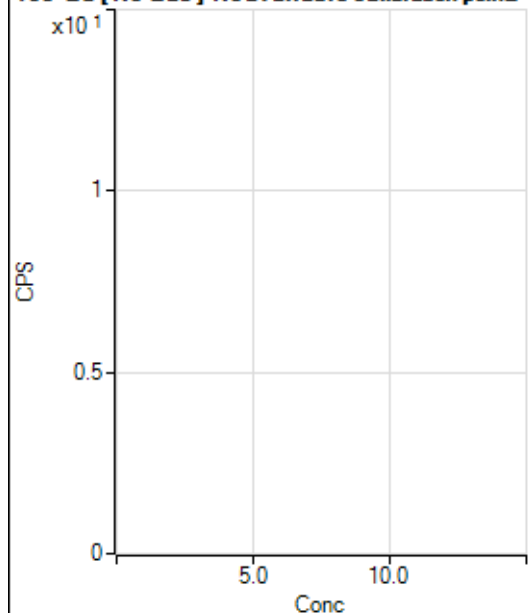
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			12.22		P	31.5
4	☐			38.89		P	50.2
5	☐			68.89		P	11.2
6	☐			127.78		P	8.0
7	☐			141.11		P	6.8
8	☐			13.33		P	25.0

156 Dy [No Gas] No available calibration points

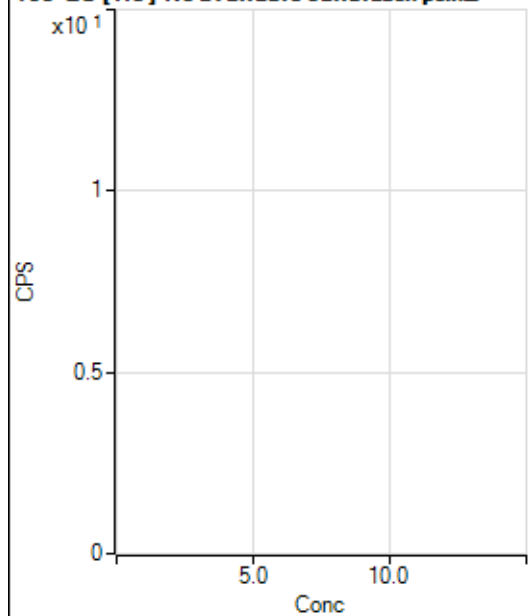
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			5.55		P	86.6
3	☐			27.78		P	62.5
4	☐			91.67		P	41.7
5	☐			186.12		P	18.1
6	☐			325.01		P	11.2
7	☐			494.47		P	8.5
8	☐			1333.44		P	9.1

156 Dy [He] No available calibration points

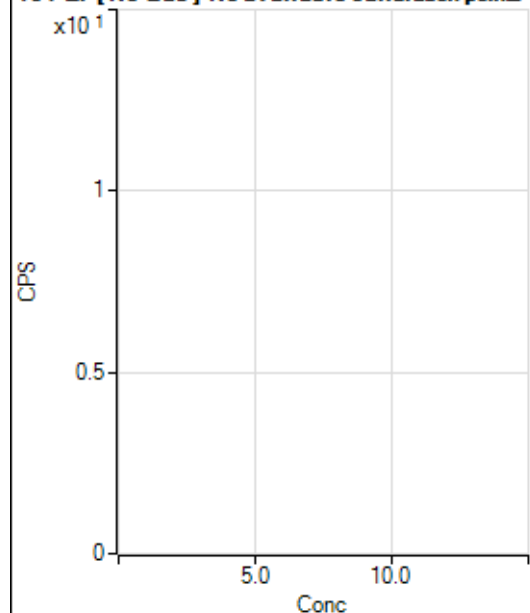
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			5.56		P	34.7
3	☐			22.22		P	52.7
4	☐			67.78		P	22.2
5	☐			110.00		P	31.6
6	☐			244.45		P	12.6
7	☐			356.68		P	7.4
8	☐			858.93		P	2.8

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

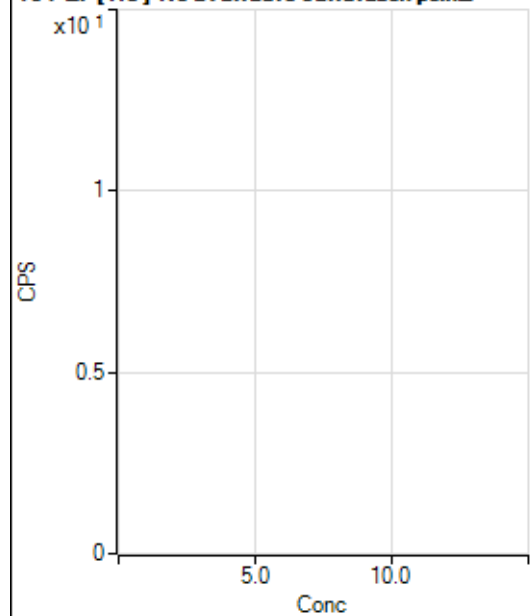
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	32.8
2	☐			47.22		P	36.7
3	☐			66.67		P	33.1
4	☐			91.67		P	24.1
5	☐			155.56		P	21.7
6	☐			297.23		P	5.8
7	☐			422.24		P	9.3
8	☐			1405.67		P	9.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			135.56		P	9.3
2	☐			134.45		P	3.8
3	☐			164.45		P	18.8
4	☐			196.67		P	1.7
5	☐			204.45		P	10.9
6	☐			245.56		P	14.3
7	☐			372.23		P	8.6
8	☐			1095.61		P	9.0

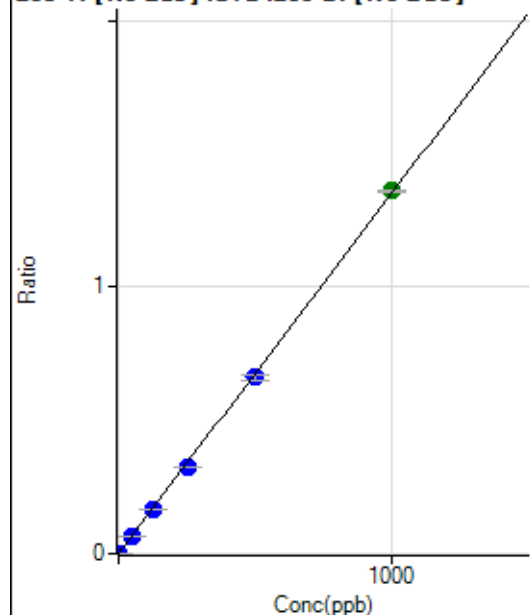
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	25.0
2	☐			63.89		P	19.9
3	☐			75.00		P	38.5
4	☐			83.34		P	10.0
5	☐			125.01		P	41.6
6	☐			169.45		P	12.4
7	☐			144.45		P	8.8
8	☐			266.68		P	3.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	37.6
2	☐			26.66		P	57.3
3	☐			50.00		P	30.5
4	☐			47.78		P	4.0
5	☐			53.33		P	12.5
6	☐			98.89		P	10.3
7	☐			108.89		P	12.4
8	☐			154.45		P	2.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.91	0.0001	P	11.7
2	☐	1.000	0.963	9178.42	0.0014	P	1.1
3	☐	50.000	48.468	448458.79	0.0656	P	0.3
4	☐	125.000	124.151	1129476.09	0.1678	P	1.2
5	☐	250.000	242.305	2208077.50	0.3274	P	0.2
6	☐	500.000	489.753	4327446.45	0.6617	P	3.0
7	☐	1000.000	1007.230	8606367.03	1.3609	A	0.8
8	☐			666.70	0.0001	P	5.4

$$y = 0.0014 * x + 6.9365E-005$$

R = 0.9999

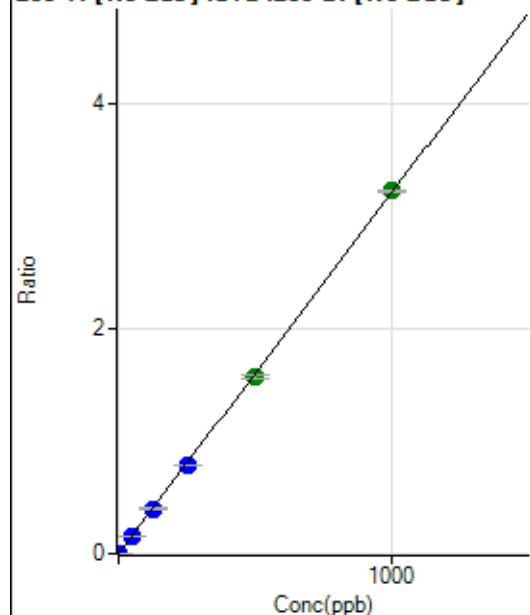
DL = 0.01799

BEC = 0.05134

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	1063.96	0.0002	P	9.9
2	☐	1.000	0.978	22040.95	0.0033	P	0.8
3	☐	50.000	49.010	1074907.99	0.1571	P	0.6
4	☐	125.000	124.919	2694071.96	0.4002	P	0.8
5	☐	250.000	246.282	5320106.98	0.7889	P	0.5
6	☐	500.000	488.772	10239454.05	1.5655	A	2.2
7	☐	1000.000	1006.603	20389066.43	3.2240	A	0.5
8	☐			1577.92	0.0003	P	11.1

$$y = 0.0032 * x + 1.5912E-004$$

R = 0.9999

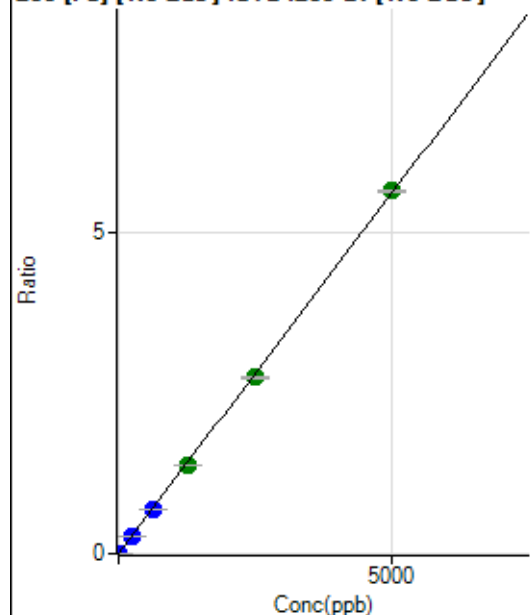
DL = 0.01474

BEC = 0.04968

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	988.95	0.0001	P	0.8
2	☐	1.000	0.944	8087.77	0.0012	P	4.0
3	☐	250.000	240.065	1844954.52	0.2697	P	0.6
4	☐	625.000	611.695	4623660.35	0.6870	P	1.5
5	☐	1250.000	1227.420	9294266.18	1.3783	A	1.4
6	☐	2500.000	2446.314	17967782.69	2.7469	A	1.6
7	☐	5000.000	5034.648	35749723.02	5.6530	A	0.6
8	☐			9101.40	0.0016	P	4.0

$$y = 0.0011 * x + 1.4787E-004$$

$$R = 0.9999$$

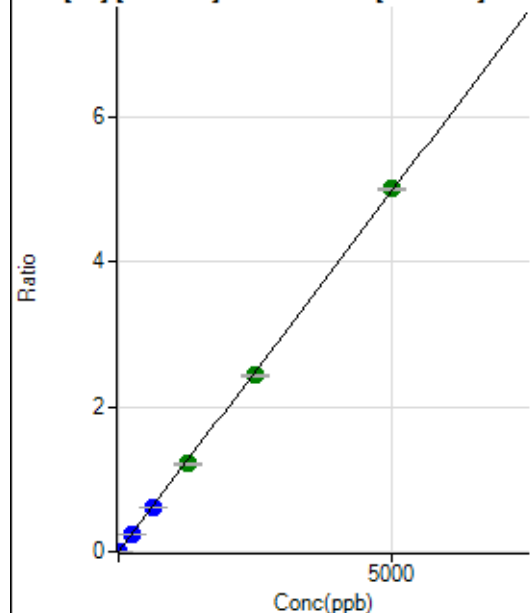
$$DL = 0.003247$$

$$BEC = 0.1317$$

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	831.52	0.0001	P	5.4
2	☐	1.000	0.944	7111.28	0.0011	P	2.0
3	☐	250.000	238.002	1618043.81	0.2365	P	0.5
4	☐	625.000	605.239	4047105.59	0.6013	P	1.2
5	☐	1250.000	1217.968	8158535.72	1.2099	A	1.3
6	☐	2500.000	2447.367	15900692.83	2.4310	A	1.8
7	☐	5000.000	5037.394	31642428.02	5.0035	A	0.6
8	☐			8152.62	0.0014	P	3.0

$$y = 9.9324E-004 * x + 1.2432E-004$$

$$R = 0.9999$$

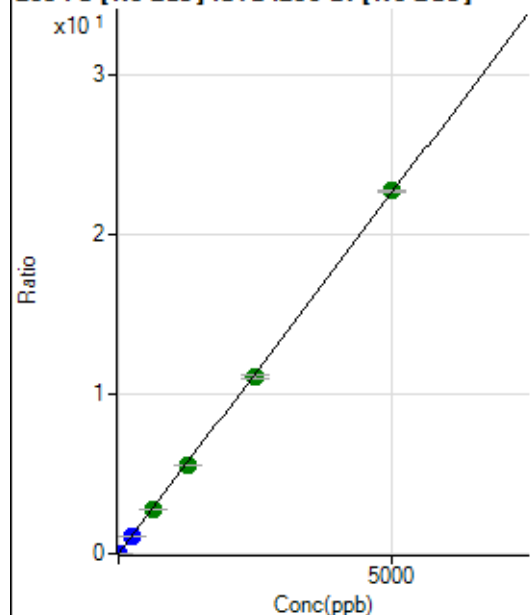
$$DL = 0.02017$$

$$BEC = 0.1252$$

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	3820.66	0.0006	P	2.5
2	☐	1.000	0.951	32530.95	0.0049	P	1.1
3	☐	250.000	240.388	7415550.31	1.0840	P	0.6
4	☐	625.000	613.627	18618150.88	2.7661	A	1.4
5	☐	1250.000	1223.355	37183707.89	5.5141	A	1.2
6	☐	2500.000	2450.171	72235261.11	11.0433	A	1.7
7	☐	5000.000	5033.478	143466913.8	22.6860	A	0.7
8	☐			36416.12	0.0064	P	2.5

$$y = 0.0045 * x + 5.7125E-004$$

$$R = 0.9999$$

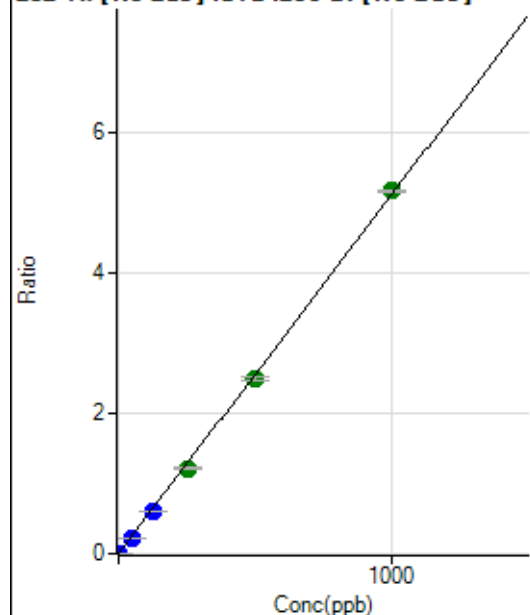
$$DL = 0.009648$$

$$BEC = 0.1267$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.52	0.0000	P	14.3
2	☐	1.000	0.000	227.78	0.0000	P	17.6
3	☐	50.000	45.394	1586426.57	0.2319	P	0.5
4	☐	125.000	117.481	4039536.64	0.6001	P	0.6
5	☐	250.000	237.287	8173185.19	1.2120	A	1.6
6	☐	500.000	486.642	16259302.10	2.4857	A	2.0
7	☐	1000.000	1011.028	32658111.61	5.1641	A	0.6
8	☐			770.41	0.0001	P	0.7

$$y = 0.0051 * x + 3.2686E-005$$

$$R = 0.9998$$

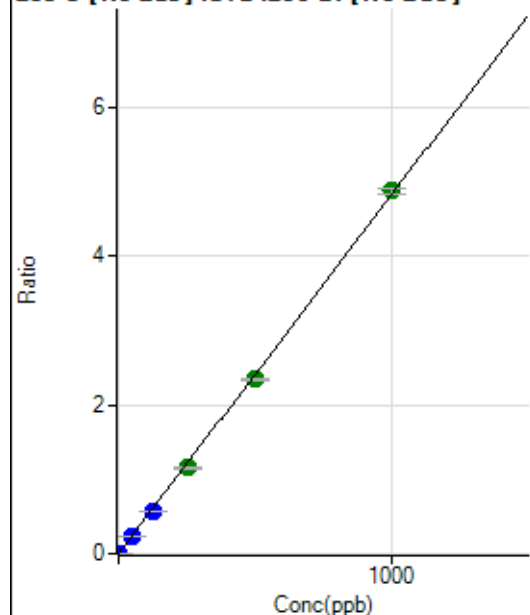
$$DL = 0.002752$$

$$BEC = 0.006399$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.6
2	☐	1.000	0.899	29096.84	0.0043	P	0.5
3	☐	50.000	45.917	1517642.80	0.2218	P	1.2
4	☐	125.000	118.727	3861181.25	0.5736	P	0.7
5	☐	250.000	239.075	7788868.14	1.1550	A	1.6
6	☐	500.000	485.463	15341990.27	2.3454	A	1.7
7	☐	1000.000	1010.988	30888580.90	4.8844	A	1.2
8	☐			2233.59	0.0004	P	3.0

$$y = 0.0048 * x + 2.0816E-006$$

$$R = 0.9998$$

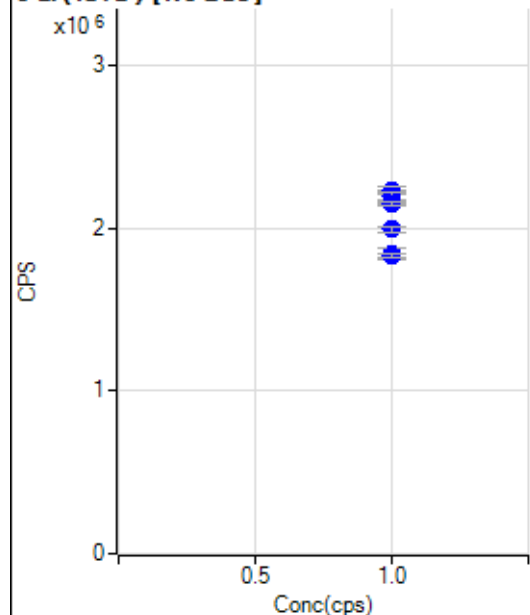
$$DL = 0.001184$$

$$BEC = 0.0004309$$

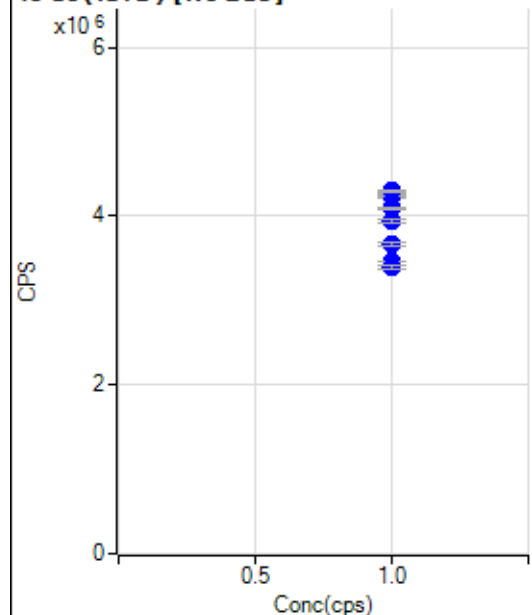
Weight: <None>

Min Conc: 0

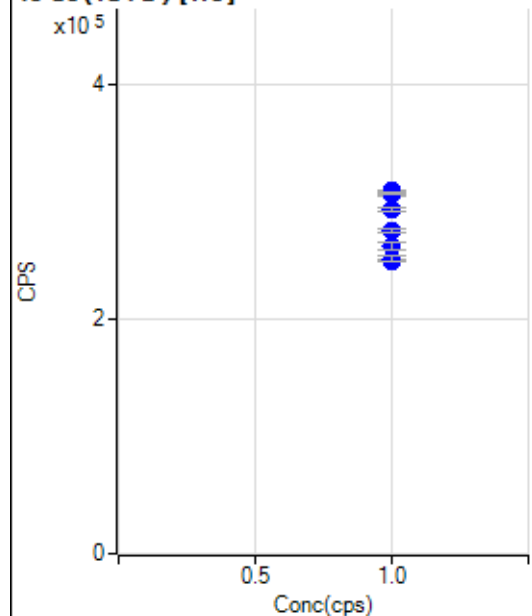
6 Li (ISTD) [No Gas]



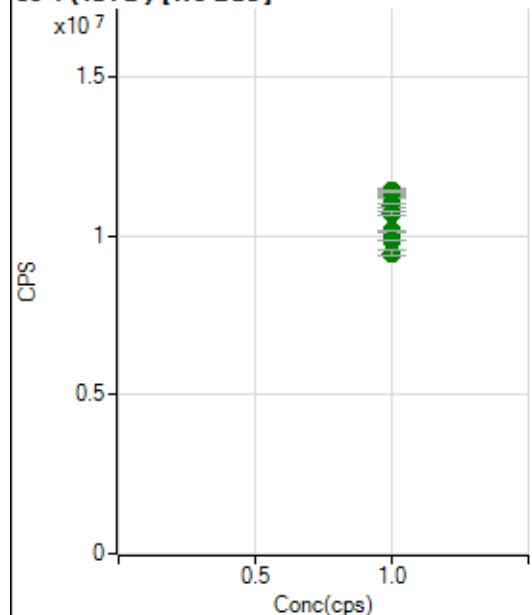
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2148957.97		P	1.1
2	☐	1.000		2193048.27		P	4.0
3	☐	1.000		2229747.57		P	2.2
4	☐	1.000		2198613.37		P	1.8
5	☐	1.000		2150049.74		P	0.8
6	☐	1.000		1993466.10		P	2.0
7	☐	1.000		1843315.94		P	4.3
8	☐	1.000		1829687.20		P	1.5

45 Sc (ISTD) [No Gas]

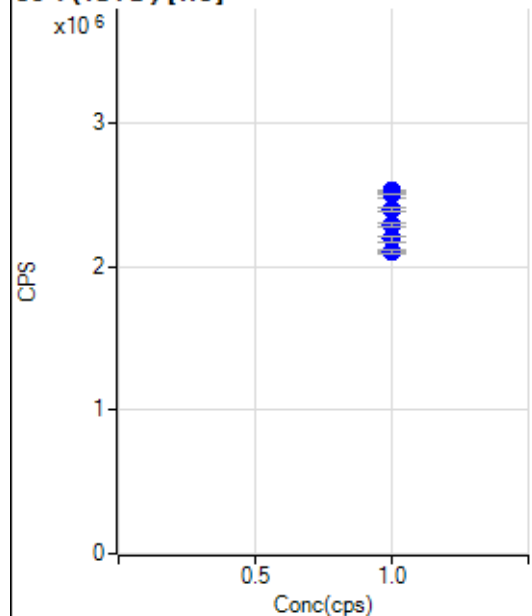
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4229029.97		P	0.3
2	☐	1.000		4259590.84		P	0.6
3	☐	1.000		4299415.84		P	0.6
4	☐	1.000		4091523.41		P	0.3
5	☐	1.000		3940288.55		P	1.3
6	☐	1.000		3662481.79		P	1.2
7	☐	1.000		3469637.66		P	0.2
8	☐	1.000		3396979.11		P	1.1

45 Sc (ISTD) [He]

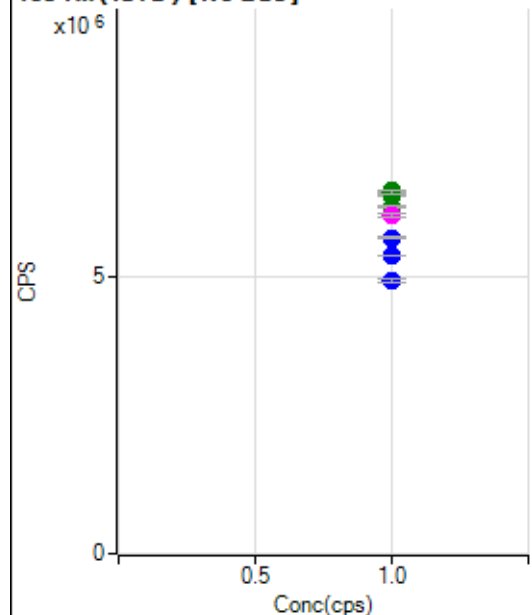
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		305811.27		P	1.0
2	☐	1.000		308717.78		P	0.7
3	☐	1.000		307350.50		P	0.7
4	☐	1.000		293021.54		P	1.4
5	☐	1.000		275361.52		P	1.4
6	☐	1.000		261958.51		P	2.3
7	☐	1.000		249236.80		P	0.8
8	☐	1.000		250960.90		P	1.7

89 Y (ISTD) [No Gas]

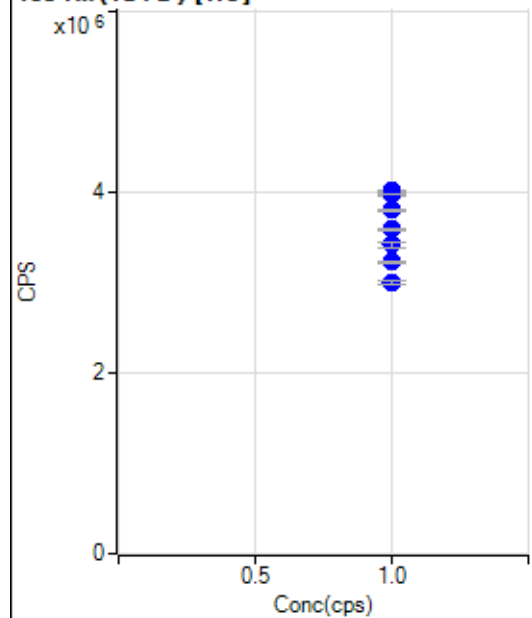
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11228730.39		A	0.5
2	☐	1.000		11427984.41		A	1.4
3	☐	1.000		11405824.41		A	0.3
4	☐	1.000		10963426.36		A	0.7
5	☐	1.000		10725368.17		A	0.8
6	☐	1.000		10155194.92		A	1.0
7	☐	1.000		9860764.44		A	0.3
8	☐	1.000		9476743.61		A	1.9

89 Y (ISTD) [He]

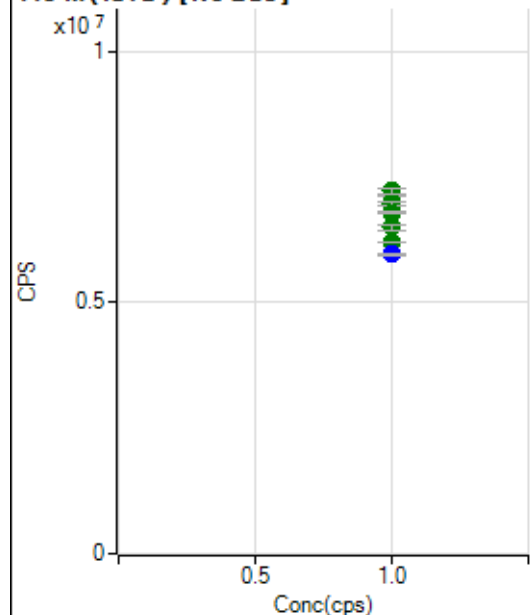
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2497366.94		P	1.4
2	☐	1.000		2525613.02		P	0.8
3	☐	1.000		2501646.66		P	0.4
4	☐	1.000		2398235.31		P	1.0
5	☐	1.000		2283632.21		P	1.2
6	☐	1.000		2190950.80		P	2.0
7	☐	1.000		2103616.84		P	0.8
8	☐	1.000		2100756.27		P	1.7

103 Rh (ISTD) [No Gas]

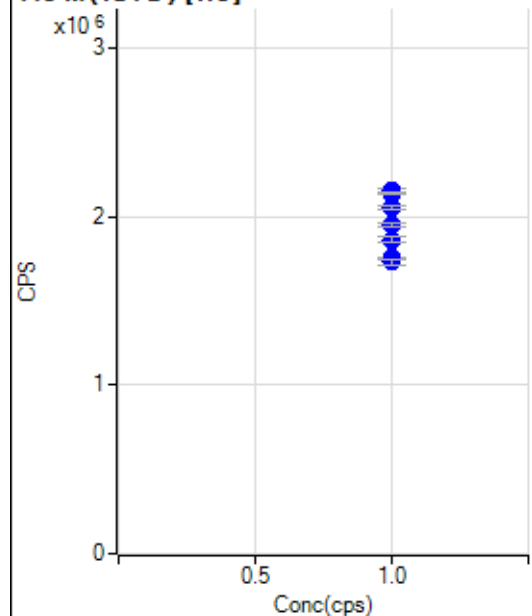
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6456259.76		A	0.3
2	☐	1.000		6542909.90		A	0.5
3	☐	1.000		6514810.74		A	1.3
4	☐	1.000		6254964.49		A	0.2
5	☐	1.000		6105604.28		M	1.1
6	☐	1.000		5699583.32		P	0.6
7	☐	1.000		5367316.52		P	0.2
8	☐	1.000		4922717.53		P	0.8

103 Rh (ISTD) [He]

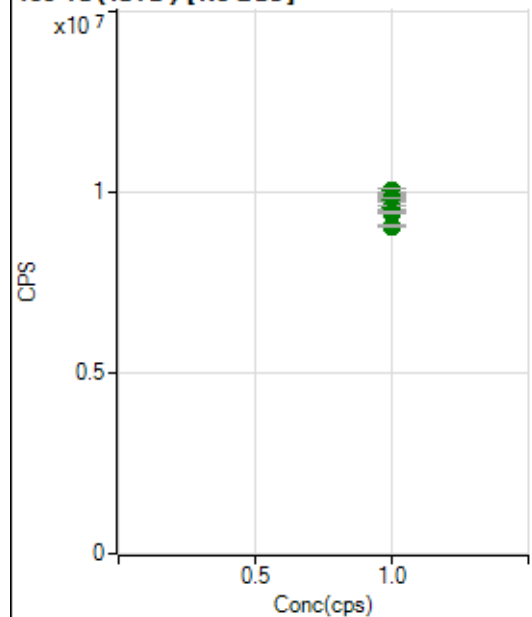
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3971471.50		P	0.8
2	☐	1.000		4009616.88		P	0.9
3	☐	1.000		3973684.18		P	0.2
4	☐	1.000		3798216.75		P	0.8
5	☐	1.000		3585575.85		P	0.7
6	☐	1.000		3417740.92		P	1.7
7	☐	1.000		3223227.87		P	0.2
8	☐	1.000		3002069.51		P	1.6

115 In (ISTD) [No Gas]

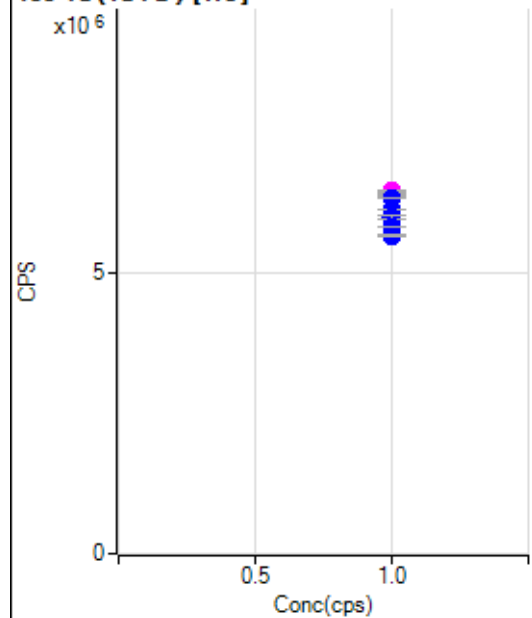
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7133532.79		A	0.4
2	☐	1.000		7157459.04		A	0.6
3	☐	1.000		7225899.18		A	1.3
4	☐	1.000		6966527.66		A	0.8
5	☐	1.000		6796984.53		A	0.7
6	☐	1.000		6496380.52		A	1.6
7	☐	1.000		6202531.16		A	0.5
8	☐	1.000		5955847.46		P	0.9

115 In (ISTD) [He]

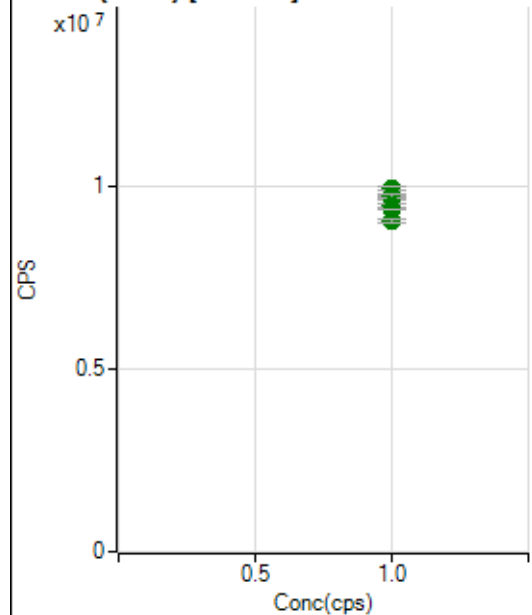
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2139640.70		P	0.6
2	☐	1.000		2156017.26		P	1.0
3	☐	1.000		2143296.74		P	0.3
4	☐	1.000		2055751.87		P	1.2
5	☐	1.000		1955341.92		P	1.0
6	☐	1.000		1867236.01		P	1.6
7	☐	1.000		1759565.78		P	0.5
8	☐	1.000		1732281.62		P	1.7

159 Tb (ISTD) [No Gas]

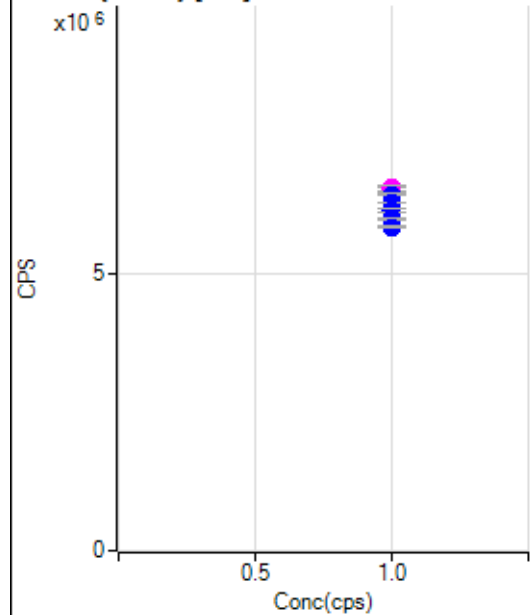
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9814362.14		A	1.0
2	☐	1.000		9983420.06		A	0.9
3	☐	1.000		10052819.78		A	1.2
4	☐	1.000		9846619.51		A	1.2
5	☐	1.000		9801440.96		A	1.1
6	☐	1.000		9609681.87		A	1.2
7	☐	1.000		9445411.53		A	0.6
8	☐	1.000		9080385.70		A	1.0

159 Tb (ISTD) [He]

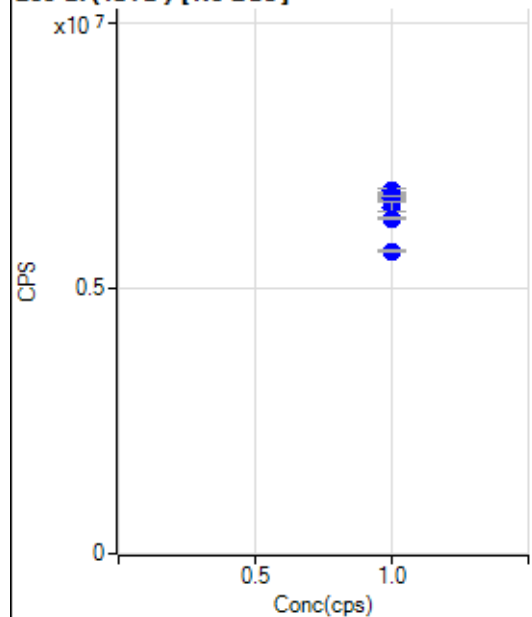
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6412297.41		M	0.9
2	☐	1.000		6428865.95		M	0.5
3	☐	1.000		6473715.39		M	0.6
4	☐	1.000		6351793.17		P	0.4
5	☐	1.000		6145839.49		P	0.1
6	☐	1.000		6004625.47		P	1.1
7	☐	1.000		5837147.83		P	0.1
8	☐	1.000		5665138.46		P	0.7

165 Ho (ISTD) [No Gas]

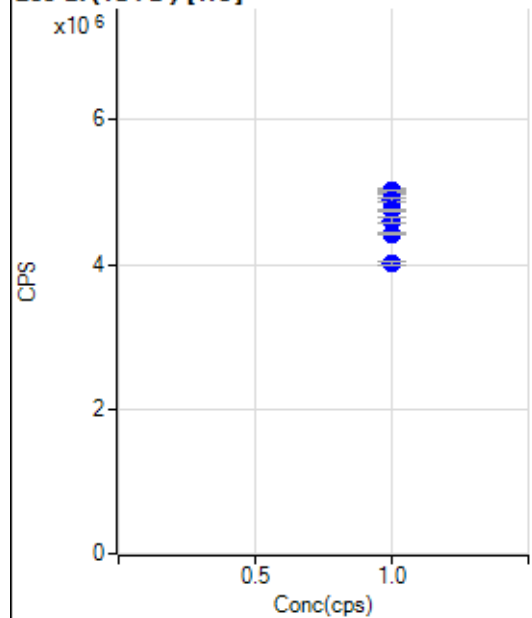
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9699048.12		A	1.0
2	☐	1.000		9726942.00		A	0.6
3	☐	1.000		9928334.50		A	1.0
4	☐	1.000		9747420.06		A	1.1
5	☐	1.000		9756082.28		A	1.1
6	☐	1.000		9484835.07		A	0.9
7	☐	1.000		9372449.23		A	0.4
8	☐	1.000		9050071.39		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6486245.39		M	0.2
2	☐	1.000		6524141.36		M	0.9
3	☐	1.000		6549644.28		M	1.5
4	☐	1.000		6426530.53		P	0.7
5	☐	1.000		6284821.99		P	0.4
6	☐	1.000		6143522.62		P	1.3
7	☐	1.000		5996634.15		P	0.7
8	☐	1.000		5838022.20		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6687827.95		P	0.4
2	☐	1.000		6697268.17		P	1.6
3	☐	1.000		6841147.75		P	0.9
4	☐	1.000		6731891.50		P	1.8
5	☐	1.000		6743584.41		P	0.4
6	☐	1.000		6543197.05		P	2.9
7	☐	1.000		6324015.53		P	0.6
8	☐	1.000		5707954.15		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4980525.90		P	0.2
2	☐	1.000		5018121.46		P	1.1
3	☐	1.000		5011103.99		P	0.1
4	☐	1.000		4893363.22		P	0.7
5	☐	1.000		4750992.25		P	0.3
6	☐	1.000		4614337.12		P	1.3
7	☐	1.000		4425025.39		P	0.2
8	☐	1.000		4017217.23		P	1.2

US EPA Tune Check Sample Report

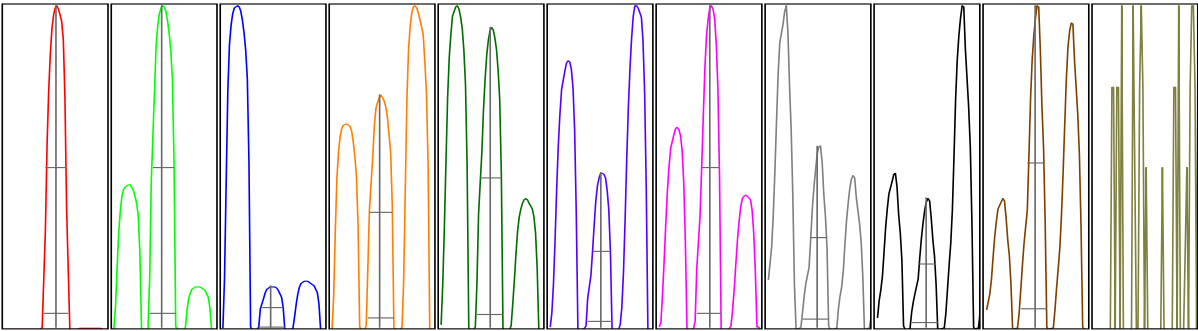
Batch Folder C:\Agilent\ICPMH\1\DATA\P7092321-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7267	0.86	5.00	
24	70952	0.37	5.00	
25	9326	0.40	5.00	
26	10787	0.49	5.00	
59	17232	0.56	5.00	
113	10842	0.90	5.00	
115	35607	2.59	5.00	
206	15118	0.39	5.00	
207	12843	0.36	5.00	
208	31458	0.53	5.00	
220	0	39.12		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7239	7218	7269	7236	7374
24	71129	71005	70688	70680	71256
25	9340	9318	9364	9266	9341
26	10835	10852	10733	10764	10750
59	17356	17230	17168	17293	17114
113	10963	10855	10863	10839	10692
115	36270	36277	36074	35282	34131
206	15132	15168	15040	15076	15174
207	12909	12858	12848	12813	12787
208	31509	31412	31374	31276	31717
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	12716	9.05	8.9 - 9.1		0.736	0.900	
24	115190	23.95	23.9 - 24.1		0.781	0.900	
25	15137	24.95	24.9 - 25.1		0.750	0.900	
26	17278	25.95	25.9 - 26.1		0.788	0.900	
59	29352	59.00	58.9 - 59.1		0.781	0.900	
113	20224	113.05	112.9 - 113.1		0.737	0.900	
115	67091	115.05	114.9 - 115.1		0.737	0.900	
206	31638	206.00	205.9 - 206.1		0.769	0.900	
207	26634	207.00	206.9 - 207.1		0.774	0.900	
208	66109	208.00	207.9 - 208.1		0.781	0.900	
220	0	219.75	-		0.225		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.72	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.42 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	13.8	V
Extract 2	-110.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5801	0.44	
89	34629	0.55	
205	18910	0.50	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5827	5771	5801	5781	5828
89	34672	34696	34612	34322	34845
205	19059	18927	18816	18902	18848

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.72	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.42 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	2.0	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	3.9	mL/min	OctP RF	200	V			

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 12:37:20 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.08	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-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	-0.01	-0.29	0.30	0.00	N/A	ppb
Boron	11-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	-0.05	0.02	0.00	N/A	ppb
Cadmium	106-1	0.45	-0.68	0.23	0.00	N/A	ppb
Cadmium	108-1	0.02	0.04	-0.06	0.00	N/A	ppb
Calcium	43-1	-0.53	-1.72	2.25	0.00	N/A	ppb
Calcium	44-1	0.99	-0.65	-0.34	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	0.03	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	-0.01	0.07	0.00	N/A	ppb
Iron	57-2	-0.05	-0.28	0.33	0.00	N/A	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:37:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.72	-0.11	-0.61	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.07	0.11	-0.17	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	12.07	-3.70	-2.37	2.00	437.54	ppb
Potassium	39-2	7.11	-4.27	-2.84	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.10	-0.07	-0.03	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-0.24	-0.14	0.00	N/A	ppb
Silicon	28-1	0.47	-0.33	-0.14	0.00	N/A	ppb
Silver	107-1	0.00	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	0.29	-0.07	-0.22	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	62.30	-185.56	31.95	-30.44		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:37:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.10	0.01	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.33	20.28	20.06	21.22	8.62	ppb
Antimony	121-1	2.01	2.10	2.10	2.07	2.55	ppb
Arsenic	75-2	1.04	1.07	0.97	1.03	4.84	ppb
Barium	135-1	10.49	10.56	10.23	10.43	1.65	ppb
Barium	137-1	10.32	10.48	10.54	10.45	1.05	ppb
Beryllium	9-1	1.02	1.01	1.03	1.02	1.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.54	24.79	24.03	23.79	4.82	ppb
Boron	11-1	22.48	23.46	22.67	22.87	2.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.01	1.24	1.01	1.09	12.44	ppb
Cadmium	106-1	0.46	2.60	1.03	1.36	81.02	ppb
Cadmium	108-1	0.78	0.87	1.30	0.98	28.47	ppb
Calcium	43-1	509.51	491.67	498.49	499.89	1.80	ppb
Calcium	44-1	537.73	537.01	536.78	537.17	0.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	1.99	2.12	2.04	3.30	ppb
Cobalt	59-2	1.06	1.06	1.04	1.05	1.21	ppb
Copper	63-2	1.96	1.96	1.99	1.97	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	57.75	56.90	56.08	56.91	1.47	ppb
Iron	57-2	54.84	61.65	59.40	58.63	5.91	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.43	55.25	58.65	55.78	4.75	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.91	0.99	0.94	4.55	ppb
Lead	207-1	0.92	0.96	0.95	0.94	2.22	ppb
Lead	208-1	0.94	0.96	0.96	0.95	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	504.32	499.28	503.88	502.49	0.56	ppb
Manganese	55-2	1.04	0.97	1.00	1.00	3.21	ppb
Molybdenum	94-1	4.95	4.90	5.00	4.95	0.99	ppb
Molybdenum	95-1	5.13	5.06	5.09	5.09	0.72	ppb
Molybdenum	96-1	4.87	5.07	5.09	5.01	2.44	ppb
Molybdenum	97-1	5.24	5.25	5.16	5.22	1.00	ppb
Molybdenum	98-1	5.14	5.38	5.20	5.24	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.13	1.19	1.14	3.58	ppb
Phosphorus	31-2	4.96	-4.28	-6.67	-2.00		ppb
Potassium	39-2	540.34	533.07	549.72	541.04	1.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.52	5.15	4.88	5.18	6.19	ppb
Selenium	77-2	4.20	6.55	6.58	5.78	23.64	ppb
Selenium	78-2	4.49	5.76	5.79	5.35	13.93	ppb
Silicon	28-1	9.46	8.03	10.18	9.22	11.85	ppb
Silver	107-1	1.11	1.08	1.10	1.10	1.20	ppb
Silver	109-1	1.04	1.08	1.03	1.05	2.77	ppb
Sodium	23-2	518.31	517.06	513.11	516.16	0.53	ppb
Strontium	86-1	0.97	1.09	1.07	1.04	6.49	ppb
Strontium	88-1	1.08	1.12	1.13	1.11	2.05	ppb
Sulfur	34-1	40.87	-44.76	95.20	30.44	231.84	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.95	0.96	0.97	0.96	1.19	ppb
Thallium	205-1	0.99	0.97	0.98	0.98	0.88	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	459.51	ppb
Tin	118-1	4.88	5.29	4.98	5.05	4.23	ppb
Titanium	47-1	4.48	4.42	4.51	4.47	1.01	ppb
Uranium	238-1	0.90	0.90	0.89	0.90	0.47	ppb
Vanadium	51-2	4.85	5.08	5.22	5.05	3.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.53	2.24	2.37	2.38	6.00	ppb
Zirconium	90-1	0.93	0.98	0.95	0.95	2.77	ppb
Zirconium	91-1	0.92	0.90	1.00	0.94	5.34	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:46:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1089.28	1061.24	1057.44	1069.32	1.63	ppb
Antimony	121-1	52.68	52.74	53.50	52.97	0.86	ppb
Arsenic	75-2	51.87	53.00	52.44	52.44	1.07	ppb
Barium	135-1	264.64	265.30	265.73	265.22	0.21	ppb
Barium	137-1	265.33	265.39	268.76	266.49	0.74	ppb
Beryllium	9-1	52.92	52.07	51.82	52.27	1.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	47.44	50.56	53.97	50.66	6.45	ppb
Boron	11-1	49.39	50.77	50.76	50.31	1.58	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	55.65	55.29	54.98	55.31	0.61	ppb
Cadmium	106-1	57.10	56.12	53.90	55.71	2.94	ppb
Cadmium	108-1	56.32	53.82	55.64	55.26	2.34	ppb
Calcium	43-1	5595.38	5526.67	5503.58	5541.88	0.86	ppb
Calcium	44-1	5584.03	5595.83	5622.83	5600.90	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.73	50.42	50.85	50.67	0.44	ppb
Cobalt	59-2	51.77	51.49	51.67	51.64	0.28	ppb
Copper	63-2	528.44	523.51	529.86	527.27	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2712.51	2630.22	2621.64	2654.79	1.89	ppb
Iron	57-2	2771.94	2717.47	2716.97	2735.46	1.16	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:46:39	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2860.91	2845.34	2842.11	2849.45	0.35	ppb
Krypton	83-1						cps
Lead	206-1	239.46	238.90	241.84	240.06	0.65	ppb
Lead	207-1	237.14	237.64	239.23	238.00	0.46	ppb
Lead	208-1	239.48	239.74	241.94	240.39	0.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	5258.23	5155.48	5184.37	5199.36	1.02	ppb
Manganese	55-2	517.95	508.85	511.77	512.86	0.91	ppb
Molybdenum	94-1	258.77	256.04	260.85	258.55	0.93	ppb
Molybdenum	95-1	259.98	258.30	260.30	259.53	0.42	ppb
Molybdenum	96-1	261.17	259.24	260.79	260.40	0.39	ppb
Molybdenum	97-1	258.52	256.20	258.01	257.57	0.47	ppb
Molybdenum	98-1	260.00	260.18	259.15	259.78	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.73	52.27	52.00	52.34	0.71	ppb
Phosphorus	31-2	1041.99	1038.13	1035.46	1038.53	0.32	ppb
Potassium	39-2	2863.99	2785.01	2788.97	2812.66	1.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	52.48	54.71	52.92	53.37	2.22	ppb
Selenium	77-2	54.16	50.74	47.16	50.69	6.91	ppb
Selenium	78-2	54.89	55.03	56.06	55.33	1.15	ppb
Silicon	28-1	63.96	68.20	73.39	68.52	6.89	ppb
Silver	107-1	56.67	56.44	57.37	56.82	0.85	ppb
Silver	109-1	56.72	57.16	57.98	57.29	1.12	ppb
Sodium	23-2	5278.70	5207.85	5203.61	5230.05	0.81	ppb
Strontium	86-1	509.82	510.45	510.43	510.23	0.07	ppb
Strontium	88-1	504.82	502.01	505.59	504.14	0.37	ppb
Sulfur	34-1	926.24	768.88	1110.54	935.22	18.29	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.51	48.59	48.30	48.47	0.31	ppb
Thallium	205-1	48.72	49.04	49.27	49.01	0.56	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:46:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	45.14	45.41	45.63	45.39	0.54	ppb
Tin	118-1	52.03	52.57	52.73	52.44	0.69	ppb
Titanium	47-1	248.93	247.15	249.88	248.66	0.56	ppb
Uranium	238-1	45.42	45.79	46.54	45.92	1.25	ppb
Vanadium	51-2	50.23	50.51	50.02	50.25	0.48	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	523.26	518.71	518.56	520.18	0.51	ppb
Zirconium	90-1	51.34	50.84	51.18	51.12	0.50	ppb
Zirconium	91-1	50.66	49.80	50.01	50.16	0.90	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:49:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2678.64	2714.69	2666.16	2686.50	0.94	ppb
Antimony	121-1	135.55	133.67	132.26	133.83	1.23	ppb
Arsenic	75-2	132.59	130.26	129.01	130.62	1.39	ppb
Barium	135-1	667.87	665.17	657.34	663.46	0.82	ppb
Barium	137-1	675.11	670.60	666.70	670.80	0.63	ppb
Beryllium	9-1	130.03	129.75	128.14	129.31	0.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	121.71	126.32	124.26	124.10	1.86	ppb
Boron	11-1	121.25	125.51	127.74	124.83	2.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	138.77	136.27	136.88	137.30	0.95	ppb
Cadmium	106-1	140.49	136.55	136.28	137.78	1.71	ppb
Cadmium	108-1	137.90	135.52	137.19	136.87	0.89	ppb
Calcium	43-1	13900.82	13858.50	14029.46	13929.59	0.64	ppb
Calcium	44-1	14077.76	14046.66	14118.19	14080.87	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.08	129.89	126.80	128.26	1.21	ppb
Cobalt	59-2	128.65	129.97	128.42	129.01	0.65	ppb
Copper	63-2	1310.67	1325.65	1308.38	1314.90	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	6680.18	6678.10	6610.49	6656.26	0.60	ppb
Iron	57-2	6891.17	6904.09	6821.56	6872.27	0.65	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:49:45	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7175.04	7204.50	7148.67	7176.07	0.39	ppb
Krypton	83-1						cps
Lead	206-1	619.95	613.36	601.78	611.69	1.50	ppb
Lead	207-1	612.99	604.48	598.24	605.24	1.22	ppb
Lead	208-1	622.95	611.91	606.02	613.63	1.40	ppb
Lithium	6-1				102		%
Magnesium	24-2	13116.53	13150.23	13031.13	13099.30	0.47	ppb
Manganese	55-2	1282.17	1294.63	1286.66	1287.82	0.49	ppb
Molybdenum	94-1	657.15	651.60	644.66	651.14	0.96	ppb
Molybdenum	95-1	664.45	657.51	648.34	656.77	1.23	ppb
Molybdenum	96-1	663.56	655.97	652.82	657.45	0.84	ppb
Molybdenum	97-1	653.00	654.28	652.88	653.38	0.12	ppb
Molybdenum	98-1	665.17	656.54	654.50	658.74	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.08	133.14	131.91	132.38	0.50	ppb
Phosphorus	31-2	2583.84	2517.28	2529.42	2543.51	1.39	ppb
Potassium	39-2	7058.30	7062.20	6972.27	7030.92	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	133.16	131.33	135.63	133.38	1.62	ppb
Selenium	77-2	143.09	134.60	138.25	138.65	3.07	ppb
Selenium	78-2	126.24	132.06	133.67	130.66	2.99	ppb
Silicon	28-1	133.02	135.52	136.77	135.10	1.41	ppb
Silver	107-1	143.39	141.23	139.70	141.44	1.31	ppb
Silver	109-1	142.89	140.29	140.02	141.07	1.12	ppb
Sodium	23-2	12819.25	12794.23	12639.23	12750.90	0.76	ppb
Strontium	86-1	1291.05	1289.00	1295.01	1291.69	0.24	ppb
Strontium	88-1	1272.27	1262.11	1278.62	1271.00	0.66	ppb
Sulfur	34-1	2682.89	2554.18	2334.58	2523.88	6.98	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	125.71	123.84	122.90	124.15	1.15	ppb
Thallium	205-1	125.85	125.11	123.80	124.92	0.83	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:49:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	117.97	117.78	116.70	117.48	0.58	ppb
Tin	118-1	133.83	131.88	131.73	132.48	0.88	ppb
Titanium	47-1	628.95	626.81	624.49	626.75	0.36	ppb
Uranium	238-1	119.72	118.26	118.20	118.73	0.73	ppb
Vanadium	51-2	126.43	127.63	125.84	126.64	0.72	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	1283.85	1293.89	1279.96	1285.90	0.56	ppb
Zirconium	90-1	131.47	130.79	129.23	130.50	0.88	ppb
Zirconium	91-1	129.52	127.86	125.73	127.71	1.49	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5330.58	5353.39	5405.76	5363.24	0.72	ppb
Antimony	121-1	260.37	260.55	262.67	261.20	0.49	ppb
Arsenic	75-2	255.18	259.16	258.82	257.72	0.86	ppb
Barium	135-1	1312.30	1294.06	1313.77	1306.71	0.84	ppb
Barium	137-1	1320.19	1303.57	1326.82	1316.86	0.91	ppb
Beryllium	9-1	257.61	251.76	245.51	251.63	2.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	239.32	248.99	255.58	247.96	3.30	ppb
Boron	11-1	245.25	243.28	252.01	246.85	1.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	264.03	262.21	269.86	265.37	1.51	ppb
Cadmium	106-1	259.31	261.70	270.18	263.73	2.17	ppb
Cadmium	108-1	259.79	260.18	268.72	262.90	1.92	ppb
Calcium	43-1	28360.66	27160.34	27933.98	27818.33	2.19	ppb
Calcium	44-1	26051.64	25346.84	25900.82	25766.43	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.50	253.76	256.98	254.75	0.76	ppb
Cobalt	59-2	256.51	257.34	258.78	257.54	0.45	ppb
Copper	63-2	2598.01	2583.78	2592.82	2591.54	0.28	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				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	13459.63	13314.15	13605.46	13459.75	1.08	ppb
Iron	57-2	13739.69	13836.54	13879.97	13818.73	0.52	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14394.57	14403.12	14525.34	14441.01	0.51	ppb
Krypton	83-1						cps
Lead	206-1	1237.06	1207.89	1237.31	1227.42	1.38	ppb
Lead	207-1	1222.70	1200.71	1230.49	1217.97	1.27	ppb
Lead	208-1	1231.73	1205.85	1232.49	1223.35	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	25457.38	25399.84	25369.24	25408.82	0.18	ppb
Manganese	55-2	2584.77	2580.47	2594.75	2586.67	0.28	ppb
Molybdenum	94-1	1292.70	1276.05	1279.68	1282.81	0.68	ppb
Molybdenum	95-1	1301.76	1279.01	1284.35	1288.37	0.92	ppb
Molybdenum	96-1	1303.73	1279.99	1289.48	1291.07	0.93	ppb
Molybdenum	97-1	1288.52	1270.46	1287.63	1282.20	0.79	ppb
Molybdenum	98-1	1272.13	1242.37	1243.14	1252.55	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.16	258.58	266.27	261.67	1.55	ppb
Phosphorus	31-2	5124.86	5237.32	5020.79	5127.66	2.11	ppb
Potassium	39-2	13885.96	14048.51	14004.66	13979.71	0.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	259.38	253.26	263.22	258.62	1.94	ppb
Selenium	77-2	261.53	256.56	267.47	261.85	2.09	ppb
Selenium	78-2	254.19	261.44	265.42	260.35	2.19	ppb
Silicon	28-1	257.90	258.75	270.40	262.35	2.66	ppb
Silver	107-1	272.20	267.22	273.47	270.97	1.22	ppb
Silver	109-1	272.52	267.10	275.99	271.87	1.65	ppb
Sodium	23-2	25476.86	25406.08	25610.72	25497.88	0.41	ppb
Strontium	86-1	2563.56	2499.16	2553.24	2538.65	1.36	ppb
Strontium	88-1	2520.94	2468.69	2491.46	2493.70	1.05	ppb
Sulfur	34-1	4939.58	4733.22	5113.59	4928.80	3.86	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	242.69	241.82	242.40	242.30	0.18	ppb
Thallium	205-1	246.74	244.81	247.30	246.28	0.53	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	238.28	233.21	240.37	237.29	1.55	ppb
Tin	118-1	257.25	257.32	261.14	258.57	0.86	ppb
Titanium	47-1	1229.21	1235.05	1240.82	1235.03	0.47	ppb
Uranium	238-1	241.98	234.65	240.60	239.07	1.63	ppb
Vanadium	51-2	252.51	253.30	253.74	253.18	0.25	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	2583.68	2587.63	2580.35	2583.89	0.14	ppb
Zirconium	90-1	257.88	252.95	256.73	255.85	1.01	ppb
Zirconium	91-1	250.34	246.28	249.31	248.64	0.85	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:56:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10349.87	10651.25	10446.97	10482.70	1.47	ppb
Antimony	121-1	500.31	516.44	505.28	507.34	1.63	ppb
Arsenic	75-2	497.80	511.54	505.74	505.03	1.37	ppb
Barium	135-1	2503.65	2574.41	2529.04	2535.70	1.41	ppb
Barium	137-1	2442.23	2534.61	2469.54	2482.13	1.91	ppb
Beryllium	9-1	493.79	502.23	487.83	494.62	1.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	478.82	493.08	505.94	492.61	2.75	ppb
Boron	11-1	466.63	499.81	499.05	488.50	3.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.95	516.75	505.58	508.43	1.44	ppb
Cadmium	106-1	495.03	515.72	518.20	509.65	2.50	ppb
Cadmium	108-1	497.61	517.21	504.14	506.32	1.97	ppb
Calcium	43-1	54913.37	55206.50	54572.41	54897.43	0.58	ppb
Calcium	44-1	50607.79	51093.41	50727.92	50809.71	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.64	510.44	496.65	500.24	1.79	ppb
Cobalt	59-2	496.00	513.19	499.69	502.96	1.80	ppb
Copper	63-2	5049.06	5147.96	5015.86	5070.96	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	26250.53	26910.05	26250.22	26470.27	1.44	ppb
Iron	57-2	26876.17	27601.89	27042.80	27173.62	1.40	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:56:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27883.78	28813.95	28201.73	28299.82	1.67	ppb
Krypton	83-1						cps
Lead	206-1	2450.38	2484.21	2404.35	2446.31	1.64	ppb
Lead	207-1	2461.34	2482.92	2397.84	2447.37	1.81	ppb
Lead	208-1	2462.44	2483.18	2404.89	2450.17	1.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	49085.22	50209.39	48731.53	49342.05	1.56	ppb
Manganese	55-2	4938.07	5092.95	4963.69	4998.24	1.66	ppb
Molybdenum	94-1	2489.47	2514.56	2463.13	2489.05	1.03	ppb
Molybdenum	95-1	2478.48	2493.84	2449.20	2473.84	0.92	ppb
Molybdenum	96-1	2477.81	2518.11	2488.58	2494.84	0.84	ppb
Molybdenum	97-1	2535.94	2567.62	2535.56	2546.38	0.72	ppb
Molybdenum	98-1	2445.00	2529.97	2469.35	2481.44	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.71	516.61	499.53	505.29	1.94	ppb
Phosphorus	31-2	9950.00	10284.54	10055.60	10096.71	1.69	ppb
Potassium	39-2	24966.66	25743.66	24676.72	25129.01	2.20	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	505.85	518.03	509.02	510.97	1.24	ppb
Selenium	77-2	483.77	504.67	492.64	493.69	2.12	ppb
Selenium	78-2	495.48	505.42	501.59	500.83	1.00	ppb
Silicon	28-1	531.61	573.91	586.70	564.07	5.11	ppb
Silver	107-1	506.69	522.65	514.11	514.48	1.55	ppb
Silver	109-1	507.51	524.36	513.30	515.06	1.66	ppb
Sodium	23-2	49544.93	50963.42	49285.00	49931.12	1.81	ppb
Strontium	86-1	4950.05	4962.16	4927.03	4946.41	0.36	ppb
Strontium	88-1	4925.77	5022.31	4953.26	4967.11	1.00	ppb
Sulfur	34-1	9729.79	10091.31	9734.72	9851.94	2.10	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	493.66	502.29	473.31	489.75	3.04	ppb
Thallium	205-1	495.12	494.58	476.61	488.77	2.15	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:56:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	484.28	497.25	478.39	486.64	1.98	ppb
Tin	118-1	496.33	513.99	498.46	502.93	1.92	ppb
Titanium	47-1	2450.55	2469.29	2450.64	2456.83	0.44	ppb
Uranium	238-1	485.54	493.62	477.23	485.46	1.69	ppb
Vanadium	51-2	495.42	508.57	496.75	500.25	1.45	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	5008.61	5153.41	5002.18	5054.73	1.69	ppb
Zirconium	90-1	503.74	503.37	493.81	500.31	1.12	ppb
Zirconium	91-1	500.28	504.17	493.87	499.44	1.04	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:58:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20919.49	20885.89	21174.27	20993.21	0.75	ppb
Antimony	121-1	992.08	980.89	1003.87	992.28	1.16	ppb
Arsenic	75-2	995.26	1001.83	987.11	994.73	0.74	ppb
Barium	135-1	5001.89	4943.39	4941.92	4962.40	0.69	ppb
Barium	137-1	5048.99	4987.40	4920.62	4985.67	1.29	ppb
Beryllium	9-1	986.95	991.47	1026.47	1001.63	2.16	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	975.78	1025.32	1011.83	1004.31	2.55	ppb
Boron	11-1	980.02	1013.42	1026.35	1006.60	2.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	997.31	999.96	973.15	990.14	1.49	ppb
Cadmium	106-1	1011.75	992.98	964.85	989.86	2.38	ppb
Cadmium	108-1	1001.07	998.94	975.59	991.87	1.43	ppb
Calcium	43-1	110599.07	110987.94	110372.67	110653.23	0.28	ppb
Calcium	44-1	102907.39	102644.59	103014.71	102855.56	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.62	997.96	998.17	998.25	0.03	ppb
Cobalt	59-2	993.84	996.07	998.24	996.05	0.22	ppb
Copper	63-2	9961.47	9809.90	10025.10	9932.16	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				97		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	53032.01	52622.31	53532.76	53062.36	0.86	ppb
Iron	57-2	53972.06	54373.51	54358.92	54234.83	0.42	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:58:58	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53658.84	53641.73	53717.62	53672.73	0.07	ppb
Krypton	83-1						cps
Lead	206-1	5070.50	5007.10	5026.35	5034.65	0.65	ppb
Lead	207-1	5069.75	5028.61	5013.82	5037.39	0.58	ppb
Lead	208-1	5073.98	5008.33	5018.12	5033.48	0.70	ppb
Lithium	6-1				86		%
Magnesium	24-2	99601.30	98607.96	99749.09	99319.45	0.62	ppb
Manganese	55-2	9964.30	9904.44	10052.79	9973.84	0.75	ppb
Molybdenum	94-1	4986.05	4918.79	5075.89	4993.58	1.58	ppb
Molybdenum	95-1	5013.14	4921.81	5062.16	4999.04	1.42	ppb
Molybdenum	96-1	4955.05	4945.88	5062.29	4987.74	1.30	ppb
Molybdenum	97-1	4943.19	4917.84	5033.47	4964.83	1.22	ppb
Molybdenum	98-1	4987.58	4965.60	5058.63	5003.94	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.04	991.70	995.46	993.40	0.19	ppb
Phosphorus	31-2	19947.06	19635.67	20154.36	19912.36	1.31	ppb
Potassium	39-2	50495.09	49714.78	50340.30	50183.39	0.82	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	1000.16	999.72	973.56	991.14	1.54	ppb
Selenium	77-2	1019.11	964.20	1012.03	998.45	2.99	ppb
Selenium	78-2	987.43	993.52	1007.12	996.02	1.01	ppb
Silicon	28-1	964.72	967.74	955.62	962.69	0.66	ppb
Silver	107-1	990.55	990.43	974.38	985.12	0.94	ppb
Silver	109-1	999.82	987.46	966.61	984.63	1.70	ppb
Sodium	23-2	100266.29	101340.92	101754.57	101120.60	0.76	ppb
Strontium	86-1	9944.21	10050.09	10039.93	10011.41	0.58	ppb
Strontium	88-1	9997.04	9947.60	10100.91	10015.19	0.78	ppb
Sulfur	34-1	20571.73	20244.11	19460.41	20092.09	2.84	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	1016.22	1004.00	1001.47	1007.23	0.78	ppb
Thallium	205-1	1008.89	1010.54	1000.37	1006.60	0.54	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:58:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1017.82	1006.17	1009.10	1011.03	0.60	ppb
Tin	118-1	1001.09	996.19	988.73	995.34	0.63	ppb
Titanium	47-1	5048.60	5012.83	5014.10	5025.18	0.40	ppb
Uranium	238-1	1022.88	997.79	1012.29	1010.99	1.25	ppb
Vanadium	51-2	995.90	1005.17	995.52	998.86	0.55	ppb
Yttrium	89-1				88		%
Yttrium	89-2				84		%
Zinc	66-2	9875.46	9978.52	9984.52	9946.16	0.62	ppb
Zirconium	90-1	990.25	998.93	1003.74	997.64	0.68	ppb
Zirconium	91-1	998.60	994.06	1008.17	1000.27	0.72	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:10:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100454.64	100440.49	98293.57	99729.57	1.25	ppb
Antimony	121-1	0.35	0.37	0.33	0.35	5.72	ppb
Arsenic	75-2	0.28	0.25	0.38	0.31	22.47	ppb
Barium	135-1	1.73	1.75	1.66	1.71	2.69	ppb
Barium	137-1	1.84	1.90	1.78	1.84	3.20	ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	34.73	ppb
Bismuth	209-1				85		%
Bismuth	209-2				81		%
Boron	10-1	9.37	10.49	10.75	10.20	7.20	ppb
Boron	11-1	11.23	10.67	9.77	10.55	6.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	0.04	0.02	129.48	ppb
Cadmium	106-1	-2.74	-2.37	-2.28	-2.46		ppb
Cadmium	108-1	0.16	0.20	0.23	0.20	17.55	ppb
Calcium	43-1	501707.65	491660.12	498224.85	497197.54	1.03	ppb
Calcium	44-1	501264.09	496043.95	500484.05	499264.03	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.83	2.82	2.93	2.86	2.25	ppb
Cobalt	59-2	2.42	2.43	2.42	2.42	0.26	ppb
Copper	63-2	1.69	1.74	1.70	1.71	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	250823.23	247852.18	248867.01	249180.81	0.61	ppb
Iron	57-2	248343.04	249494.87	248717.56	248851.82	0.24	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:10:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250722.75	246646.11	249066.46	248811.77	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.24	1.27	1.35	1.29	4.36	ppb
Lead	207-1	1.26	1.33	1.34	1.31	3.29	ppb
Lead	208-1	1.25	1.30	1.32	1.29	2.80	ppb
Lithium	6-1				85		%
Magnesium	24-2	505056.87	502036.64	493399.95	500164.49	1.21	ppb
Manganese	55-2	9.82	9.93	9.71	9.82	1.09	ppb
Molybdenum	94-1	0.83	0.93	0.98	0.91	8.63	ppb
Molybdenum	95-1	0.94	0.91	1.00	0.95	4.66	ppb
Molybdenum	96-1	1.22	1.32	1.24	1.26	4.21	ppb
Molybdenum	97-1	0.97	0.94	0.86	0.92	5.75	ppb
Molybdenum	98-1	0.88	1.01	0.93	0.94	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.47	3.53	3.37	3.46	2.43	ppb
Phosphorus	31-2	-1.49	8.38	-4.01	0.96	682.36	ppb
Potassium	39-2	250615.90	251294.17	247651.04	249853.70	0.78	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				80		%
Scandium	45-2				82		%
Selenium	82-1	1.37	-0.02	-0.18	0.39	218.37	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	0.37	0.31	0.29	34.95	ppb
Silicon	28-1	32.60	42.32	47.92	40.95	18.94	ppb
Silver	107-1	0.16	0.18	0.19	0.17	10.98	ppb
Silver	109-1	0.15	0.17	0.18	0.17	6.73	ppb
Sodium	23-2	501263.19	501407.44	496577.22	499749.29	0.55	ppb
Strontium	86-1	3.56	3.73	3.76	3.68	2.87	ppb
Strontium	88-1	3.79	3.72	3.73	3.75	1.05	ppb
Sulfur	34-1	240.01	47.71	-118.11	56.54	317.01	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	0.03	0.03	0.04	0.04	13.36	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	26.09	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:10:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	0.92	ppb
Tin	118-1	0.20	0.18	0.22	0.20	10.95	ppb
Titanium	47-1	0.52	0.62	0.76	0.63	19.18	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.97	ppb
Vanadium	51-2	0.17	0.18	0.18	0.18	0.99	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%
Zinc	66-2	17.88	17.32	17.53	17.58	1.59	ppb
Zirconium	90-1	0.20	0.22	0.18	0.20	8.68	ppb
Zirconium	91-1	0.22	0.22	0.16	0.20	16.25	ppb

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:19:07 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	549.01	541.52	547.89	546.14	0.74	ppb
Antimony	121-1	204.22	194.62	207.82	202.22	3.38	ppb
Arsenic	75-2	205.31	206.29	207.83	206.48	0.61	ppb
Barium	135-1	106.58	98.17	107.42	104.06	4.92	ppb
Barium	137-1	105.05	100.52	105.87	103.81	2.77	ppb
Beryllium	9-1	100.99	97.60	104.27	100.95	3.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	5.73	4.33	5.11	5.06	13.87	ppb
Boron	11-1	4.80	4.35	4.74	4.63	5.23	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	107.22	99.98	106.58	104.59	3.83	ppb
Cadmium	106-1	89.25	81.82	83.38	84.82	4.62	ppb
Cadmium	108-1	92.90	84.53	93.55	90.33	5.57	ppb
Calcium	43-1	2102.49	1959.77	2076.13	2046.13	3.71	ppb
Calcium	44-1	2159.99	2025.33	2165.47	2116.93	3.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.02	98.74	100.62	99.79	0.96	ppb
Cobalt	59-2	101.43	100.07	101.83	101.11	0.92	ppb
Copper	63-2	102.22	100.50	103.75	102.16	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	2143.41	2098.20	2154.12	2131.91	1.39	ppb
Iron	57-2	2093.10	2064.58	2096.13	2084.60	0.83	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:19:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2227.75	2216.52	2256.77	2233.68	0.93	ppb
Krypton	83-1						cps
Lead	206-1	213.14	199.26	217.74	210.05	4.58	ppb
Lead	207-1	203.21	190.08	207.34	200.21	4.50	ppb
Lead	208-1	209.54	194.54	212.26	205.44	4.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	1175.51	1144.48	1173.29	1164.43	1.49	ppb
Manganese	55-2	99.14	97.60	99.71	98.82	1.10	ppb
Molybdenum	94-1	0.13	0.14	0.15	0.14	8.93	ppb
Molybdenum	95-1	0.11	0.07	0.11	0.10	24.48	ppb
Molybdenum	96-1	0.12	0.11	0.12	0.11	6.04	ppb
Molybdenum	97-1	0.08	0.10	0.09	0.09	12.86	ppb
Molybdenum	98-1	0.12	0.12	0.09	0.11	15.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.88	102.91	105.45	104.08	1.23	ppb
Phosphorus	31-2	3.48	10.14	-1.52	4.03	145.05	ppb
Potassium	39-2	2117.47	2086.48	2132.83	2112.26	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	211.48	199.86	210.08	207.14	3.06	ppb
Selenium	77-2	209.37	208.60	218.81	212.26	2.68	ppb
Selenium	78-2	216.81	210.13	211.76	212.90	1.64	ppb
Silicon	28-1	2.95	1.47	4.10	2.84	46.36	ppb
Silver	107-1	54.03	50.21	54.02	52.76	4.18	ppb
Silver	109-1	54.04	50.65	54.89	53.19	4.21	ppb
Sodium	23-2	2036.17	2005.61	2061.63	2034.47	1.38	ppb
Strontium	86-1	0.32	0.19	0.30	0.27	25.22	ppb
Strontium	88-1	0.30	0.27	0.30	0.29	6.16	ppb
Sulfur	34-1	122.50	-435.28	113.17	-66.54		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	211.78	196.92	213.29	207.33	4.36	ppb
Thallium	205-1	213.43	198.39	216.24	209.35	4.58	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:19:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.00	0.00	31.33	ppb
Tin	118-1	5.01	4.81	5.04	4.96	2.51	ppb
Titanium	47-1	0.03	0.09	0.10	0.07	46.74	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	24.03	ppb
Vanadium	51-2	98.43	96.93	97.62	97.66	0.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	206.64	198.95	204.54	203.38	1.96	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	43.26	ppb
Zirconium	91-1	0.11	0.13	0.12	0.12	4.94	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.22	21.48	21.67	21.46	1.05	ppb
Antimony	121-1	1.81	2.02	2.19	2.00	9.45	ppb
Arsenic	75-2	1.06	0.90	1.05	1.00	8.71	ppb
Barium	135-1	8.72	10.38	10.67	9.92	10.62	ppb
Barium	137-1	8.95	10.18	10.45	9.86	8.15	ppb
Beryllium	9-1	0.80	1.12	1.08	1.00	17.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	20.04	25.36	25.41	23.60	13.09	ppb
Boron	11-1	20.22	26.46	25.15	23.94	13.74	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.77	0.95	0.97	0.90	12.43	ppb
Cadmium	106-1	-1.52	-0.94	0.13	-0.78		ppb
Cadmium	108-1	0.78	1.22	1.11	1.04	22.19	ppb
Calcium	43-1	438.35	523.24	530.58	497.39	10.31	ppb
Calcium	44-1	457.37	537.18	541.60	512.05	9.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.01	2.02	2.03	1.64	ppb
Cobalt	59-2	0.98	1.02	1.00	1.00	1.91	ppb
Copper	63-2	1.82	2.00	1.93	1.92	4.70	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				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	55.65	56.24	56.95	56.28	1.16	ppb
Iron	57-2	59.08	53.92	54.21	55.74	5.20	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	61.62	53.60	54.92	56.71	7.58	ppb
Krypton	83-1						cps
Lead	206-1	0.85	1.00	1.06	0.97	11.16	ppb
Lead	207-1	0.89	1.02	1.03	0.98	7.90	ppb
Lead	208-1	0.85	1.02	1.06	0.98	11.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	495.30	501.89	503.57	500.25	0.87	ppb
Manganese	55-2	1.11	1.06	1.01	1.06	4.31	ppb
Molybdenum	94-1	4.12	5.00	5.01	4.71	10.86	ppb
Molybdenum	95-1	4.14	5.14	5.12	4.80	11.87	ppb
Molybdenum	96-1	4.13	5.06	5.12	4.77	11.60	ppb
Molybdenum	97-1	4.14	5.11	5.19	4.81	12.17	ppb
Molybdenum	98-1	4.37	5.18	5.22	4.92	9.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.04	1.02	1.00	4.15	ppb
Phosphorus	31-2	-3.34	-6.80	-4.86	-5.00		ppb
Potassium	39-2	524.42	527.79	546.72	532.98	2.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	4.61	4.93	5.05	4.86	4.67	ppb
Selenium	77-2	3.95	9.73	3.34	5.67	62.16	ppb
Selenium	78-2	5.14	4.81	5.20	5.05	4.21	ppb
Silicon	28-1	1.58	7.33	8.17	5.69	63.05	ppb
Silver	107-1	0.87	1.02	1.07	0.99	10.40	ppb
Silver	109-1	0.92	1.00	0.98	0.97	4.31	ppb
Sodium	23-2	524.03	521.86	528.66	524.85	0.66	ppb
Strontium	86-1	0.78	1.12	1.11	1.00	19.40	ppb
Strontium	88-1	0.90	1.09	1.14	1.05	12.07	ppb
Sulfur	34-1	-1362.77	-86.12	84.72	-454.72		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.73	0.86	0.85	0.81	8.63	ppb
Thallium	205-1	0.78	0.91	0.92	0.87	9.05	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.18	4.84	5.01	4.68	9.45	ppb
Titanium	47-1	3.97	4.83	4.70	4.50	10.30	ppb
Uranium	238-1	0.72	0.91	0.91	0.85	12.90	ppb
Vanadium	51-2	4.84	5.03	5.05	4.97	2.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	2.29	2.39	2.53	2.40	5.01	ppb
Zirconium	90-1	0.74	0.94	0.93	0.87	12.78	ppb
Zirconium	91-1	0.71	0.97	0.92	0.87	15.71	ppb

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:37:01 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.22	0.41	0.30	31.19	ppb
Antimony	121-1	0.01	0.02	0.01	0.02	18.61	ppb
Arsenic	75-2	0.00	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	159.89	ppb
Beryllium	9-1	0.02	-0.01	0.03	0.01	174.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	2.91	1.74	1.67	2.10	33.04	ppb
Boron	11-1	2.54	2.43	2.56	2.51	2.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.00	-0.11	-0.02		ppb
Cadmium	106-1	0.32	-0.02	-1.42	-0.37		ppb
Cadmium	108-1	-0.21	-0.07	-0.15	-0.14		ppb
Calcium	43-1	2.39	1.51	1.20	1.70	36.26	ppb
Calcium	44-1	2.07	2.52	1.59	2.06	22.54	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	0.00	425.05	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.00	0.03	0.02	108.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	0.25	0.11	0.18	0.18	37.82	ppb
Iron	57-2	-0.22	0.64	-0.60	-0.06		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:37:01	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.28	-1.41	-0.66	-0.79		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.10	0.09	11.41	ppb
Lead	207-1	0.08	0.10	0.09	0.09	6.32	ppb
Lead	208-1	0.09	0.09	0.10	0.09	6.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.71	0.47	0.67	0.62	21.41	ppb
Manganese	55-2	0.01	0.00	0.01	0.01	92.13	ppb
Molybdenum	94-1	-0.03	-0.01	0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	3318.57	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.04	0.04	25.08	ppb
Phosphorus	31-2	7.66	7.13	3.26	6.02	39.88	ppb
Potassium	39-2	5.20	6.19	1.26	4.22	61.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.11	0.24	-0.08	0.02	1240.93	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	0.13	0.27	0.17	50.57	ppb
Silicon	28-1	-0.33	-1.09	-1.20	-0.88		ppb
Silver	107-1	0.00	0.00	0.01	0.00	53.98	ppb
Silver	109-1	0.00	0.00	0.00	0.00	236.97	ppb
Sodium	23-2	11.60	13.04	10.83	11.82	9.49	ppb
Strontium	86-1	0.09	0.02	0.01	0.04	105.45	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	330.33	ppb
Sulfur	34-1	18.06	-176.84	-154.72	-104.50		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:37:01	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.00	0.01	0.01	75.47	ppb
Titanium	47-1	0.00	-0.01	0.03	0.01	356.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	78.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.32	0.27	0.38	0.32	17.05	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	-0.03	-0.02	-0.01		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:40:09	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94764.24	93929.92	93414.14	94036.10	0.72	ppb
Antimony	121-1	1.08	1.09	1.13	1.10	2.28	ppb
Arsenic	75-2	0.24	0.25	0.25	0.25	3.75	ppb
Barium	135-1	1.41	1.46	1.54	1.47	4.55	ppb
Barium	137-1	1.37	1.38	1.42	1.39	1.97	ppb
Beryllium	9-1	0.28	0.34	0.27	0.30	12.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	2.71	2.40	2.60	2.57	6.19	ppb
Boron	11-1	2.99	2.31	2.42	2.57	14.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.36	0.46	0.34	0.39	16.14	ppb
Cadmium	106-1	-1.94	-2.18	-3.41	-2.51		ppb
Cadmium	108-1	16.22	14.80	15.70	15.57	4.62	ppb
Calcium	43-1	104565.44	102691.38	104204.92	103820.58	0.96	ppb
Calcium	44-1	98111.59	97505.30	97962.15	97859.68	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.55	19.25	19.64	19.48	1.05	ppb
Cobalt	59-2	1.16	1.23	1.22	1.20	2.97	ppb
Copper	63-2	7.50	7.47	7.66	7.54	1.40	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				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	103405.79	102332.02	101652.76	102463.52	0.86	ppb
Iron	57-2	101873.57	101243.84	100182.23	101099.88	0.85	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:40:09	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102012.52	102387.96	101303.97	101901.48	0.54	ppb
Krypton	83-1						cps
Lead	206-1	4.69	4.59	4.69	4.66	1.19	ppb
Lead	207-1	4.27	4.04	4.15	4.15	2.80	ppb
Lead	208-1	4.42	4.25	4.34	4.34	1.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	92473.41	91907.48	92515.85	92298.91	0.37	ppb
Manganese	55-2	7.73	7.57	7.58	7.63	1.18	ppb
Molybdenum	94-1	1348.90	1352.63	1365.23	1355.59	0.63	ppb
Molybdenum	95-1	1925.89	1922.30	1942.48	1930.22	0.56	ppb
Molybdenum	96-1	1863.21	1851.36	1867.70	1860.76	0.45	ppb
Molybdenum	97-1	1961.13	1981.66	1975.50	1972.76	0.53	ppb
Molybdenum	98-1	1924.35	1928.96	1933.22	1928.84	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.34	5.32	5.31	0.69	ppb
Phosphorus	31-2	97914.34	98367.36	97466.22	97915.98	0.46	ppb
Potassium	39-2	97154.96	95853.51	95556.77	96188.41	0.88	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	0.54	-0.13	0.89	0.43	118.97	ppb
Selenium	77-2	0.00	0.78	0.00	0.26	173.21	ppb
Selenium	78-2	0.81	0.41	0.19	0.47	66.13	ppb
Silicon	28-1	18.75	18.41	19.10	18.75	1.83	ppb
Silver	107-1	0.02	0.02	0.03	0.02	33.26	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.18	ppb
Sodium	23-2	99408.00	98432.87	97884.51	98575.12	0.78	ppb
Strontium	86-1	34.66	34.51	34.83	34.66	0.46	ppb
Strontium	88-1	34.83	35.25	35.33	35.13	0.76	ppb
Sulfur	34-1	99635.74	98937.94	99270.32	99281.33	0.35	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.05	0.06	21.00	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.48	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:40:09	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	212.42	ppb
Tin	118-1	0.18	0.18	0.15	0.17	11.04	ppb
Titanium	47-1	1969.75	1945.16	1964.01	1959.64	0.66	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	6.50	ppb
Vanadium	51-2	0.15	0.16	0.15	0.15	3.98	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	11.82	11.51	11.99	11.77	2.08	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	27.35	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	39.88	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91959.37	93687.60	93866.07	93171.01	1.13	ppb
Antimony	121-1	19.99	21.14	20.84	20.66	2.90	ppb
Arsenic	75-2	19.83	20.57	20.93	20.45	2.75	ppb
Barium	135-1	20.67	21.49	21.93	21.36	3.01	ppb
Barium	137-1	20.62	21.20	21.93	21.25	3.08	ppb
Beryllium	9-1	19.36	20.44	20.16	19.98	2.81	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	52.04	52.01	56.32	53.46	4.64	ppb
Boron	11-1	55.31	55.78	55.95	55.68	0.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.77	19.70	19.77	19.75	0.19	ppb
Cadmium	106-1	22.19	18.68	20.26	20.38	8.64	ppb
Cadmium	108-1	35.32	33.66	35.77	34.91	3.18	ppb
Calcium	43-1	102609.40	104277.40	104865.07	103917.29	1.13	ppb
Calcium	44-1	95856.33	98886.09	98026.15	97589.52	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.06	39.22	39.19	38.82	1.70	ppb
Cobalt	59-2	20.62	21.00	21.52	21.05	2.14	ppb
Copper	63-2	26.73	27.32	27.31	27.12	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	101899.12	103545.91	104924.79	103456.61	1.46	ppb
Iron	57-2	98594.27	100926.42	103431.39	100984.02	2.40	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102134.86	102359.92	104272.42	102922.40	1.14	ppb
Krypton	83-1						cps
Lead	206-1	24.34	24.14	24.29	24.26	0.42	ppb
Lead	207-1	22.79	22.91	22.83	22.84	0.28	ppb
Lead	208-1	23.32	23.39	23.30	23.34	0.19	ppb
Lithium	6-1				88		%
Magnesium	24-2	91031.68	92571.38	92666.15	92089.74	1.00	ppb
Manganese	55-2	27.09	26.76	27.65	27.17	1.64	ppb
Molybdenum	94-1	1458.65	1461.20	1475.19	1465.02	0.61	ppb
Molybdenum	95-1	1954.01	1953.78	1942.43	1950.07	0.34	ppb
Molybdenum	96-1	1884.57	1888.85	1889.49	1887.64	0.14	ppb
Molybdenum	97-1	2015.64	2013.56	2008.63	2012.61	0.18	ppb
Molybdenum	98-1	1984.92	1957.84	1963.85	1968.87	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.64	24.79	25.83	25.09	2.59	ppb
Phosphorus	31-2	96624.27	97894.75	99591.90	98036.97	1.52	ppb
Potassium	39-2	94323.22	95039.38	96807.15	95389.92	1.34	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	20.95	19.97	18.43	19.78	6.42	ppb
Selenium	77-2	21.86	17.60	22.37	20.61	12.71	ppb
Selenium	78-2	19.00	22.32	18.24	19.85	10.92	ppb
Silicon	28-1	65.18	67.51	68.87	67.18	2.78	ppb
Silver	107-1	18.53	18.64	18.69	18.62	0.44	ppb
Silver	109-1	18.45	19.15	18.96	18.85	1.93	ppb
Sodium	23-2	96582.62	97574.65	99615.97	97924.41	1.58	ppb
Strontium	86-1	87.90	86.41	85.89	86.73	1.20	ppb
Strontium	88-1	89.15	88.02	87.99	88.39	0.74	ppb
Sulfur	34-1	98130.41	98653.13	98498.74	98427.43	0.27	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	19.69	19.59	19.88	19.72	0.76	ppb
Thallium	205-1	19.96	20.26	20.25	20.16	0.86	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	28.59	ppb
Tin	118-1	50.68	51.22	51.57	51.16	0.87	ppb
Titanium	47-1	1985.64	2023.87	2015.10	2008.20	1.00	ppb
Uranium	238-1	51.72	51.78	50.91	51.47	0.94	ppb
Vanadium	51-2	18.98	19.48	19.26	19.24	1.30	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	30.20	30.93	32.09	31.07	3.06	ppb
Zirconium	90-1	52.94	52.46	52.67	52.69	0.45	ppb
Zirconium	91-1	51.51	52.16	51.97	51.88	0.65	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49858.14	50065.70	48695.66	49539.83	1.49	ppb
Antimony	121-1	499.32	495.81	498.37	497.84	0.36	ppb
Arsenic	75-2	518.36	508.37	502.52	509.75	1.57	ppb
Barium	135-1	2547.21	2510.26	2524.04	2527.17	0.74	ppb
Barium	137-1	2512.00	2481.65	2490.59	2494.75	0.63	ppb
Beryllium	9-1	498.07	499.77	493.27	497.04	0.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	493.03	513.01	519.23	508.42	2.69	ppb
Boron	11-1	495.07	519.69	518.64	511.13	2.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.33	494.50	496.28	498.70	1.16	ppb
Cadmium	106-1	505.19	488.86	502.64	498.89	1.76	ppb
Cadmium	108-1	502.64	494.92	491.73	496.43	1.13	ppb
Calcium	43-1	265361.41	265463.54	264064.40	264963.12	0.29	ppb
Calcium	44-1	246697.73	248597.05	245485.77	246926.85	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.90	498.73	490.44	493.69	0.90	ppb
Cobalt	59-2	491.61	497.24	488.68	492.51	0.88	ppb
Copper	63-2	4918.98	4906.82	4837.27	4887.69	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				98		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	129654.36	131538.52	127306.34	129499.74	1.64	ppb
Iron	57-2	127415.04	130076.70	124433.38	127308.37	2.22	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	130274.23	129743.49	128361.93	129459.88	0.76	ppb
Krypton	83-1						cps
Lead	206-1	2494.98	2543.84	2524.58	2521.14	0.98	ppb
Lead	207-1	2510.62	2540.04	2516.33	2522.33	0.62	ppb
Lead	208-1	2507.03	2536.44	2518.38	2520.62	0.59	ppb
Lithium	6-1				86		%
Magnesium	24-2	247917.44	246861.32	240391.00	245056.59	1.66	ppb
Manganese	55-2	5065.86	5100.47	4935.70	5034.01	1.73	ppb
Molybdenum	94-1	2472.70	2491.82	2474.63	2479.72	0.42	ppb
Molybdenum	95-1	2458.22	2480.30	2464.58	2467.70	0.46	ppb
Molybdenum	96-1	2470.82	2460.79	2456.50	2462.70	0.30	ppb
Molybdenum	97-1	2529.15	2546.00	2521.06	2532.07	0.50	ppb
Molybdenum	98-1	2474.94	2493.83	2505.21	2491.33	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.82	527.50	517.00	521.44	1.04	ppb
Phosphorus	31-2	9924.95	9948.59	9687.37	9853.64	1.47	ppb
Potassium	39-2	126171.85	126630.28	124750.57	125850.90	0.78	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	497.87	493.76	496.08	495.90	0.41	ppb
Selenium	77-2	483.72	515.17	505.67	501.52	3.22	ppb
Selenium	78-2	495.52	523.89	493.96	504.46	3.34	ppb
Silicon	28-1	538.03	566.74	579.37	561.38	3.77	ppb
Silver	107-1	505.06	498.70	497.50	500.42	0.81	ppb
Silver	109-1	505.92	501.27	501.06	502.75	0.55	ppb
Sodium	23-2	248291.46	253831.16	246988.51	249703.71	1.46	ppb
Strontium	86-1	4920.76	4930.23	4932.24	4927.74	0.12	ppb
Strontium	88-1	4963.58	4964.22	4866.52	4931.44	1.14	ppb
Sulfur	34-1	10114.98	10296.11	10019.52	10143.53	1.39	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	497.79	507.70	507.13	504.21	1.10	ppb
Thallium	205-1	505.43	506.18	506.49	506.03	0.11	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	513.33	511.74	515.16	513.41	0.33	ppb
Tin	118-1	499.24	491.34	493.02	494.53	0.84	ppb
Titanium	47-1	2493.75	2480.96	2451.56	2475.42	0.87	ppb
Uranium	238-1	510.19	512.84	517.98	513.67	0.77	ppb
Vanadium	51-2	501.99	501.95	492.64	498.86	1.08	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	4838.98	4894.49	4808.22	4847.23	0.90	ppb
Zirconium	90-1	507.26	512.65	511.12	510.34	0.54	ppb
Zirconium	91-1	498.57	501.91	495.57	498.68	0.64	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:56:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.83	1.11	0.73	60.02	ppb
Antimony	121-1	0.09	0.09	0.11	0.10	10.91	ppb
Arsenic	75-2	0.00	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.02	0.05	0.03	0.04	34.88	ppb
Barium	137-1	0.02	0.02	0.02	0.02	21.77	ppb
Beryllium	9-1	0.08	0.06	0.03	0.06	46.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	8.30	9.49	8.15	8.65	8.44	ppb
Boron	11-1	9.87	10.65	10.24	10.25	3.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.16	-0.11	-0.07	-0.11		ppb
Cadmium	106-1	-2.36	-1.64	-1.27	-1.76		ppb
Cadmium	108-1	-0.12	-0.15	-0.15	-0.14		ppb
Calcium	43-1	4.26	1.74	4.72	3.58	44.81	ppb
Calcium	44-1	6.95	5.91	7.14	6.67	9.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.02	0.03	36.04	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	2315.56	ppb
Copper	63-2	0.19	0.18	0.22	0.20	11.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	1.34	1.38	1.63	1.45	10.93	ppb
Iron	57-2	1.16	0.95	1.26	1.12	14.13	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:56:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.30	1.08	0.53	0.97	41.03	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.10	0.11	12.80	ppb
Lead	207-1	0.10	0.10	0.10	0.10	1.19	ppb
Lead	208-1	0.11	0.11	0.10	0.11	4.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.94	2.64	3.24	2.94	10.29	ppb
Manganese	55-2	0.07	0.09	0.05	0.07	28.93	ppb
Molybdenum	94-1	0.08	0.10	0.09	0.09	9.13	ppb
Molybdenum	95-1	0.10	0.09	0.08	0.09	12.98	ppb
Molybdenum	96-1	0.12	0.07	0.07	0.09	30.17	ppb
Molybdenum	97-1	0.07	0.10	0.06	0.08	26.24	ppb
Molybdenum	98-1	0.09	0.06	0.05	0.07	27.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	50.01	ppb
Phosphorus	31-2	-3.03	11.56	3.82	4.12	177.24	ppb
Potassium	39-2	18.66	21.36	19.77	19.93	6.81	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-0.11	1.16	-0.70	0.12	804.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	0.48	0.89	0.50	75.88	ppb
Silicon	28-1	1.82	1.96	1.69	1.82	7.39	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.63	ppb
Silver	109-1	10.41	0.02	0.02	3.48	172.29	ppb
Sodium	23-2	63.72	59.24	59.03	60.66	4.36	ppb
Strontium	86-1	0.02	0.01	0.06	0.03	100.85	ppb
Strontium	88-1	0.04	0.04	0.05	0.05	6.94	ppb
Sulfur	34-1	-188.82	-142.17	-168.53	-166.51		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.04	0.04	0.05	26.62	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	18.39	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:56:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.01	0.01	14.78	ppb
Tin	118-1	0.07	0.04	0.04	0.05	38.47	ppb
Titanium	47-1	0.11	0.03	0.14	0.09	61.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.36	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	0.79	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	0.62	0.82	0.58	0.68	18.87	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	58.20	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	145.99	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.63	23.14	22.36	21.38	11.26	ppb
Antimony	121-1	1.98	2.02	2.19	2.07	5.45	ppb
Arsenic	75-2	1.00	0.75	0.96	0.90	14.95	ppb
Barium	135-1	10.40	9.84	11.36	10.53	7.27	ppb
Barium	137-1	9.91	10.05	11.22	10.39	6.93	ppb
Beryllium	9-1	1.11	1.18	1.15	1.15	2.98	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	26.26	24.14	31.34	27.25	13.59	ppb
Boron	11-1	26.17	26.71	30.04	27.64	7.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.83	0.79	0.98	0.87	11.99	ppb
Cadmium	106-1	-1.73	-1.43	-0.98	-1.38		ppb
Cadmium	108-1	1.03	0.82	1.32	1.06	24.17	ppb
Calcium	43-1	517.88	544.30	562.33	541.50	4.13	ppb
Calcium	44-1	529.60	535.57	575.58	546.92	4.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.07	2.03	2.05	1.05	ppb
Cobalt	59-2	1.01	1.00	1.04	1.01	1.87	ppb
Copper	63-2	1.83	1.83	1.89	1.85	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	56.23	55.46	55.07	55.58	1.06	ppb
Iron	57-2	55.79	56.12	59.52	57.14	3.62	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.77	54.36	59.78	56.64	4.97	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	1.11	1.04	6.68	ppb
Lead	207-1	1.01	0.96	1.07	1.02	5.41	ppb
Lead	208-1	1.00	0.98	1.10	1.03	6.61	ppb
Lithium	6-1				92		%
Magnesium	24-2	494.93	492.51	488.76	492.07	0.63	ppb
Manganese	55-2	1.05	1.01	0.99	1.02	2.95	ppb
Molybdenum	94-1	4.78	4.81	5.36	4.98	6.53	ppb
Molybdenum	95-1	4.68	5.09	5.59	5.12	8.91	ppb
Molybdenum	96-1	4.80	5.02	5.57	5.13	7.75	ppb
Molybdenum	97-1	4.81	5.06	5.69	5.19	8.70	ppb
Molybdenum	98-1	4.98	4.98	5.45	5.14	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.08	1.06	1.07	1.32	ppb
Phosphorus	31-2	-4.26	-7.05	6.46	-1.62		ppb
Potassium	39-2	524.41	541.17	541.13	535.57	1.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	82-1	4.67	5.31	5.20	5.06	6.79	ppb
Selenium	77-2	5.65	6.29	5.61	5.85	6.54	ppb
Selenium	78-2	5.20	4.39	6.76	5.45	22.08	ppb
Silicon	28-1	7.41	8.42	13.91	9.92	35.30	ppb
Silver	107-1	0.97	0.98	1.06	1.00	5.22	ppb
Silver	109-1	1.02	1.03	1.12	1.06	5.40	ppb
Sodium	23-2	526.47	517.02	522.36	521.95	0.91	ppb
Strontium	86-1	1.12	1.03	1.15	1.10	5.91	ppb
Strontium	88-1	1.09	1.06	1.16	1.10	4.99	ppb
Sulfur	34-1	231.47	255.02	1244.77	577.09	100.22	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.93	0.95	1.08	0.99	8.21	ppb
Thallium	205-1	0.91	0.94	1.06	0.97	8.13	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	4.85	4.95	5.39	5.06	5.64	ppb
Titanium	47-1	4.58	4.77	5.10	4.82	5.50	ppb
Uranium	238-1	0.88	0.88	0.96	0.91	4.88	ppb
Vanadium	51-2	4.86	4.88	4.89	4.88	0.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	2.39	2.41	2.40	2.40	0.52	ppb
Zirconium	90-1	0.91	0.93	1.04	0.96	7.32	ppb
Zirconium	91-1	0.84	0.83	0.93	0.87	6.39	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	2.27	2.66	2.23	19.97	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	27.45	ppb
Arsenic	75-2	0.02	0.01	-0.01	0.01	240.48	ppb
Barium	135-1	0.05	0.01	0.04	0.04	60.74	ppb
Barium	137-1	0.02	0.03	0.02	0.02	17.54	ppb
Beryllium	9-1	0.00	0.00	0.04	0.01	217.25	ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	10-1	0.67	0.48	0.90	0.69	30.43	ppb
Boron	11-1	0.53	0.91	0.79	0.74	25.90	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.17	-0.12	-0.12		ppb
Cadmium	106-1	-0.69	-2.25	-1.64	-1.53		ppb
Cadmium	108-1	-0.06	-0.08	-0.25	-0.13		ppb
Calcium	43-1	5.04	5.54	9.94	6.84	39.43	ppb
Calcium	44-1	6.89	6.09	7.64	6.88	11.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.05	0.05	2.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.02	0.03	0.03	28.40	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				110		%
Indium	115-1				117		%
Indium	115-2				110		%
Iron	56-2	0.36	0.43	0.35	0.38	11.00	ppb
Iron	57-2	0.02	0.88	0.25	0.38	116.57	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-2.27	-2.08	-1.27	-1.87		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.07	0.06	17.46	ppb
Lead	207-1	0.08	0.05	0.07	0.07	20.88	ppb
Lead	208-1	0.06	0.06	0.06	0.06	7.46	ppb
Lithium	6-1				115		%
Magnesium	24-2	1.38	1.30	1.41	1.36	4.03	ppb
Manganese	55-2	0.31	0.39	0.32	0.34	11.52	ppb
Molybdenum	94-1	0.00	0.03	-0.01	0.01	404.37	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	247.11	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.04	0.01	228.36	ppb
Phosphorus	31-2	-2.94	-5.32	-8.73	-5.66		ppb
Potassium	39-2	-12.19	-9.02	-6.31	-9.18		ppb
Rhodium	103-1				116		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	-0.33	0.35	0.09	0.04	908.78	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	-0.11	0.49	-0.01		ppb
Silicon	28-1	0.28	4.80	8.17	4.42	89.64	ppb
Silver	107-1	0.01	0.00	0.00	0.00	121.84	ppb
Silver	109-1	0.00	0.00	0.00	0.00	451.66	ppb
Sodium	23-2	6.41	8.88	9.05	8.11	18.18	ppb
Strontium	86-1	-0.05	0.01	-0.05	-0.03		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	4.02	ppb
Sulfur	34-1	-1491.25	-1235.89	-1269.90	-1332.35		ppb
Terbium	159-1				119		%
Terbium	159-2				110		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.06	-0.05	-0.05		ppb
Titanium	47-1	0.01	0.05	0.03	0.03	49.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	365.36	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	184.06	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	17.11	16.75	16.96	16.94	1.08	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.11	-0.03	0.01	623.10	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	55.68	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	231.96	ppb
Barium	137-1	0.00	0.00	0.00	0.00	5713.18	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	32.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	0.71	0.95	0.66	0.77	19.93	ppb
Boron	11-1	1.19	0.92	0.74	0.95	23.67	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	0.01	-0.03	-0.04		ppb
Cadmium	106-1	-1.06	0.17	-0.35	-0.41		ppb
Cadmium	108-1	-0.18	-0.09	-0.09	-0.12		ppb
Calcium	43-1	-2.76	-0.34	0.08	-1.01		ppb
Calcium	44-1	0.26	-0.11	-0.39	-0.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.03	0.02	81.15	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	0.01	0.00	493.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	-0.15	-0.06	-0.04	-0.08		ppb
Iron	57-2	0.29	-0.11	-0.43	-0.08		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.22	-1.35	-0.90	-0.82		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.04	0.04	31.38	ppb
Lead	207-1	0.02	0.04	0.04	0.03	25.69	ppb
Lead	208-1	0.03	0.04	0.05	0.04	26.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.52	0.76	0.61	0.63	19.19	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.02	0.02	0.01	0.00	482.65	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.01	0.01	72.62	ppb
Phosphorus	31-2	-3.19	4.19	0.59	0.53	693.44	ppb
Potassium	39-2	11.36	2.58	9.42	7.79	59.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.36	0.37	-0.08	-0.02		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	0.24	0.44	0.37	31.33	ppb
Silicon	28-1	-1.06	-0.50	-0.25	-0.61		ppb
Silver	107-1	-0.01	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	8.32	9.29	8.33	8.65	6.43	ppb
Strontium	86-1	-0.03	0.03	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	300.49	276.84	142.43	239.92	35.53	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.01	0.06	0.02	0.02	140.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	91.48	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.06	0.14	0.00	0.07	108.61	ppb
Zirconium	90-1	-0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	65.82	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10293.92	10236.76	10409.78	10313.49	0.85	ppb
Antimony	121-1	504.06	501.96	513.79	506.60	1.25	ppb
Arsenic	75-2	498.39	491.27	494.55	494.74	0.72	ppb
Barium	135-1	2511.01	2525.07	2571.96	2536.01	1.26	ppb
Barium	137-1	2521.09	2511.33	2573.48	2535.30	1.32	ppb
Beryllium	9-1	499.17	493.57	500.54	497.76	0.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	462.19	488.92	492.33	481.15	3.43	ppb
Boron	11-1	471.84	489.43	496.96	486.08	2.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	505.87	507.54	516.69	510.03	1.14	ppb
Cadmium	106-1	504.04	507.66	514.38	508.69	1.03	ppb
Cadmium	108-1	502.40	505.62	523.83	510.62	2.26	ppb
Calcium	43-1	54139.90	54282.17	55941.04	54787.70	1.83	ppb
Calcium	44-1	50466.29	50993.86	52107.88	51189.34	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.38	487.50	493.33	490.74	0.60	ppb
Cobalt	59-2	492.73	489.62	496.34	492.90	0.68	ppb
Copper	63-2	5072.49	4982.92	4946.62	5000.68	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	26280.80	25967.23	26068.28	26105.44	0.61	ppb
Iron	57-2	26514.14	26408.31	26661.12	26527.85	0.48	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27568.22	27677.13	27904.84	27716.73	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2469.60	2505.14	2530.12	2501.62	1.22	ppb
Lead	207-1	2460.75	2464.01	2498.96	2474.57	0.86	ppb
Lead	208-1	2458.15	2474.84	2506.38	2479.79	0.99	ppb
Lithium	6-1				94		%
Magnesium	24-2	49261.12	48989.46	49780.98	49343.85	0.82	ppb
Manganese	55-2	4937.05	4881.40	4919.71	4912.72	0.58	ppb
Molybdenum	94-1	2470.87	2465.92	2515.71	2484.17	1.10	ppb
Molybdenum	95-1	2460.24	2482.25	2518.06	2486.85	1.17	ppb
Molybdenum	96-1	2451.02	2432.72	2505.44	2463.06	1.54	ppb
Molybdenum	97-1	2485.61	2504.00	2588.49	2526.03	2.17	ppb
Molybdenum	98-1	2454.77	2461.38	2540.46	2485.54	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.22	491.98	496.35	495.18	0.57	ppb
Phosphorus	31-2	10002.32	9924.83	10050.78	9992.64	0.64	ppb
Potassium	39-2	25090.64	24563.96	24719.00	24791.20	1.09	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	492.90	505.85	519.07	505.94	2.59	ppb
Selenium	77-2	483.22	520.96	524.92	509.70	4.52	ppb
Selenium	78-2	498.64	511.80	508.30	506.24	1.35	ppb
Silicon	28-1	558.48	580.96	616.61	585.35	5.01	ppb
Silver	107-1	514.79	511.95	525.11	517.29	1.34	ppb
Silver	109-1	514.62	515.59	529.07	519.76	1.55	ppb
Sodium	23-2	50094.67	49709.59	50353.64	50052.64	0.65	ppb
Strontium	86-1	4885.98	4934.97	5049.30	4956.75	1.69	ppb
Strontium	88-1	4939.62	4988.15	5018.07	4981.95	0.79	ppb
Sulfur	34-1	10771.06	10517.92	10691.94	10660.31	1.21	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	488.60	487.65	501.07	492.44	1.52	ppb
Thallium	205-1	495.59	498.20	502.15	498.65	0.66	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	482.49	484.02	488.80	485.10	0.68	ppb
Tin	118-1	501.20	499.34	507.46	502.67	0.85	ppb
Titanium	47-1	2459.93	2447.83	2506.49	2471.42	1.25	ppb
Uranium	238-1	479.38	481.42	492.02	484.27	1.40	ppb
Vanadium	51-2	491.74	484.66	491.96	489.45	0.85	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	4939.34	4933.60	4952.48	4941.81	0.20	ppb
Zirconium	90-1	493.14	492.60	504.88	496.87	1.40	ppb
Zirconium	91-1	485.90	490.35	500.35	492.20	1.50	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48913.99	48859.31	49914.56	49229.29	1.21	ppb
Antimony	121-1	485.79	497.15	499.13	494.02	1.46	ppb
Arsenic	75-2	495.73	508.05	508.63	504.14	1.45	ppb
Barium	135-1	2496.00	2514.31	2528.28	2512.86	0.64	ppb
Barium	137-1	2445.75	2493.98	2528.62	2489.45	1.67	ppb
Beryllium	9-1	496.84	498.75	503.57	499.72	0.69	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	501.81	502.94	521.69	508.81	2.20	ppb
Boron	11-1	497.69	516.80	521.51	512.00	2.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.50	500.79	499.99	498.43	0.69	ppb
Cadmium	106-1	492.08	485.29	496.58	491.32	1.16	ppb
Cadmium	108-1	494.30	496.04	498.89	496.41	0.47	ppb
Calcium	43-1	268278.53	265446.47	264164.80	265963.27	0.79	ppb
Calcium	44-1	250750.66	250898.69	249516.57	250388.64	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.84	490.94	496.27	491.68	0.87	ppb
Cobalt	59-2	484.87	490.41	491.93	489.07	0.76	ppb
Copper	63-2	4909.35	4911.50	4927.59	4916.15	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	128573.74	128943.29	130232.28	129249.77	0.67	ppb
Iron	57-2	127086.89	126071.30	128580.52	127246.24	0.99	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129394.70	129066.24	130214.05	129558.33	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2573.61	2535.37	2527.61	2545.53	0.97	ppb
Lead	207-1	2558.23	2519.55	2525.50	2534.43	0.82	ppb
Lead	208-1	2557.32	2534.90	2527.68	2539.97	0.61	ppb
Lithium	6-1				86		%
Magnesium	24-2	240610.99	243147.31	247685.51	243814.60	1.47	ppb
Manganese	55-2	4989.47	4982.56	5039.60	5003.87	0.62	ppb
Molybdenum	94-1	2533.65	2500.22	2463.53	2499.13	1.40	ppb
Molybdenum	95-1	2541.75	2463.33	2446.75	2483.94	2.04	ppb
Molybdenum	96-1	2519.09	2497.14	2475.67	2497.30	0.87	ppb
Molybdenum	97-1	2546.57	2537.91	2529.02	2537.84	0.35	ppb
Molybdenum	98-1	2510.20	2472.38	2478.84	2487.14	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.45	524.93	523.29	522.56	0.54	ppb
Phosphorus	31-2	9743.32	9846.02	10078.13	9889.16	1.73	ppb
Potassium	39-2	123619.49	124281.91	126810.40	124903.93	1.35	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	82-1	506.98	499.59	493.20	499.92	1.38	ppb
Selenium	77-2	486.59	519.11	497.40	501.03	3.31	ppb
Selenium	78-2	498.79	490.35	504.26	497.80	1.41	ppb
Silicon	28-1	553.80	577.19	588.93	573.31	3.12	ppb
Silver	107-1	493.99	496.79	497.30	496.03	0.36	ppb
Silver	109-1	493.68	495.09	499.46	496.08	0.61	ppb
Sodium	23-2	244718.99	245949.48	246473.97	245714.15	0.37	ppb
Strontium	86-1	4983.88	4909.91	4849.95	4914.58	1.37	ppb
Strontium	88-1	4983.00	4972.79	4950.64	4968.81	0.33	ppb
Sulfur	34-1	10432.06	10326.50	10383.98	10380.85	0.51	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	507.06	504.00	506.05	505.70	0.31	ppb
Thallium	205-1	514.20	510.94	512.54	512.56	0.32	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	522.28	517.39	515.01	518.23	0.72	ppb
Tin	118-1	485.28	493.29	499.47	492.68	1.44	ppb
Titanium	47-1	2461.23	2470.03	2452.18	2461.14	0.36	ppb
Uranium	238-1	526.17	515.51	522.93	521.54	1.05	ppb
Vanadium	51-2	491.60	496.87	501.86	496.78	1.03	ppb
Yttrium	89-1				88		%
Yttrium	89-2				85		%
Zinc	66-2	4809.88	4824.41	4858.05	4830.78	0.51	ppb
Zirconium	90-1	513.92	513.49	508.84	512.08	0.55	ppb
Zirconium	91-1	504.34	499.41	493.31	499.02	1.11	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:46:00	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	0.68	0.73	0.90	37.18	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	6.35	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.03	0.01	0.04	0.03	44.34	ppb
Barium	137-1	0.04	0.04	0.05	0.05	18.73	ppb
Beryllium	9-1	0.04	0.08	0.07	0.06	38.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	10.42	8.12	9.32	9.29	12.38	ppb
Boron	11-1	9.79	9.37	8.77	9.31	5.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.12	-0.21	-0.18		ppb
Cadmium	106-1	-3.01	-1.88	-3.02	-2.63		ppb
Cadmium	108-1	-0.15	-0.09	-0.21	-0.15		ppb
Calcium	43-1	5.29	3.10	4.39	4.26	25.73	ppb
Calcium	44-1	7.51	7.47	7.70	7.56	1.65	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	0.02	50.09	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	130.81	ppb
Copper	63-2	0.14	0.16	0.12	0.14	11.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	1.61	1.71	1.57	1.63	4.24	ppb
Iron	57-2	1.34	1.45	2.37	1.72	32.73	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:46:00	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.87	1.23	1.39	1.16	22.67	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.20	0.20	2.48	ppb
Lead	207-1	0.24	0.19	0.18	0.20	14.77	ppb
Lead	208-1	0.21	0.20	0.19	0.20	4.22	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.19	3.92	3.72	3.61	10.44	ppb
Manganese	55-2	0.12	0.09	0.08	0.10	20.80	ppb
Molybdenum	94-1	0.12	0.07	0.06	0.08	37.70	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.08	7.36	ppb
Molybdenum	96-1	0.09	0.06	0.09	0.08	18.54	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	8.06	ppb
Molybdenum	98-1	0.08	0.10	0.08	0.09	10.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.03	0.03	51.51	ppb
Phosphorus	31-2	-7.81	7.68	8.68	2.85	324.37	ppb
Potassium	39-2	20.99	12.86	14.65	16.16	26.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	-0.14	0.33	-0.16	0.01	2814.93	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	-0.21	0.10	-0.09		ppb
Silicon	28-1	-0.81	0.39	0.69	0.09	894.16	ppb
Silver	107-1	0.02	0.03	0.02	0.02	27.62	ppb
Silver	109-1	0.01	0.03	0.02	0.02	36.88	ppb
Sodium	23-2	45.09	41.53	43.52	43.38	4.12	ppb
Strontium	86-1	0.02	0.01	0.08	0.04	103.50	ppb
Strontium	88-1	0.07	0.06	0.08	0.07	11.60	ppb
Sulfur	34-1	-361.51	-266.54	-145.92	-257.99		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.07	0.06	0.08	16.83	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	11.92	ppb

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:46:00	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.02	0.01	15.29	ppb
Tin	118-1	0.04	0.07	0.06	0.06	29.41	ppb
Titanium	47-1	0.05	0.09	0.03	0.06	59.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.70	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	63.51	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	0.68	0.68	0.78	0.71	7.95	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	40.89	ppb
Zirconium	91-1	0.03	0.02	0.02	0.03	24.35	ppb

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 12:37:20 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	50	56	17.32	cps
Antimony	121-1	117	92	142	117	21.43	cps
Arsenic	75-2	11	11	11	11	0.00	cps
Barium	135-1	8	17	25	17	50.01	cps
Barium	137-1	33	25	0	19	89.21	cps
Beryllium	9-1	44	50	89	61	39.62	cps
Bismuth	209-1	6674214	6718617	6670652	6687828	0.40	cps
Bismuth	209-2	4992167	4978965	4970446	4980526	0.22	cps
Boron	10-1	375	325	442	381	15.38	cps
Boron	11-1	1700	1767	1733	1733	1.92	cps
Bromine	81-1	8261	7802	7194	7752	6.91	cps
Bromine	81-2	130	90	70	97	31.61	cps
Cadmium	111-1	3289	3118	3198	3202	2.66	cps
Cadmium	106-1	4701	4467	4576	4581	2.55	cps
Cadmium	108-1	50	54	38	47	18.37	cps
Calcium	43-1	108	83	167	119	35.80	cps
Calcium	44-1	4351	3809	3892	4017	7.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	800	810	580	730	17.81	cps
Cobalt	59-2	53	60	83	66	24.03	cps
Copper	63-2	823	693	613	710	14.93	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	75	83	69	24.98	cps
Erbium	164-2	20	30	43	31	37.62	cps
Gadolinium	160-1	83	67	42	64	32.83	cps
Gadolinium	160-2	150	127	130	136	9.31	cps
Holmium	165-1	9721969	9786220	9588956	9699048	1.04	cps
Holmium	165-2	6479693	6480851	6498192	6486245	0.16	cps
Indium	115-1	7121580	7163556	7115462	7133533	0.37	cps
Indium	115-2	2155002	2134155	2129765	2139641	0.63	cps
Iron	56-2	3995	4028	4228	4084	3.09	cps
Iron	57-2	139	122	161	141	13.86	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:37:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1051	921	851	941	10.80	cps
Krypton	83-1	530	557	563	550	3.21	cps
Lead	206-1	978	1000	989	989	1.12	cps
Lead	207-1	822	883	789	832	5.76	cps
Lead	208-1	3761	3950	3750	3821	2.94	cps
Lithium	6-1	2124604	2173428	2148841	2148958	1.14	cps
Magnesium	24-2	242	250	167	219	20.92	cps
Manganese	55-2	53	70	53	59	16.34	cps
Molybdenum	94-1	133	233	217	194	27.55	cps
Molybdenum	95-1	50	42	8	33	66.15	cps
Molybdenum	96-1	100	75	83	86	14.78	cps
Molybdenum	97-1	8	8	58	25	115.49	cps
Molybdenum	98-1	50	83	75	69	24.98	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	173	123	157	151	16.85	cps
Phosphorus	31-2	300	192	200	231	26.15	cps
Potassium	39-2	35151	31676	31985	32937	5.84	cps
Rhodium	103-1	6440122	6474397	6454259	6456260	0.27	cps
Rhodium	103-2	4006287	3942369	3965758	3971472	0.81	cps
Scandium	45-1	4230811	4238699	4217580	4229030	0.25	cps
Scandium	45-2	309284	304344	303806	305811	0.99	cps
Selenium	82-1	6	-16	-11	-7	-159.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	67	70	75	15.81	cps
Silicon	28-1	187963	184617	184558	185712	1.05	cps
Silver	107-1	108	83	92	94	13.48	cps
Silver	109-1	25	67	42	44	47.19	cps
Sodium	23-2	10412	10070	9978	10154	2.25	cps
Strontium	86-1	908	875	858	881	2.89	cps
Strontium	88-1	183	142	183	169	14.20	cps
Sulfur	34-1	362547	354030	360294	358957	1.23	cps
Terbium	159-1	9863614	9880382	9699090	9814362	1.02	cps
Terbium	159-2	6471210	6402332	6363350	6412297	0.85	cps
Thallium	203-1	517	467	408	464	11.69	cps
Thallium	205-1	1042	975	1175	1064	9.57	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:37:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	217	189	250	219	14.00	cps
Tin	118-1	733	683	808	742	8.48	cps
Titanium	47-1	33	17	58	36	58.07	cps
Uranium	238-1	25	0	17	14	91.65	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Yttrium	89-1	11296748	11194583	11194860	11228730	0.52	cps
Yttrium	89-2	2537062	2469750	2485288	2497367	1.41	cps
Zinc	66-2	293	400	350	348	15.35	cps
Zirconium	90-1	708	667	458	611	21.92	cps
Zirconium	91-1	108	100	108	106	4.56	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3234	2859	2817	2970	7.73	cps
Antimony	121-1	14750	15392	15125	15089	2.14	cps
Arsenic	75-2	343	359	326	343	4.87	cps
Barium	135-1	18463	18538	17712	18237	2.50	cps
Barium	137-1	31712	32096	31812	31873	0.63	cps
Beryllium	9-1	1583	1645	1556	1595	2.85	cps
Bismuth	209-1	6717699	6793873	6580233	6697268	1.62	cps
Bismuth	209-2	4990604	5082115	4981646	5018121	1.11	cps
Boron	10-1	5026	5793	5201	5340	7.53	cps
Boron	11-1	23702	26023	23293	24340	6.05	cps
Bromine	81-1	8261	8753	8061	8358	4.26	cps
Bromine	81-2	50	20	20	30	57.74	cps
Cadmium	111-1	5263	5711	5182	5385	5.30	cps
Cadmium	106-1	4793	5243	4834	4957	5.02	cps
Cadmium	108-1	167	179	242	196	20.52	cps
Calcium	43-1	11054	10604	10696	10785	2.21	cps
Calcium	44-1	186159	184740	183738	184879	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6832	6802	7178	6937	3.02	cps
Cobalt	59-2	5128	5198	5074	5133	1.21	cps
Copper	63-2	7212	7345	7409	7322	1.37	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	67	50	64	19.92	cps
Erbium	164-2	13	23	43	27	57.29	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Gadolinium	160-2	130	140	133	134	3.79	cps
Holmium	165-1	9735531	9785136	9660159	9726942	0.65	cps
Holmium	165-2	6475174	6587432	6509818	6524141	0.88	cps
Indium	115-1	7109590	7168548	7194239	7157459	0.61	cps
Indium	115-2	2135810	2177914	2154328	2156017	0.98	cps
Iron	56-2	150505	150466	147812	149594	1.03	cps
Iron	57-2	3656	4151	3989	3932	6.41	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8271	8641	9082	8665	4.69	cps
Krypton	83-1	553	557	620	577	6.51	cps
Lead	206-1	8041	7925	8297	8088	2.36	cps
Lead	207-1	6974	7319	7041	7111	2.57	cps
Lead	208-1	32233	33211	32149	32531	1.82	cps
Lithium	6-1	2170905	2290794	2117445	2193048	4.05	cps
Magnesium	24-2	150370	150993	151826	151063	0.48	cps
Manganese	55-2	2217	2114	2160	2164	2.39	cps
Molybdenum	94-1	15192	14658	15017	14955	1.82	cps
Molybdenum	95-1	18729	18003	18195	18309	2.05	cps
Molybdenum	96-1	19939	20248	20407	20198	1.18	cps
Molybdenum	97-1	12081	11797	11638	11839	1.89	cps
Molybdenum	98-1	30375	30959	30091	30475	1.45	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1497	1547	1610	1551	3.66	cps
Phosphorus	31-2	250	192	175	206	19.16	cps
Potassium	39-2	172223	172779	176487	173830	1.33	cps
Rhodium	103-1	6577018	6530216	6521497	6542910	0.46	cps
Rhodium	103-2	3974198	4042885	4011768	4009617	0.86	cps
Scandium	45-1	4284723	4257694	4236355	4259591	0.57	cps
Scandium	45-2	306184	310551	309419	308718	0.73	cps
Selenium	82-1	721	656	623	667	7.45	cps
Selenium	77-2	40	63	63	56	24.25	cps
Selenium	78-2	219	263	263	248	10.34	cps
Silicon	28-1	232447	224342	233157	229982	2.13	cps
Silver	107-1	9945	9695	9737	9793	1.37	cps
Silver	109-1	8895	9270	8695	8953	3.26	cps
Sodium	23-2	267819	271009	268040	268956	0.66	cps
Strontium	86-1	3192	3409	3359	3320	3.42	cps
Strontium	88-1	22309	22401	22727	22479	0.98	cps
Sulfur	34-1	366364	360863	364242	363823	0.76	cps
Terbium	159-1	10050502	10020045	9879713	9983420	0.91	cps
Terbium	159-2	6423633	6398305	6464659	6428866	0.52	cps
Thallium	203-1	9103	9312	9120	9178	1.26	cps
Thallium	205-1	22311	22194	21618	22041	1.68	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:40:27	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	272	222	228	18.42	cps
Tin	118-1	31653	34150	31753	32519	4.35	cps
Titanium	47-1	4559	4476	4543	4526	0.97	cps
Uranium	238-1	29175	29659	28457	29097	2.08	cps
Vanadium	51-2	12138	12882	13203	12741	4.29	cps
Yttrium	89-1	11604138	11314012	11365803	11427984	1.35	cps
Yttrium	89-2	2504199	2542011	2530629	2525613	0.77	cps
Zinc	66-2	1760	1623	1693	1692	4.04	cps
Zirconium	90-1	12381	12723	12439	12514	1.46	cps
Zirconium	91-1	2792	2667	2950	2803	5.07	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148454	146351	143977	146261	1.53	cps
Antimony	121-1	384934	388733	384940	386203	0.57	cps
Arsenic	75-2	16617	16953	16682	16750	1.06	cps
Barium	135-1	466671	471923	461434	466676	1.12	cps
Barium	137-1	816530	823832	814436	818266	0.60	cps
Beryllium	9-1	79345	81456	78669	79823	1.82	cps
Bismuth	209-1	6799534	6913684	6810225	6841148	0.92	cps
Bismuth	209-2	5013492	5004351	5015468	5011104	0.12	cps
Boron	10-1	10237	11355	11738	11110	7.02	cps
Boron	11-1	50393	53988	52392	52258	3.45	cps
Bromine	81-1	7460	7902	7511	7624	3.17	cps
Bromine	81-2	90	30	50	57	53.91	cps
Cadmium	111-1	113057	113336	110028	112141	1.64	cps
Cadmium	106-1	17194	17127	16243	16855	3.15	cps
Cadmium	108-1	8624	8315	8390	8443	1.91	cps
Calcium	43-1	120839	119689	117824	119451	1.27	cps
Calcium	44-1	1905207	1914535	1901715	1907152	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153438	154290	153644	153791	0.29	cps
Cobalt	59-2	247560	249132	246861	247851	0.47	cps
Copper	63-2	1757660	1761911	1760653	1760075	0.12	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	23	33	10	22	52.68	cps
Erbium	164-1	58	58	108	75	38.50	cps
Erbium	164-2	47	67	37	50	30.55	cps
Gadolinium	160-1	50	92	58	67	33.08	cps
Gadolinium	160-2	190	173	130	164	18.83	cps
Holmium	165-1	9893011	10044142	9847850	9928335	1.04	cps
Holmium	165-2	6617712	6433363	6597858	6549644	1.54	cps
Indium	115-1	7254882	7303990	7118826	7225899	1.33	cps
Indium	115-2	2151349	2140901	2137641	2143297	0.33	cps
Iron	56-2	6882602	6753108	6645698	6760469	1.75	cps
Iron	57-2	177834	176411	174141	176129	1.06	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:46:39	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	393452	395960	390494	393302	0.70	cps
Krypton	83-1	560	637	563	587	7.39	cps
Lead	206-1	1829170	1855487	1850206	1844955	0.75	cps
Lead	207-1	1602380	1632733	1619018	1618044	0.94	cps
Lead	208-1	7342785	7474039	7429828	7415550	0.90	cps
Lithium	6-1	2189101	2283706	2216436	2229748	2.18	cps
Magnesium	24-2	1566032	1553655	1542538	1554075	0.76	cps
Manganese	55-2	1079816	1073432	1065916	1073055	0.65	cps
Molybdenum	94-1	769149	764201	773785	769045	0.62	cps
Molybdenum	95-1	930965	928782	930231	929993	0.12	cps
Molybdenum	96-1	1046027	1042609	1042385	1043674	0.20	cps
Molybdenum	97-1	583985	581155	581653	582264	0.26	cps
Molybdenum	98-1	1504953	1512275	1497027	1504752	0.51	cps
Neodymium	150-1	33	47	73	51	39.86	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	64062	64257	63108	63809	0.96	cps
Phosphorus	31-2	7102	7160	7052	7105	0.76	cps
Potassium	39-2	771213	759765	751147	760708	1.32	cps
Rhodium	103-1	6567817	6556533	6420082	6514811	1.26	cps
Rhodium	103-2	3984630	3968546	3967877	3973684	0.24	cps
Scandium	45-1	4307927	4319906	4270415	4299416	0.60	cps
Scandium	45-2	306238	309872	305941	307351	0.71	cps
Selenium	82-1	6795	7114	6837	6915	2.50	cps
Selenium	77-2	517	483	447	482	7.26	cps
Selenium	78-2	1830	1832	1854	1838	0.73	cps
Silicon	28-1	490329	511711	530048	510696	3.89	cps
Silver	107-1	505468	507811	503892	505724	0.39	cps
Silver	109-1	485961	494046	489180	489729	0.83	cps
Sodium	23-2	2634722	2630341	2594868	2619977	0.83	cps
Strontium	86-1	1184230	1190642	1183266	1186046	0.34	cps
Strontium	88-1	10129121	10114633	10124016	10122590	0.07	cps
Sulfur	34-1	401723	396892	405112	401242	1.03	cps
Terbium	159-1	10074893	10162626	9920940	10052820	1.22	cps
Terbium	159-2	6491835	6497718	6431593	6473715	0.57	cps
Thallium	203-1	446151	454342	444883	448459	1.14	cps
Thallium	205-1	1062121	1086975	1075629	1074908	1.16	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:46:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1567963	1603763	1587554	1586427	1.13	cps
Tin	118-1	331035	337338	330302	332892	1.16	cps
Titanium	47-1	252721	251618	251484	251941	0.27	cps
Uranium	238-1	1491976	1529645	1531307	1517643	1.47	cps
Vanadium	51-2	125606	127783	124960	126116	1.17	cps
Yttrium	89-1	11397690	11445145	11374639	11405824	0.32	cps
Yttrium	89-2	2508714	2505117	2491109	2501647	0.37	cps
Zinc	66-2	292852	293752	289942	292182	0.68	cps
Zirconium	90-1	640904	637296	637571	638590	0.31	cps
Zirconium	91-1	145221	143344	143049	143871	0.82	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:49:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354869	351449	344427	350249	1.52	cps
Antimony	121-1	954941	958623	952722	955429	0.31	cps
Arsenic	75-2	41061	39741	39158	39987	2.44	cps
Barium	135-1	1135754	1151441	1142968	1143388	0.69	cps
Barium	137-1	2003501	2025795	2022989	2017428	0.60	cps
Beryllium	9-1	192853	194152	196841	194615	1.05	cps
Bismuth	209-1	6609978	6728584	6857113	6731891	1.84	cps
Bismuth	209-2	4862140	4933335	4884615	4893363	0.74	cps
Boron	10-1	25389	26574	26841	26268	2.94	cps
Boron	11-1	119884	125139	130720	125248	4.33	cps
Bromine	81-1	7194	7586	8102	7627	5.98	cps
Bromine	81-2	80	40	30	50	52.92	cps
Cadmium	111-1	267146	267096	269471	267904	0.51	cps
Cadmium	106-1	34175	33941	34033	34050	0.35	cps
Cadmium	108-1	20294	20302	20644	20413	0.98	cps
Calcium	43-1	284158	284129	288350	285546	0.85	cps
Calcium	44-1	4543258	4546611	4581127	4556999	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	375546	372170	362556	370091	1.82	cps
Cobalt	59-2	598047	590399	582104	590183	1.35	cps
Copper	63-2	4237620	4188391	4124962	4183658	1.35	cps
Dysprosium	156-1	83	58	133	92	41.66	cps
Dysprosium	156-2	67	53	83	68	22.18	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	50	47	47	48	4.02	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	200	197	193	197	1.69	cps
Holmium	165-1	9629693	9783894	9828673	9747420	1.07	cps
Holmium	165-2	6439989	6461140	6378462	6426531	0.67	cps
Indium	115-1	6903742	7005333	6990508	6966528	0.79	cps
Indium	115-2	2079616	2055319	2032321	2055752	1.15	cps
Iron	56-2	16474463	16094087	15897006	16155185	1.82	cps
Iron	57-2	429649	420647	414728	421675	1.78	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:49:45	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	958038	940050	930770	942953	1.47	cps
Krypton	83-1	530	460	520	503	7.52	cps
Lead	206-1	4602010	4634777	4634194	4623660	0.41	cps
Lead	207-1	4025306	4040677	4075334	4047106	0.63	cps
Lead	208-1	18561934	18559921	18732597	18618151	0.53	cps
Lithium	6-1	2166292	2185700	2243849	2198613	1.84	cps
Magnesium	24-2	3797863	3720866	3679255	3732661	1.61	cps
Manganese	55-2	2598920	2564380	2543120	2568806	1.10	cps
Molybdenum	94-1	1862964	1872251	1848772	1861329	0.64	cps
Molybdenum	95-1	2269605	2276300	2240291	2262065	0.85	cps
Molybdenum	96-1	2534968	2539926	2522899	2532598	0.35	cps
Molybdenum	97-1	1407079	1428917	1423144	1419714	0.80	cps
Molybdenum	98-1	3672624	3674110	3655687	3667474	0.28	cps
Neodymium	150-1	187	133	113	144	26.24	cps
Neodymium	150-2	53	47	17	39	50.22	cps
Nickel	60-2	155787	153452	151708	153649	1.33	cps
Phosphorus	31-2	16810	16009	16051	16290	2.77	cps
Potassium	39-2	1801038	1760957	1735201	1765732	1.88	cps
Rhodium	103-1	6266531	6251919	6246443	6254964	0.17	cps
Rhodium	103-2	3831160	3796085	3767405	3798217	0.84	cps
Scandium	45-1	4080095	4092140	4102334	4091523	0.27	cps
Scandium	45-2	297753	290968	290344	293022	1.40	cps
Selenium	82-1	16456	16450	16956	16621	1.75	cps
Selenium	77-2	1320	1223	1250	1265	3.95	cps
Selenium	78-2	3975	4093	4121	4063	1.91	cps
Silicon	28-1	772361	785842	793377	783860	1.36	cps
Silver	107-1	1233262	1236483	1228581	1232776	0.32	cps
Silver	109-1	1180580	1179882	1182887	1181116	0.13	cps
Sodium	23-2	6206968	6053722	5967663	6076118	1.99	cps
Strontium	86-1	2859382	2893494	2901441	2884772	0.77	cps
Strontium	88-1	24350536	24483331	24756436	24530101	0.84	cps
Sulfur	34-1	443194	439894	433107	438731	1.17	cps
Terbium	159-1	9715802	9889954	9934103	9846620	1.17	cps
Terbium	159-2	6370549	6363388	6321443	6351793	0.42	cps
Thallium	203-1	1123116	1126237	1139075	1129476	0.75	cps
Thallium	205-1	2665262	2697036	2719918	2694072	1.02	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3983111	4047999	4087500	4039537	1.30	cps
Tin	118-1	819933	822469	825215	822539	0.32	cps
Titanium	47-1	604709	604433	603698	604280	0.09	cps
Uranium	238-1	3823296	3844522	3915726	3861181	1.25	cps
Vanadium	51-2	307363	303213	298317	302965	1.49	cps
Yttrium	89-1	10872260	11019500	10998519	10963426	0.73	cps
Yttrium	89-2	2426264	2390347	2378095	2398235	1.04	cps
Zinc	66-2	698123	687552	678693	688123	1.41	cps
Zirconium	90-1	1564599	1577553	1555864	1566005	0.70	cps
Zirconium	91-1	353984	354175	347619	351926	1.06	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	660311	658600	652096	657002	0.66	cps
Antimony	121-1	1862229	1863525	1842877	1856211	0.62	cps
Arsenic	75-2	75330	75386	74597	75105	0.59	cps
Barium	135-1	2265707	2234174	2225017	2241632	0.95	cps
Barium	137-1	3977691	3927557	3921482	3942244	0.78	cps
Beryllium	9-1	379135	367622	364174	370310	2.12	cps
Bismuth	209-1	6736462	6773569	6720722	6743584	0.40	cps
Bismuth	209-2	4754176	4761862	4736939	4750992	0.27	cps
Boron	10-1	49180	50753	52910	50948	3.68	cps
Boron	11-1	238888	235128	247358	240458	2.61	cps
Bromine	81-1	7319	6668	6768	6919	5.06	cps
Bromine	81-2	50	40	70	53	28.64	cps
Cadmium	111-1	513150	509625	514422	512399	0.48	cps
Cadmium	106-1	60144	60655	61282	60694	0.94	cps
Cadmium	108-1	38774	38832	39342	38983	0.80	cps
Calcium	43-1	563240	541005	542848	549031	2.25	cps
Calcium	44-1	8166690	7969389	7944977	8027019	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	694410	690346	685503	690087	0.65	cps
Cobalt	59-2	1114978	1110897	1095399	1107091	0.93	cps
Copper	63-2	7853936	7757482	7633081	7748166	1.43	cps
Dysprosium	156-1	192	150	217	186	18.10	cps
Dysprosium	156-2	133	70	127	110	31.64	cps
Erbium	164-1	183	108	83	125	41.63	cps
Erbium	164-2	53	47	60	53	12.50	cps
Gadolinium	160-1	125	150	192	156	21.65	cps
Gadolinium	160-2	190	230	193	204	10.86	cps
Holmium	165-1	9699900	9877951	9690396	9756082	1.08	cps
Holmium	165-2	6292821	6305754	6255891	6284822	0.41	cps
Indium	115-1	6744188	6844420	6802345	6796985	0.74	cps
Indium	115-2	1976865	1951039	1938122	1955342	1.01	cps
Iron	56-2	31035397	30490003	30550472	30691957	0.97	cps
Iron	57-2	800908	801035	787906	796617	0.95	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1796398	1785170	1765263	1782277	0.88	cps
Krypton	83-1	510	560	553	541	5.02	cps
Lead	206-1	9357697	9187372	9337729	9294266	1.00	cps
Lead	207-1	8181848	8079010	8214750	8158536	0.87	cps
Lead	208-1	37399816	36815743	37335565	37183708	0.86	cps
Lithium	6-1	2150025	2133186	2166938	2150050	0.78	cps
Magnesium	24-2	6892487	6829868	6688840	6803732	1.53	cps
Manganese	55-2	4899130	4857525	4789304	4848653	1.14	cps
Molybdenum	94-1	3601350	3599837	3560576	3587254	0.64	cps
Molybdenum	95-1	4369813	4347648	4305937	4341133	0.75	cps
Molybdenum	96-1	4894690	4866235	4835077	4865334	0.61	cps
Molybdenum	97-1	2728624	2724328	2723284	2725412	0.10	cps
Molybdenum	98-1	6902811	6826406	6736953	6822057	1.22	cps
Neodymium	150-1	280	240	247	256	8.39	cps
Neodymium	150-2	60	73	73	69	11.17	cps
Nickel	60-2	286800	283115	285844	285253	0.67	cps
Phosphorus	31-2	30983	31442	29563	30663	3.19	cps
Potassium	39-2	3284239	3299608	3225366	3269738	1.20	cps
Rhodium	103-1	6102609	6177198	6037006	6105604	1.15	cps
Rhodium	103-2	3612730	3573946	3570052	3585576	0.66	cps
Scandium	45-1	3964770	3976515	3879581	3940289	1.34	cps
Scandium	45-2	278426	276521	271138	275362	1.37	cps
Selenium	82-1	31508	31154	31935	31532	1.24	cps
Selenium	77-2	2300	2224	2297	2274	1.91	cps
Selenium	78-2	7559	7659	7704	7641	0.97	cps
Silicon	28-1	1291695	1299214	1316931	1302613	0.99	cps
Silver	107-1	2376869	2333358	2342437	2350888	0.98	cps
Silver	109-1	2285946	2240472	2270939	2265786	1.02	cps
Sodium	23-2	11525843	11415225	11283082	11408050	1.07	cps
Strontium	86-1	5579014	5507547	5549526	5545362	0.65	cps
Strontium	88-1	47417916	47021415	46804199	47081176	0.66	cps
Sulfur	34-1	508959	503287	503931	505392	0.61	cps
Terbium	159-1	9864170	9863990	9676163	9801441	1.11	cps
Terbium	159-2	6150177	6150017	6137324	6145839	0.12	cps
Thallium	203-1	2209285	2213512	2201435	2208078	0.28	cps
Thallium	205-1	5324436	5311853	5324032	5320107	0.13	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 12:52:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8199107	8068796	8251653	8173185	1.15	cps
Tin	118-1	1599426	1599801	1592635	1597287	0.25	cps
Titanium	47-1	1148404	1157276	1134345	1146675	1.01	cps
Uranium	238-1	7875493	7678947	7812165	7788868	1.29	cps
Vanadium	51-2	574000	571866	561699	569189	1.15	cps
Yttrium	89-1	10684917	10819800	10671387	10725368	0.77	cps
Yttrium	89-2	2313127	2279298	2258472	2283632	1.21	cps
Zinc	66-2	1313424	1306433	1277396	1299084	1.47	cps
Zirconium	90-1	3015511	2995236	2998304	3003017	0.36	cps
Zirconium	91-1	672303	669742	668669	670238	0.28	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1228779	1209143	1226261	1221394	0.87	cps
Antimony	121-1	3511619	3549070	3542842	3534510	0.57	cps
Arsenic	75-2	141957	140287	141280	141175	0.60	cps
Barium	135-1	4242040	4270806	4280664	4264503	0.47	cps
Barium	137-1	7221273	7337840	7294529	7284547	0.81	cps
Beryllium	9-1	669963	673695	680605	674754	0.80	cps
Bismuth	209-1	6456244	6411979	6761368	6543197	2.91	cps
Bismuth	209-2	4672573	4549685	4620753	4614337	1.34	cps
Boron	10-1	90370	91995	98169	93511	4.40	cps
Boron	11-1	417616	442129	459149	439631	4.75	cps
Bromine	81-1	6068	6210	6718	6332	5.40	cps
Bromine	81-2	20	80	50	50	60.00	cps
Cadmium	111-1	956435	962059	960422	959638	0.30	cps
Cadmium	106-1	108572	110561	113326	110820	2.15	cps
Cadmium	108-1	72843	74129	73723	73565	0.89	cps
Calcium	43-1	1005849	1001246	1013872	1006989	0.63	cps
Calcium	44-1	14630209	14624900	14874245	14709785	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1295458	1280801	1288582	1288280	0.57	cps
Cobalt	59-2	2066361	2044290	2058160	2056270	0.54	cps
Copper	63-2	14629190	14262084	14368423	14419899	1.31	cps
Dysprosium	156-1	300	367	308	325	11.18	cps
Dysprosium	156-2	280	227	227	244	12.60	cps
Erbium	164-1	150	167	192	169	12.37	cps
Erbium	164-2	110	90	97	99	10.30	cps
Gadolinium	160-1	317	283	292	297	5.84	cps
Gadolinium	160-2	247	210	280	246	14.26	cps
Holmium	165-1	9578079	9406069	9470357	9484835	0.92	cps
Holmium	165-2	6231656	6069788	6129124	6143523	1.33	cps
Indium	115-1	6540650	6374241	6574251	6496381	1.65	cps
Indium	115-2	1899310	1843002	1859396	1867236	1.55	cps
Iron	56-2	58011993	56863382	57354350	57409908	1.00	cps
Iron	57-2	1501481	1474448	1493680	1489870	0.93	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3334543	3294754	3334363	3321220	0.69	cps
Krypton	83-1	463	467	577	502	12.84	cps
Lead	206-1	17763858	17885605	18253884	17967783	1.42	cps
Lead	207-1	15784439	15813652	16103987	15900693	1.11	cps
Lead	208-1	71654962	71763153	73287668	72235261	1.26	cps
Lithium	6-1	1982255	1959792	2038351	1993466	2.03	cps
Magnesium	24-2	12737606	12458361	12502615	12566194	1.19	cps
Manganese	55-2	8970825	8846746	8915247	8910939	0.70	cps
Molybdenum	94-1	6597626	6588513	6583550	6589896	0.11	cps
Molybdenum	95-1	7914791	7873524	7888097	7892137	0.27	cps
Molybdenum	96-1	8849652	8891579	8964007	8901746	0.65	cps
Molybdenum	97-1	5108718	5113875	5151574	5124722	0.46	cps
Molybdenum	98-1	12620966	12911471	12855519	12795985	1.20	cps
Neodymium	150-1	567	513	500	527	6.70	cps
Neodymium	150-2	137	130	117	128	7.97	cps
Nickel	60-2	527888	521818	521721	523809	0.67	cps
Phosphorus	31-2	57477	56800	57428	57235	0.66	cps
Potassium	39-2	5636859	5556729	5508634	5567407	1.16	cps
Rhodium	103-1	5704558	5664827	5729365	5699583	0.57	cps
Rhodium	103-2	3479536	3365261	3408426	3417741	1.69	cps
Scandium	45-1	3657104	3621039	3709303	3662482	1.21	cps
Scandium	45-2	266864	255170	263842	261959	2.32	cps
Selenium	82-1	58463	59192	59332	58996	0.79	cps
Selenium	77-2	4111	4124	4101	4112	0.28	cps
Selenium	78-2	14172	13901	14053	14042	0.97	cps
Silicon	28-1	2285499	2430361	2541457	2419106	5.31	cps
Silver	107-1	4341934	4385116	4400997	4376016	0.70	cps
Silver	109-1	4177803	4226352	4221115	4208423	0.63	cps
Sodium	23-2	21475219	21121805	21120674	21239233	0.96	cps
Strontium	86-1	10247443	10156001	10286895	10230113	0.66	cps
Strontium	88-1	88140848	88848908	89389712	88793156	0.71	cps
Sulfur	34-1	622757	628070	631806	627544	0.72	cps
Terbium	159-1	9680408	9478160	9670478	9609682	1.19	cps
Terbium	159-2	6050354	5931511	6032011	6004625	1.07	cps
Thallium	203-1	4306509	4351708	4324122	4327446	0.53	cps
Thallium	205-1	10238845	10157551	10321966	10239454	0.80	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15970461	16285621	16521824	16259302	1.70	cps
Tin	118-1	3027673	3069879	3037584	3045045	0.72	cps
Titanium	47-1	2111763	2106929	2141979	2120224	0.90	cps
Uranium	238-1	15145131	15291520	15589320	15341990	1.48	cps
Vanadium	51-2	1079425	1059516	1070051	1069664	0.93	cps
Yttrium	89-1	10164688	10049400	10251496	10155195	1.00	cps
Yttrium	89-2	2234683	2149084	2189086	2190951	1.95	cps
Zinc	66-2	2440131	2400647	2409401	2416726	0.86	cps
Zirconium	90-1	5603149	5535609	5539682	5559480	0.68	cps
Zirconium	91-1	1277989	1273318	1272393	1274567	0.24	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2327438	2329815	2325625	2327626	0.09	cps
Antimony	121-1	6762647	6699206	6925391	6795748	1.72	cps
Arsenic	75-2	267956	270432	262706	267031	1.48	cps
Barium	135-1	8230873	8150235	8230085	8203731	0.56	cps
Barium	137-1	14499138	14349780	14300604	14383174	0.72	cps
Beryllium	9-1	1277856	1280240	1230601	1262899	2.22	cps
Bismuth	209-1	6334092	6353575	6284379	6324016	0.56	cps
Bismuth	209-2	4427694	4415832	4431551	4425025	0.19	cps
Boron	10-1	175404	183794	168404	175867	4.38	cps
Boron	11-1	835335	861417	809973	835575	3.08	cps
Bromine	81-1	6085	6252	5401	5912	7.62	cps
Bromine	81-2	60	20	40	40	50.00	cps
Cadmium	111-1	1838903	1847319	1816032	1834085	0.88	cps
Cadmium	106-1	210931	207497	203780	207403	1.72	cps
Cadmium	108-1	142278	142248	140326	141617	0.79	cps
Calcium	43-1	1917956	1933139	1917442	1922846	0.46	cps
Calcium	44-1	28163211	28214482	28242832	28206842	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2455276	2460093	2422741	2446037	0.83	cps
Cobalt	59-2	3880020	3898930	3847297	3875416	0.67	cps
Copper	63-2	27047118	26705678	26871397	26874731	0.64	cps
Dysprosium	156-1	500	450	533	494	8.48	cps
Dysprosium	156-2	337	347	387	357	7.42	cps
Erbium	164-1	133	158	142	144	8.81	cps
Erbium	164-2	97	123	107	109	12.37	cps
Gadolinium	160-1	408	467	392	422	9.33	cps
Gadolinium	160-2	367	407	343	372	8.61	cps
Holmium	165-1	9362019	9412747	9342582	9372449	0.39	cps
Holmium	165-2	6040439	5965472	5983992	5996634	0.65	cps
Indium	115-1	6171962	6231145	6204487	6202531	0.48	cps
Indium	115-2	1759969	1767774	1750954	1759566	0.48	cps
Iron	56-2	109825041	109263380	109442741	109510388	0.26	cps
Iron	57-2	2825535	2854042	2809355	2829644	0.80	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6012730	6026629	5942255	5993871	0.75	cps
Krypton	83-1	453	483	473	470	3.25	cps
Lead	206-1	36061694	35720317	35467158	35749723	0.83	cps
Lead	207-1	31896100	31734556	31296628	31642428	0.98	cps
Lead	208-1	144851301	143416983	142132457	143466914	0.95	cps
Lithium	6-1	1891718	1886601	1751629	1843316	4.31	cps
Magnesium	24-2	24221207	24042747	23946603	24070186	0.58	cps
Manganese	55-2	16963581	16906037	16895126	16921582	0.22	cps
Molybdenum	94-1	12846206	12655713	13011715	12837878	1.39	cps
Molybdenum	95-1	15563521	15259235	15636433	15486396	1.29	cps
Molybdenum	96-1	17204721	17149588	17488420	17280910	1.05	cps
Molybdenum	97-1	9681061	9618347	9808170	9702526	1.00	cps
Molybdenum	98-1	25029196	24885070	25257713	25057326	0.75	cps
Neodymium	150-1	800	700	900	800	12.50	cps
Neodymium	150-2	130	147	147	141	6.82	cps
Nickel	60-2	982944	984202	972730	979959	0.64	cps
Phosphorus	31-2	107803	106402	107527	107244	0.69	cps
Potassium	39-2	10656199	10519552	10487610	10554453	0.85	cps
Rhodium	103-1	5356646	5376045	5369258	5367317	0.18	cps
Rhodium	103-2	3222298	3231394	3215992	3223228	0.24	cps
Scandium	45-1	3462519	3477703	3468691	3469638	0.22	cps
Scandium	45-2	250085	250743	246883	249237	0.83	cps
Selenium	82-1	112382	112180	108841	111134	1.79	cps
Selenium	77-2	8176	7755	8026	7986	2.67	cps
Selenium	78-2	26602	26836	26819	26752	0.49	cps
Silicon	28-1	3802964	3831112	3775211	3803096	0.73	cps
Silver	107-1	8243688	8258550	8206759	8236332	0.32	cps
Silver	109-1	7993444	7909808	7820987	7908080	1.09	cps
Sodium	23-2	40719249	41263873	40794501	40925874	0.72	cps
Strontium	86-1	20012595	20198222	20103327	20104715	0.46	cps
Strontium	88-1	173907450	172812391	174828204	173849348	0.58	cps
Sulfur	34-1	918116	912172	886021	905437	1.89	cps
Terbium	159-1	9401663	9419735	9514837	9445412	0.64	cps
Terbium	159-2	5846169	5836302	5828972	5837148	0.15	cps
Thallium	203-1	8696900	8618741	8503460	8606367	1.13	cps
Thallium	205-1	20467592	20564134	20135473	20389066	1.10	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	32929996	32652942	32391397	32658112	0.82	cps
Tin	118-1	5930214	5912585	5927540	5923446	0.16	cps
Titanium	47-1	4119117	4107868	4098257	4108414	0.25	cps
Uranium	238-1	31302089	30628494	30735159	30888581	1.17	cps
Vanadium	51-2	2033413	2057755	2006628	2032599	1.26	cps
Yttrium	89-1	9881848	9868432	9832013	9860764	0.26	cps
Yttrium	89-2	2109862	2115392	2085596	2103617	0.75	cps
Zinc	66-2	4508411	4567445	4499843	4525233	0.81	cps
Zirconium	90-1	10707779	10786948	10798835	10764520	0.46	cps
Zirconium	91-1	2479904	2465289	2491043	2478746	0.52	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10995770	11292275	11111848	11133297	1.34	cps
Antimony	121-1	2459	2509	2250	2406	5.70	cps
Arsenic	75-2	83	78	113	91	20.70	cps
Barium	135-1	2792	2784	2642	2739	3.08	cps
Barium	137-1	5176	5251	4926	5118	3.33	cps
Beryllium	9-1	111	83	122	106	18.98	cps
Bismuth	209-1	5721354	5725050	5677458	5707954	0.46	cps
Bismuth	209-2	3964349	4032822	4054481	4017217	1.17	cps
Boron	10-1	1959	2109	2217	2095	6.19	cps
Boron	11-1	10762	10079	9637	10159	5.58	cps
Bromine	81-1	6377	5726	6051	6051	5.37	cps
Bromine	81-2	100	40	40	60	57.74	cps
Cadmium	111-1	2990	2972	3014	2992	0.71	cps
Cadmium	106-1	3742	3751	3767	3753	0.34	cps
Cadmium	108-1	67	71	75	71	5.88	cps
Calcium	43-1	8635287	8338263	8403357	8458969	1.85	cps
Calcium	44-1	136150132	132756632	133211911	134039559	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7422	7595	7929	7649	3.37	cps
Cobalt	59-2	9363	9643	9647	9551	1.70	cps
Copper	63-2	5084	5348	5284	5239	2.62	cps
Dysprosium	156-1	1450	1342	1208	1333	9.08	cps
Dysprosium	156-2	847	843	887	859	2.81	cps
Erbium	164-1	258	275	267	267	3.13	cps
Erbium	164-2	157	157	150	154	2.49	cps
Gadolinium	160-1	1408	1533	1275	1406	9.19	cps
Gadolinium	160-2	990	1110	1187	1096	9.05	cps
Holmium	165-1	9044043	9143067	8963104	9050071	1.00	cps
Holmium	165-2	5822836	5811992	5879238	5838022	0.62	cps
Indium	115-1	6011237	5948465	5907840	5955847	0.87	cps
Indium	115-2	1698218	1742949	1755678	1732282	1.74	cps
Iron	56-2	511041156	518678078	523673956	517797730	1.23	cps
Iron	57-2	12791019	13198718	13230160	13073299	1.87	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:10:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27638578	27926300	28355858	27973579	1.29	cps
Krypton	83-1	357	497	460	438	16.58	cps
Lead	206-1	8831	9020	9453	9101	3.51	cps
Lead	207-1	7891	8286	8280	8153	2.78	cps
Lead	208-1	35458	36837	36954	36416	2.28	cps
Lithium	6-1	1837842	1798403	1852817	1829687	1.54	cps
Magnesium	24-2	120838057	123371790	121918069	122042639	1.04	cps
Manganese	55-2	16503	17127	16850	16826	1.86	cps
Molybdenum	94-1	2250	2450	2542	2414	6.18	cps
Molybdenum	95-1	2892	2725	2950	2856	4.09	cps
Molybdenum	96-1	4234	4451	4126	4270	3.88	cps
Molybdenum	97-1	1875	1775	1617	1756	7.42	cps
Molybdenum	98-1	4384	4918	4459	4587	6.30	cps
Neodymium	150-1	60	33	20	38	53.92	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	3504	3657	3510	3557	2.44	cps
Phosphorus	31-2	167	225	158	183	19.81	cps
Potassium	39-2	51930181	53482293	52998007	52803494	1.50	cps
Rhodium	103-1	4963317	4918512	4886323	4922718	0.79	cps
Rhodium	103-2	2947841	3024166	3034201	3002070	1.57	cps
Scandium	45-1	3436753	3386358	3367826	3396979	1.05	cps
Scandium	45-2	246049	252720	254114	250961	1.72	cps
Selenium	82-1	145	-8	-25	37	251.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	74	72	71	5.43	cps
Silicon	28-1	273368	305336	324299	301001	8.55	cps
Silver	107-1	1350	1492	1633	1492	9.50	cps
Silver	109-1	1250	1317	1400	1322	5.68	cps
Sodium	23-2	200251142	205739155	204880988	203623761	1.45	cps
Strontium	86-1	7777	7902	7861	7847	0.81	cps
Strontium	88-1	64763	61884	61373	62673	2.92	cps
Sulfur	34-1	299847	289752	283280	290960	2.87	cps
Terbium	159-1	9185020	9028798	9027339	9080386	1.00	cps
Terbium	159-2	5623702	5667033	5704681	5665138	0.72	cps
Thallium	203-1	667	633	700	667	5.00	cps
Thallium	205-1	1784	1483	1467	1578	11.30	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:10:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	778	772	761	770	1.10	cps
Tin	118-1	1859	1700	1950	1836	6.89	cps
Titanium	47-1	450	525	633	536	17.19	cps
Uranium	238-1	2175	2309	2217	2234	3.05	cps
Vanadium	51-2	357	373	373	368	2.62	cps
Yttrium	89-1	9678253	9429028	9322950	9476744	1.92	cps
Yttrium	89-2	2059985	2124815	2117469	2100756	1.69	cps
Zinc	66-2	8309	8279	8419	8336	0.88	cps
Zirconium	90-1	2650	2742	2359	2584	7.75	cps
Zirconium	91-1	617	608	467	564	14.95	cps

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : ICV04 Instrumnet Name : P7
 Client Sample ID : ICV04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:19:07 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72693	73580	72082	72785	1.04	cps
Antimony	121-1	1453959	1473170	1472863	1466664	0.75	cps
Arsenic	75-2	63748	64730	63871	64116	0.83	cps
Barium	135-1	183176	179385	183790	182117	1.31	cps
Barium	137-1	315063	320552	316095	317237	0.92	cps
Beryllium	9-1	152815	149752	149124	150564	1.31	cps
Bismuth	209-1	6728116	7204076	6643631	6858608	4.41	cps
Bismuth	209-2	4983522	4963265	4903269	4950019	0.84	cps
Boron	10-1	1592	1317	1383	1431	10.03	cps
Boron	11-1	6552	6193	6135	6293	3.59	cps
Bromine	81-1	7302	7527	6935	7255	4.12	cps
Bromine	81-2	70	30	30	43	53.29	cps
Cadmium	111-1	209323	207767	207153	208081	0.54	cps
Cadmium	106-1	23612	23420	22260	23097	3.17	cps
Cadmium	108-1	13832	13386	13865	13694	1.96	cps
Calcium	43-1	42679	42035	41743	42152	1.14	cps
Calcium	44-1	693902	687617	689011	690177	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293083	296930	292974	294329	0.77	cps
Cobalt	59-2	470995	476837	469846	472559	0.79	cps
Copper	63-2	330755	333729	333540	332675	0.50	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	13	3	20	12	68.66	cps
Erbium	164-1	50	125	67	81	48.89	cps
Erbium	164-2	37	33	43	38	13.48	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	117	127	163	136	18.13	cps
Holmium	165-1	9682460	10303590	9510130	9832060	4.24	cps
Holmium	165-2	6470662	6514415	6393303	6459460	0.95	cps
Indium	115-1	7080711	7426404	6839819	7115645	4.14	cps
Indium	115-2	2100290	2115989	2079942	2098740	0.86	cps
Iron	56-2	5282634	5306825	5275185	5288215	0.31	cps
Iron	57-2	130445	132042	129801	130763	0.88	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:19:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	297746	304014	299691	300484	1.07	cps
Krypton	83-1	553	473	577	534	10.14	cps
Lead	206-1	1611089	1612824	1625203	1616372	0.48	cps
Lead	207-1	1358806	1360983	1368993	1362927	0.39	cps
Lead	208-1	6357650	6320342	6359222	6345738	0.35	cps
Lithium	6-1	2210073	2240966	2088810	2179950	3.69	cps
Magnesium	24-2	340168	339877	337363	339136	0.45	cps
Manganese	55-2	200777	202834	200635	201415	0.61	cps
Molybdenum	94-1	558	642	625	608	7.25	cps
Molybdenum	95-1	400	292	417	369	18.37	cps
Molybdenum	96-1	533	533	542	536	0.90	cps
Molybdenum	97-1	200	267	208	225	16.14	cps
Molybdenum	98-1	717	792	558	689	17.29	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	122415	124456	123467	123446	0.83	cps
Phosphorus	31-2	233	283	200	239	17.56	cps
Potassium	39-2	562099	568871	562339	564436	0.68	cps
Rhodium	103-1	6312374	6595169	6258162	6388568	2.83	cps
Rhodium	103-2	3895206	3919738	3853694	3889546	0.86	cps
Scandium	45-1	4042437	4270585	4003843	4105622	3.51	cps
Scandium	45-2	297410	305205	295515	299376	1.72	cps
Selenium	82-1	26266	26729	25855	26283	1.66	cps
Selenium	77-2	1937	1950	2003	1963	1.80	cps
Selenium	78-2	6792	6655	6568	6672	1.69	cps
Silicon	28-1	190531	194422	193779	192911	1.08	cps
Silver	107-1	469738	464100	467497	467111	0.61	cps
Silver	109-1	451260	449698	456260	452406	0.76	cps
Sodium	23-2	993065	1003952	998952	998656	0.55	cps
Strontium	86-1	1567	1383	1508	1486	6.30	cps
Strontium	88-1	6010	5776	5843	5876	2.05	cps
Sulfur	34-1	348535	347362	344880	346926	0.54	cps
Terbium	159-1	9818888	10439411	9774093	10010797	3.71	cps
Terbium	159-2	6374269	6384673	6337402	6365448	0.39	cps
Thallium	203-1	1925520	1917131	1914960	1919204	0.29	cps
Thallium	205-1	4600031	4578503	4602038	4593524	0.28	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICV04	Instrumnet Name :	P7
Client Sample ID :	ICV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:19:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	417	344	383	381	9.48	cps
Tin	118-1	31761	32447	31778	31995	1.22	cps
Titanium	47-1	67	125	125	106	31.90	cps
Uranium	238-1	183	158	117	153	22.04	cps
Vanadium	51-2	239002	241546	235547	238698	1.26	cps
Yttrium	89-1	10925160	11764159	10825522	11171614	4.62	cps
Yttrium	89-2	2432857	2458658	2408022	2433179	1.04	cps
Zinc	66-2	112519	111182	110672	111458	0.86	cps
Zirconium	90-1	725	967	925	872	14.81	cps
Zirconium	91-1	417	483	425	442	8.22	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2892	2884	2842	2873	0.93	cps
Antimony	121-1	15275	14766	15467	15170	2.39	cps
Arsenic	75-2	341	291	326	319	8.05	cps
Barium	135-1	17637	18196	18104	17979	1.67	cps
Barium	137-1	31578	31144	30952	31225	1.03	cps
Beryllium	9-1	1406	1711	1661	1593	10.29	cps
Bismuth	209-1	7889138	6768802	6670540	7109493	9.52	cps
Bismuth	209-2	4970543	4764414	4819491	4851483	2.20	cps
Boron	10-1	5043	5568	5601	5404	5.80	cps
Boron	11-1	24028	27392	26231	25884	6.60	cps
Bromine	81-1	7794	8094	7511	7800	3.74	cps
Bromine	81-2	30	70	50	50	40.00	cps
Cadmium	111-1	5506	5122	5007	5212	5.01	cps
Cadmium	106-1	5009	4468	4551	4676	6.24	cps
Cadmium	108-1	192	233	208	211	9.93	cps
Calcium	43-1	10412	10888	10896	10732	2.58	cps
Calcium	44-1	173708	178413	177520	176547	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6838	6548	6448	6612	3.06	cps
Cobalt	59-2	4664	4771	4581	4672	2.04	cps
Copper	63-2	6645	7122	6728	6832	3.73	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	92	117	83	97	17.84	cps
Erbium	164-2	37	37	23	32	23.90	cps
Gadolinium	160-1	33	33	25	31	15.74	cps
Gadolinium	160-2	153	117	167	146	17.79	cps
Holmium	165-1	11380547	9683394	9531051	10198331	10.07	cps
Holmium	165-2	6490128	6403477	6229834	6374480	2.08	cps
Indium	115-1	8219002	7007593	6945716	7390770	9.71	cps
Indium	115-2	2094518	2080876	2043013	2072802	1.29	cps
Iron	56-2	142528	141843	140345	141572	0.79	cps
Iron	57-2	3856	3478	3417	3584	6.63	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9222	8020	8010	8418	8.28	cps
Krypton	83-1	500	543	533	526	4.32	cps
Lead	206-1	8714	8564	8959	8746	2.28	cps
Lead	207-1	7975	7730	7647	7784	2.19	cps
Lead	208-1	34729	35013	35586	35109	1.24	cps
Lithium	6-1	2427186	2155745	2165059	2249330	6.85	cps
Magnesium	24-2	144994	144717	141915	143875	1.18	cps
Manganese	55-2	2320	2194	2054	2189	6.09	cps
Molybdenum	94-1	14316	14549	14558	14474	0.95	cps
Molybdenum	95-1	17111	17795	17745	17550	2.17	cps
Molybdenum	96-1	19138	19655	19864	19553	1.91	cps
Molybdenum	97-1	10788	11163	11355	11102	2.60	cps
Molybdenum	98-1	29180	29013	29231	29141	0.39	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1287	1360	1310	1319	2.84	cps
Phosphorus	31-2	192	167	175	178	7.16	cps
Potassium	39-2	165057	163422	164333	164271	0.50	cps
Rhodium	103-1	7399545	6348849	6316339	6688244	9.21	cps
Rhodium	103-2	3872763	3851349	3771948	3832020	1.39	cps
Scandium	45-1	4682660	4110592	4057360	4283537	8.09	cps
Scandium	45-2	300604	296097	289393	295365	1.91	cps
Selenium	82-1	679	610	625	638	5.71	cps
Selenium	77-2	37	90	30	52	62.97	cps
Selenium	78-2	233	222	228	228	2.44	cps
Silicon	28-1	213705	213446	214411	213854	0.23	cps
Silver	107-1	9011	9103	9253	9123	1.34	cps
Silver	109-1	9120	8595	8128	8614	5.76	cps
Sodium	23-2	265732	260705	257999	261479	1.50	cps
Strontium	86-1	3109	3384	3342	3278	4.52	cps
Strontium	88-1	21041	21308	22293	21547	3.06	cps
Sulfur	34-1	342875	346907	348480	346087	0.84	cps
Terbium	159-1	11549271	10009435	9687862	10415523	9.55	cps
Terbium	159-2	6369870	6286837	6216563	6291090	1.22	cps
Thallium	203-1	8361	8353	8086	8267	1.89	cps
Thallium	205-1	20942	20808	20725	20825	0.53	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:33:54	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	156	189	194	21.57	cps
Tin	118-1	31252	31294	31310	31285	0.10	cps
Titanium	47-1	4417	4709	4526	4551	3.24	cps
Uranium	238-1	27563	29801	29476	28947	4.18	cps
Vanadium	51-2	11895	12158	11948	12001	1.16	cps
Yttrium	89-1	13117306	11007616	11005187	11710036	10.41	cps
Yttrium	89-2	2440117	2432440	2363377	2411978	1.75	cps
Zinc	66-2	1600	1627	1667	1631	2.06	cps
Zirconium	90-1	11380	11889	11855	11708	2.43	cps
Zirconium	91-1	2475	2792	2642	2636	6.01	cps

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : ICB04 Instrumnet Name : P7
 Client Sample ID : ICB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:37:01 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	108	94	13.48	cps
Antimony	121-1	217	258	217	231	10.43	cps
Arsenic	75-2	9	4	6	6	45.85	cps
Barium	135-1	8	8	17	11	43.34	cps
Barium	137-1	17	58	25	33	66.13	cps
Beryllium	9-1	94	44	106	81	39.95	cps
Bismuth	209-1	6814156	6921818	6842360	6859445	0.81	cps
Bismuth	209-2	4860918	4931160	4917496	4903191	0.76	cps
Boron	10-1	975	767	750	831	15.10	cps
Boron	11-1	4192	4259	4376	4276	2.17	cps
Bromine	81-1	7235	7994	8153	7794	6.29	cps
Bromine	81-2	30	40	10	27	57.28	cps
Cadmium	111-1	3274	3333	3074	3227	4.20	cps
Cadmium	106-1	4634	4751	4392	4593	3.98	cps
Cadmium	108-1	17	38	25	26	39.73	cps
Calcium	43-1	167	150	142	153	8.33	cps
Calcium	44-1	4609	4809	4442	4620	3.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663	767	737	722	7.36	cps
Cobalt	59-2	37	33	50	40	22.05	cps
Copper	63-2	753	683	800	746	7.88	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	58	58	67	61	7.88	cps
Erbium	164-2	47	37	30	38	22.21	cps
Gadolinium	160-1	58	33	8	33	75.02	cps
Gadolinium	160-2	147	157	107	137	19.36	cps
Holmium	165-1	9667414	9998009	9820133	9828519	1.68	cps
Holmium	165-2	6351027	6449700	6424715	6408480	0.80	cps
Indium	115-1	7109224	7192280	7162209	7154571	0.59	cps
Indium	115-2	2068428	2098848	2081332	2082869	0.73	cps
Iron	56-2	4551	4273	4445	4423	3.17	cps
Iron	57-2	122	178	100	133	30.05	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:37:01	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	871	731	831	811	8.90	cps
Krypton	83-1	577	523	590	563	6.26	cps
Lead	206-1	1811	1672	1750	1745	3.99	cps
Lead	207-1	1417	1517	1456	1463	3.45	cps
Lead	208-1	6801	6712	7001	6838	2.16	cps
Lithium	6-1	2152987	2242330	2234594	2209970	2.24	cps
Magnesium	24-2	417	350	408	392	9.27	cps
Manganese	55-2	80	57	83	73	19.81	cps
Molybdenum	94-1	117	175	242	178	35.18	cps
Molybdenum	95-1	25	33	17	25	33.32	cps
Molybdenum	96-1	58	33	92	61	47.89	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Molybdenum	98-1	83	42	75	67	33.07	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	177	190	200	189	6.20	cps
Phosphorus	31-2	258	258	233	250	5.77	cps
Potassium	39-2	33087	33772	32528	33129	1.88	cps
Rhodium	103-1	6473493	6357686	6375696	6402292	0.97	cps
Rhodium	103-2	3834343	3890496	3880403	3868414	0.77	cps
Scandium	45-1	4140279	4186489	4130691	4152487	0.72	cps
Scandium	45-2	295300	299197	299153	297883	0.75	cps
Selenium	82-1	-21	24	-17	-5	-504.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	78	81	78	3.60	cps
Silicon	28-1	180308	178843	175964	178372	1.24	cps
Silver	107-1	108	142	150	133	16.54	cps
Silver	109-1	67	58	33	53	32.87	cps
Sodium	23-2	15367	16267	15191	15608	3.70	cps
Strontium	86-1	1058	933	892	961	9.02	cps
Strontium	88-1	225	142	175	181	23.23	cps
Sulfur	34-1	353187	349989	346124	349767	1.01	cps
Terbium	159-1	9781071	10185358	10074292	10013574	2.09	cps
Terbium	159-2	6279308	6331414	6325299	6312007	0.45	cps
Thallium	203-1	225	250	142	206	27.60	cps
Thallium	205-1	458	467	392	439	9.37	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICB04	Instrumnet Name :	P7
Client Sample ID :	ICB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:37:01	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	222	211	189	207	8.18	cps
Tin	118-1	792	775	808	792	2.11	cps
Titanium	47-1	33	25	67	42	52.92	cps
Uranium	238-1	25	17	33	25	33.32	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	10955905	11321608	11027178	11101564	1.75	cps
Yttrium	89-2	2408792	2447573	2430013	2428793	0.80	cps
Zinc	66-2	510	487	547	514	5.88	cps
Zirconium	90-1	542	600	492	544	9.96	cps
Zirconium	91-1	142	33	58	78	72.94	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:40:09	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11196328	11209538	11033457	11146441	0.88	cps
Antimony	121-1	7627	7877	8128	7877	3.18	cps
Arsenic	75-2	76	81	81	80	4.02	cps
Barium	135-1	2367	2534	2650	2517	5.66	cps
Barium	137-1	4017	4167	4267	4151	3.03	cps
Beryllium	9-1	433	506	411	450	10.97	cps
Bismuth	209-1	6296043	6458763	6398752	6384519	1.29	cps
Bismuth	209-2	4490564	4612792	4522675	4542010	1.40	cps
Boron	10-1	850	783	825	819	4.11	cps
Boron	11-1	4217	3576	3684	3826	8.98	cps
Bromine	81-1	6402	6677	7335	6805	7.05	cps
Bromine	81-2	150	90	110	117	26.19	cps
Cadmium	111-1	3795	4095	3850	3913	4.08	cps
Cadmium	106-1	4059	4126	3842	4009	3.70	cps
Cadmium	108-1	2388	2246	2367	2334	3.28	cps
Calcium	43-1	1901905	1890930	1914092	1902309	0.61	cps
Calcium	44-1	28162466	28334743	28397656	28298288	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51660	51392	51891	51648	0.48	cps
Cobalt	59-2	4878	5194	5124	5065	3.28	cps
Copper	63-2	22227	22381	22708	22438	1.09	cps
Dysprosium	156-1	75	42	17	44	65.84	cps
Dysprosium	156-2	23	30	30	28	13.86	cps
Erbium	164-1	150	58	92	100	46.40	cps
Erbium	164-2	73	53	47	58	24.02	cps
Gadolinium	160-1	75	100	58	78	26.97	cps
Gadolinium	160-2	133	167	150	150	11.11	cps
Holmium	165-1	9462606	9667702	9674354	9601554	1.25	cps
Holmium	165-2	6201656	6312647	6240607	6251637	0.90	cps
Indium	115-1	6399610	6524514	6485255	6469793	0.99	cps
Indium	115-2	1876064	1906908	1898130	1893701	0.84	cps
Iron	56-2	227411455	227316900	223488205	226072187	0.99	cps
Iron	57-2	5663639	5685326	5567917	5638961	1.11	cps

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : ICSA04 Instrumnet Name : P7
 Client Sample ID : ICSA04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:40:09 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12138588	12305976	12050614	12165060	1.07	cps
Krypton	83-1	467	510	433	470	8.18	cps
Lead	206-1	34083	34266	34634	34328	0.82	cps
Lead	207-1	27484	26705	27161	27117	1.44	cps
Lead	208-1	128919	127380	128847	128382	0.68	cps
Lithium	6-1	1958333	1936921	1945376	1946877	0.55	cps
Magnesium	24-2	23881332	23974260	23885023	23913538	0.22	cps
Manganese	55-2	14030	13873	13760	13888	0.98	cps
Molybdenum	94-1	3575067	3580099	3615964	3590377	0.62	cps
Molybdenum	95-1	6150334	6130586	6199293	6160071	0.57	cps
Molybdenum	96-1	6654797	6603552	6666470	6641606	0.50	cps
Molybdenum	97-1	3950861	3986854	3977218	3971645	0.47	cps
Molybdenum	98-1	9933738	9944097	9972987	9950274	0.20	cps
Neodymium	150-1	80	33	53	56	42.15	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	5671	5805	5718	5731	1.18	cps
Phosphorus	31-2	561230	569505	558492	563075	1.02	cps
Potassium	39-2	21747102	21672292	21383327	21600907	0.89	cps
Rhodium	103-1	5520468	5608797	5544618	5557961	0.82	cps
Rhodium	103-2	3374337	3434084	3403189	3403870	0.88	cps
Scandium	45-1	3631654	3676587	3667568	3658603	0.65	cps
Scandium	45-2	265581	268257	265501	266446	0.59	cps
Selenium	82-1	56	-21	96	44	136.81	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	89	80	72	80	10.41	cps
Silicon	28-1	233918	235440	237610	235656	0.79	cps
Silver	107-1	233	250	350	278	22.72	cps
Silver	109-1	250	300	283	278	9.17	cps
Sodium	23-2	42872373	42879515	42202616	42651501	0.91	cps
Strontium	86-1	72541	72131	72842	72504	0.49	cps
Strontium	88-1	623365	630041	631890	628432	0.71	cps
Sulfur	34-1	3475500	3496052	3498143	3489898	0.36	cps
Terbium	159-1	9555491	9833152	9780140	9722928	1.52	cps
Terbium	159-2	6081743	6167515	6122710	6123989	0.70	cps
Thallium	203-1	1008	1025	833	956	11.11	cps
Thallium	205-1	2125	2359	2300	2261	5.37	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSA04	Instrumnet Name :	P7
Client Sample ID :	ICSA04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:40:09	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	233	211	206	217	6.78	cps
Tin	118-1	1808	1858	1650	1772	6.14	cps
Titanium	47-1	1685627	1685178	1697337	1689381	0.41	cps
Uranium	238-1	442	500	442	461	7.30	cps
Vanadium	51-2	333	360	333	342	4.50	cps
Yttrium	89-1	10164998	10151288	10158363	10158216	0.07	cps
Yttrium	89-2	2201700	2255187	2216188	2224358	1.24	cps
Zinc	66-2	6031	5941	6115	6029	1.44	cps
Zirconium	90-1	725	700	650	692	5.52	cps
Zirconium	91-1	125	108	125	119	8.05	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10774759	10784858	10649615	10736411	0.70	cps
Antimony	121-1	145910	149640	147929	147826	1.26	cps
Arsenic	75-2	5590	5762	5872	5741	2.47	cps
Barium	135-1	36407	36707	37568	36894	1.63	cps
Barium	137-1	63386	63177	65530	64031	2.03	cps
Beryllium	9-1	26518	25950	25210	25893	2.53	cps
Bismuth	209-1	6543183	6405813	6434072	6461023	1.12	cps
Bismuth	209-2	4544270	4535195	4539021	4539495	0.10	cps
Boron	10-1	10212	9462	10062	9912	4.01	cps
Boron	11-1	51296	47943	47350	48863	4.35	cps
Bromine	81-1	7435	7210	7227	7291	1.72	cps
Bromine	81-2	130	90	130	117	19.80	cps
Cadmium	111-1	42227	40820	41048	41365	1.83	cps
Cadmium	106-1	9545	8511	8870	8975	5.85	cps
Cadmium	108-1	5418	5009	5334	5254	4.11	cps
Calcium	43-1	1897390	1883703	1899852	1893648	0.46	cps
Calcium	44-1	27973107	28190748	28027263	28063706	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99160	100365	98855	99460	0.80	cps
Cobalt	59-2	84830	84903	85714	85149	0.58	cps
Copper	63-2	77034	77353	76220	76869	0.76	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	108	75	117	100	22.05	cps
Erbium	164-2	77	67	60	68	12.38	cps
Gadolinium	160-1	67	92	83	81	15.80	cps
Gadolinium	160-2	147	133	130	137	6.45	cps
Holmium	165-1	9995885	9564215	9720494	9760198	2.24	cps
Holmium	165-2	6252358	6182953	6195640	6210317	0.60	cps
Indium	115-1	6734231	6495103	6506083	6578472	2.05	cps
Indium	115-2	1876212	1857049	1866319	1866527	0.51	cps
Iron	56-2	222238049	221871538	221584627	221898072	0.15	cps
Iron	57-2	5435837	5466888	5521797	5474841	0.80	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12052274	11867130	11914550	11944651	0.81	cps
Krypton	83-1	433	523	633	530	18.90	cps
Lead	206-1	179754	174582	176418	176918	1.48	cps
Lead	207-1	148922	146580	146675	147392	0.90	cps
Lead	208-1	691355	678884	679440	683227	1.03	cps
Lithium	6-1	1997463	1851647	1823262	1890791	4.94	cps
Magnesium	24-2	23313885	23292688	22980366	23195646	0.81	cps
Manganese	55-2	48623	47195	48048	47956	1.50	cps
Molybdenum	94-1	3903713	3893955	3948499	3915389	0.74	cps
Molybdenum	95-1	6301143	6273687	6264647	6279826	0.30	cps
Molybdenum	96-1	6796891	6783413	6815516	6798607	0.24	cps
Molybdenum	97-1	4100388	4078778	4086655	4088607	0.27	cps
Molybdenum	98-1	10346569	10162092	10238081	10248914	0.90	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	25809	25519	26197	25842	1.32	cps
Phosphorus	31-2	549241	546707	548163	548037	0.23	cps
Potassium	39-2	20938838	20727833	20808466	20825046	0.51	cps
Rhodium	103-1	5654191	5555880	5587725	5599265	0.90	cps
Rhodium	103-2	3362867	3346967	3354048	3354627	0.24	cps
Scandium	45-1	3692094	3606832	3617369	3638765	1.28	cps
Scandium	45-2	263377	258761	255030	259056	1.61	cps
Selenium	82-1	2439	2314	2145	2299	6.42	cps
Selenium	77-2	183	147	187	172	12.89	cps
Selenium	78-2	600	689	576	622	9.57	cps
Silicon	28-1	425147	424506	431147	426933	0.86	cps
Silver	107-1	165126	161098	161931	162718	1.31	cps
Silver	109-1	157872	158941	157755	158189	0.41	cps
Sodium	23-2	41308378	41001150	41255238	41188255	0.40	cps
Strontium	86-1	184537	180664	180368	181856	1.28	cps
Strontium	88-1	1610945	1583902	1590325	1595057	0.89	cps
Sulfur	34-1	3484709	3420733	3425839	3443760	1.03	cps
Terbium	159-1	10060566	9755496	9782253	9866105	1.71	cps
Terbium	159-2	6119856	6045754	6062316	6075975	0.64	cps
Thallium	203-1	174529	169963	173280	172591	1.37	cps
Thallium	205-1	419225	416696	418279	418067	0.31	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	ICSAB04	Instrumnet Name :	P7
Client Sample ID :	ICSAB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:43:14	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	250	233	243	3.50	cps
Tin	118-1	321987	315528	318539	318685	1.01	cps
Titanium	47-1	1727503	1720099	1717652	1721751	0.30	cps
Uranium	238-1	1634863	1602681	1582558	1606700	1.64	cps
Vanadium	51-2	40816	41157	40114	40696	1.31	cps
Yttrium	89-1	10264375	10220832	10265728	10250312	0.25	cps
Yttrium	89-2	2205238	2191355	2194469	2197021	0.33	cps
Zinc	66-2	14821	14904	15228	14984	1.43	cps
Zirconium	90-1	595094	587253	592193	591514	0.67	cps
Zirconium	91-1	132953	134080	134172	133735	0.51	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5768263	5622865	5582300	5657809	1.73	cps
Antimony	121-1	3416566	3434414	3448034	3433005	0.46	cps
Arsenic	75-2	142201	137021	137989	139071	1.98	cps
Barium	135-1	4207361	4197468	4215475	4206768	0.21	cps
Barium	137-1	7240854	7241609	7259013	7247158	0.14	cps
Beryllium	9-1	628300	631174	632241	630572	0.32	cps
Bismuth	209-1	6103037	6083285	6146137	6110820	0.53	cps
Bismuth	209-2	4203082	4195678	4241412	4213391	0.58	cps
Boron	10-1	86505	90102	92549	89719	3.39	cps
Boron	11-1	411849	432757	438323	427643	3.26	cps
Bromine	81-1	6485	6268	6510	6421	2.07	cps
Bromine	81-2	50	80	50	60	28.87	cps
Cadmium	111-1	936785	928079	930300	931721	0.49	cps
Cadmium	106-1	107924	105868	108596	107463	1.32	cps
Cadmium	108-1	71730	71499	70955	71395	0.56	cps
Calcium	43-1	4751049	4741219	4753428	4748565	0.14	cps
Calcium	44-1	69702560	70066879	69735714	69835051	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1257982	1238136	1242789	1246303	0.83	cps
Cobalt	59-2	1995846	1959687	1965855	1973796	0.98	cps
Copper	63-2	13888931	13449376	13533447	13623918	1.71	cps
Dysprosium	156-1	900	967	833	900	7.41	cps
Dysprosium	156-2	560	517	537	538	4.03	cps
Erbium	164-1	183	267	233	228	18.41	cps
Erbium	164-2	133	143	120	132	8.86	cps
Gadolinium	160-1	842	875	717	811	10.29	cps
Gadolinium	160-2	657	653	603	638	4.69	cps
Holmium	165-1	9396296	9524962	9463597	9461619	0.68	cps
Holmium	165-2	5952943	5907774	5976434	5945717	0.59	cps
Indium	115-1	6304759	6288104	6271698	6288187	0.26	cps
Indium	115-2	1781448	1746879	1778520	1768949	1.08	cps
Iron	56-2	279208995	274981567	271647856	275279473	1.38	cps
Iron	57-2	6936319	6874105	6712113	6840846	1.69	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15178995	14675016	14819547	14891186	1.74	cps
Krypton	83-1	423	470	460	451	5.45	cps
Lead	206-1	17097647	17376019	17422672	17298779	1.02	cps
Lead	207-1	15219650	15348122	15361987	15309920	0.51	cps
Lead	208-1	68961373	69544550	69762724	69422882	0.60	cps
Lithium	6-1	1843004	1845139	1872629	1853591	0.89	cps
Magnesium	24-2	62693533	60600633	60234841	61176335	2.17	cps
Manganese	55-2	8968333	8765505	8658081	8797306	1.79	cps
Molybdenum	94-1	6489471	6537392	6516075	6514313	0.37	cps
Molybdenum	95-1	7773798	7840909	7819763	7811490	0.44	cps
Molybdenum	96-1	8738884	8700433	8717080	8718799	0.22	cps
Molybdenum	97-1	5045513	5077382	5046054	5056316	0.36	cps
Molybdenum	98-1	12651313	12743503	12848576	12747797	0.77	cps
Neodymium	150-1	527	420	427	458	13.05	cps
Neodymium	150-2	160	90	140	130	27.74	cps
Nickel	60-2	535118	527146	527356	529873	0.86	cps
Phosphorus	31-2	55871	54366	54040	54759	1.78	cps
Potassium	39-2	27646727	26935538	27085862	27222709	1.38	cps
Rhodium	103-1	5339038	5354803	5345094	5346311	0.15	cps
Rhodium	103-2	3185983	3138319	3175277	3166526	0.79	cps
Scandium	45-1	3574948	3566179	3594305	3578477	0.40	cps
Scandium	45-2	260060	252454	257684	256733	1.52	cps
Selenium	82-1	56981	56492	56965	56813	0.49	cps
Selenium	77-2	3954	4137	4137	4076	2.60	cps
Selenium	78-2	13634	14159	13605	13799	2.26	cps
Silicon	28-1	2259247	2365592	2433860	2352899	3.74	cps
Silver	107-1	4219120	4217382	4202211	4212904	0.22	cps
Silver	109-1	4060050	4072336	4065757	4066048	0.15	cps
Sodium	23-2	104843271	104047438	103340271	104076993	0.72	cps
Strontium	86-1	10087786	10103729	10144882	10112132	0.29	cps
Strontium	88-1	87954017	87934969	86520200	87469728	0.94	cps
Sulfur	34-1	620816	624946	621175	622312	0.37	cps
Terbium	159-1	9437061	9553475	9542068	9510868	0.67	cps
Terbium	159-2	5799382	5720626	5839251	5786420	1.04	cps
Thallium	203-1	4104976	4173091	4211476	4163181	1.30	cps
Thallium	205-1	9880223	9862797	9970830	9904617	0.59	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:50:31	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16002372	15901006	16172821	16025399	0.86	cps
Tin	118-1	2968909	2957939	2964512	2963787	0.19	cps
Titanium	47-1	2100709	2084812	2076350	2087290	0.59	cps
Uranium	238-1	15043224	15072502	15381034	15165587	1.23	cps
Vanadium	51-2	1065847	1034594	1036442	1045628	1.68	cps
Yttrium	89-1	10065882	10062409	10099284	10075858	0.20	cps
Yttrium	89-2	2149729	2112107	2151795	2137877	1.05	cps
Zinc	66-2	2297396	2255783	2261934	2271704	0.99	cps
Zirconium	90-1	5587453	5644947	5648691	5627031	0.61	cps
Zirconium	91-1	1261245	1269254	1257830	1262776	0.46	cps

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 13:56:05 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	158	192	144	38.41	cps
Antimony	121-1	783	758	892	811	8.74	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	58	100	75	78	26.96	cps
Barium	137-1	75	92	67	78	16.37	cps
Beryllium	9-1	161	144	94	133	26.02	cps
Bismuth	209-1	6504285	6599174	6612527	6571995	0.90	cps
Bismuth	209-2	4799122	4778886	4878668	4818892	1.09	cps
Boron	10-1	1917	2184	1925	2009	7.55	cps
Boron	11-1	10429	11346	10963	10913	4.22	cps
Bromine	81-1	6718	6960	6919	6866	1.88	cps
Bromine	81-2	30	30	40	33	17.32	cps
Cadmium	111-1	2923	2971	3032	2975	1.85	cps
Cadmium	106-1	4109	4209	4267	4195	1.91	cps
Cadmium	108-1	29	25	25	26	9.12	cps
Calcium	43-1	192	142	200	178	17.75	cps
Calcium	44-1	5793	5426	5835	5685	3.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	797	797	733	776	4.72	cps
Cobalt	59-2	37	67	83	62	38.00	cps
Copper	63-2	1247	1217	1343	1269	5.22	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	167	123	123	138	18.16	cps
Holmium	165-1	9758263	9633911	9652682	9681619	0.69	cps
Holmium	165-2	6280302	6210651	6319051	6270001	0.88	cps
Indium	115-1	6959251	6850956	6888636	6899614	0.80	cps
Indium	115-2	2007937	2018751	2044029	2023573	0.92	cps
Iron	56-2	6952	7118	7635	7235	4.93	cps
Iron	57-2	200	189	206	198	4.28	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:56:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1041	1021	941	1001	5.29	cps
Krypton	83-1	527	407	563	499	16.43	cps
Lead	206-1	1717	1906	1717	1780	6.13	cps
Lead	207-1	1472	1495	1511	1493	1.31	cps
Lead	208-1	6895	7123	6845	6955	2.13	cps
Lithium	6-1	1987719	2027733	2025186	2013546	1.11	cps
Magnesium	24-2	1017	942	1100	1020	7.77	cps
Manganese	55-2	183	223	147	184	20.79	cps
Molybdenum	94-1	425	458	442	442	3.77	cps
Molybdenum	95-1	375	317	292	328	13.05	cps
Molybdenum	96-1	533	350	350	411	25.75	cps
Molybdenum	97-1	183	242	158	194	21.99	cps
Molybdenum	98-1	567	408	358	444	24.47	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	167	150	160	159	5.28	cps
Phosphorus	31-2	183	275	225	228	20.15	cps
Potassium	39-2	35109	36036	35318	35487	1.37	cps
Rhodium	103-1	6108830	6136819	6147577	6131075	0.33	cps
Rhodium	103-2	3738149	3728874	3795987	3754336	0.97	cps
Scandium	45-1	3864266	3828806	3853183	3848752	0.47	cps
Scandium	45-2	284565	286796	284106	285155	0.50	cps
Selenium	82-1	-20	133	-92	7	1671.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	85	98	86	14.05	cps
Silicon	28-1	177372	176321	176310	176668	0.35	cps
Silver	107-1	317	325	342	328	3.88	cps
Silver	109-1	87529	217	175	29307	172.05	cps
Sodium	23-2	38884	37105	36662	37550	3.13	cps
Strontium	86-1	892	842	958	897	6.52	cps
Strontium	88-1	992	983	1083	1020	5.44	cps
Sulfur	34-1	322646	321249	322405	322100	0.23	cps
Terbium	159-1	9887104	9762744	9713277	9787708	0.92	cps
Terbium	159-2	6141628	6165550	6226247	6177808	0.71	cps
Thallium	203-1	1008	800	858	889	12.09	cps
Thallium	205-1	2009	2267	1900	2059	9.15	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 13:56:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	644	783	667	698	10.69	cps
Tin	118-1	1208	1008	958	1058	12.50	cps
Titanium	47-1	133	58	158	117	44.61	cps
Uranium	238-1	167	100	75	114	41.61	cps
Vanadium	51-2	20	20	20	20	0.00	cps
Yttrium	89-1	10902402	10574798	10680125	10719108	1.56	cps
Yttrium	89-2	2330212	2351565	2368164	2349981	0.81	cps
Zinc	66-2	647	757	627	677	10.34	cps
Zirconium	90-1	792	850	650	764	13.46	cps
Zirconium	91-1	83	142	167	131	32.75	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2400	2975	2884	2753	11.22	cps
Antimony	121-1	13957	14374	13999	14110	1.63	cps
Arsenic	75-2	307	237	298	281	13.61	cps
Barium	135-1	17553	16785	17386	17242	2.34	cps
Barium	137-1	29181	29891	29966	29679	1.46	cps
Beryllium	9-1	1622	1706	1495	1608	6.62	cps
Bismuth	209-1	6528508	6603540	5953900	6361983	5.59	cps
Bismuth	209-2	4803201	4800523	4762880	4788868	0.47	cps
Boron	10-1	5468	5018	5785	5423	7.11	cps
Boron	11-1	25781	26081	26290	26051	0.98	cps
Bromine	81-1	7452	7711	7294	7486	2.81	cps
Bromine	81-2	40	50	40	43	13.32	cps
Cadmium	111-1	4711	4674	4536	4640	1.99	cps
Cadmium	106-1	4134	4242	3892	4090	4.38	cps
Cadmium	108-1	196	167	217	193	13.01	cps
Calcium	43-1	10254	10679	10029	10320	3.20	cps
Calcium	44-1	167404	167799	163724	166309	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6418	6461	6361	6414	0.78	cps
Cobalt	59-2	4507	4504	4667	4560	2.05	cps
Copper	63-2	6295	6301	6515	6370	1.97	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	43	43	37	41	9.35	cps
Gadolinium	160-1	83	33	25	47	66.82	cps
Gadolinium	160-2	97	160	120	126	25.51	cps
Holmium	165-1	9547766	9609639	8617683	9258363	6.00	cps
Holmium	165-2	6275171	6253069	6183035	6237092	0.77	cps
Indium	115-1	6918782	6814721	6303501	6679001	4.93	cps
Indium	115-2	2005335	2026334	2017413	2016361	0.52	cps
Iron	56-2	135707	134234	133623	134521	0.80	cps
Iron	57-2	3439	3467	3678	3528	3.70	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7950	7790	8501	8081	4.62	cps
Krypton	83-1	580	510	557	549	6.49	cps
Lead	206-1	8436	8225	8319	8327	1.27	cps
Lead	207-1	7358	7141	7085	7195	2.00	cps
Lead	208-1	33228	32833	33050	33037	0.60	cps
Lithium	6-1	2049636	2034412	1836513	1973520	6.02	cps
Magnesium	24-2	136565	136230	135516	136103	0.39	cps
Manganese	55-2	2077	2003	1973	2018	2.63	cps
Molybdenum	94-1	13665	13607	13790	13687	0.68	cps
Molybdenum	95-1	15934	17136	17161	16744	4.19	cps
Molybdenum	96-1	18320	18947	19163	18810	2.33	cps
Molybdenum	97-1	10337	10754	11013	10701	3.19	cps
Molybdenum	98-1	27418	27109	27043	27190	0.74	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1323	1357	1337	1339	1.25	cps
Phosphorus	31-2	175	158	242	192	23.01	cps
Potassium	39-2	155574	159962	160333	158623	1.67	cps
Rhodium	103-1	6184196	6239573	5572950	5998906	6.17	cps
Rhodium	103-2	3731461	3754207	3728195	3737955	0.38	cps
Scandium	45-1	3910903	3877403	3525634	3771313	5.66	cps
Scandium	45-2	283338	284031	284707	284026	0.24	cps
Selenium	82-1	567	639	571	592	6.90	cps
Selenium	77-2	50	57	50	52	7.37	cps
Selenium	78-2	224	204	272	233	15.08	cps
Silicon	28-1	203416	205965	208442	205941	1.22	cps
Silver	107-1	8344	8528	8311	8394	1.39	cps
Silver	109-1	8386	8603	8394	8461	1.45	cps
Sodium	23-2	251592	247849	250907	250116	0.80	cps
Strontium	86-1	3309	3075	3050	3145	4.53	cps
Strontium	88-1	20874	20098	20140	20370	2.14	cps
Sulfur	34-1	340923	338802	338600	339442	0.38	cps
Terbium	159-1	9631962	9732881	8737629	9367491	5.85	cps
Terbium	159-2	6143570	6194953	6119509	6152678	0.63	cps
Thallium	203-1	8686	8895	9095	8892	2.30	cps
Thallium	205-1	20032	20833	21084	20650	2.66	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:11:43	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	161	178	144	161	10.34	cps
Tin	118-1	30141	31102	30308	30517	1.68	cps
Titanium	47-1	4251	4392	4267	4304	1.80	cps
Uranium	238-1	27730	28189	27555	27825	1.18	cps
Vanadium	51-2	11241	11331	11368	11313	0.58	cps
Yttrium	89-1	10809498	10701790	9748612	10419967	5.60	cps
Yttrium	89-2	2326403	2367796	2343114	2345771	0.89	cps
Zinc	66-2	1557	1573	1570	1567	0.56	cps
Zirconium	90-1	11388	11521	11672	11527	1.23	cps
Zirconium	91-1	2384	2325	2367	2359	1.27	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	400	458	394	16.95	cps
Antimony	121-1	292	225	242	253	13.73	cps
Arsenic	75-2	19	15	9	14	32.83	cps
Barium	135-1	125	42	108	92	48.10	cps
Barium	137-1	100	125	100	108	13.32	cps
Beryllium	9-1	72	61	128	87	41.04	cps
Bismuth	209-1	8183184	8040044	7964370	8062533	1.38	cps
Bismuth	209-2	5553905	5476443	5485017	5505121	0.77	cps
Boron	10-1	617	542	633	597	8.18	cps
Boron	11-1	2675	2950	2800	2809	4.90	cps
Bromine	81-1	7761	7377	6985	7374	5.26	cps
Bromine	81-2	30	40	50	40	25.00	cps
Cadmium	111-1	3734	3410	3504	3549	4.70	cps
Cadmium	106-1	5368	4859	4976	5068	5.26	cps
Cadmium	108-1	46	42	13	33	54.49	cps
Calcium	43-1	258	267	367	297	20.28	cps
Calcium	44-1	7219	6818	7302	7113	3.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	957	953	950	953	0.35	cps
Cobalt	59-2	57	47	53	52	9.75	cps
Copper	63-2	910	853	887	883	3.22	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	50	33	61	56.78	cps
Erbium	164-2	23	50	50	41	37.46	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	117	137	163	139	16.86	cps
Holmium	165-1	11639696	11602027	11408233	11549986	1.08	cps
Holmium	165-2	7269623	7187619	7030746	7162662	1.69	cps
Indium	115-1	8363696	8281396	8323945	8323012	0.49	cps
Indium	115-2	2355221	2359579	2343702	2352834	0.35	cps
Iron	56-2	5468	5679	5468	5538	2.20	cps
Iron	57-2	156	217	172	181	17.41	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	691	721	841	751	10.58	cps
Krypton	83-1	600	470	520	530	12.37	cps
Lead	206-1	1667	1756	1811	1745	4.18	cps
Lead	207-1	1633	1406	1578	1539	7.72	cps
Lead	208-1	7056	6612	6767	6812	3.31	cps
Lithium	6-1	2558904	2428931	2412653	2466829	3.25	cps
Magnesium	24-2	692	667	700	686	2.53	cps
Manganese	55-2	777	947	807	843	10.76	cps
Molybdenum	94-1	217	342	183	247	33.76	cps
Molybdenum	95-1	33	42	8	28	62.46	cps
Molybdenum	96-1	83	50	92	75	29.40	cps
Molybdenum	97-1	25	67	25	39	61.86	cps
Molybdenum	98-1	100	58	50	69	38.58	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	180	217	181	19.33	cps
Phosphorus	31-2	217	200	175	197	10.63	cps
Potassium	39-2	32661	33647	34374	33561	2.56	cps
Rhodium	103-1	7564044	7416197	7434904	7471715	1.08	cps
Rhodium	103-2	4371001	4382940	4337427	4363789	0.54	cps
Scandium	45-1	4829134	4763420	4699574	4764042	1.36	cps
Scandium	45-2	335312	336221	335824	335786	0.14	cps
Selenium	82-1	-58	44	5	-3	-1575.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	80	100	83	19.30	cps
Silicon	28-1	213545	234173	248355	232024	7.54	cps
Silver	107-1	208	158	100	156	34.86	cps
Silver	109-1	33	83	58	58	42.86	cps
Sodium	23-2	14624	16009	16084	15572	5.28	cps
Strontium	86-1	900	1042	883	942	9.24	cps
Strontium	88-1	1358	1292	1358	1336	2.88	cps
Sulfur	34-1	348171	354077	347932	350060	0.99	cps
Terbium	159-1	11880114	11628014	11541902	11683343	1.50	cps
Terbium	159-2	7189990	6951263	6952845	7031366	1.95	cps
Thallium	203-1	242	267	283	264	7.95	cps
Thallium	205-1	650	658	825	711	13.88	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	M3871-04	Instrumnet Name :	P7
Client Sample ID :	FB02-BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:27:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	117	194	144	30.04	cps
Tin	118-1	675	425	517	539	23.47	cps
Titanium	47-1	58	92	75	75	22.22	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	7	10	23	13	66.12	cps
Yttrium	89-1	13316386	13062384	12830016	13069596	1.86	cps
Yttrium	89-2	2737708	2768939	2751922	2752856	0.57	cps
Zinc	66-2	10854	10661	10777	10764	0.91	cps
Zirconium	90-1	617	608	692	639	7.18	cps
Zirconium	91-1	92	108	133	111	18.88	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	50	56	17.32	cps
Antimony	121-1	158	133	133	142	10.19	cps
Arsenic	75-2	7	9	4	7	41.70	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	25	17	17	19	24.73	cps
Beryllium	9-1	94	94	78	89	10.83	cps
Bismuth	209-1	6604628	6624314	6645717	6624886	0.31	cps
Bismuth	209-2	4815560	4785910	4776997	4792822	0.42	cps
Boron	10-1	517	550	500	522	4.87	cps
Boron	11-1	2834	2509	2375	2573	9.17	cps
Bromine	81-1	7727	7419	7219	7455	3.44	cps
Bromine	81-2	20	30	40	30	33.33	cps
Cadmium	111-1	3063	3200	3147	3137	2.21	cps
Cadmium	106-1	4384	4593	4518	4498	2.35	cps
Cadmium	108-1	21	33	33	29	24.75	cps
Calcium	43-1	58	108	117	94	33.41	cps
Calcium	44-1	3917	3842	3742	3834	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	807	700	817	774	8.35	cps
Cobalt	59-2	47	40	50	46	11.18	cps
Copper	63-2	687	660	740	696	5.86	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	30	47	40	39	21.57	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	133	130	147	137	6.45	cps
Holmium	165-1	9733557	9678194	9705145	9705632	0.29	cps
Holmium	165-2	6393925	6342649	6291511	6342695	0.81	cps
Indium	115-1	7079692	7041103	6949581	7023459	0.95	cps
Indium	115-2	2082752	2068673	2086693	2079373	0.46	cps
Iron	56-2	3612	3762	3901	3758	3.85	cps
Iron	57-2	156	128	111	131	17.08	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	891	721	801	804	10.59	cps
Krypton	83-1	587	487	557	543	9.45	cps
Lead	206-1	1145	1300	1283	1243	6.87	cps
Lead	207-1	972	1056	1083	1037	5.58	cps
Lead	208-1	4739	4845	5356	4980	6.62	cps
Lithium	6-1	2114539	2058751	2083815	2085702	1.34	cps
Magnesium	24-2	367	425	392	394	7.42	cps
Manganese	55-2	60	30	57	49	33.63	cps
Molybdenum	94-1	133	250	233	206	30.70	cps
Molybdenum	95-1	17	33	17	22	43.28	cps
Molybdenum	96-1	33	75	75	61	39.37	cps
Molybdenum	97-1	0	33	17	17	99.99	cps
Molybdenum	98-1	42	17	108	56	85.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	153	173	163	163	6.12	cps
Phosphorus	31-2	192	233	217	214	9.81	cps
Potassium	39-2	35067	32035	34675	33926	4.86	cps
Rhodium	103-1	6338784	6294216	6307035	6313345	0.36	cps
Rhodium	103-2	3870547	3805732	3879212	3851830	1.04	cps
Scandium	45-1	4035344	4080641	4071142	4062376	0.59	cps
Scandium	45-2	299119	291644	299957	296907	1.54	cps
Selenium	82-1	-52	39	-17	-10	-460.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	80	87	85	5.06	cps
Silicon	28-1	172524	176960	177654	175712	1.58	cps
Silver	107-1	50	42	133	75	67.59	cps
Silver	109-1	25	42	42	36	26.65	cps
Sodium	23-2	13974	14082	14015	14024	0.39	cps
Strontium	86-1	808	942	800	850	9.35	cps
Strontium	88-1	183	125	133	147	21.43	cps
Sulfur	34-1	354208	357340	351720	354423	0.79	cps
Terbium	159-1	9875972	9758269	9835843	9823361	0.61	cps
Terbium	159-2	6297916	6209187	6237591	6248231	0.73	cps
Thallium	203-1	258	300	183	247	23.91	cps
Thallium	205-1	492	533	617	547	11.63	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BL	Instrumnet Name :	P7
Client Sample ID :	PB139308BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:34:04	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	189	117	146	25.85	cps
Tin	118-1	700	633	592	642	8.52	cps
Titanium	47-1	25	92	58	58	57.14	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	11074959	11120865	11116040	11103955	0.23	cps
Yttrium	89-2	2441971	2404282	2437789	2428014	0.85	cps
Zinc	66-2	373	407	340	373	8.93	cps
Zirconium	90-1	542	567	525	544	3.85	cps
Zirconium	91-1	133	158	117	136	15.41	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1212398	1189164	1206099	1202553	1.00	cps
Antimony	121-1	3539053	3550527	3522766	3537449	0.39	cps
Arsenic	75-2	139863	136110	136933	137635	1.43	cps
Barium	135-1	4255889	4311566	4256908	4274788	0.75	cps
Barium	137-1	7456873	7483268	7433197	7457779	0.34	cps
Beryllium	9-1	683189	696289	680649	686709	1.22	cps
Bismuth	209-1	6438999	6520272	6342446	6433906	1.38	cps
Bismuth	209-2	4519150	4582836	4541490	4547826	0.71	cps
Boron	10-1	88006	95937	93119	92354	4.35	cps
Boron	11-1	425952	455352	445653	442319	3.39	cps
Bromine	81-1	6535	7077	7044	6885	4.41	cps
Bromine	81-2	70	30	30	43	53.29	cps
Cadmium	111-1	962276	972620	959735	964877	0.71	cps
Cadmium	106-1	110503	112090	110033	110875	0.97	cps
Cadmium	108-1	73568	74590	74904	74354	0.94	cps
Calcium	43-1	1037767	1026909	1020350	1028342	0.86	cps
Calcium	44-1	15267291	15225439	15000240	15164324	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1279249	1251768	1263419	1264812	1.09	cps
Cobalt	59-2	2036401	1995838	2017952	2016730	1.01	cps
Copper	63-2	14579950	14126473	13986889	14231104	2.18	cps
Dysprosium	156-1	217	317	242	258	20.15	cps
Dysprosium	156-2	220	160	213	198	16.63	cps
Erbium	164-1	125	150	117	131	13.29	cps
Erbium	164-2	83	97	90	90	7.41	cps
Gadolinium	160-1	225	242	217	228	5.59	cps
Gadolinium	160-2	180	280	303	254	25.75	cps
Holmium	165-1	9656092	9613159	9346722	9538658	1.76	cps
Holmium	165-2	6023796	6087731	6094899	6068809	0.65	cps
Indium	115-1	6706965	6642554	6428880	6592800	2.21	cps
Indium	115-2	1851445	1849946	1844687	1848693	0.19	cps
Iron	56-2	57616126	56149517	56220517	56662053	1.46	cps
Iron	57-2	1469455	1443557	1453562	1455525	0.90	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3270547	3238522	3256616	3255228	0.49	cps
Krypton	83-1	547	497	487	510	6.30	cps
Lead	206-1	17855347	18340923	18018557	18071609	1.37	cps
Lead	207-1	15738477	15958279	15743226	15813328	0.79	cps
Lead	208-1	71339003	72729982	71647972	71905653	1.02	cps
Lithium	6-1	1999598	2061082	1986718	2015799	1.97	cps
Magnesium	24-2	12681396	12438843	12606744	12575661	0.99	cps
Manganese	55-2	8897510	8676793	8722017	8765440	1.33	cps
Molybdenum	94-1	6793220	6727119	6622015	6714118	1.29	cps
Molybdenum	95-1	8150364	8159626	7986760	8098917	1.20	cps
Molybdenum	96-1	9081353	8943738	8887732	8970941	1.11	cps
Molybdenum	97-1	5194586	5192499	5179275	5188787	0.16	cps
Molybdenum	98-1	13145279	13078646	13024960	13082962	0.46	cps
Neodymium	150-1	527	513	507	516	1.98	cps
Neodymium	150-2	53	100	103	86	32.68	cps
Nickel	60-2	521063	508523	511692	513759	1.27	cps
Phosphorus	31-2	57318	56097	56658	56691	1.08	cps
Potassium	39-2	5619573	5426899	5446686	5497720	1.93	cps
Rhodium	103-1	5819392	5799258	5626115	5748255	1.85	cps
Rhodium	103-2	3385535	3363303	3381821	3376886	0.35	cps
Scandium	45-1	3827053	3777086	3641681	3748607	2.56	cps
Scandium	45-2	264738	261114	260431	262094	0.88	cps
Selenium	82-1	59096	60180	59585	59620	0.91	cps
Selenium	77-2	4041	4301	4331	4224	3.78	cps
Selenium	78-2	14035	14220	14114	14123	0.66	cps
Silicon	28-1	2504098	2564197	2614176	2560824	2.15	cps
Silver	107-1	4412775	4421097	4395605	4409825	0.29	cps
Silver	109-1	4237685	4277313	4254488	4256495	0.47	cps
Sodium	23-2	21540395	21082315	21299474	21307395	1.08	cps
Strontium	86-1	10493108	10516254	10382138	10463833	0.69	cps
Strontium	88-1	91694181	91878187	89184533	90918967	1.66	cps
Sulfur	34-1	686567	669237	650790	668865	2.67	cps
Terbium	159-1	9683543	9755594	9456322	9631820	1.62	cps
Terbium	159-2	5921754	5986713	5936913	5948460	0.57	cps
Thallium	203-1	4250994	4296269	4294045	4280436	0.60	cps
Thallium	205-1	10221189	10404745	10201167	10275700	1.09	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	PB139308BS	Instrumnet Name :	P7
Client Sample ID :	PB139308BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:37:11	DataFile Name :	032LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15868804	16120079	15835375	15941419	0.98	cps
Tin	118-1	3058369	3069692	3023927	3050663	0.78	cps
Titanium	47-1	2218357	2178619	2150862	2182613	1.55	cps
Uranium	238-1	14913013	15165459	15076673	15051715	0.85	cps
Vanadium	51-2	1062868	1033214	1046049	1047377	1.42	cps
Yttrium	89-1	10544834	10463194	10095877	10367969	2.31	cps
Yttrium	89-2	2199104	2171092	2169751	2179983	0.76	cps
Zinc	66-2	2387215	2351805	2354624	2364548	0.83	cps
Zirconium	90-1	5690399	5640256	5577914	5636190	1.00	cps
Zirconium	91-1	1287693	1289424	1269532	1282216	0.86	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5515636	5547761	5616661	5560019	0.93	cps
Antimony	121-1	3332431	3378574	3372590	3361198	0.75	cps
Arsenic	75-2	134849	138194	137182	136742	1.25	cps
Barium	135-1	4133279	4124762	4123942	4127328	0.13	cps
Barium	137-1	7067867	7140009	7197754	7135210	0.91	cps
Beryllium	9-1	637092	633727	629840	633553	0.57	cps
Bismuth	209-1	6013356	6104337	6032804	6050166	0.79	cps
Bismuth	209-2	4238199	4201542	4175575	4205105	0.75	cps
Boron	10-1	89493	88878	90739	89703	1.06	cps
Boron	11-1	420861	432983	430088	427977	1.48	cps
Bromine	81-1	6452	6352	6177	6327	2.20	cps
Bromine	81-2	20	110	40	57	83.40	cps
Cadmium	111-1	919119	922086	915340	918849	0.37	cps
Cadmium	106-1	105507	103140	104835	104494	1.17	cps
Cadmium	108-1	70720	70306	70306	70444	0.34	cps
Calcium	43-1	4651407	4639782	4619445	4636878	0.35	cps
Calcium	44-1	68607574	69207070	68856633	68890426	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1215981	1232206	1234392	1227526	0.82	cps
Cobalt	59-2	1918626	1954006	1942487	1938373	0.93	cps
Copper	63-2	13510500	13610339	13532262	13551034	0.39	cps
Dysprosium	156-1	850	717	850	806	9.56	cps
Dysprosium	156-2	530	607	560	566	6.83	cps
Erbium	164-1	200	267	267	244	15.75	cps
Erbium	164-2	80	147	127	118	29.05	cps
Gadolinium	160-1	700	858	808	789	10.26	cps
Gadolinium	160-2	570	597	610	592	3.44	cps
Holmium	165-1	9234911	9374764	9391206	9333627	0.92	cps
Holmium	165-2	6008338	5890002	5891302	5929881	1.15	cps
Indium	115-1	6143222	6205013	6206683	6184973	0.58	cps
Indium	115-2	1775450	1770649	1754309	1766803	0.63	cps
Iron	56-2	269865945	272522517	272773945	271720802	0.59	cps
Iron	57-2	6743147	6735751	6808093	6762330	0.59	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14694494	14759061	14756533	14736696	0.25	cps
Krypton	83-1	450	420	410	427	4.88	cps
Lead	206-1	17377285	17378087	17121912	17292428	0.85	cps
Lead	207-1	15280324	15277039	15133642	15230335	0.55	cps
Lead	208-1	69311032	69742935	68729140	69261036	0.73	cps
Lithium	6-1	1873437	1856404	1827364	1852402	1.26	cps
Magnesium	24-2	59304091	60345724	60919770	60189862	1.36	cps
Manganese	55-2	8609267	8657106	8677536	8647970	0.41	cps
Molybdenum	94-1	6432683	6414274	6371667	6406208	0.49	cps
Molybdenum	95-1	7775925	7614936	7625356	7672072	1.17	cps
Molybdenum	96-1	8619211	8633548	8629088	8627282	0.09	cps
Molybdenum	97-1	4914670	4949239	4972107	4945339	0.58	cps
Molybdenum	98-1	12413329	12354318	12487570	12418405	0.54	cps
Neodymium	150-1	460	473	553	496	10.19	cps
Neodymium	150-2	103	103	117	108	7.14	cps
Nickel	60-2	521192	530343	523945	525160	0.89	cps
Phosphorus	31-2	53462	54399	55177	54346	1.58	cps
Potassium	39-2	26401630	26727430	27025634	26718231	1.17	cps
Rhodium	103-1	5197877	5216921	5244453	5219750	0.45	cps
Rhodium	103-2	3163734	3184368	3152145	3166749	0.52	cps
Scandium	45-1	3461915	3490106	3491667	3481229	0.48	cps
Scandium	45-2	253470	255232	252939	253880	0.47	cps
Selenium	82-1	56133	55894	55628	55885	0.45	cps
Selenium	77-2	3944	4207	3997	4049	3.44	cps
Selenium	78-2	13608	13378	13640	13542	1.05	cps
Silicon	28-1	2247482	2354981	2400854	2334439	3.37	cps
Silver	107-1	4137195	4121853	4102494	4120514	0.42	cps
Silver	109-1	3971870	3946096	3958168	3958711	0.33	cps
Sodium	23-2	100716465	101926329	101226004	101289599	0.60	cps
Strontium	86-1	9884134	9839412	9798490	9840679	0.44	cps
Strontium	88-1	85419862	86137481	86452912	86003419	0.62	cps
Sulfur	34-1	610793	612543	614573	612636	0.31	cps
Terbium	159-1	9461129	9372865	9319236	9384410	0.76	cps
Terbium	159-2	5857506	5758745	5756592	5790948	1.00	cps
Thallium	203-1	4119956	4157007	4124996	4133986	0.49	cps
Thallium	205-1	9903884	9990049	9903914	9932616	0.50	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:40:11	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16042100	16132199	15869801	16014700	0.83	cps
Tin	118-1	2893267	2913537	2933153	2913319	0.68	cps
Titanium	47-1	2007761	2031348	2017574	2018894	0.59	cps
Uranium	238-1	15286599	15203423	15241570	15243864	0.27	cps
Vanadium	51-2	1017330	1035388	1036396	1029705	1.04	cps
Yttrium	89-1	9737772	9839724	9919946	9832481	0.93	cps
Yttrium	89-2	2131639	2131549	2113521	2125570	0.49	cps
Zinc	66-2	2225716	2247956	2243292	2238988	0.52	cps
Zirconium	90-1	5476334	5528995	5523692	5509674	0.53	cps
Zirconium	91-1	1234252	1234991	1229848	1233030	0.23	cps

LB Number : LB116476 Operator : JASWAL
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-23 14:46:00 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	133	142	161	25.51	cps
Antimony	121-1	758	817	842	806	5.31	cps
Arsenic	75-2	4	7	9	7	41.70	cps
Barium	135-1	67	42	83	64	32.83	cps
Barium	137-1	133	150	183	156	16.37	cps
Beryllium	9-1	111	172	156	146	21.60	cps
Bismuth	209-1	6627966	6643080	6703094	6658046	0.60	cps
Bismuth	209-2	4676429	4715804	4733138	4708457	0.62	cps
Boron	10-1	2417	1900	2184	2167	11.94	cps
Boron	11-1	10804	10070	9778	10218	5.17	cps
Bromine	81-1	7335	7052	7144	7177	2.02	cps
Bromine	81-2	70	60	20	50	52.92	cps
Cadmium	111-1	2805	2961	2788	2851	3.34	cps
Cadmium	106-1	3942	4167	3934	4015	3.30	cps
Cadmium	108-1	25	33	17	25	33.32	cps
Calcium	43-1	208	167	192	189	11.10	cps
Calcium	44-1	5876	5860	5943	5893	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	733	697	693	708	3.14	cps
Cobalt	59-2	80	63	60	68	15.81	cps
Copper	63-2	1067	1113	1023	1068	4.22	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	67	100	83	83	20.00	cps
Erbium	164-2	37	20	23	27	33.08	cps
Gadolinium	160-1	17	83	25	42	87.18	cps
Gadolinium	160-2	100	130	120	117	13.09	cps
Holmium	165-1	9707545	9578845	9728058	9671483	0.84	cps
Holmium	165-2	6137518	6176505	6133457	6149160	0.39	cps
Indium	115-1	6923636	6848718	6888533	6886962	0.54	cps
Indium	115-2	1979689	1977845	1983476	1980337	0.14	cps
Iron	56-2	7391	7591	7358	7446	1.70	cps
Iron	57-2	206	211	267	228	14.83	cps

LB Number :	LB116476	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-09-23 14:46:00	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	961	1001	1031	998	3.52	cps
Krypton	83-1	510	467	537	504	7.00	cps
Lead	206-1	2450	2434	2528	2471	2.04	cps
Lead	207-1	2389	2061	2061	2171	8.72	cps
Lead	208-1	10079	9891	9679	9883	2.03	cps
Lithium	6-1	2073181	2004930	2057632	2045248	1.75	cps
Magnesium	24-2	1058	1250	1208	1172	8.60	cps
Manganese	55-2	277	227	203	236	15.90	cps
Molybdenum	94-1	517	375	358	417	20.88	cps
Molybdenum	95-1	292	308	333	311	6.74	cps
Molybdenum	96-1	408	317	417	381	14.58	cps
Molybdenum	97-1	192	192	217	200	7.22	cps
Molybdenum	98-1	500	592	525	539	8.79	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	180	173	168	9.39	cps
Phosphorus	31-2	150	242	250	214	25.94	cps
Potassium	39-2	34741	32720	33455	33639	3.04	cps
Rhodium	103-1	5977750	6112385	6166788	6085641	1.60	cps
Rhodium	103-2	3665929	3668673	3671812	3668804	0.08	cps
Scandium	45-1	3806482	3804301	3812607	3807797	0.11	cps
Scandium	45-2	277188	276135	278786	277370	0.48	cps
Selenium	82-1	-24	33	-27	-6	-595.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	63	72	67	7.35	cps
Silicon	28-1	163769	168690	170299	167586	2.03	cps
Silver	107-1	300	325	225	283	18.37	cps
Silver	109-1	158	275	192	208	28.84	cps
Sodium	23-2	29496	27785	28953	28745	3.04	cps
Strontium	86-1	875	858	1008	914	9.00	cps
Strontium	88-1	1483	1325	1633	1481	10.41	cps
Sulfur	34-1	312070	315052	319764	315629	1.23	cps
Terbium	159-1	9818677	9782099	9801443	9800740	0.19	cps
Terbium	159-2	6046804	6037876	6070037	6051572	0.27	cps
Thallium	203-1	1258	1133	1042	1145	9.50	cps
Thallium	205-1	2759	2650	2425	2611	6.51	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	633	617	750	667	10.90	cps
Tin	118-1	983	1183	1125	1097	9.37	cps
Titanium	47-1	75	117	58	83	36.05	cps
Uranium	238-1	292	292	250	278	8.66	cps
Vanadium	51-2	33	17	17	22	43.28	cps
Yttrium	89-1	10640886	10652313	10667263	10653487	0.12	cps
Yttrium	89-2	2301856	2290631	2302557	2298348	0.29	cps
Zinc	66-2	660	657	713	677	4.70	cps
Zirconium	90-1	792	842	1033	889	14.35	cps
Zirconium	91-1	192	167	158	172	10.07	cps