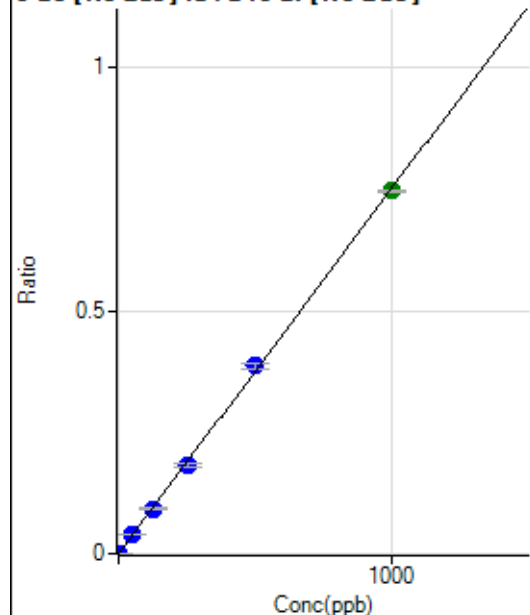


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101121 MS.b\
Analysis File: P8101121 MS.batch.bin
DA Date-Time: 2021-10-11 16:45:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-10-11 14:21:06
2	007CAL.S.d	S02	2021-10-11 14:27:15
3	008CAL.S.d	S03	2021-10-11 14:30:20
4	009CAL.S.d	S04	2021-10-11 14:33:24
5	010CAL.S.d	S05	2021-10-11 14:36:29
6	011CAL.S.d	S06	2021-10-11 14:39:32
7	013CAL.S.d	S07	2021-10-11 14:45:42
8	014CAL.S.d	S08	2021-10-11 14:48:48

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.66	0.0000	P	27.6
2	☐	1.000	1.066	1831.76	0.0008	P	7.4
3	☐	50.000	51.542	86460.75	0.0387	P	3.7
4	☐	125.000	123.580	216334.34	0.0928	P	2.0
5	☐	250.000	241.813	431938.08	0.1815	P	5.1
6	☐	500.000	515.757	855735.08	0.3872	P	3.0
7	☐	1000.000	994.269	1708401.39	0.7463	A	0.6
8	☐			245.96	0.0001	P	3.4

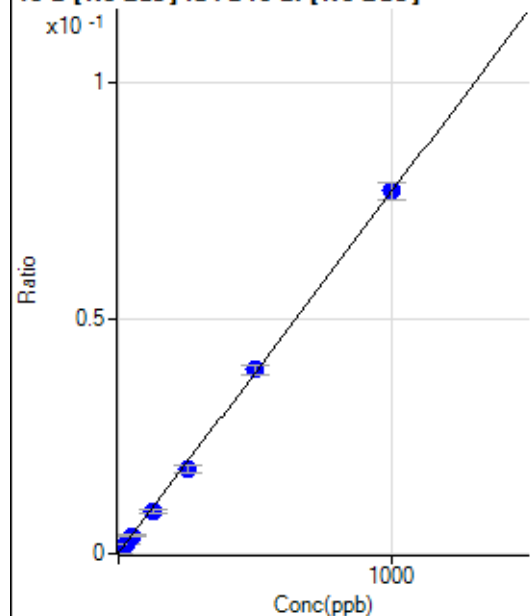
$$y = 7.5062\text{E-}004 * x + 1.6894\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01861$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.29	0.0001	P	6.5
2	☐	25.000	24.506	4472.48	0.0020	P	5.1
3	☐	50.000	47.412	8380.10	0.0038	P	7.6
4	☐	125.000	116.031	21025.62	0.0090	P	6.7
5	☐	250.000	230.481	42317.36	0.0178	P	9.2
6	☐	500.000	507.815	86441.25	0.0391	P	5.6
7	☐	1000.000	1002.235	176328.40	0.0770	P	4.8
8	☐			19523.82	0.0087	P	10.9

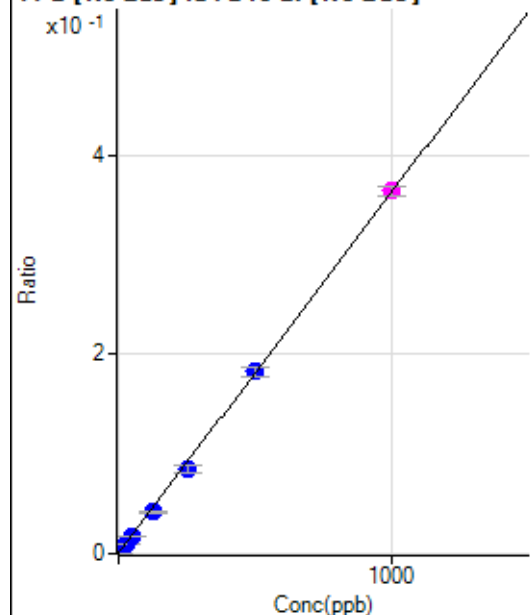
$$y = 7.6760\text{E-}005 * x + 1.1296\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.2857$$

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	1070.50	0.0005	P	0.9
2	☐	25.000	24.854	21305.93	0.0095	P	6.3
3	☐	50.000	47.492	39565.44	0.0177	P	6.0
4	☐	125.000	113.902	97403.74	0.0418	P	4.8
5	☐	250.000	232.898	201884.97	0.0849	P	8.3
6	☐	500.000	502.917	404078.43	0.1828	P	5.0
7	☐	1000.000	1004.333	834437.25	0.3646	M	2.3
8	☐			93543.60	0.0417	P	10.4

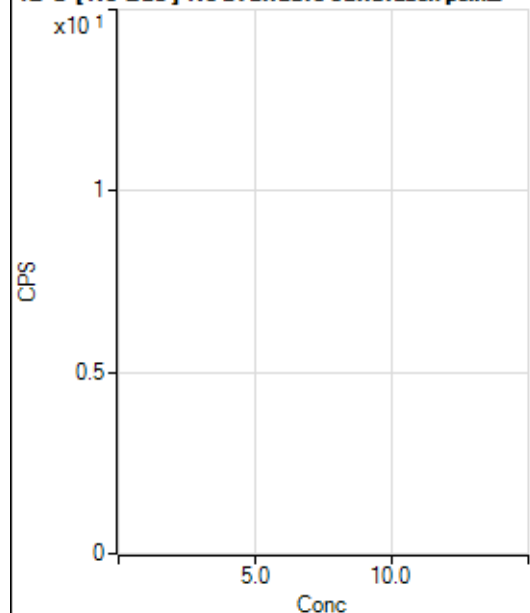
$$y = 3.6249\text{E-}004 * x + 4.9278\text{E-}004$$

$$R = 0.9998$$

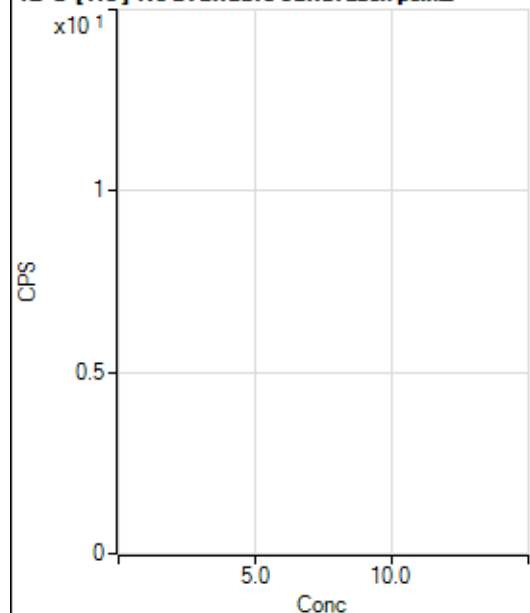
$$DL = 0.03715$$

Weight: <None>

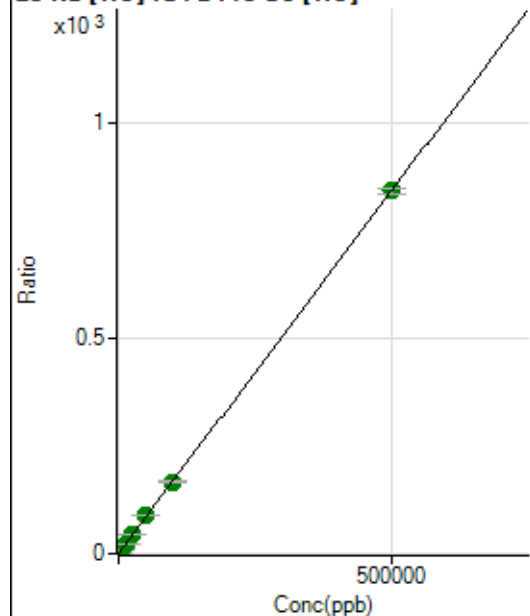
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3944593.66		A	0.3
2	☐			4102352.61		A	0.5
3	☐			4270612.85		A	1.1
4	☐			4372169.32		A	2.1
5	☐			4335527.14		A	2.9
6	☐			4620780.01		A	0.5
7	☐			4938111.79		A	0.5
8	☐			5265950.29		A	1.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46490.99		P	1.4
2	☐			48023.80		P	0.4
3	☐			50610.24		P	1.1
4	☐			51262.33		P	0.9
5	☐			52612.12		P	1.8
6	☐			57844.99		P	0.4
7	☐			61130.73		P	2.6
8	☐			72188.93		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20559.40	0.0981	P	2.2
2	☐	500.000	525.470	213004.95	0.9820	P	1.4
3	☐	5000.000	5240.633	1892464.58	8.9142	A	1.9
4	☐	12500.000	13133.833	4609450.36	22.1926	A	4.0
5	☐	25000.000	25675.819	9169790.05	43.2915	A	2.0
6	☐	50000.000	52104.773	18966580.29	87.7519	A	1.4
7	☐	100000.00	98612.215	37854577.24	165.9895	A	2.2
8	☐	500000.00	500015.01	188661918.1	841.2537	A	1.8

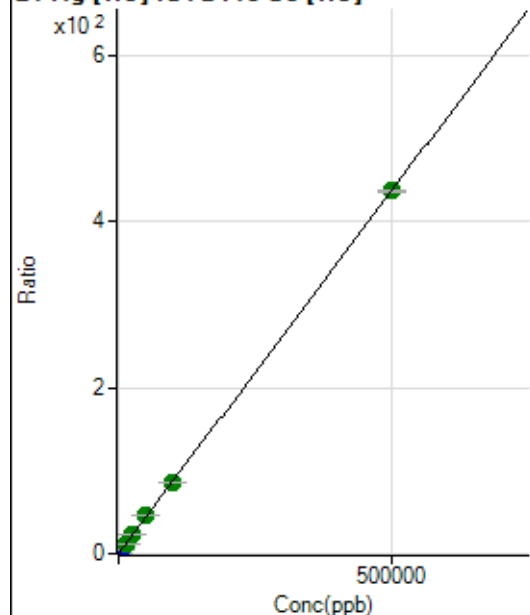
$$y = 0.0017 * x + 0.0981$$

$$R = 1.0000$$

$$DL = 3.889$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.92	0.0029	P	6.3
2	☐	500.000	522.860	99620.29	0.4592	P	0.8
3	☐	5000.000	5302.085	982999.50	4.6302	P	0.9
4	☐	12500.000	13637.273	2473134.58	11.9044	A	3.6
5	☐	25000.000	26150.931	4835148.07	22.8254	A	0.4
6	☐	50000.000	51885.777	9788174.09	45.2847	A	0.5
7	☐	100000.00	98326.721	19570436.03	85.8146	A	2.0
8	☐	500000.00	500057.05	97875222.33	436.4126	A	0.2

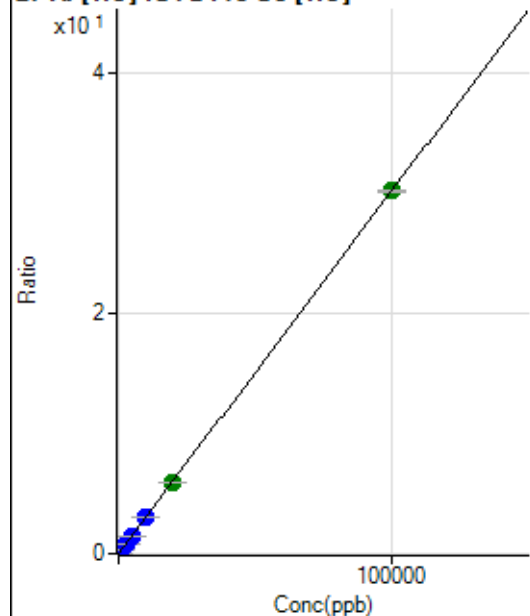
$$y = 8.7272\text{E-}004 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 0.6342$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.07	0.0006	P	14.7
2	☐	20.000	22.152	1580.31	0.0073	P	3.8
3	☐	1000.000	1020.602	65481.98	0.3084	P	1.3
4	☐	2500.000	2578.422	161661.65	0.7783	P	3.7
5	☐	5000.000	4992.462	319092.31	1.5064	P	0.2
6	☐	10000.000	9994.898	651724.28	3.0152	P	0.5
7	☐	20000.000	19622.186	1349859.24	5.9189	A	1.9
8	☐	100000.00	100074.28	6769466.79	30.1841	A	0.3

$$y = 3.0161\text{E-}004 * x + 6.0592\text{E-}004$$

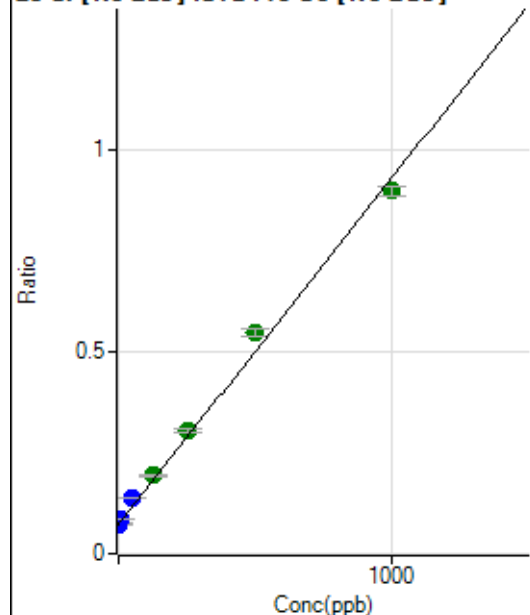
$$R = 1.0000$$

$$DL = 0.8852$$

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	453327.09	0.0727	P	2.8
2	☐	10.000	13.168	530390.06	0.0840	P	0.7
3	☐	50.000	75.828	867330.38	0.1376	P	0.6
4	☐	125.000	141.205	1227640.24	0.1936	A	3.0
5	☐	250.000	271.049	1956242.08	0.3048	A	3.1
6	☐	500.000	555.317	3520523.39	0.5481	A	3.7
7	☐	1000.000	963.731	5958933.16	0.8977	A	2.3
8	☐			1163675.25	0.1754	A	4.1

$$y = 8.5601E-004 * x + 0.0727$$

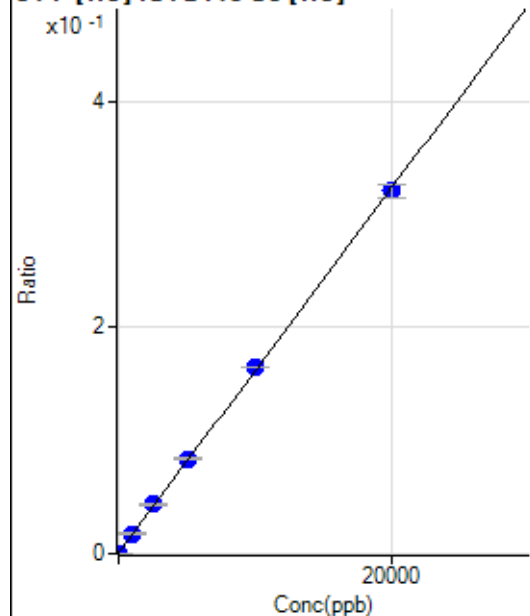
$$R = 0.9973$$

$$DL = 7.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.638	130.56	0.0006	P	18.6
2	☐	0.000	-2.638	116.67	0.0005	P	27.5
3	☐	1000.000	1061.722	3761.70	0.0177	P	2.5
4	☐	2500.000	2670.519	9078.07	0.0437	P	2.2
5	☐	5000.000	5145.078	17716.84	0.0836	P	1.5
6	☐	10000.000	10176.536	35636.07	0.1649	P	0.6
7	☐	20000.000	19851.062	73199.13	0.3210	P	3.9
8	☐			125.00	0.0006	P	34.9

$$y = 1.6143E-005 * x + 5.7948E-004$$

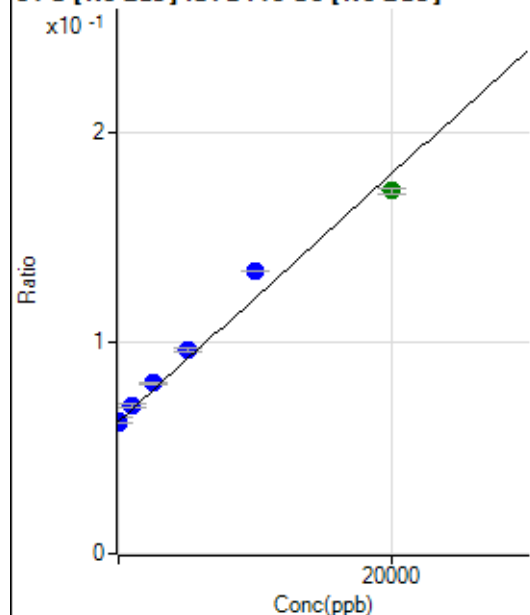
$$R = 0.9999$$

$$DL = 24.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	90.897	393559.24	0.0632	P	3.9
2	☐	0.000	-90.897	392013.67	0.0621	P	0.7
3	☐	1000.000	1302.289	442627.10	0.0703	P	3.0
4	☐	2500.000	3100.112	512545.24	0.0808	P	1.3
5	☐	5000.000	5854.444	622484.38	0.0970	P	2.0
6	☐	10000.000	12159.012	861104.07	0.1340	P	0.2
7	☐	20000.000	18616.754	1141658.08	0.1720	A	1.9
8	☐			358205.60	0.0540	P	0.6

$$y = 5.8731E-006 * x + 0.0626$$

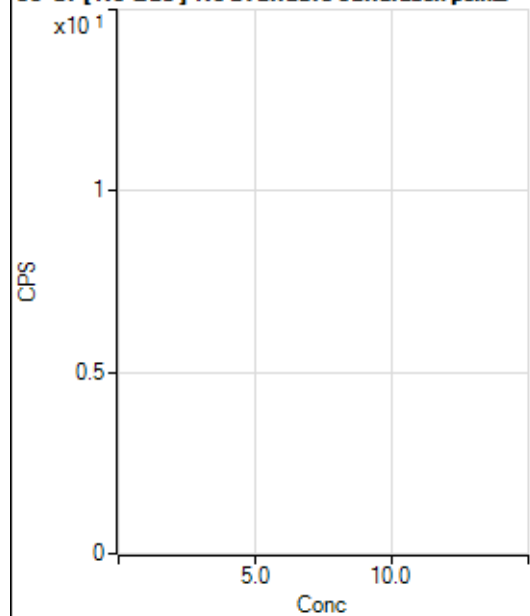
R = 0.9895

DL = 731

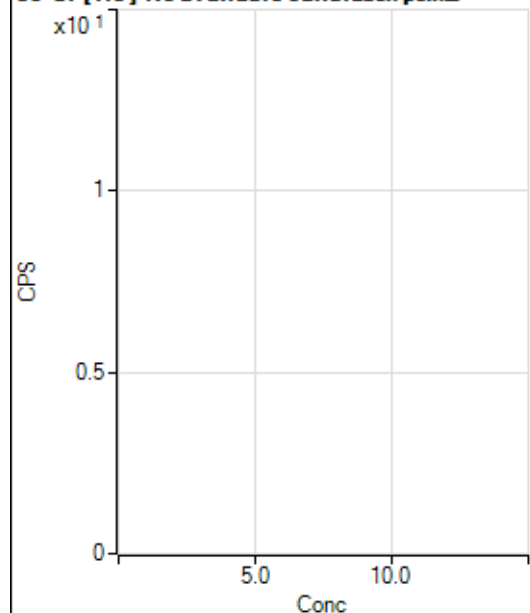
Weight: <None>

Min Conc: 0

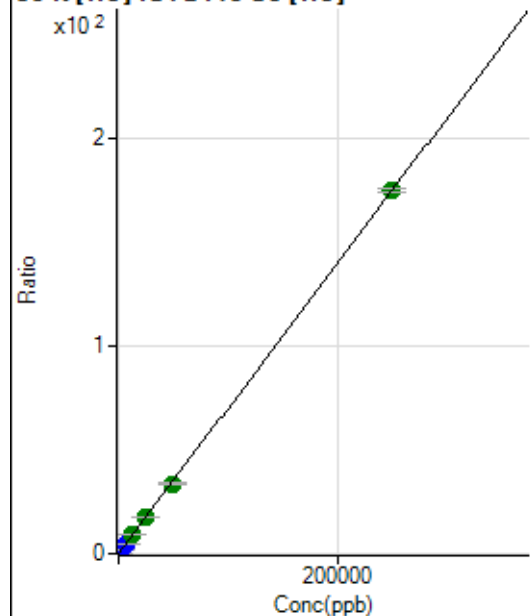
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1239722.16		A	2.6
2	☐			1191054.97		A	1.5
3	☐			1110984.51		P	1.4
4	☐			1052009.44		P	1.7
5	☐			1000171.69		P	1.5
6	☐			991280.26		P	0.5
7	☐			997948.89		P	1.0
8	☐			934550.33		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8441.53		P	0.8
2	☐			8388.75		P	5.6
3	☐			7735.62		P	2.0
4	☐			7188.10		P	3.3
5	☐			7143.65		P	5.1
6	☐			6729.54		P	1.9
7	☐			6723.98		P	1.1
8	☐			6676.71		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18720.90	0.0893	P	1.1
2	☐	500.000	499.013	95001.12	0.4380	P	0.6
3	☐	2500.000	2556.972	398262.98	1.8759	P	1.5
4	☐	6250.000	6465.679	957157.68	4.6070	P	2.5
5	☐	12500.000	12759.343	1907374.98	9.0045	A	0.5
6	☐	25000.000	25106.782	3811145.53	17.6319	A	1.1
7	☐	50000.000	48205.209	7702292.53	33.7713	A	1.5
8	☐	250000.00	250329.35	39247351.22	174.9996	A	1.0

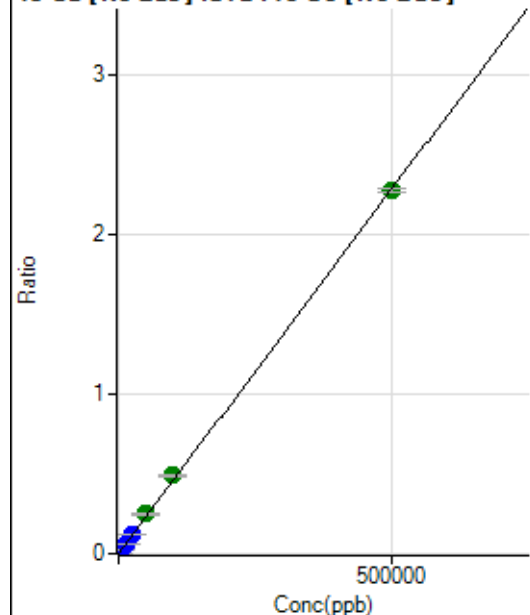
$$y = 6.9872E-004 * x + 0.0893$$

$$R = 1.0000$$

$$DL = 4.403$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	580.36	0.0001	P	7.2
2	☐	500.000	525.728	15742.89	0.0025	P	1.7
3	☐	5000.000	5326.715	153800.92	0.0244	P	2.3
4	☐	12500.000	13211.735	383121.26	0.0604	P	0.8
5	☐	25000.000	26253.573	769830.38	0.1200	P	1.9
6	☐	50000.000	54554.686	1600678.34	0.2492	A	2.3
7	☐	100000.00	107569.26	3260935.02	0.4913	A	3.3
8	☐	500000.00	497946.91	15084450.61	2.2737	A	1.1

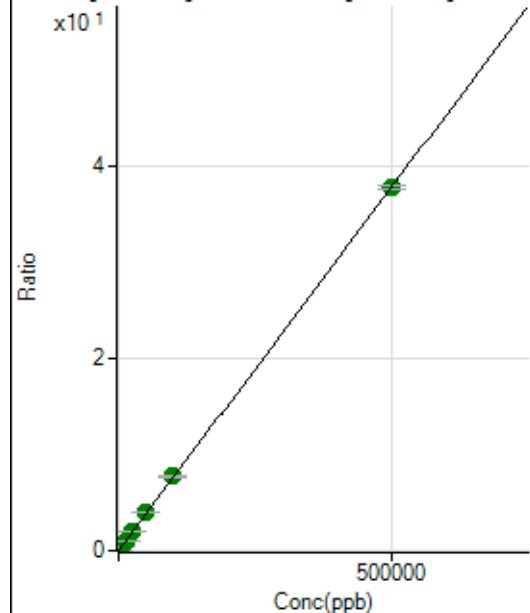
$$y = 4.5660\text{E-}006 * x + 9.2938\text{E-}005$$

$$R = 0.9999$$

$$DL = 4.386$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46996.80	0.0075	P	3.9
2	☐	500.000	511.711	292269.48	0.0463	P	0.7
3	☐	5000.000	5315.020	2583027.70	0.4100	A	2.1
4	☐	12500.000	13020.610	6299705.93	0.9935	A	2.3
5	☐	25000.000	25901.064	12639311.98	1.9689	A	1.1
6	☐	50000.000	52584.150	25628233.80	3.9895	A	1.7
7	☐	100000.00	102369.24	51510341.71	7.7595	A	1.8
8	☐	500000.00	499206.50	250839317.1	37.8099	A	1.2

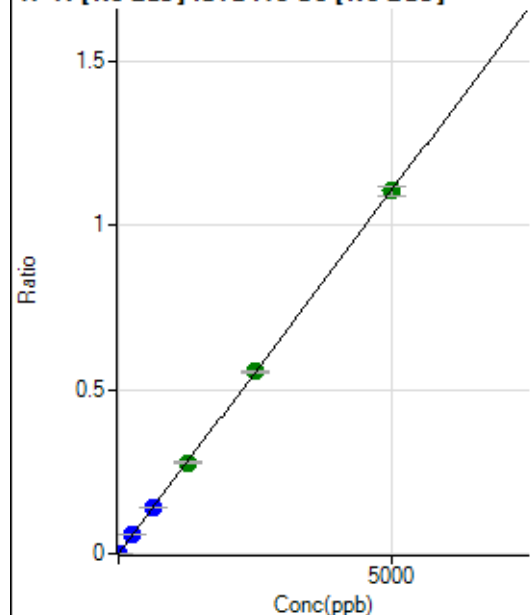
$$y = 7.5725\text{E-}005 * x + 0.0075$$

$$R = 1.0000$$

$$DL = 11.77$$

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	283.35	0.0000	P	6.3
2	☐	5.000	5.216	7579.96	0.0012	P	3.6
3	☐	250.000	254.783	355728.98	0.0565	P	2.7
4	☐	625.000	635.973	893421.54	0.1409	P	1.2
5	☐	1250.000	1255.433	1784146.50	0.2781	A	3.2
6	☐	2500.000	2503.527	3562271.83	0.5545	A	0.9
7	☐	5000.000	4995.267	7345073.69	1.1064	A	2.5
8	☐			1302.87	0.0002	P	8.5

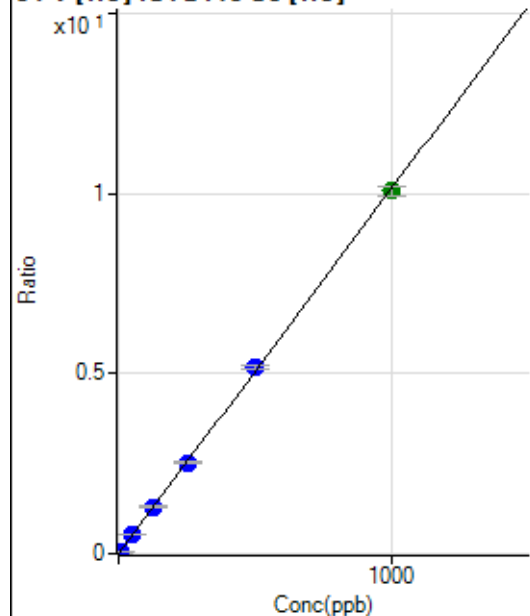
$$y = 2.2147E-004 * x + 4.5454E-005$$

$$R = 1.0000$$

$$DL = 0.0385$$

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	15.55	0.0001	P	44.7
2	☐	5.000	5.352	11796.05	0.0544	P	1.1
3	☐	50.000	50.780	109400.84	0.5153	P	1.0
4	☐	125.000	128.047	269878.33	1.2993	P	3.6
5	☐	250.000	249.989	537285.04	2.5365	P	0.8
6	☐	500.000	511.650	1122071.10	5.1915	P	1.5
7	☐	1000.000	993.756	2299345.31	10.0831	A	2.5
8	☐			380.01	0.0017	P	5.0

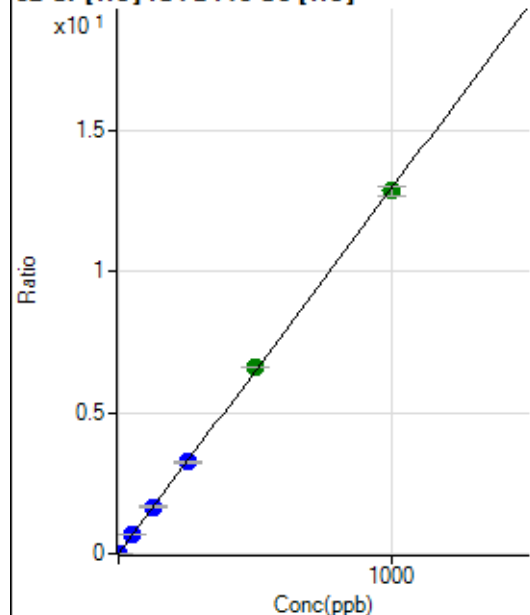
$$y = 0.0101 * x + 7.4234E-005$$

$$R = 0.9999$$

$$DL = 0.009809$$

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	1065.61	0.0051	P	0.1
2	☐	2.000	2.121	7054.02	0.0325	P	2.4
3	☐	50.000	50.479	139743.82	0.6582	P	1.2
4	☐	125.000	126.895	342074.26	1.6470	P	4.0
5	☐	250.000	250.323	687152.16	3.2440	P	0.5
6	☐	500.000	512.363	1434051.33	6.6345	A	0.3
7	☐	1000.000	993.477	2932498.05	12.8596	A	2.5
8	☐			9963.54	0.0444	P	0.8

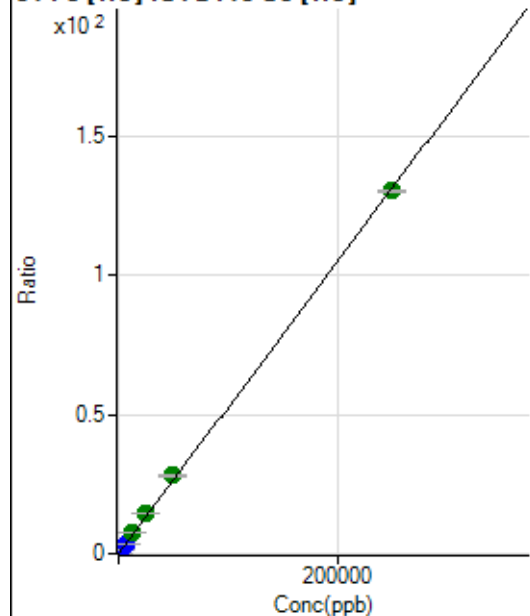
$$y = 0.0129 * x + 0.0051$$

$$R = 0.9999$$

$$DL = 0.001509$$

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	753.74	0.0036	P	4.1
2	☐	50.000	57.611	7326.10	0.0338	P	2.6
3	☐	2500.000	2774.333	309320.52	1.4570	P	1.2
4	☐	6250.000	6949.402	757012.09	3.6441	P	3.1
5	☐	12500.000	14235.393	1580312.84	7.4610	A	1.2
6	☐	25000.000	27920.787	3162342.17	14.6302	A	0.3
7	☐	50000.000	53820.859	6429726.47	28.1982	A	3.1
8	☐	250000.00	248836.75	29235715.24	130.3593	A	0.7

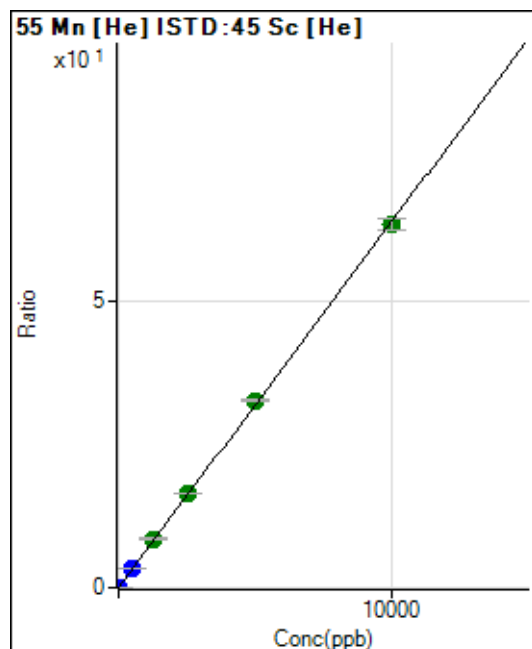
$$y = 5.2386E-004 * x + 0.0036$$

$$R = 0.9998$$

$$DL = 0.8357$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	145.56	0.0007	P	2.7
2	☐	1.000	1.021	1566.77	0.0072	P	10.1
3	☐	500.000	509.568	692106.69	3.2600	P	0.4
4	☐	1250.000	1331.549	1769055.98	8.5176	A	4.0
5	☐	2500.000	2574.837	3488344.91	16.4699	A	1.6
6	☐	5000.000	5103.955	7056552.53	32.6466	A	0.9
7	☐	10000.000	9918.641	14466054.79	63.4423	A	3.1
8	☐			17456.31	0.0778	P	0.9

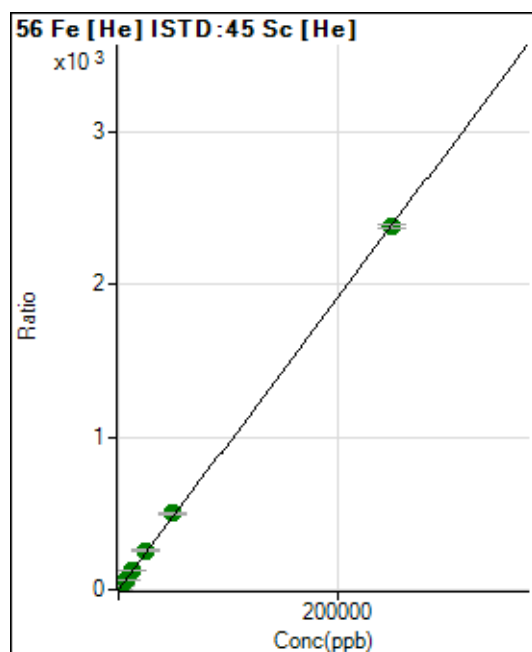
$$y = 0.0064 * x + 6.9415E-004$$

$$R = 0.9999$$

$$DL = 0.008661$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6612.76	0.0315	P	3.9
2	☐	50.000	56.686	124150.00	0.5724	P	2.0
3	☐	2500.000	2772.349	5622436.76	26.4828	A	2.0
4	☐	6250.000	7005.678	13893336.42	66.8734	A	2.8
5	☐	12500.000	13656.086	27605050.62	130.3257	A	1.2
6	☐	25000.000	27051.129	55794470.69	258.1292	A	1.5
7	☐	50000.000	52528.753	114285727.5	501.2139	A	3.1
8	☐	250000.00	249209.71	533256315.6	2,377.767	A	0.9

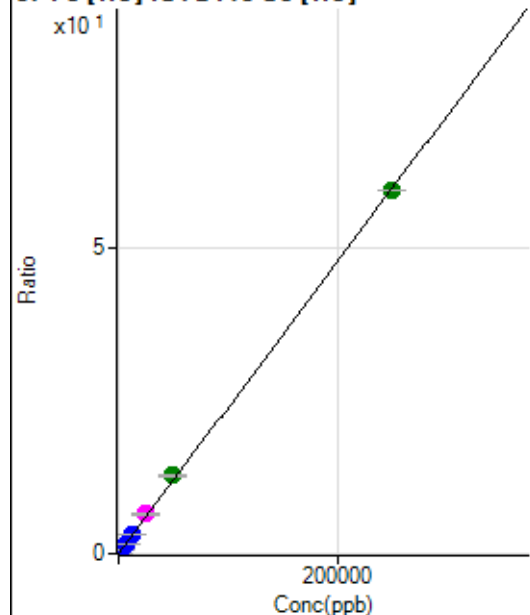
$$y = 0.0095 * x + 0.0315$$

$$R = 0.9999$$

$$DL = 0.3849$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.93	0.0008	P	23.7
2	☐	50.000	54.265	2996.66	0.0138	P	3.1
3	☐	2500.000	2749.026	139686.99	0.6580	P	0.9
4	☐	6250.000	6925.394	344006.63	1.6563	P	4.1
5	☐	12500.000	13466.076	682003.08	3.2197	P	0.9
6	☐	25000.000	27269.277	1409029.55	6.5192	M	3.2
7	☐	50000.000	53912.292	2939199.02	12.8879	A	1.9
8	☐	250000.00	248922.93	13344886.76	59.5029	A	0.1

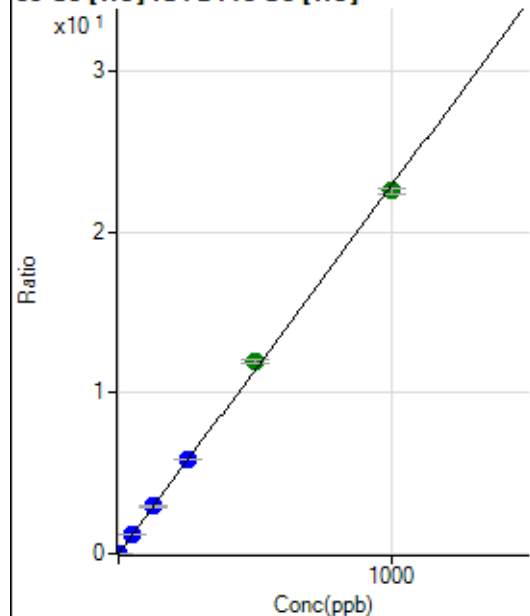
$$y = 2.3904\text{E-}004 * x + 8.4017\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.498$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	85.56	0.0004	P	2.4
2	☐	1.000	1.065	5366.62	0.0247	P	5.1
3	☐	50.000	51.795	251384.10	1.1841	P	0.6
4	☐	125.000	130.109	617713.64	2.9738	P	3.4
5	☐	250.000	255.032	1234637.74	5.8286	P	0.6
6	☐	500.000	524.260	2589567.34	11.9812	A	2.0
7	☐	1000.000	985.884	5139050.06	22.5306	A	1.8
8	☐			11584.81	0.0517	P	0.7

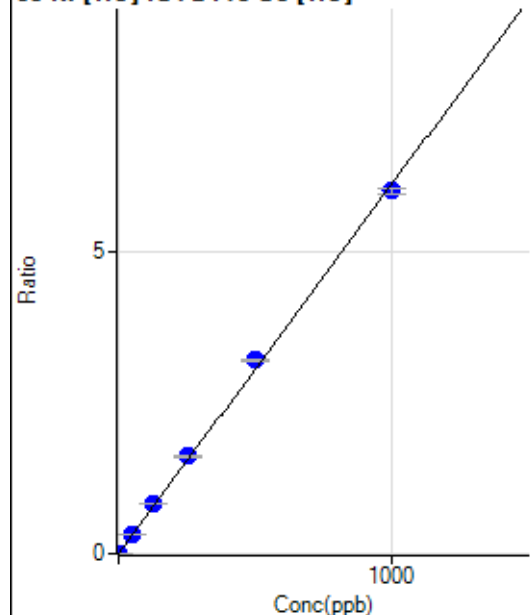
$$y = 0.0229 * x + 4.0810\text{E-}004$$

$$R = 0.9995$$

$$DL = 0.001295$$

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	138.89	0.0007	P	17.4
2	☐	1.000	1.188	1722.35	0.0079	P	0.5
3	☐	50.000	54.108	70491.28	0.3320	P	0.7
4	☐	125.000	135.600	172638.64	0.8311	P	3.4
5	☐	250.000	263.405	341843.78	1.6138	P	0.5
6	☐	500.000	523.941	693674.42	3.2094	P	1.4
7	☐	1000.000	983.148	1373357.92	6.0217	P	1.6
8	☐			5064.28	0.0226	P	2.9

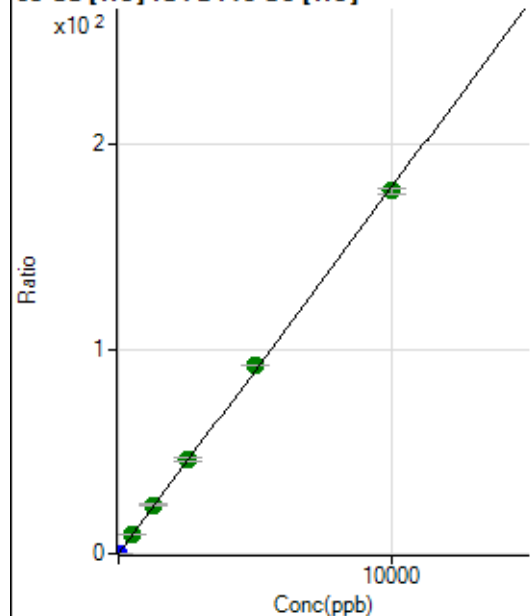
$$y = 0.0061 * x + 6.6288E-004$$

$$R = 0.9994$$

$$DL = 0.05662$$

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	931.15	0.0044	P	1.9
2	☐	2.000	1.940	8509.28	0.0392	P	3.1
3	☐	500.000	541.431	2062446.15	9.7147	A	0.3
4	☐	1250.000	1326.566	4942736.25	23.7956	A	3.7
5	☐	2500.000	2571.830	9769896.04	46.1287	A	2.1
6	☐	5000.000	5139.898	19925813.18	92.1855	A	0.7
7	☐	10000.000	9900.451	40497192.73	177.5633	A	1.6
8	☐			10727.48	0.0478	P	2.6

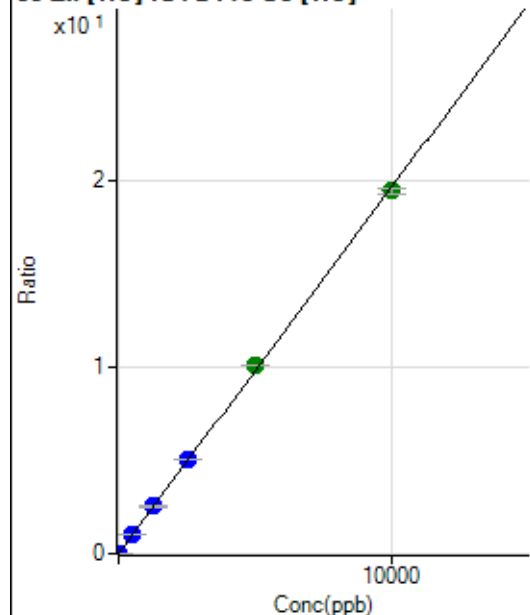
$$y = 0.0179 * x + 0.0044$$

$$R = 0.9998$$

$$DL = 0.01408$$

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	727.81	0.0035	P	13.4
2	☐	2.000	2.174	1680.12	0.0077	P	6.7
3	☐	500.000	528.087	221011.53	1.0410	P	1.7
4	☐	1250.000	1309.513	535078.13	2.5763	P	4.1
5	☐	2500.000	2564.734	1068040.71	5.0424	P	0.9
6	☐	5000.000	5140.363	2183749.76	10.1027	A	0.3
7	☐	10000.000	9904.792	4439080.84	19.4633	A	1.7
8	☐			10952.11	0.0488	P	3.3

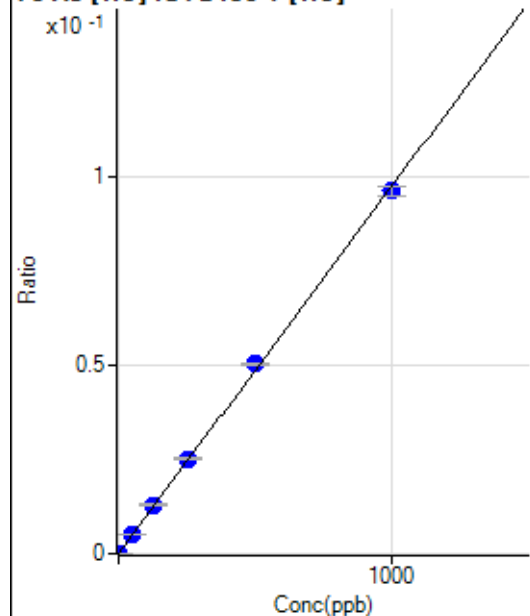
$$y = 0.0020 * x + 0.0035$$

$$R = 0.9998$$

$$DL = 0.7079$$

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	16.33	0.0000	P	16.2
2	☐	1.000	1.078	290.36	0.0001	P	1.9
3	☐	50.000	52.372	13020.96	0.0051	P	2.2
4	☐	125.000	133.384	32236.79	0.0130	P	4.5
5	☐	250.000	258.701	64017.67	0.0252	P	1.4
6	☐	500.000	516.406	131598.35	0.0503	P	1.3
7	☐	1000.000	988.455	264059.69	0.0963	P	2.7
8	☐			97.34	0.0000	P	17.8

$$y = 9.7404E-005 * x + 6.4682E-006$$

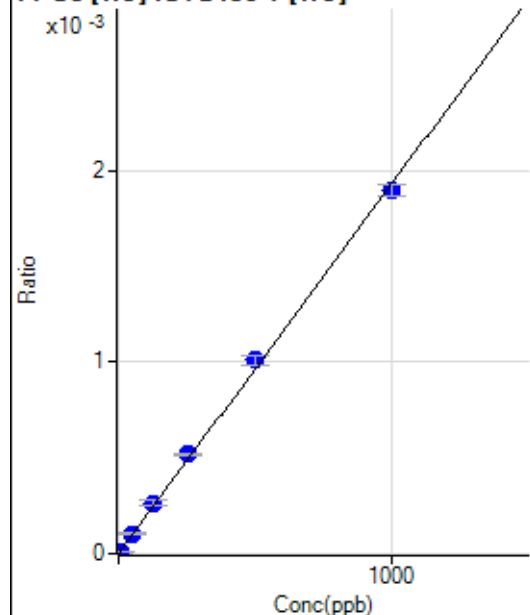
$$R = 0.9997$$

$$DL = 0.03228$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.077	26.67	0.0000	P	24.5
3	☐	50.000	53.290	263.34	0.0001	P	11.4
4	☐	125.000	136.617	654.47	0.0003	P	10.7
5	☐	250.000	268.075	1315.63	0.0005	P	2.8
6	☐	500.000	524.405	2649.16	0.0010	P	4.9
7	☐	1000.000	981.662	5198.79	0.0019	P	3.3
8	☐			1.11	0.0000	P	173.

$$y = 1.9309\text{E-}006 * x + 4.2956\text{E-}007$$

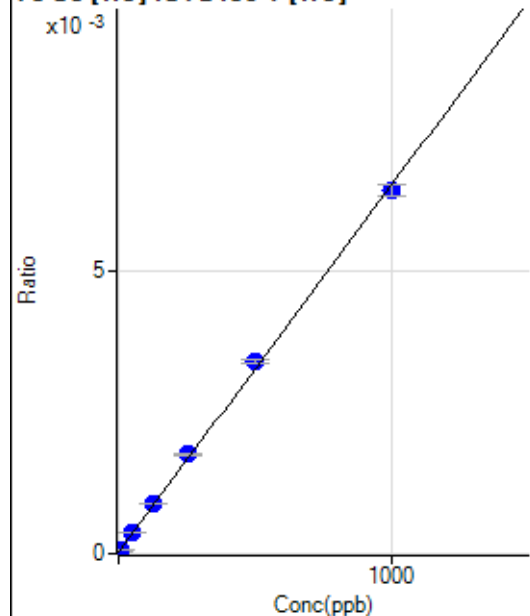
$$R = 0.9993$$

$$DL = 1.156$$

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	66.34	0.0000	P	14.2
2	☐	5.000	5.057	153.69	0.0001	P	1.1
3	☐	50.000	53.966	957.47	0.0004	P	4.1
4	☐	125.000	132.608	2195.07	0.0009	P	2.8
5	☐	250.000	265.806	4437.82	0.0017	P	2.0
6	☐	500.000	521.149	8895.04	0.0034	P	2.2
7	☐	1000.000	984.324	17545.65	0.0064	P	3.3
8	☐			79.68	0.0000	P	17.0

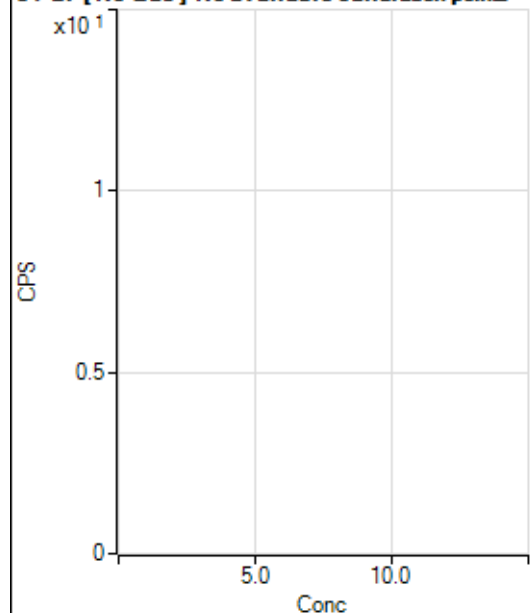
$$y = 6.4736\text{E-}006 * x + 2.6293\text{E-}005$$

$$R = 0.9995$$

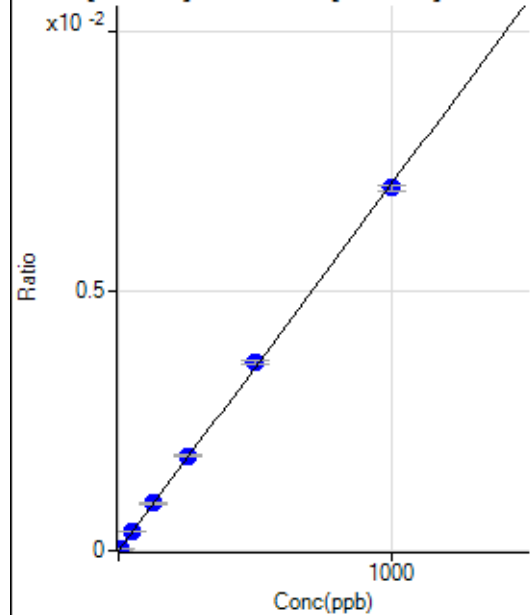
$$DL = 1.731$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18013.62		P	2.4
2	☐			17976.75		P	5.7
3	☐			17843.23		P	1.4
4	☐			17084.73		P	0.7
5	☐			17325.36		P	1.4
6	☐			17726.28		P	3.0
7	☐			18193.92		P	2.8
8	☐			18862.19		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-16.01	0.0000	P	-49.
2	☐	5.000	5.817	836.29	0.0000	P	18.4
3	☐	50.000	52.682	7583.39	0.0004	P	2.1
4	☐	125.000	128.839	18945.12	0.0009	P	0.9
5	☐	250.000	258.982	38198.57	0.0018	P	2.3
6	☐	500.000	515.605	76378.69	0.0036	P	1.8
7	☐	1000.000	989.334	153088.83	0.0070	P	1.6
8	☐			136.00	0.0000	P	41.1

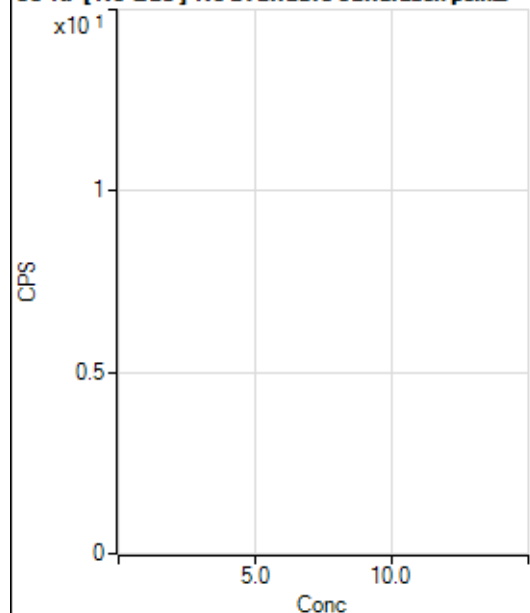
$$y = 7.0571E-006 * x - 7.7128E-007$$

$$R = 0.9998$$

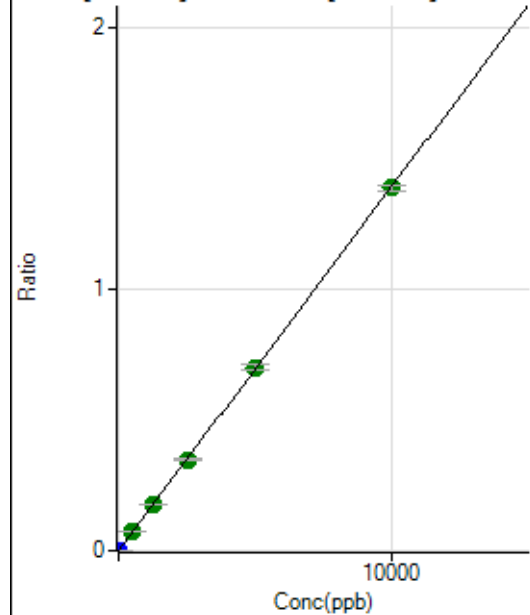
$$DL = 0.1614$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			908.93		P	1.2
2	☐			806.70		P	17.0
3	☐			871.15		P	5.4
4	☐			812.25		P	3.2
5	☐			882.26		P	3.3
6	☐			854.48		P	5.3
7	☐			892.26		P	4.9
8	☐			937.82		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1444.56	0.0001	P	7.5
2	☐	1.000	1.194	4878.78	0.0002	P	10.2
3	☐	500.000	523.182	1489445.19	0.0729	A	2.3
4	☐	1250.000	1268.753	3683737.49	0.1766	A	1.1
5	☐	2500.000	2508.516	7301069.17	0.3491	A	1.7
6	☐	5000.000	5045.693	14741405.19	0.7022	A	3.0
7	☐	10000.000	9971.522	30432656.93	1.3877	A	1.6
8	☐			23968.43	0.0011	P	5.5

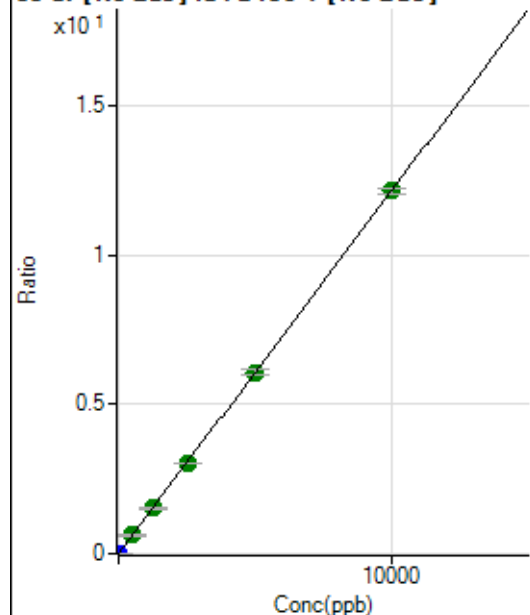
$$y = 1.3916E-004 * x + 6.9742E-005$$

$$R = 1.0000$$

$$DL = 0.1123$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	572.25	0.0000	P	6.6
2	☐	1.000	1.147	29423.28	0.0014	P	1.8
3	☐	500.000	503.865	12499296.98	0.6115	A	1.0
4	☐	1250.000	1252.889	31707386.47	1.5205	A	1.4
5	☐	2500.000	2482.304	63002283.35	3.0125	A	1.4
6	☐	5000.000	5006.861	127570011.1	6.0762	A	2.6
7	☐	10000.000	10000.439	266132794.8	12.1362	A	1.5
8	☐			194264.19	0.0090	P	0.4

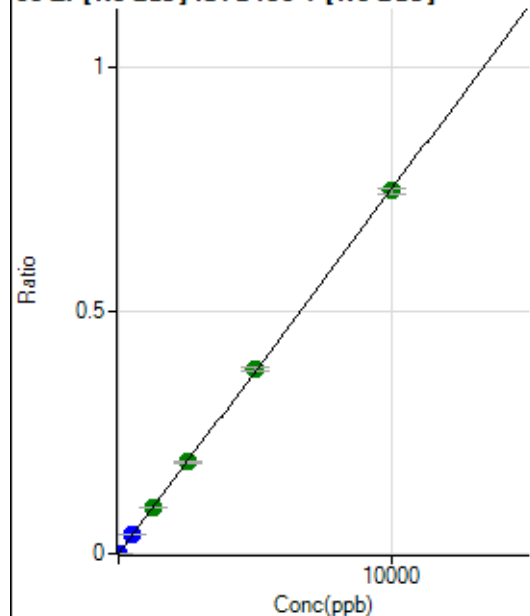
$$y = 0.0012 * x + 2.7641E-005$$

$$R = 1.0000$$

$$DL = 0.004494$$

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	791.71	0.0000	P	18.4
2	☐	1.000	10.535	17152.72	0.0008	P	1.8
3	☐	500.000	508.449	779626.41	0.0381	P	2.5
4	☐	1250.000	1279.241	2000388.39	0.0959	A	0.8
5	☐	2500.000	2523.258	3955027.82	0.1892	A	2.5
6	☐	5000.000	5072.720	7983488.72	0.3802	A	1.7
7	☐	10000.000	9953.747	16361384.22	0.7461	A	1.4
8	☐			8925.43	0.0004	P	4.8

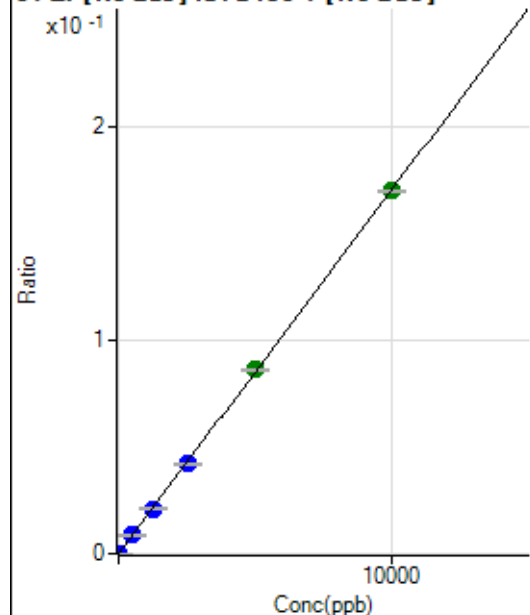
$$y = 7.4951E-005 * x + 3.8200E-005$$

$$R = 1.0000$$

$$DL = 0.281$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	47.8
2	☐	1.000	10.174	3733.96	0.0002	P	3.8
3	☐	500.000	504.235	175984.12	0.0086	P	1.2
4	☐	1250.000	1237.794	440530.47	0.0211	P	1.5
5	☐	2500.000	2468.676	880845.12	0.0421	P	2.0
6	☐	5000.000	5055.989	1811306.23	0.0863	A	1.5
7	☐	10000.000	9981.150	3735086.93	0.1703	A	0.8
8	☐			1941.86	0.0001	P	8.1

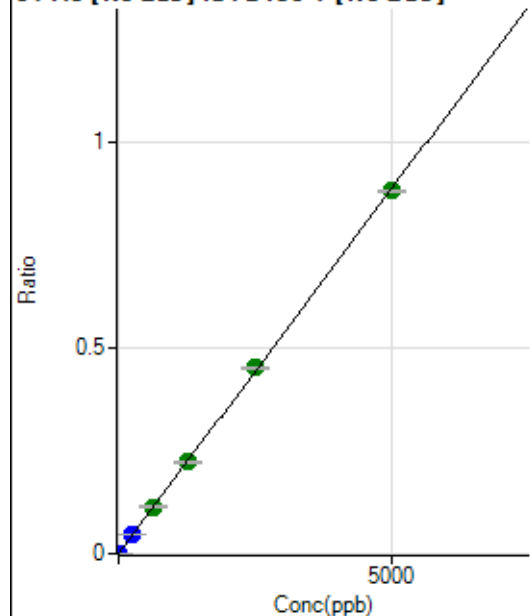
$$y = 1.7062E-005 * x + 6.6934E-006$$

$$R = 1.0000$$

$$DL = 0.563$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.90	0.0000	P	9.4
2	☐	5.000	5.503	20518.46	0.0010	P	3.7
3	☐	250.000	257.686	933971.25	0.0457	P	0.9
4	☐	625.000	642.092	2374077.88	0.1138	A	1.8
5	☐	1250.000	1260.501	4672173.33	0.2234	A	2.0
6	☐	2500.000	2543.625	9466771.31	0.4509	A	1.0
7	☐	5000.000	4973.041	19332571.09	0.8815	A	0.6
8	☐			10602.25	0.0005	P	45.8

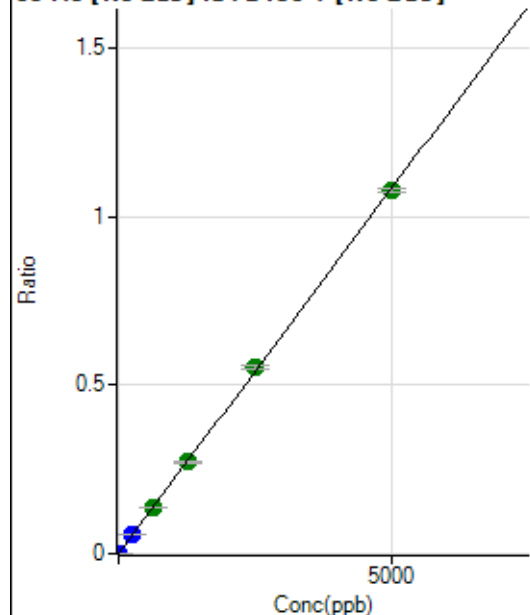
$$y = 1.7725E-004 * x + 1.5162E-005$$

$$R = 0.9999$$

$$DL = 0.02404$$

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	158.34	0.0000	P	42.3
2	☐	5.000	5.352	24210.46	0.0012	P	3.9
3	☐	250.000	256.941	1139737.78	0.0558	P	1.7
4	☐	625.000	629.499	2848945.55	0.1366	A	1.1
5	☐	1250.000	1256.705	5701451.52	0.2727	A	2.8
6	☐	2500.000	2559.604	11660661.89	0.5554	A	1.9
7	☐	5000.000	4967.612	23639760.95	1.0779	A	1.0
8	☐			7413.32	0.0003	P	4.5

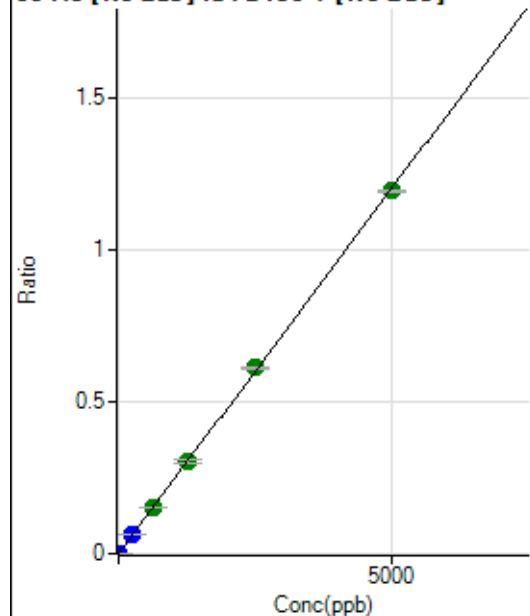
$$y = 2.1699\text{E-}004 * x + 7.6605\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0448$$

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	225.01	0.0000	P	29.3
2	☐	5.000	5.256	26389.59	0.0013	P	3.9
3	☐	250.000	254.776	1251902.07	0.0613	P	2.1
4	☐	625.000	628.640	3151504.58	0.1511	A	0.7
5	☐	1250.000	1265.356	6359386.08	0.3042	A	2.8
6	☐	2500.000	2548.177	12860886.31	0.6125	A	0.9
7	☐	5000.000	4971.379	26206078.71	1.1950	A	0.9
8	☐			17086.00	0.0008	P	3.0

$$y = 2.4037\text{E-}004 * x + 1.0863\text{E-}005$$

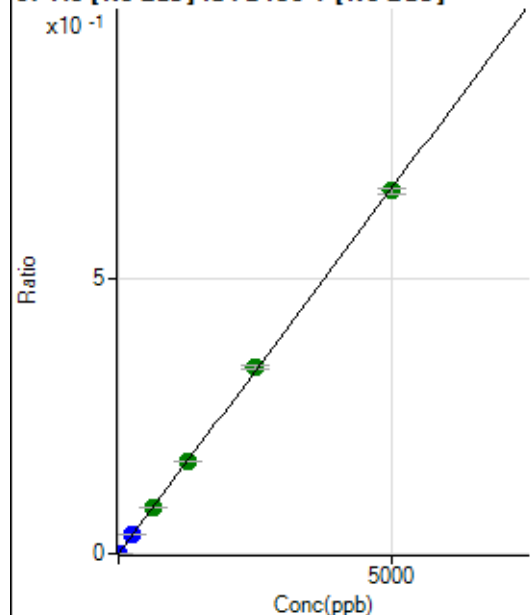
$$R = 0.9999$$

$$DL = 0.03969$$

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	72.22	0.0000	P	18.4
2	☐	5.000	5.392	14869.51	0.0007	P	1.5
3	☐	250.000	256.415	694386.10	0.0340	P	1.4
4	☐	625.000	634.244	1752352.99	0.0840	A	1.9
5	☐	1250.000	1264.651	3503364.31	0.1675	A	1.7
6	☐	2500.000	2556.397	7109906.84	0.3387	A	2.1
7	☐	5000.000	4966.662	14427888.51	0.6579	A	1.7
8	☐			4370.25	0.0002	P	8.3

$$y = 1.3247\text{E-}004 * x + 3.4921\text{E-}006$$

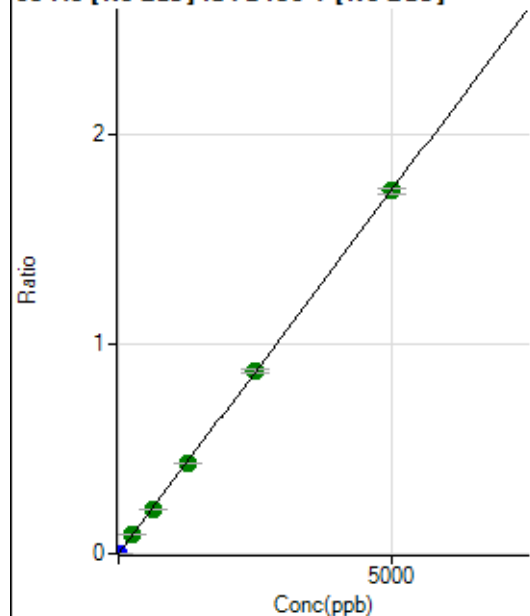
$$R = 0.9999$$

$$DL = 0.01454$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	34.0
2	☐	5.000	5.303	38164.29	0.0018	P	2.5
3	☐	250.000	252.635	1787604.03	0.0874	A	0.7
4	☐	625.000	618.397	4463987.03	0.2140	A	0.2
5	☐	1250.000	1244.380	9006330.06	0.4307	A	1.8
6	☐	2500.000	2521.341	18321866.73	0.8727	A	2.2
7	☐	5000.000	4991.428	37885281.05	1.7277	A	1.8
8	☐			10723.93	0.0005	P	2.2

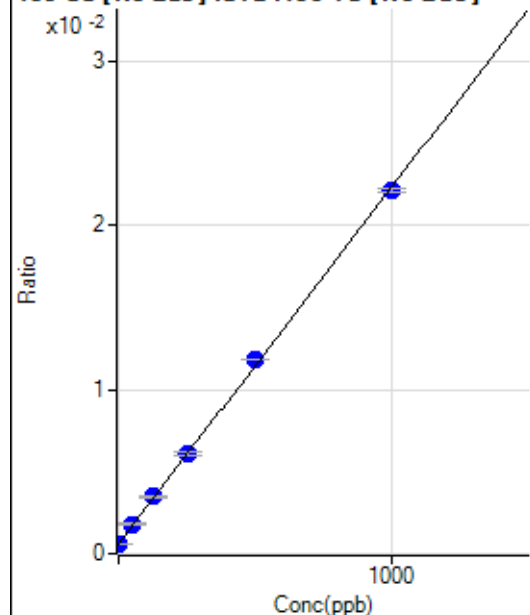
$$y = 3.4612\text{E-}004 * x + 6.5760\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01937$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5642.94	0.0006	P	4.4
2	☐	1.000	0.489	5820.81	0.0006	P	0.7
3	☐	50.000	53.297	16618.82	0.0018	P	6.6
4	☐	125.000	132.832	33199.00	0.0035	P	2.7
5	☐	250.000	252.337	60539.43	0.0061	P	2.8
6	☐	500.000	515.925	114589.05	0.0118	P	0.3
7	☐	1000.000	990.310	227317.17	0.0221	P	1.1
8	☐			5856.96	0.0006	P	1.5

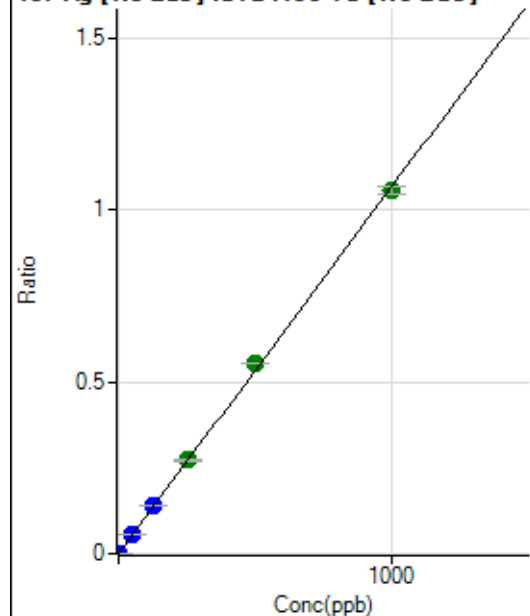
$$y = 2.1711\text{E-}005 * x + 6.0136\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.678$$

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	133.34	0.0000	P	11.3
2	☐	1.000	1.056	10857.38	0.0011	P	3.6
3	☐	50.000	52.746	532850.35	0.0564	P	3.7
4	☐	125.000	131.256	1335425.30	0.1402	P	2.4
5	☐	250.000	255.010	2713072.09	0.2724	A	0.7
6	☐	500.000	516.757	5359066.44	0.5520	A	0.1
7	☐	1000.000	989.450	10868117.43	1.0569	A	2.3
8	☐			3097.65	0.0003	P	8.1

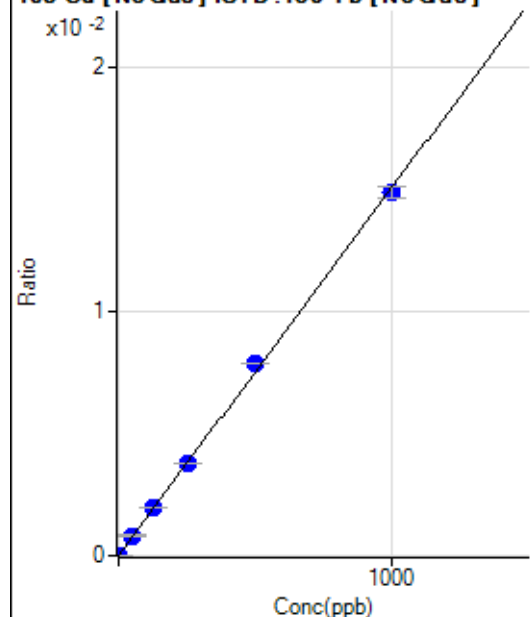
$$y = 0.0011 * x + 1.4215\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.004528$$

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	45.83	0.0000	P	24.7
2	☐	1.000	1.208	219.45	0.0000	P	13.2
3	☐	50.000	53.949	7717.52	0.0008	P	4.3
4	☐	125.000	130.076	18680.90	0.0020	P	1.9
5	☐	250.000	252.415	37863.20	0.0038	P	0.3
6	☐	500.000	522.871	76393.83	0.0079	P	0.7
7	☐	1000.000	987.129	152704.44	0.0149	P	3.3
8	☐			161.12	0.0000	P	8.5

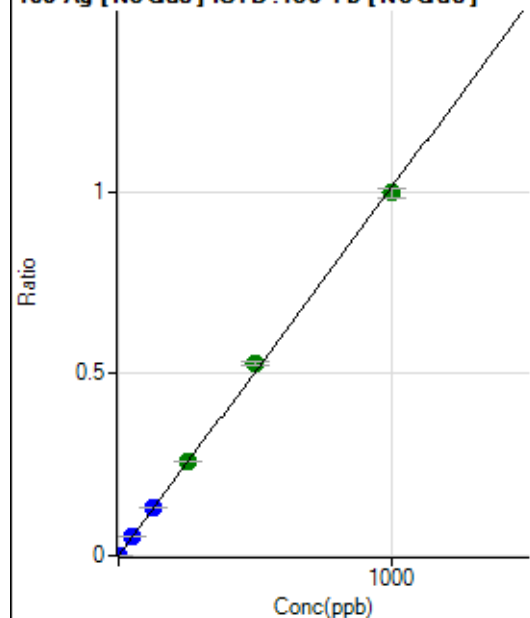
$$y = 1.5040\text{E-}005 * x + 4.8901\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.2412$$

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	91.67	0.0000	P	47.6
2	☐	1.000	1.093	10607.13	0.0011	P	0.6
3	☐	50.000	53.346	510252.48	0.0540	P	2.7
4	☐	125.000	132.123	1272904.71	0.1336	P	1.3
5	☐	250.000	257.680	2595482.11	0.2606	A	0.7
6	☐	500.000	522.497	5128766.65	0.5284	A	3.0
7	☐	1000.000	985.774	10250659.08	0.9969	A	2.7
8	☐			3072.65	0.0003	P	5.9

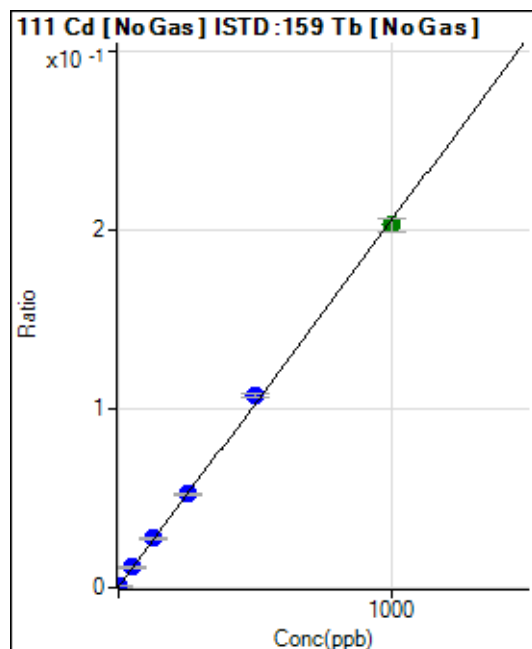
$$y = 0.0010 * x + 9.7603\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.01379$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3958.25	0.0004	P	4.4
2	☐	1.000	1.053	6068.37	0.0006	P	3.3
3	☐	50.000	53.401	107653.11	0.0114	P	1.5
4	☐	125.000	131.717	261488.85	0.0275	P	1.8
5	☐	250.000	252.638	520504.75	0.0523	P	2.5
6	☐	500.000	521.345	1042694.34	0.1074	P	1.9
7	☐	1000.000	987.658	2088326.46	0.2031	A	3.9
8	☐			4677.39	0.0005	P	1.1

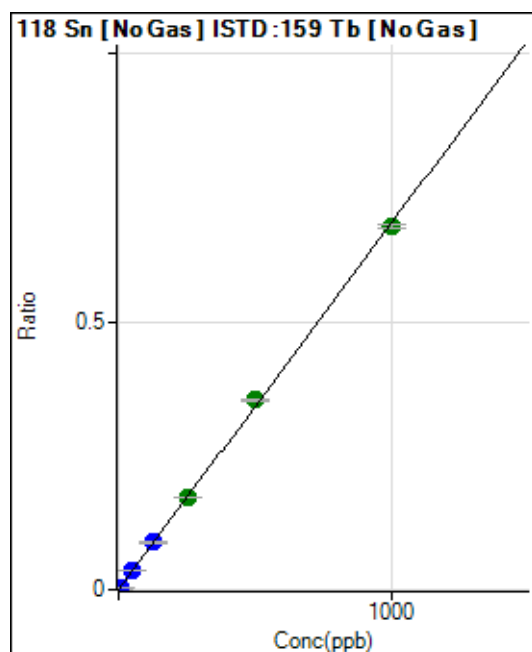
$$y = 2.0523\text{E-}004 * x + 4.2182\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.2718$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1086.19	0.0001	P	3.0
2	☐	5.000	5.293	35532.97	0.0037	P	0.6
3	☐	50.000	52.616	341407.81	0.0361	P	2.4
4	☐	125.000	128.422	837658.69	0.0879	P	2.0
5	☐	250.000	252.732	1722774.84	0.1730	A	0.5
6	☐	500.000	518.448	3443373.43	0.3547	A	0.8
7	☐	1000.000	989.533	6961198.42	0.6769	A	1.2
8	☐			3189.35	0.0003	P	6.2

$$y = 6.8392\text{E-}004 * x + 1.1575\text{E-}004$$

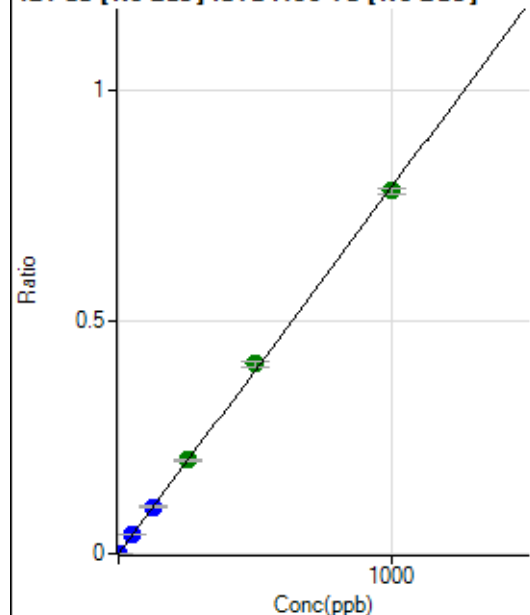
$$R = 0.9997$$

$$DL = 0.01505$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	39.2
2	☐	2.000	2.098	15851.22	0.0017	P	3.0
3	☐	50.000	50.924	380795.82	0.0403	P	2.8
4	☐	125.000	127.694	961652.37	0.1010	P	2.3
5	☐	250.000	254.720	2006030.25	0.2014	A	0.7
6	☐	500.000	517.390	3970495.14	0.4091	A	3.3
7	☐	1000.000	989.742	8047524.92	0.7825	A	1.3
8	☐			4837.09	0.0005	P	8.0

$$y = 7.9062E-004 * x + 7.9742E-006$$

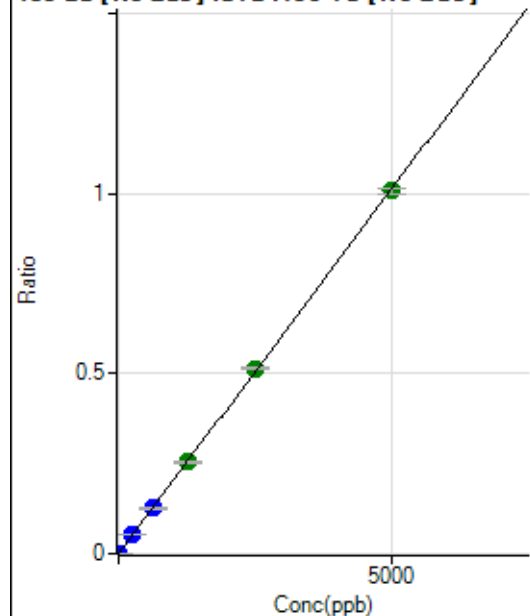
$$R = 0.9998$$

$$DL = 0.01188$$

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	47.22	0.0000	P	44.2
2	☐	10.000	10.626	20488.22	0.0022	P	3.1
3	☐	250.000	253.312	484516.42	0.0512	P	2.1
4	☐	625.000	626.721	1207117.03	0.1267	P	2.3
5	☐	1250.000	1253.612	2524467.70	0.2535	A	2.3
6	☐	2500.000	2543.397	4992556.23	0.5143	A	1.8
7	☐	5000.000	4977.016	10350317.42	1.0065	A	1.8
8	☐			4384.17	0.0004	P	2.2

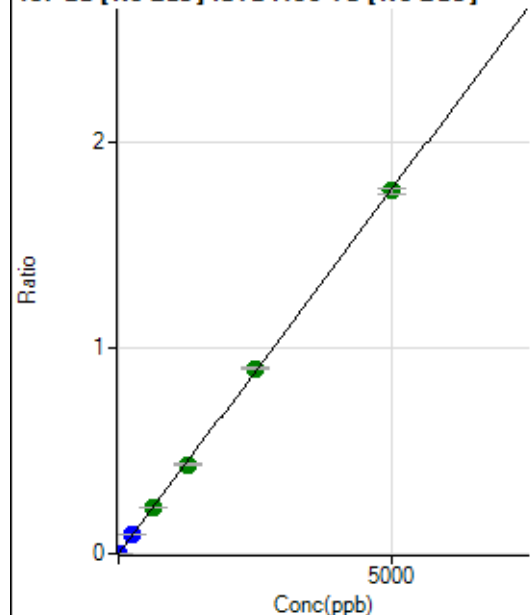
$$y = 2.0222E-004 * x + 5.0334E-006$$

$$R = 0.9999$$

$$DL = 0.03299$$

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	80.56	0.0000	P	27.0
2	☐	10.000	10.748	36257.66	0.0038	P	2.9
3	☐	250.000	256.596	858921.98	0.0908	P	1.9
4	☐	625.000	635.592	2142557.97	0.2249	A	1.4
5	☐	1250.000	1227.853	4327071.71	0.4345	A	2.3
6	☐	2500.000	2543.029	8736963.74	0.9000	A	0.8
7	☐	5000.000	4982.367	18133766.03	1.7632	A	1.4
8	☐			7046.48	0.0007	P	5.2

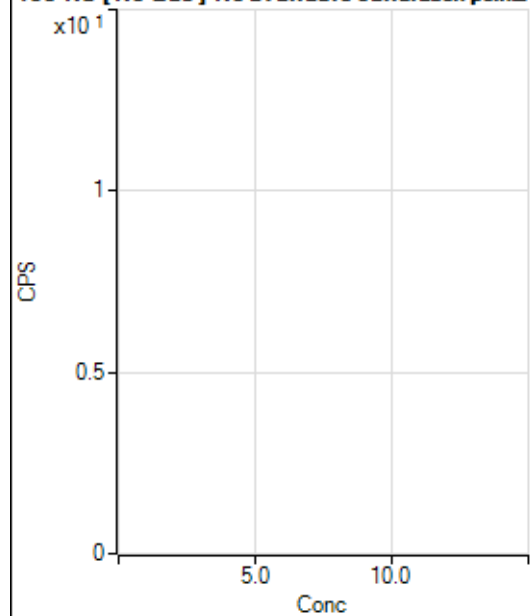
$$y = 3.5389\text{E-}004 * x + 8.6001\text{E-}006$$

$$R = 0.9999$$

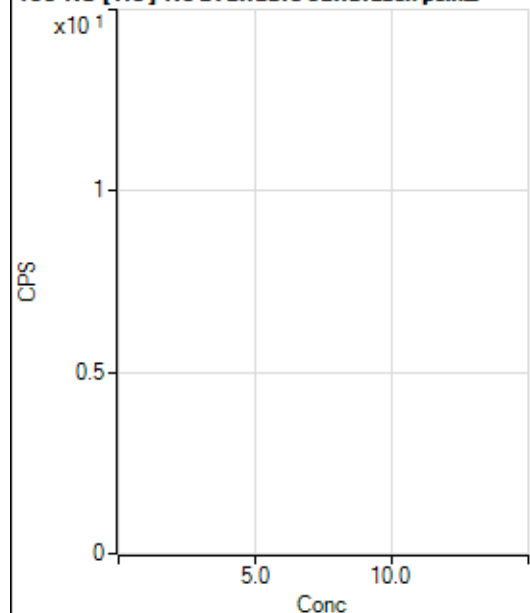
$$DL = 0.0197$$

Weight: <None>

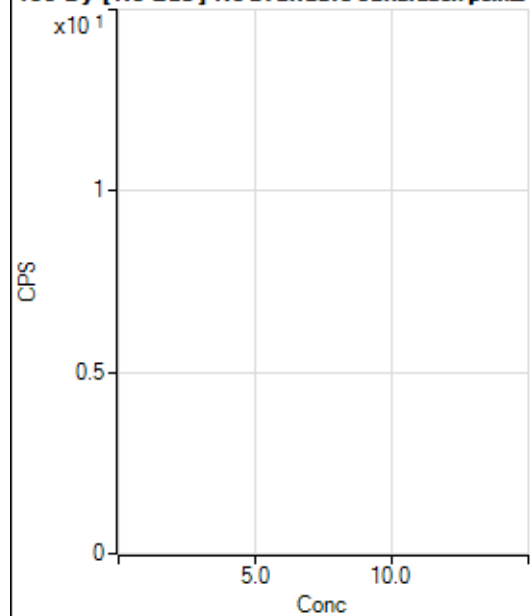
Min Conc: 0

150 Nd [No Gas] No available calibration points

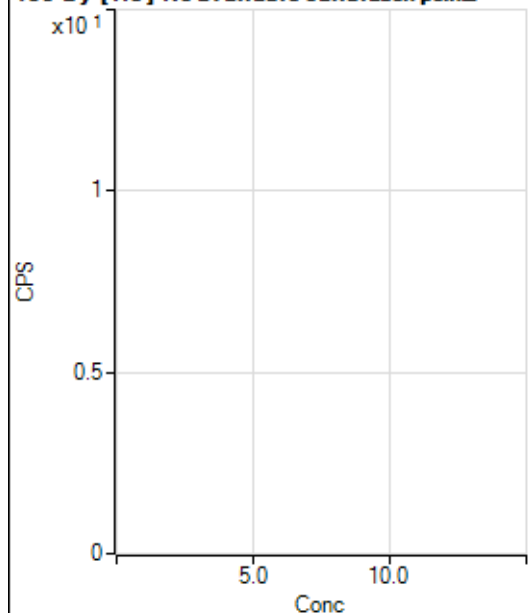
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			13.33		P	50.0
2	☐			4.45		P	86.6
3	☐			13.34		P	86.6
4	☐			64.45		P	26.0
5	☐			144.45		P	25.4
6	☐			220.01		P	22.9
7	☐			375.57		P	9.8
8	☐			82.22		P	32.8

150 Nd [He] No available calibration points

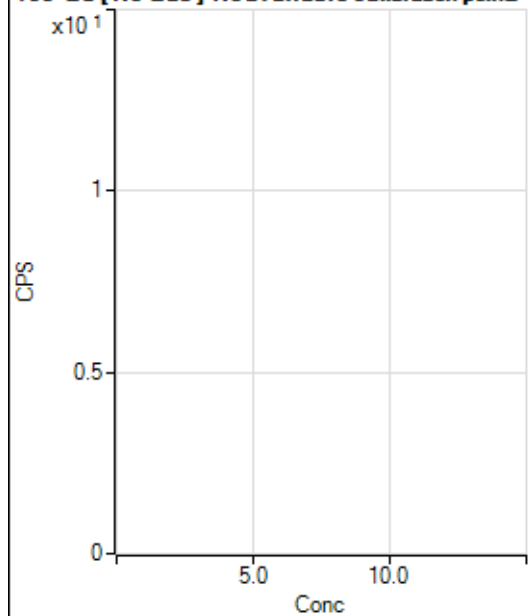
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			1.11		P	173.
4	☐			4.44		P	114.
5	☐			8.89		P	43.3
6	☐			17.78		P	71.0
7	☐			30.00		P	40.1
8	☐			37.78		P	18.4

156 Dy [No Gas] No available calibration points

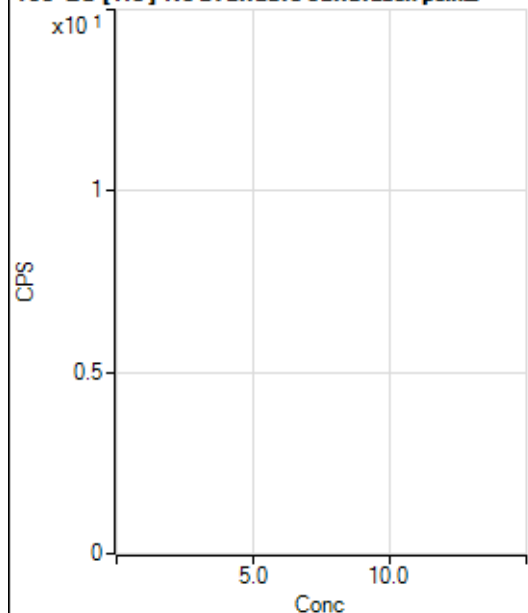
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			13.89		P	69.3
3	☐			27.78		P	69.3
4	☐			61.11		P	47.9
5	☐			102.78		P	12.4
6	☐			188.90		P	9.2
7	☐			400.02		P	5.5
8	☐			1369.55		P	9.9

156 Dy [He] No available calibration points

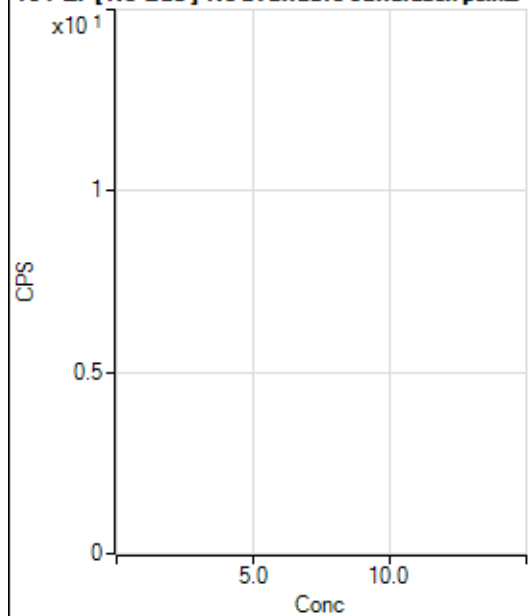
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			5.56		P	91.6
3	☐			11.11		P	69.3
4	☐			37.78		P	35.7
5	☐			58.89		P	31.2
6	☐			100.00		P	18.6
7	☐			162.22		P	14.0
8	☐			708.92		P	8.7

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

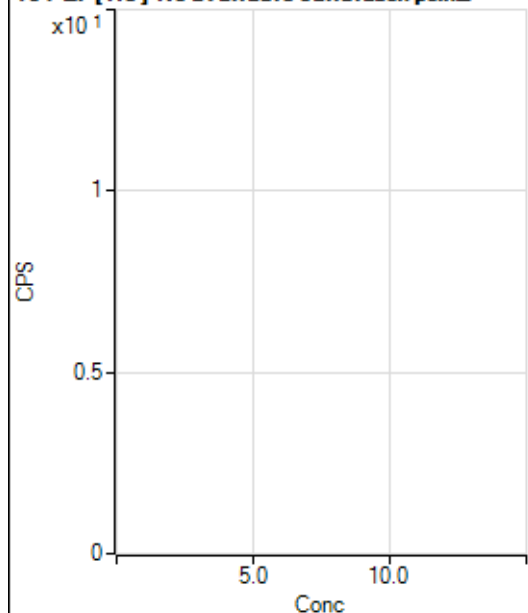
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	68.7
2	☐			83.34		P	40.0
3	☐			102.78		P	26.1
4	☐			83.34		P	43.6
5	☐			138.89		P	15.1
6	☐			194.45		P	12.4
7	☐			358.35		P	NaN
8	☐			1319.55		P	6.9

160 Gd [He] No available calibration points

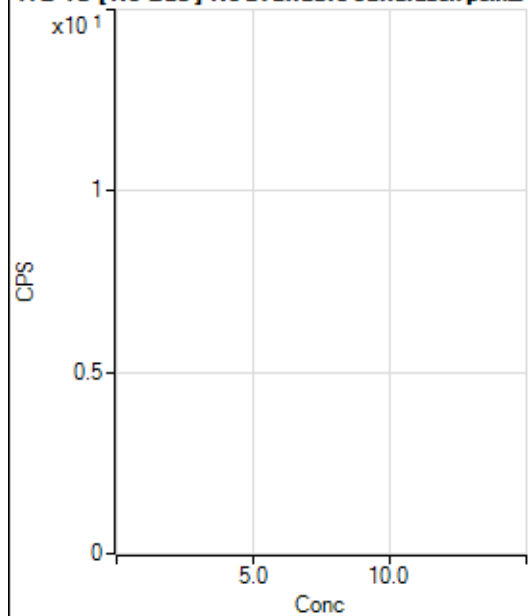
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	27.8
2	☐			50.00		P	23.1
3	☐			72.22		P	21.3
4	☐			90.00		P	7.4
5	☐			108.89		P	4.7
6	☐			162.23		P	7.8
7	☐			244.45		P	12.4
8	☐			813.37		P	2.9

164 Er [No Gas] No available calibration points

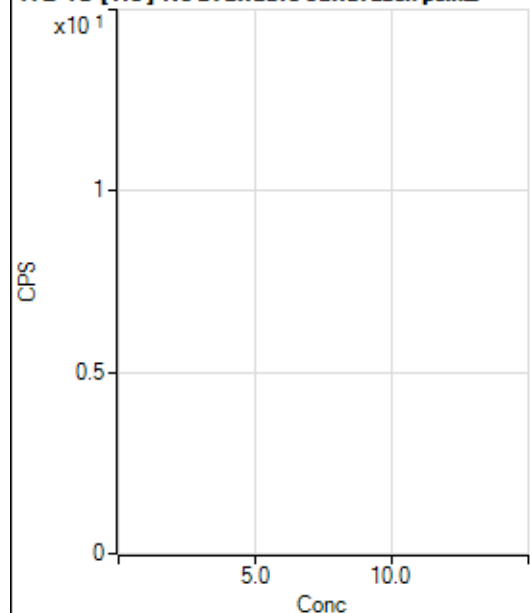
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐			58.33		P	28.6
3	☐			61.11		P	20.8
4	☐			72.22		P	43.7
5	☐			75.00		P	19.3
6	☐			77.78		P	22.3
7	☐			133.34		P	16.5
8	☐			283.34		P	5.9

164 Er [He] No available calibration points

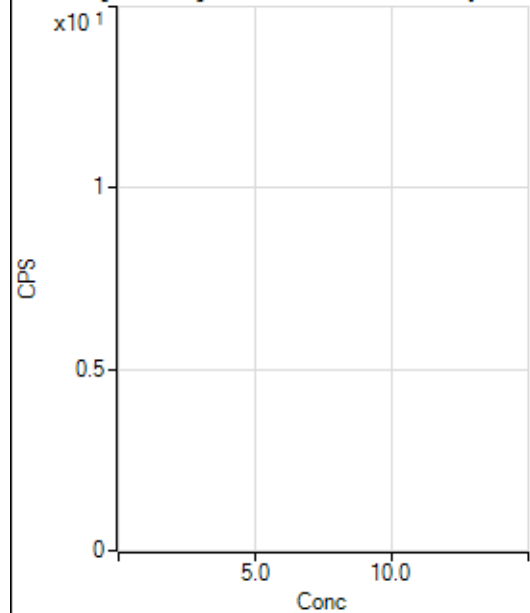
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	14.8
2	☐			26.67		P	12.5
3	☐			35.56		P	23.6
4	☐			26.67		P	82.0
5	☐			44.45		P	8.7
6	☐			46.67		P	31.1
7	☐			65.55		P	16.3
8	☐			133.34		P	7.5

172 Yb [No Gas] No available calibration points

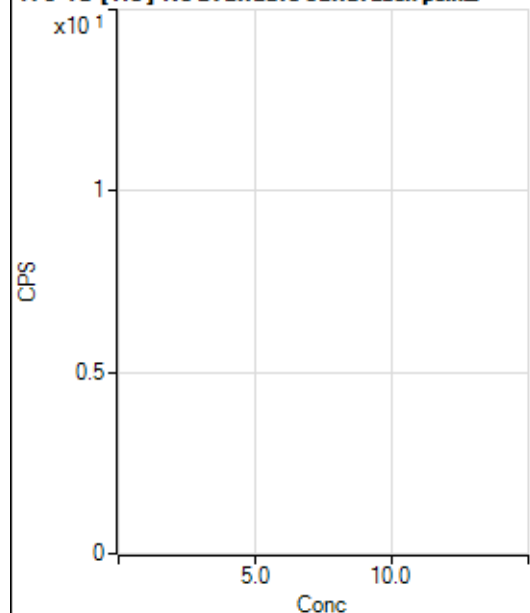
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			22.22		P	21.6
3	☐			19.44		P	137.
4	☐			19.44		P	49.5
5	☐			33.33		P	25.0
6	☐			47.22		P	40.8
7	☐			52.78		P	32.9
8	☐			133.34		P	10.8

172 Yb [He] No available calibration points

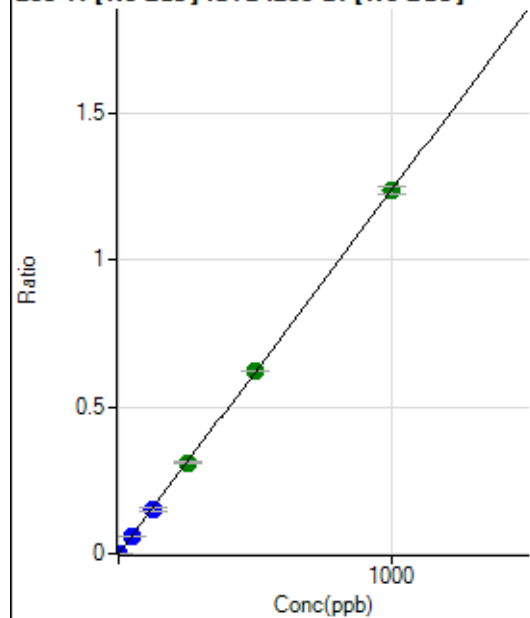
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	114.
2	☐			11.11		P	50.0
3	☐			11.11		P	86.6
4	☐			9.26		P	124.
5	☐			20.37		P	56.8
6	☐			37.04		P	8.7
7	☐			24.07		P	58.1
8	☐			94.45		P	32.8

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1255.66		P	19.0
2	☐			1180.65		P	4.7
3	☐			2511.41		P	2.8
4	☐			4528.68		P	2.1
5	☐			8052.66		P	1.9
6	☐			15323.15		P	0.3
7	☐			29578.30		P	1.9
8	☐			1400.11		P	14.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3441.25		P	5.7
2	☐			3376.43		P	2.1
3	☐			3921.03		P	2.0
4	☐			5032.53		P	5.2
5	☐			6987.16		P	3.1
6	☐			11379.13		P	4.1
7	☐			20022.82		P	1.3
8	☐			2987.43		P	8.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	563.92	0.0001	P	7.5
2	☐	1.000	1.003	7271.67	0.0013	P	2.6
3	☐	50.000	49.219	320305.19	0.0610	P	3.0
4	☐	125.000	121.754	809021.26	0.1508	P	4.5
5	☐	250.000	249.553	1692768.91	0.3090	A	2.1
6	☐	500.000	503.901	3421199.25	0.6238	A	0.6
7	☐	1000.000	998.606	6821801.11	1.2362	A	2.2
8	☐			1697.39	0.0003	P	9.6

$$y = 0.0012 * x + 1.0688E-004$$

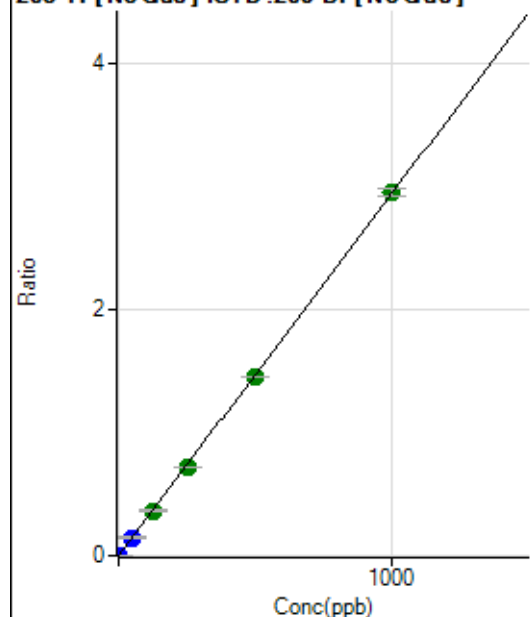
$$R = 1.0000$$

$$DL = 0.01937$$

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	1263.99	0.0002	P	12.8
2	☐	1.000	1.010	17270.25	0.0032	P	3.4
3	☐	50.000	49.450	762632.04	0.1454	P	4.9
4	☐	125.000	124.631	1963383.51	0.3661	A	5.2
5	☐	250.000	245.846	3954424.52	0.7218	A	1.1
6	☐	500.000	495.798	7982049.57	1.4555	A	0.5
7	☐	1000.000	1003.213	16251077.45	2.9448	A	2.2
8	☐			4228.60	0.0008	P	2.4

$$y = 0.0029 * x + 2.3968E-004$$

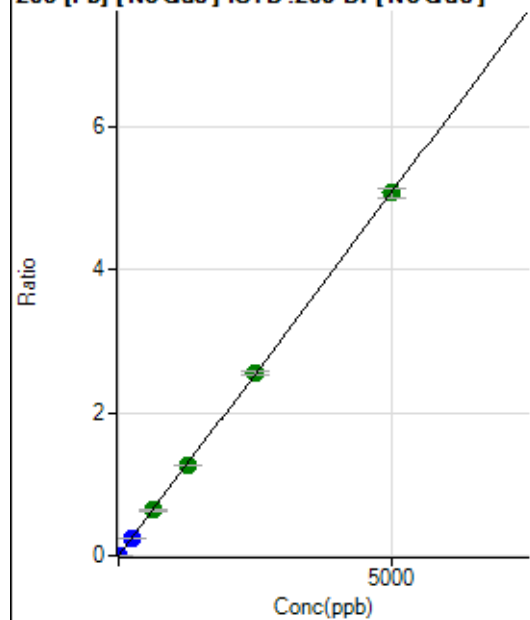
$$R = 1.0000$$

$$DL = 0.03138$$

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	1313.06	0.0002	P	0.6
2	☐	1.000	1.028	6974.23	0.0013	P	3.5
3	☐	250.000	242.091	1292305.97	0.2463	P	4.5
4	☐	625.000	623.459	3401663.45	0.6340	A	3.6
5	☐	1250.000	1242.515	6920747.49	1.2632	A	0.6
6	☐	2500.000	2518.005	14036990.36	2.5597	A	1.4
7	☐	5000.000	4993.457	28011511.04	5.0760	A	2.4
8	☐			10671.25	0.0021	P	1.5

$$y = 0.0010 * x + 2.4880E-004$$

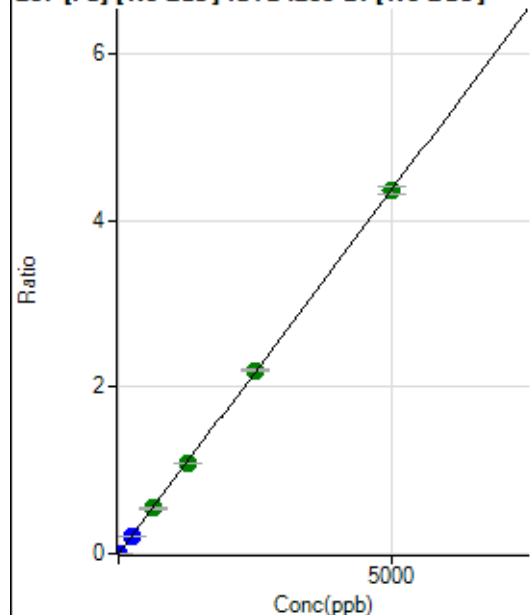
$$R = 1.0000$$

$$DL = 0.004448$$

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	1185.26	0.0002	P	3.5
2	☐	1.000	0.965	5743.98	0.0011	P	4.1
3	☐	250.000	246.496	1129056.06	0.2151	P	2.7
4	☐	625.000	626.771	2932595.18	0.5466	A	3.9
5	☐	1250.000	1242.247	5933480.75	1.0831	A	1.3
6	☐	2500.000	2523.900	12066416.24	2.2004	A	1.4
7	☐	5000.000	4989.942	24006638.96	4.3501	A	2.1
8	☐			9092.25	0.0018	P	2.0

$$y = 8.7173E-004 * x + 2.2455E-004$$

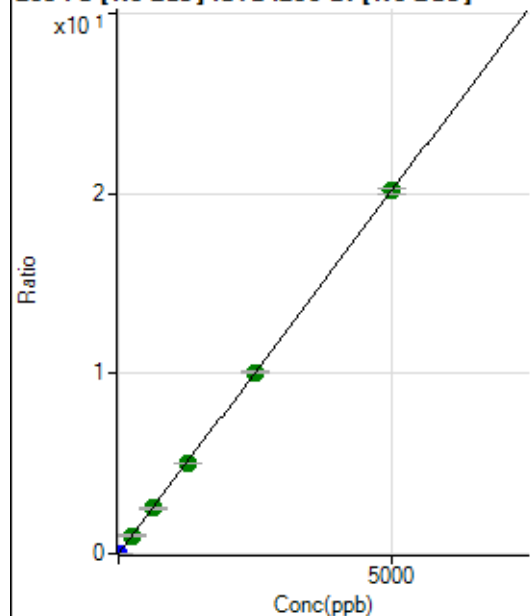
$$R = 1.0000$$

$$DL = 0.02721$$

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	5204.21	0.0010	P	2.5
2	☐	1.000	1.005	27146.81	0.0050	P	2.0
3	☐	250.000	250.628	5304472.92	1.0106	A	2.8
4	☐	625.000	625.074	13519221.23	2.5191	A	2.7
5	☐	1250.000	1242.720	27429844.42	5.0073	A	1.3
6	☐	2500.000	2501.612	55269602.39	10.0787	A	1.2
7	☐	5000.000	5000.973	111193607.3	20.1473	A	1.4
8	☐			42708.21	0.0084	P	0.3

$$y = 0.0040 * x + 9.8625E-004$$

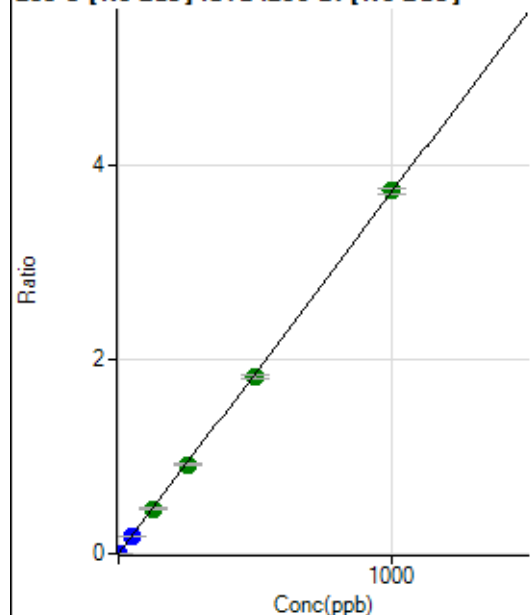
$$R = 1.0000$$

$$DL = 0.01836$$

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	19.44	0.0000	P	49.3
2	☐	1.000	0.988	19857.76	0.0037	P	6.2
3	☐	50.000	47.909	936989.43	0.1785	P	3.0
4	☐	125.000	124.516	2490797.21	0.4640	A	1.5
5	☐	250.000	246.849	5038989.70	0.9199	A	1.6
6	☐	500.000	492.047	10055418.54	1.8336	A	2.1
7	☐	1000.000	1004.929	20666562.44	3.7448	A	1.4
8	☐			2191.93	0.0004	P	12.8

$$y = 0.0037 * x + 3.6807E-006$$

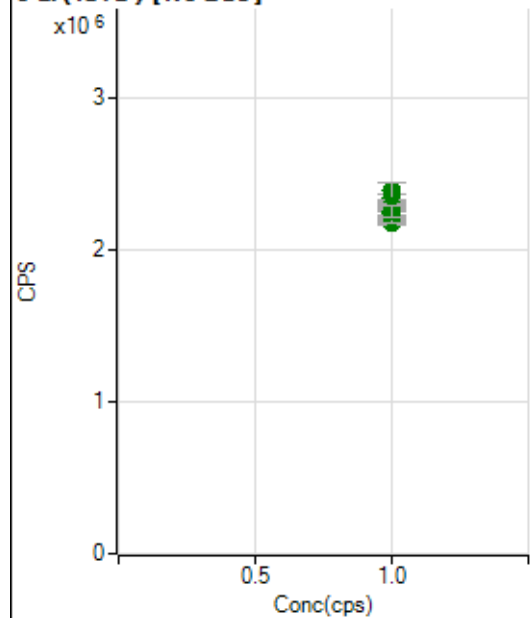
$$R = 0.9999$$

$$DL = 0.001462$$

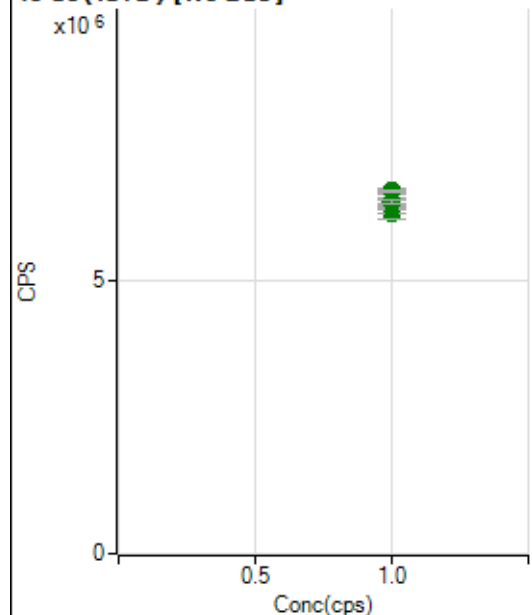
Weight: <None>

Min Conc: 0

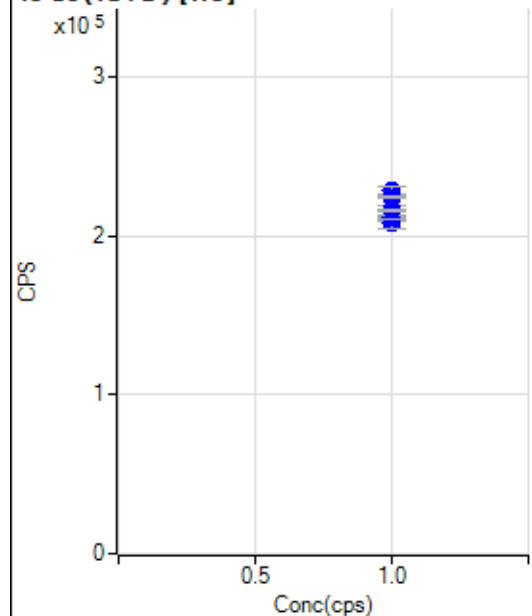
6 Li (ISTD) [No Gas]



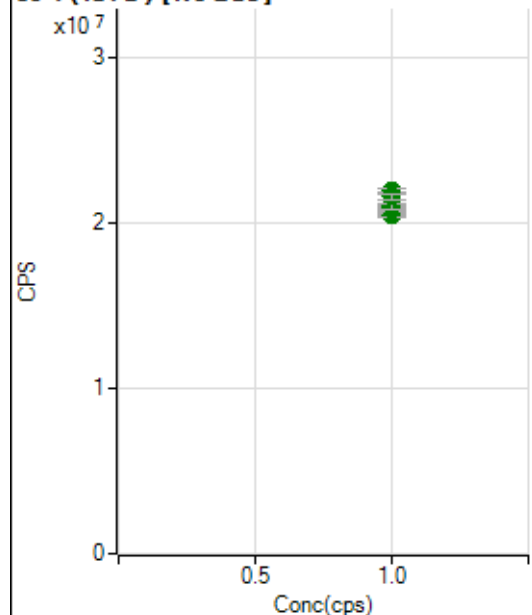
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2172266.13		A	0.8
2	☐	1.000		2242681.52		A	1.7
3	☐	1.000		2235826.72		A	3.7
4	☐	1.000		2332329.24		A	2.2
5	☐	1.000		2383244.55		A	4.7
6	☐	1.000		2211596.81		A	3.0
7	☐	1.000		2289099.94		A	0.7
8	☐	1.000		2249560.66		A	3.0

45 Sc (ISTD) [No Gas]

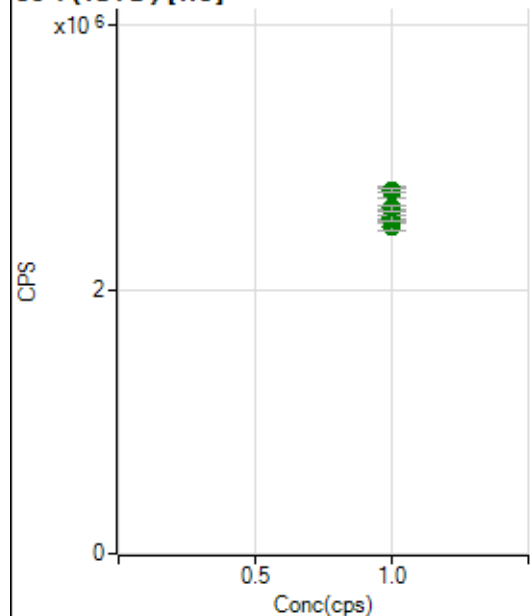
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6236328.52		A	3.1
2	☐	1.000		6313832.75		A	0.6
3	☐	1.000		6301907.96		A	2.6
4	☐	1.000		6341481.16		A	1.0
5	☐	1.000		6418891.92		A	2.4
6	☐	1.000		6424533.79		A	1.1
7	☐	1.000		6639414.69		A	1.3
8	☐	1.000		6634366.85		A	0.3

45 Sc (ISTD) [He]

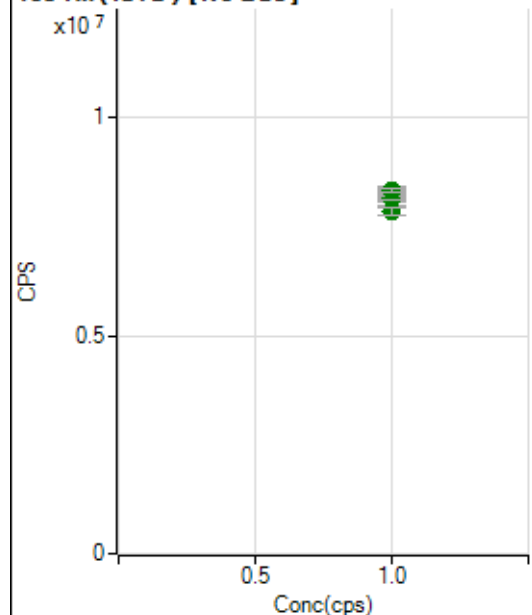
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		209658.04		P	0.9
2	☐	1.000		216924.29		P	1.3
3	☐	1.000		212302.49		P	0.3
4	☐	1.000		207865.63		P	3.1
5	☐	1.000		211830.45		P	1.3
6	☐	1.000		216153.00		P	0.7
7	☐	1.000		228121.48		P	2.2
8	☐	1.000		224273.54		P	0.5

89 Y (ISTD) [No Gas]

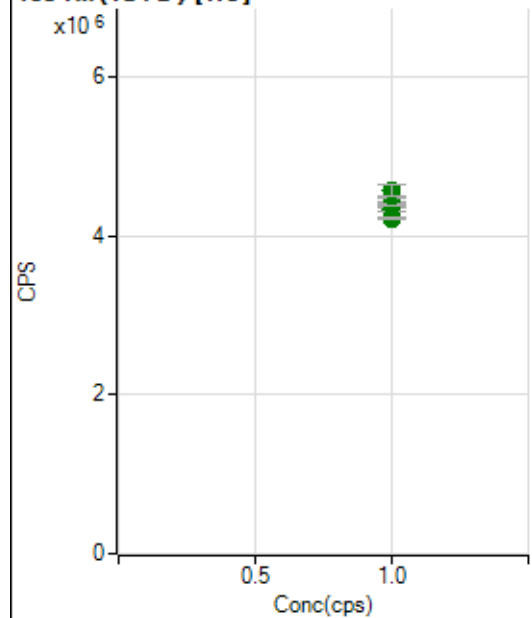
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20703553.30		A	0.9
2	☐	1.000		20722297.19		A	2.5
3	☐	1.000		20442264.83		A	1.4
4	☐	1.000		20855046.36		A	0.9
5	☐	1.000		20915094.27		A	2.0
6	☐	1.000		20997773.85		A	1.3
7	☐	1.000		21931459.95		A	1.2
8	☐	1.000		21589773.57		A	1.9

89 Y (ISTD) [He]

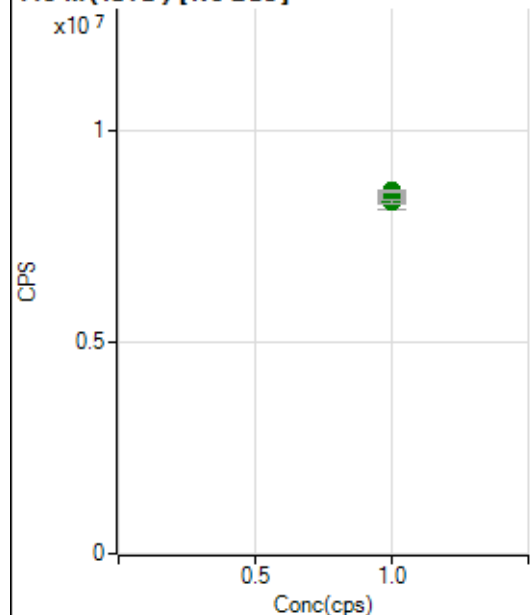
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2528205.38		A	2.2
2	☐	1.000		2603674.44		A	0.6
3	☐	1.000		2549645.88		A	1.4
4	☐	1.000		2482261.39		A	3.0
5	☐	1.000		2540301.71		A	1.8
6	☐	1.000		2616231.33		A	1.3
7	☐	1.000		2744008.85		A	3.1
8	☐	1.000		2747493.54		A	0.9

103 Rh (ISTD) [No Gas]

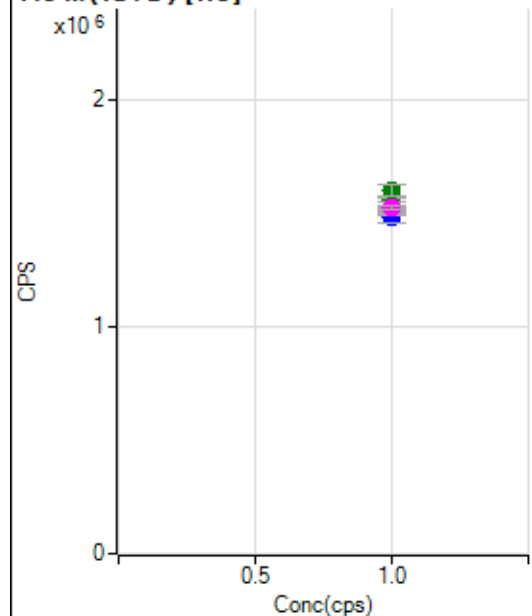
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8260517.98		A	1.0
2	☐	1.000		8248234.56		A	4.3
3	☐	1.000		8170477.61		A	4.2
4	☐	1.000		8185094.54		A	1.1
5	☐	1.000		8308789.94		A	1.3
6	☐	1.000		8165993.24		A	1.3
7	☐	1.000		8316195.41		A	1.1
8	☐	1.000		7854886.29		A	2.3

103 Rh (ISTD) [He]

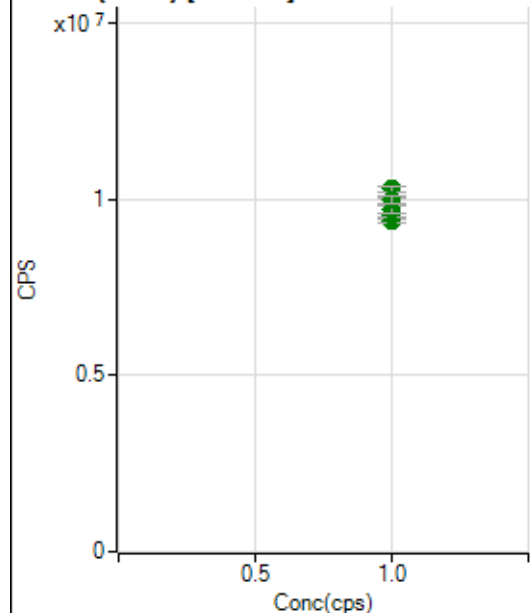
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4402509.76		A	1.5
2	☐	1.000		4488022.54		A	0.5
3	☐	1.000		4400170.18		A	1.4
4	☐	1.000		4334464.62		A	1.4
5	☐	1.000		4382486.57		A	0.8
6	☐	1.000		4487410.04		A	0.8
7	☐	1.000		4562065.28		A	3.1
8	☐	1.000		4219372.02		A	0.6

115 In (ISTD) [No Gas]

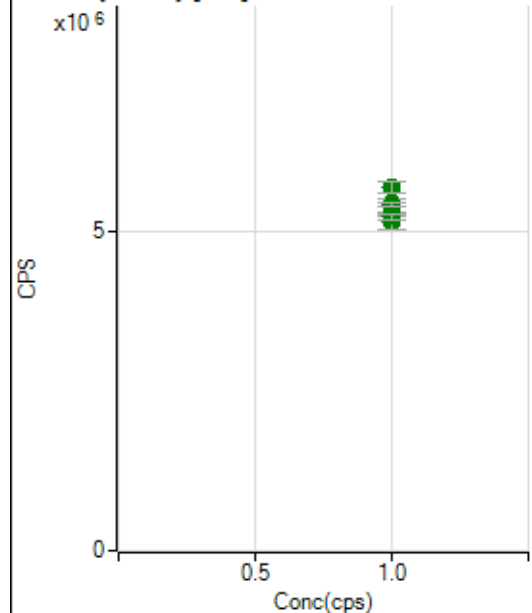
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8435332.05		A	2.1
2	☐	1.000		8309022.14		A	3.7
3	☐	1.000		8381181.46		A	1.5
4	☐	1.000		8373809.78		A	1.7
5	☐	1.000		8418665.68		A	3.6
6	☐	1.000		8368471.08		A	1.1
7	☐	1.000		8583202.57		A	0.4
8	☐	1.000		8332534.92		A	1.0

115 In (ISTD) [He]

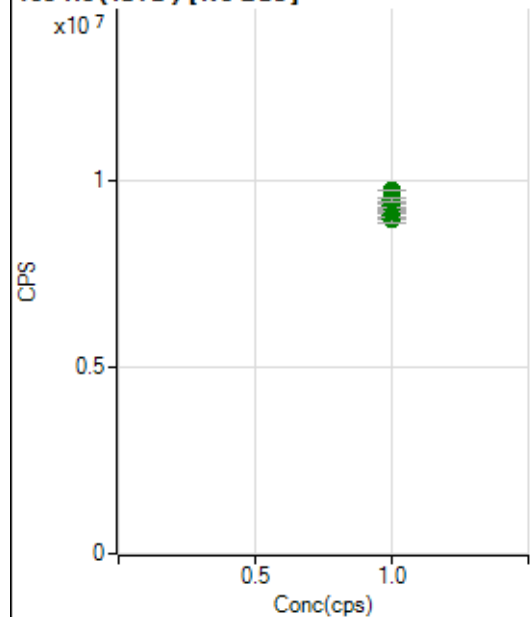
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502482.11		P	0.3
2	☐	1.000		1570577.94		A	0.7
3	☐	1.000		1515135.70		P	0.9
4	☐	1.000		1478969.91		P	3.0
5	☐	1.000		1495726.92		P	1.0
6	☐	1.000		1558183.18		A	1.0
7	☐	1.000		1597719.30		A	3.3
8	☐	1.000		1523327.55		M	1.1

159 Tb (ISTD) [No Gas]

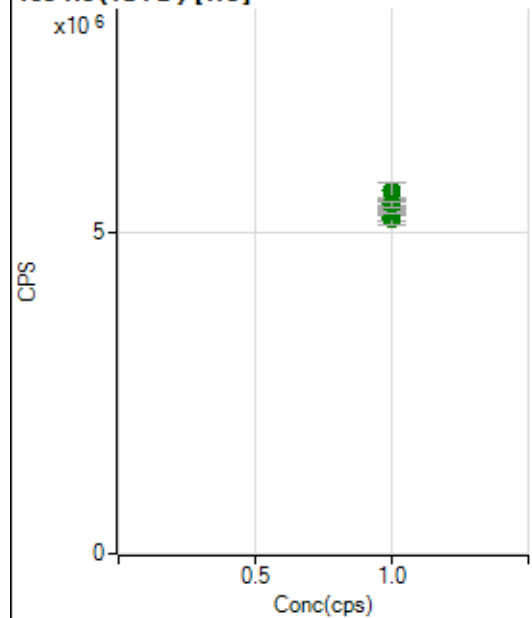
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9383908.12		A	1.2
2	☐	1.000		9511615.14		A	1.4
3	☐	1.000		9460922.71		A	2.6
4	☐	1.000		9526151.25		A	1.3
5	☐	1.000		9960792.49		A	1.9
6	☐	1.000		9708896.31		A	1.8
7	☐	1.000		10285647.70		A	1.7
8	☐	1.000		9988341.80		A	2.1

159 Tb (ISTD) [He]

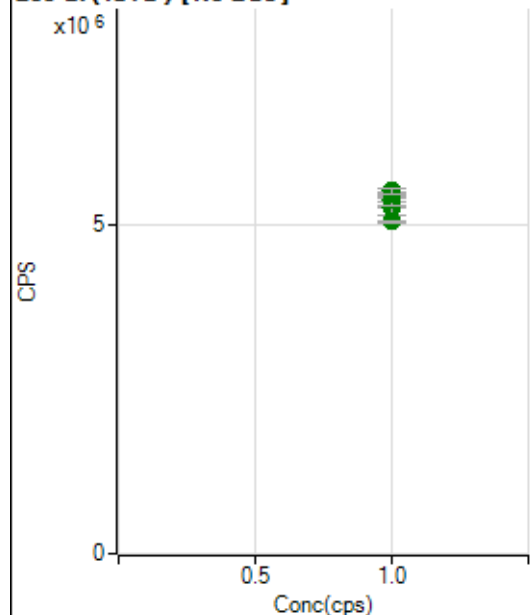
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5215725.13		A	1.9
2	☐	1.000		5259850.17		A	0.9
3	☐	1.000		5249363.33		A	0.8
4	☐	1.000		5133393.71		A	4.8
5	☐	1.000		5214946.45		A	1.6
6	☐	1.000		5439513.39		A	2.0
7	☐	1.000		5668423.39		A	3.0
8	☐	1.000		5414202.59		A	1.0

165 Ho (ISTD) [No Gas]

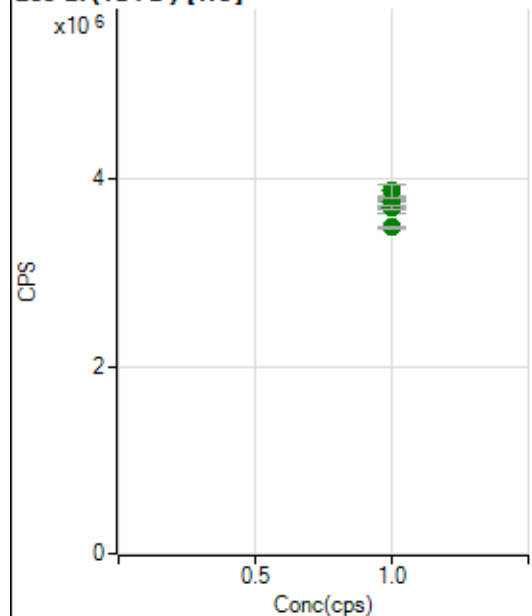
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9063573.38		A	2.1
2	☐	1.000		9057749.24		A	1.1
3	☐	1.000		8924930.32		A	1.7
4	☐	1.000		9175561.06		A	0.3
5	☐	1.000		9317441.96		A	1.4
6	☐	1.000		9319292.92		A	1.4
7	☐	1.000		9703423.74		A	0.1
8	☐	1.000		9481697.17		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5234927.84		A	1.5
2	☐	1.000		5390390.96		A	1.6
3	☐	1.000		5362683.60		A	0.7
4	☐	1.000		5232551.10		A	3.4
5	☐	1.000		5324182.66		A	0.6
6	☐	1.000		5519643.04		A	0.6
7	☐	1.000		5659072.83		A	4.9
8	☐	1.000		5445171.66		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5277487.73		A	0.9
2	☐	1.000		5395126.94		A	3.6
3	☐	1.000		5252223.15		A	3.9
4	☐	1.000		5369458.22		A	3.2
5	☐	1.000		5479149.16		A	2.4
6	☐	1.000		5484113.46		A	0.7
7	☐	1.000		5519489.29		A	1.5
8	☐	1.000		5054281.84		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3717331.16		A	1.9
2	☐	1.000		3807714.46		A	0.4
3	☐	1.000		3763876.30		A	1.0
4	☐	1.000		3693559.25		A	3.1
5	☐	1.000		3752719.63		A	3.1
6	☐	1.000		3695576.33		A	1.3
7	☐	1.000		3871250.81		A	3.5
8	☐	1.000		3478554.01		A	0.9

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101121 MS.b
Acq. Date-Time 2021-10-11 13:47:52
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		11695	116951.38			0.900	5.000
24		104092	1040924.64			1.242	5.000
25		13731	137305.15			0.382	5.000
26		16011	160105.58			0.720	5.000
59		30172	301722.28			1.035	5.000
113		12879	128792.70			1.135	5.000
115		40878	408781.25			0.895	5.000
206		16502	165018.08			1.102	5.000
207		13742	137416.91			1.312	5.000
208		33933	339334.56			0.933	5.000
220		1	6.60			21.694	

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

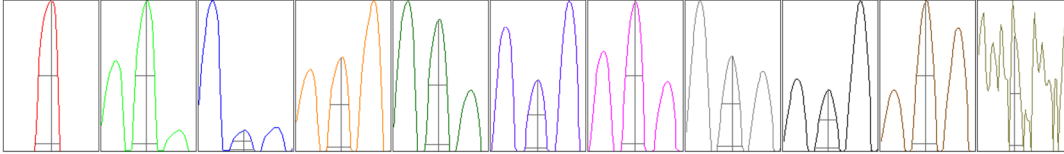
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	11753	11802	11711	11524	11685
24	103741	102683	103612	104255	106171
25	13703	13796	13709	13670	13773
26	15948	16106	16055	15839	16105
59	30079	30244	30218	29728	30593
113	12860	12911	12995	12638	12991
115	41156	41078	41094	40275	40788
206	16227	16631	16504	16451	16695
207	13566	13696	13807	13618	14020
208	33538	33947	33996	33786	34401

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	20011.88	9.05	8.90 - 9.10	
24	181974.84	23.95	23.90 - 24.10	
25	24401.84	24.95	24.90 - 25.10	
26	27940.33	25.95	25.90 - 26.10	
59	55405.28	58.95	58.90 - 59.10	
113	25127.45	113.00	112.90 - 113.10	
115	79596.57	115.00	114.90 - 115.10	
206	30582.33	206.00	205.90 - 206.10	
207	26082.06	206.95	206.90 - 207.10	
208	63851.77	207.95	207.90 - 208.10	
220	0.95	219.70	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.777	0.900	
24	0.61	0.783	0.900	
25	0.59	0.776	0.900	
26	0.61	0.741	0.900	
59	0.58	0.768	0.900	
113	0.54	0.692	0.900	
115	0.54	0.728	0.900	
206	0.56	0.783	0.900	
207	0.55	0.779	0.900	
208	0.55	0.782	0.900	
220	0.32	0.439		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.1 V	Deflect	15.4 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.9 mm
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EM

Discriminator	3.9 mV	Analog HV	2264 V	Pulse HV	1546 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7031	70305.96			1.745	
89		21118	211179.33			1.666	
205		17269	172690.35			1.805	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7011	6830	7127	7130	7056
89	21054	20532	21402	21291	21311
205	17149	16774	17432	17510	17480

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.1 V	Deflect	5.4 V
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US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.9 mm		
EM					
Discriminator	3.9 mV	Analog HV	2264 V	Pulse HV	1546 V

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:21:06 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	-0.07	-0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.10	-0.09	0.00	0.00	N/A	ppb
Boron	11-1	-0.01	0.01	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.00	-0.09	0.00	N/A	ppb
Cadmium	106-1	1.23	0.00	-1.23	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.06	0.03	0.00	N/A	ppb
Calcium	43-1	-0.38	-1.23	1.61	0.00	N/A	ppb
Calcium	44-1	3.12	1.29	-4.41	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.32	-0.14	-0.18	0.00	N/A	ppb
Iron	56-2	0.10	0.04	-0.14	0.00	N/A	ppb
Iron	57-2	-0.41	-0.55	0.96	0.00	N/A	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:21:06	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.24	-0.10	-0.14	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.02	0.00	N/A	ppb
Phosphorus	31-2	1.04	10.48	-3.61	2.64	272.15	ppb
Potassium	39-2	-1.42	-0.09	1.51	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.00	0.05	-0.05	0.00	N/A	ppb
Selenium	77-2	-0.22	0.44	-0.22	0.00	N/A	ppb
Selenium	78-2	0.22	-0.65	0.44	0.00	N/A	ppb
Silicon	28-1	1.81	0.92	-2.72	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.03	-1.45	0.42	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.03	0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	408.91	243.83	-380.06	90.90	457.80	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	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:21:06	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.27	0.10	0.17	0.00	N/A	ppb
Zirconium	90-1	-0.02	-0.08	0.10	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.20	0.17	0.00	N/A	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:27:15 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.92	21.15	22.38	22.15	4.11	ppb
Antimony	121-1	2.04	2.09	2.17	2.10	2.97	ppb
Arsenic	75-2	1.10	1.07	1.06	1.08	2.00	ppb
Barium	135-1	10.37	11.01	10.50	10.63	3.15	ppb
Barium	137-1	10.94	10.39	10.91	10.75	2.86	ppb
Beryllium	9-1	1.15	1.07	0.98	1.07	7.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	22.97	25.21	25.34	24.51	5.44	ppb
Boron	11-1	23.12	26.41	25.03	24.85	6.64	ppb
Bromine	81-1						cps
Cadmium	111-1	0.97	1.17	1.02	1.05	9.78	ppb
Cadmium	106-1	0.28	0.66	0.53	0.49	39.69	ppb
Cadmium	108-1	1.12	1.44	1.07	1.21	16.81	ppb
Calcium	43-1	517.55	535.89	523.75	525.73	1.77	ppb
Calcium	44-1	506.68	514.50	513.95	511.71	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.10	2.19	2.12	2.84	ppb
Cobalt	59-2	1.11	1.00	1.08	1.07	5.20	ppb
Copper	63-2	2.02	1.90	1.90	1.94	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	54-2	56.22	57.19	59.43	57.61	2.86	ppb
Iron	56-2	58.01	55.60	56.45	56.69	2.16	ppb
Iron	57-2	55.09	55.52	52.19	54.27	3.34	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:27:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	1.05	1.06	1.03	4.29	ppb
Lead	207-1	0.91	0.96	1.02	0.96	5.23	ppb
Lead	208-1	0.98	1.02	1.02	1.00	2.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	527.20	522.37	519.01	522.86	0.79	ppb
Manganese	55-2	0.95	0.96	1.15	1.02	11.15	ppb
Molybdenum	94-1	5.36	5.74	5.41	5.50	3.72	ppb
Molybdenum	95-1	5.18	5.59	5.29	5.35	3.91	ppb
Molybdenum	96-1	5.06	5.47	5.23	5.26	3.94	ppb
Molybdenum	97-1	5.30	5.45	5.43	5.39	1.55	ppb
Molybdenum	98-1	5.25	5.46	5.20	5.30	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.18	1.19	1.19	0.59	ppb
Phosphorus	31-2	-11.97	6.32	-2.27	-2.64		ppb
Potassium	39-2	499.28	495.27	502.49	499.01	0.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	6.77	5.99	4.69	5.82	18.09	ppb
Selenium	77-2	6.38	5.07	3.78	5.08	25.57	ppb
Selenium	78-2	5.09	4.94	5.13	5.06	1.97	ppb
Silicon	28-1	13.34	12.43	13.74	13.17	5.10	ppb
Silver	107-1	1.01	1.07	1.09	1.06	3.68	ppb
Silver	109-1	1.10	1.09	1.09	1.09	0.57	ppb
Sodium	23-2	531.47	515.81	529.14	525.47	1.61	ppb
Strontium	86-1	1.01	1.34	1.23	1.19	14.47	ppb
Strontium	88-1	1.13	1.17	1.14	1.15	1.84	ppb
Sulfur	34-1	-132.42	-131.58	-8.69	-90.90		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.97	1.00	1.03	1.00	2.85	ppb
Thallium	205-1	0.98	1.00	1.05	1.01	3.65	ppb
Tin	118-1	5.29	5.27	5.33	5.29	0.59	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:27:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.09	5.11	5.44	5.22	3.75	ppb
Uranium	238-1	0.92	1.04	1.00	0.99	6.21	ppb
Vanadium	51-2	5.38	5.39	5.28	5.35	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2.41	2.23	1.89	2.17	12.14	ppb
Zirconium	90-1	10.53	10.74	10.34	10.53	1.89	ppb
Zirconium	91-1	9.76	10.19	10.57	10.17	3.96	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:30:20 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.89	1015.64	1010.28	1020.60	1.32	ppb
Antimony	121-1	52.39	50.82	49.55	50.92	2.80	ppb
Arsenic	75-2	53.56	52.33	51.23	52.37	2.23	ppb
Barium	135-1	257.47	255.14	247.32	253.31	2.10	ppb
Barium	137-1	261.24	256.96	251.59	256.60	1.88	ppb
Beryllium	9-1	52.59	49.35	52.68	51.54	3.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	46.34	44.36	51.54	47.41	7.82	ppb
Boron	11-1	46.09	45.52	50.87	47.49	6.18	ppb
Bromine	81-1						cps
Cadmium	111-1	53.83	53.90	52.47	53.40	1.51	ppb
Cadmium	106-1	59.38	51.02	49.49	53.30	9.99	ppb
Cadmium	108-1	55.73	54.84	51.28	53.95	4.36	ppb
Calcium	43-1	5465.89	5254.87	5259.38	5326.71	2.26	ppb
Calcium	44-1	5441.25	5229.29	5274.51	5315.02	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.16	49.92	50.36	50.48	1.25	ppb
Cobalt	59-2	52.09	51.81	51.49	51.80	0.58	ppb
Copper	63-2	539.67	542.84	541.78	541.43	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	2778.40	2804.44	2740.16	2774.33	1.17	ppb
Iron	56-2	2828.14	2715.69	2773.21	2772.35	2.03	ppb
Iron	57-2	2766.74	2722.45	2757.89	2749.03	0.85	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:30:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	254.70	236.73	234.85	242.09	4.53	ppb
Lead	207-1	254.10	242.12	243.27	246.50	2.68	ppb
Lead	208-1	258.69	246.62	246.57	250.63	2.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	5347.33	5252.21	5306.72	5302.09	0.90	ppb
Manganese	55-2	511.78	507.21	509.72	509.57	0.45	ppb
Molybdenum	94-1	259.65	255.10	258.31	257.69	0.91	ppb
Molybdenum	95-1	260.85	252.23	257.74	256.94	1.70	ppb
Molybdenum	96-1	260.49	250.10	253.74	254.78	2.07	ppb
Molybdenum	97-1	259.33	252.43	257.49	256.42	1.39	ppb
Molybdenum	98-1	253.81	250.71	253.39	252.63	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.39	53.68	54.24	54.11	0.69	ppb
Phosphorus	31-2	1043.63	1048.15	1093.38	1061.72	2.59	ppb
Potassium	39-2	2598.14	2514.99	2557.78	2556.97	1.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	53.56	51.42	53.07	52.68	2.13	ppb
Selenium	77-2	60.32	50.43	49.12	53.29	11.50	ppb
Selenium	78-2	53.23	56.64	52.03	53.97	4.44	ppb
Silicon	28-1	76.84	75.15	75.49	75.83	1.17	ppb
Silver	107-1	55.02	51.55	51.67	52.75	3.73	ppb
Silver	109-1	54.98	52.73	52.32	53.35	2.69	ppb
Sodium	23-2	5247.07	5137.44	5337.40	5240.63	1.91	ppb
Strontium	86-1	534.05	525.57	509.92	523.18	2.34	ppb
Strontium	88-1	509.68	499.74	502.18	503.87	1.03	ppb
Sulfur	34-1	1703.94	1177.08	1025.85	1302.29	27.33	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	50.94	48.24	48.48	49.22	3.03	ppb
Thallium	205-1	52.21	48.54	47.60	49.45	4.93	ppb
Tin	118-1	53.72	52.91	51.22	52.62	2.42	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:30:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	262.48	249.49	252.39	254.78	2.68	ppb
Uranium	238-1	49.58	47.28	46.87	47.91	3.05	ppb
Vanadium	51-2	51.02	50.19	51.13	50.78	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	538.68	522.50	523.08	528.09	1.74	ppb
Zirconium	90-1	523.03	503.04	499.28	508.45	2.51	ppb
Zirconium	91-1	510.74	498.80	503.17	504.23	1.20	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:33:24 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2688.03	2505.18	2542.06	2578.42	3.75	ppb
Antimony	121-1	125.17	127.01	130.90	127.69	2.29	ppb
Arsenic	75-2	139.51	133.01	127.62	133.38	4.46	ppb
Barium	135-1	624.58	613.24	642.35	626.72	2.34	ppb
Barium	137-1	631.72	629.12	645.94	635.59	1.42	ppb
Beryllium	9-1	122.93	121.51	126.29	123.58	1.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	109.66	113.61	124.83	116.03	6.78	ppb
Boron	11-1	109.98	111.45	120.27	113.90	4.89	ppb
Bromine	81-1						cps
Cadmium	111-1	132.01	129.14	134.00	131.72	1.86	ppb
Cadmium	106-1	127.93	134.90	135.67	132.83	3.21	ppb
Cadmium	108-1	130.71	127.36	132.16	130.08	1.89	ppb
Calcium	43-1	13254.60	13094.34	13286.26	13211.74	0.78	ppb
Calcium	44-1	13351.13	12762.96	12947.73	13020.61	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.28	122.28	126.13	126.90	3.97	ppb
Cobalt	59-2	134.86	126.02	129.44	130.11	3.42	ppb
Copper	63-2	1382.83	1289.48	1307.38	1326.57	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	7132.89	6707.12	7008.19	6949.40	3.15	ppb
Iron	56-2	7234.53	6871.94	6910.56	7005.68	2.84	ppb
Iron	57-2	7242.09	6699.72	6834.37	6925.39	4.08	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:33:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	618.04	648.20	604.14	623.46	3.61	ppb
Lead	207-1	623.07	652.94	604.30	626.77	3.91	ppb
Lead	208-1	618.45	644.34	612.43	625.07	2.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	14192.75	13443.93	13275.13	13637.27	3.58	ppb
Manganese	55-2	1387.10	1280.34	1327.21	1331.55	4.02	ppb
Molybdenum	94-1	637.64	655.17	633.46	642.09	1.79	ppb
Molybdenum	95-1	622.05	631.75	634.69	629.50	1.05	ppb
Molybdenum	96-1	633.05	628.91	623.96	628.64	0.72	ppb
Molybdenum	97-1	636.66	644.79	621.28	634.24	1.88	ppb
Molybdenum	98-1	619.08	619.01	617.10	618.40	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.11	130.83	135.86	135.60	3.42	ppb
Phosphorus	31-2	2714.04	2603.52	2693.99	2670.52	2.20	ppb
Potassium	39-2	6636.48	6313.72	6446.84	6465.68	2.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	130.15	127.92	128.45	128.84	0.90	ppb
Selenium	77-2	150.61	137.76	121.48	136.62	10.68	ppb
Selenium	78-2	135.42	134.13	128.28	132.61	2.87	ppb
Silicon	28-1	137.13	137.33	149.15	141.20	4.87	ppb
Silver	107-1	129.36	129.51	134.90	131.26	2.40	ppb
Silver	109-1	130.19	133.63	132.55	132.12	1.33	ppb
Sodium	23-2	13714.32	12699.09	12988.09	13133.83	3.98	ppb
Strontium	86-1	1253.04	1276.97	1276.25	1268.75	1.07	ppb
Strontium	88-1	1266.72	1233.30	1258.65	1252.89	1.39	ppb
Sulfur	34-1	3255.99	2906.26	3138.09	3100.11	5.74	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	121.01	127.57	116.68	121.75	4.50	ppb
Thallium	205-1	123.96	131.39	118.54	124.63	5.17	ppb
Tin	118-1	126.41	127.52	131.34	128.42	2.01	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:33:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	641.33	627.32	639.27	635.97	1.19	ppb
Uranium	238-1	126.00	125.18	122.37	124.52	1.53	ppb
Vanadium	51-2	133.03	123.82	127.29	128.05	3.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	1369.87	1265.37	1293.30	1309.51	4.13	ppb
Zirconium	90-1	1273.99	1273.21	1290.51	1279.24	0.76	ppb
Zirconium	91-1	1257.42	1219.09	1236.87	1237.79	1.55	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4981.78	4991.48	5004.12	4992.46	0.22	ppb
Antimony	121-1	253.89	253.50	256.77	254.72	0.70	ppb
Arsenic	75-2	254.69	260.05	261.37	258.70	1.37	ppb
Barium	135-1	1277.12	1221.50	1262.21	1253.61	2.30	ppb
Barium	137-1	1253.31	1196.88	1233.36	1227.85	2.33	ppb
Beryllium	9-1	235.61	233.83	255.99	241.81	5.09	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	212.59	224.75	254.10	230.48	9.26	ppb
Boron	11-1	215.75	228.83	254.12	232.90	8.37	ppb
Bromine	81-1						cps
Cadmium	111-1	256.65	245.30	255.97	252.64	2.52	ppb
Cadmium	106-1	259.22	244.02	253.77	252.34	3.05	ppb
Cadmium	108-1	253.22	252.39	251.63	252.41	0.31	ppb
Calcium	43-1	26792.47	25819.33	26148.93	26253.57	1.89	ppb
Calcium	44-1	25635.30	25861.46	26206.43	25901.06	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.99	249.27	251.70	250.32	0.50	ppb
Cobalt	59-2	253.28	256.04	255.78	255.03	0.60	ppb
Copper	63-2	2552.41	2530.17	2632.92	2571.83	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	14166.25	14116.27	14423.66	14235.39	1.16	ppb
Iron	56-2	13473.44	13754.67	13740.15	13656.09	1.16	ppb
Iron	57-2	13466.73	13344.97	13586.53	13466.08	0.90	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1249.84	1233.93	1243.77	1242.51	0.65	ppb
Lead	207-1	1253.60	1224.49	1248.65	1242.25	1.25	ppb
Lead	208-1	1257.78	1225.29	1245.09	1242.72	1.32	ppb
Lithium	6-1				110		%
Magnesium	24-2	26101.00	26257.14	26094.65	26150.93	0.35	ppb
Manganese	55-2	2533.50	2574.16	2616.85	2574.84	1.62	ppb
Molybdenum	94-1	1260.34	1235.85	1285.31	1260.50	1.96	ppb
Molybdenum	95-1	1239.10	1234.13	1296.88	1256.71	2.78	ppb
Molybdenum	96-1	1261.18	1232.62	1302.26	1265.36	2.77	ppb
Molybdenum	97-1	1275.79	1239.38	1278.78	1264.65	1.73	ppb
Molybdenum	98-1	1235.28	1227.55	1270.32	1244.38	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.22	262.12	264.87	263.40	0.52	ppb
Phosphorus	31-2	5071.30	5226.43	5137.51	5145.08	1.51	ppb
Potassium	39-2	12756.88	12701.55	12819.60	12759.34	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	258.56	253.28	265.11	258.98	2.29	ppb
Selenium	77-2	260.17	275.03	269.02	268.08	2.79	ppb
Selenium	78-2	264.03	271.76	261.62	265.81	1.99	ppb
Silicon	28-1	265.64	263.90	283.61	271.05	4.03	ppb
Silver	107-1	256.58	253.24	255.21	255.01	0.66	ppb
Silver	109-1	259.57	255.94	257.53	257.68	0.71	ppb
Sodium	23-2	25881.04	25080.63	26065.79	25675.82	2.04	ppb
Strontium	86-1	2526.58	2458.57	2540.40	2508.52	1.75	ppb
Strontium	88-1	2515.79	2447.26	2483.86	2482.30	1.38	ppb
Sulfur	34-1	6204.61	5556.05	5802.68	5854.44	5.59	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	247.88	245.27	255.50	249.55	2.13	ppb
Thallium	205-1	246.99	242.77	247.78	245.85	1.10	ppb
Tin	118-1	253.10	251.22	253.88	252.73	0.54	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1300.28	1224.10	1241.92	1255.43	3.17	ppb
Uranium	238-1	251.19	243.41	245.95	246.85	1.61	ppb
Vanadium	51-2	249.23	248.51	252.22	249.99	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2548.76	2552.67	2592.78	2564.73	0.95	ppb
Zirconium	90-1	2517.44	2464.30	2588.03	2523.26	2.46	ppb
Zirconium	91-1	2439.93	2439.05	2527.06	2468.68	2.05	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10004.40	10038.56	9941.73	9994.90	0.49	ppb
Antimony	121-1	505.40	537.03	509.74	517.39	3.31	ppb
Arsenic	75-2	513.88	524.26	511.08	516.41	1.34	ppb
Barium	135-1	2534.96	2593.84	2501.40	2543.40	1.84	ppb
Barium	137-1	2539.39	2563.67	2526.02	2543.03	0.75	ppb
Beryllium	9-1	509.89	533.15	504.23	515.76	2.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	475.25	526.09	522.10	507.81	5.57	ppb
Boron	11-1	475.82	525.85	507.08	502.92	5.03	ppb
Bromine	81-1						cps
Cadmium	111-1	516.27	532.78	514.98	521.34	1.90	ppb
Cadmium	106-1	514.27	517.78	515.72	515.92	0.34	ppb
Cadmium	108-1	522.47	526.76	519.38	522.87	0.71	ppb
Calcium	43-1	53683.90	55959.98	54020.18	54554.69	2.25	ppb
Calcium	44-1	51566.08	53224.95	52961.42	52584.15	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.65	512.87	510.56	512.36	0.31	ppb
Cobalt	59-2	523.87	534.68	514.23	524.26	1.95	ppb
Copper	63-2	5120.88	5181.23	5117.59	5139.90	0.70	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	28005.62	27871.34	27885.40	27920.79	0.26	ppb
Iron	56-2	27506.15	26702.22	26945.03	27051.13	1.52	ppb
Iron	57-2	28278.27	26817.53	26712.03	27269.28	3.21	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2491.20	2506.54	2556.27	2518.00	1.35	ppb
Lead	207-1	2496.24	2512.12	2563.34	2523.90	1.39	ppb
Lead	208-1	2474.75	2496.17	2533.92	2501.61	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	52136.07	51939.38	51581.88	51885.78	0.54	ppb
Manganese	55-2	5157.69	5069.82	5084.36	5103.96	0.92	ppb
Molybdenum	94-1	2555.82	2513.94	2561.11	2543.63	1.02	ppb
Molybdenum	95-1	2586.82	2502.01	2589.99	2559.60	1.95	ppb
Molybdenum	96-1	2567.77	2522.86	2553.90	2548.18	0.90	ppb
Molybdenum	97-1	2520.48	2529.91	2618.81	2556.40	2.12	ppb
Molybdenum	98-1	2486.91	2490.30	2586.81	2521.34	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.79	527.64	515.40	523.94	1.42	ppb
Phosphorus	31-2	10114.39	10227.52	10187.69	10176.54	0.56	ppb
Potassium	39-2	24881.06	25405.36	25033.92	25106.78	1.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	509.86	510.75	526.20	515.60	1.78	ppb
Selenium	77-2	511.25	554.31	507.66	524.41	4.95	ppb
Selenium	78-2	507.98	528.99	526.48	521.15	2.20	ppb
Silicon	28-1	528.23	572.37	565.35	555.32	4.27	ppb
Silver	107-1	516.84	516.99	516.44	516.76	0.06	ppb
Silver	109-1	513.01	540.43	514.05	522.50	2.97	ppb
Sodium	23-2	52645.58	52373.97	51294.77	52104.77	1.37	ppb
Strontium	86-1	4981.73	4935.20	5220.14	5045.69	3.03	ppb
Strontium	88-1	4882.01	4994.22	5144.36	5006.86	2.63	ppb
Sulfur	34-1	12114.02	12171.28	12191.74	12159.01	0.33	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	506.90	503.69	501.12	503.90	0.57	ppb
Thallium	205-1	493.55	498.24	495.60	495.80	0.47	ppb
Tin	118-1	521.94	519.60	513.81	518.45	0.81	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2500.31	2526.37	2483.91	2503.53	0.86	ppb
Uranium	238-1	500.72	480.27	495.15	492.05	2.15	ppb
Vanadium	51-2	512.55	519.00	503.40	511.65	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	5136.96	5128.29	5155.83	5140.36	0.27	ppb
Zirconium	90-1	5001.49	5048.33	5168.34	5072.72	1.70	ppb
Zirconium	91-1	4992.15	5033.34	5142.48	5055.99	1.54	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:45:42	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19222.37	19710.25	19933.94	19622.19	1.85	ppb
Antimony	121-1	975.79	993.03	1000.41	989.74	1.28	ppb
Arsenic	75-2	957.79	1000.25	1007.32	988.45	2.71	ppb
Barium	135-1	4875.14	5028.43	5027.47	4977.02	1.77	ppb
Barium	137-1	4902.78	5033.50	5010.81	4982.37	1.40	ppb
Beryllium	9-1	990.65	991.44	1000.72	994.27	0.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	951.30	1009.18	1046.22	1002.24	4.77	ppb
Boron	11-1	977.45	1020.17	1015.38	1004.33	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	958.62	973.51	1030.84	987.66	3.86	ppb
Cadmium	106-1	988.39	979.75	1002.79	990.31	1.18	ppb
Cadmium	108-1	951.19	995.75	1014.45	987.13	3.29	ppb
Calcium	43-1	104871.08	106253.02	111583.70	107569.27	3.30	ppb
Calcium	44-1	100442.85	102628.13	104036.74	102369.24	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	968.31	994.96	1017.16	993.48	2.46	ppb
Cobalt	59-2	985.73	967.92	1004.00	985.88	1.83	ppb
Copper	63-2	9718.46	9974.09	10008.81	9900.45	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	54-2	52375.93	53405.73	55680.91	53820.86	3.14	ppb
Iron	56-2	50942.71	52454.18	54189.37	52528.75	3.09	ppb
Iron	57-2	53013.59	53671.23	55052.06	53912.29	1.93	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:45:42	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4859.16	5040.44	5080.78	4993.46	2.36	ppb
Lead	207-1	4871.94	5034.57	5063.32	4989.94	2.07	ppb
Lead	208-1	4920.70	5047.94	5034.28	5000.97	1.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	96324.80	98428.05	100227.32	98326.72	1.99	ppb
Manganese	55-2	9620.96	9907.15	10227.82	9918.64	3.06	ppb
Molybdenum	94-1	5008.19	4960.00	4950.94	4973.04	0.62	ppb
Molybdenum	95-1	5022.55	4938.70	4941.58	4967.61	0.96	ppb
Molybdenum	96-1	4974.10	4927.48	5012.56	4971.38	0.86	ppb
Molybdenum	97-1	4945.67	4893.44	5060.88	4966.66	1.72	ppb
Molybdenum	98-1	5056.05	4890.67	5027.56	4991.43	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	967.41	983.43	998.61	983.15	1.59	ppb
Phosphorus	31-2	19311.50	19511.05	20730.64	19851.06	3.87	ppb
Potassium	39-2	47574.73	48044.82	48996.08	48205.21	1.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	984.22	976.50	1007.28	989.33	1.62	ppb
Selenium	77-2	944.68	997.52	1002.78	981.66	3.27	ppb
Selenium	78-2	947.46	1008.41	997.09	984.32	3.29	ppb
Silicon	28-1	936.03	975.34	979.82	963.73	2.50	ppb
Silver	107-1	963.58	1000.54	1004.22	989.45	2.27	ppb
Silver	109-1	956.20	993.40	1007.72	985.77	2.70	ppb
Sodium	23-2	96163.60	99576.44	100096.61	98612.21	2.17	ppb
Strontium	86-1	9812.61	9970.22	10131.73	9971.52	1.60	ppb
Strontium	88-1	10015.73	9840.10	10145.49	10000.44	1.53	ppb
Sulfur	34-1	18325.87	19263.21	18261.18	18616.75	3.01	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	972.92	1009.15	1013.75	998.61	2.24	ppb
Thallium	205-1	978.82	1010.95	1019.87	1003.21	2.15	ppb
Tin	118-1	980.51	985.18	1002.91	989.53	1.19	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:45:42	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4931.90	5140.71	4913.19	4995.27	2.53	ppb
Uranium	238-1	996.42	996.63	1021.73	1004.93	1.45	ppb
Vanadium	51-2	973.17	986.44	1021.65	993.76	2.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	9707.65	10027.75	9978.98	9904.79	1.74	ppb
Zirconium	90-1	9867.15	9875.09	10119.00	9953.75	1.44	ppb
Zirconium	91-1	9902.92	10055.54	9984.99	9981.15	0.77	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99842.38	100451.11	99929.36	100074.28	0.33	ppb
Antimony	121-1	0.57	0.66	0.58	0.60	8.10	ppb
Arsenic	75-2	0.37	0.25	0.27	0.30	21.79	ppb
Barium	135-1	2.16	2.19	2.09	2.15	2.27	ppb
Barium	137-1	1.85	2.01	2.05	1.97	5.31	ppb
Beryllium	9-1	0.12	0.12	0.13	0.12	4.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	122.45	114.72	98.29	111.82	11.04	ppb
Boron	11-1	125.15	114.28	101.23	113.56	10.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.20	0.25	0.23	11.52	ppb
Cadmium	106-1	-0.62	-1.12	-0.35	-0.70		ppb
Cadmium	108-1	0.80	0.64	0.79	0.75	12.24	ppb
Calcium	43-1	494127.06	504055.79	495657.89	497946.91	1.07	ppb
Calcium	44-1	494411.34	505893.86	497314.32	499206.51	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.01	3.04	3.07	3.04	0.95	ppb
Cobalt	59-2	2.22	2.25	2.25	2.24	0.70	ppb
Copper	63-2	2.50	2.40	2.36	2.42	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	250685.65	248243.22	247581.38	248836.75	0.66	ppb
Iron	56-2	249370.39	251452.82	246805.94	249209.72	0.93	ppb
Iron	57-2	249085.14	248991.81	248691.85	248922.93	0.08	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.87	1.82	1.81	1.83	1.64	ppb
Lead	207-1	1.76	1.83	1.83	1.81	2.23	ppb
Lead	208-1	1.86	1.85	1.85	1.85	0.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	500485.75	500705.67	498979.75	500057.06	0.19	ppb
Manganese	55-2	12.19	11.98	12.01	12.06	0.94	ppb
Molybdenum	94-1	2.09	4.16	1.84	2.69	47.27	ppb
Molybdenum	95-1	1.62	1.47	1.55	1.55	4.59	ppb
Molybdenum	96-1	3.29	3.32	3.14	3.25	3.04	ppb
Molybdenum	97-1	1.55	1.60	1.36	1.50	8.44	ppb
Molybdenum	98-1	1.44	1.43	1.38	1.42	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.63	3.65	3.46	3.58	2.97	ppb
Phosphorus	31-2	-8.19	12.57	-8.43	-1.35		ppb
Potassium	39-2	248489.50	253243.31	249255.25	250329.35	1.02	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.28	0.59	1.13	1.00	36.59	ppb
Selenium	77-2	-0.22	0.41	-0.22	-0.01		ppb
Selenium	78-2	-0.15	1.29	0.11	0.42	182.77	ppb
Silicon	28-1	110.92	127.75	121.17	119.95	7.07	ppb
Silver	107-1	0.30	0.28	0.25	0.28	8.44	ppb
Silver	109-1	0.30	0.31	0.28	0.29	6.10	ppb
Sodium	23-2	509732.82	498657.83	491654.38	500015.01	1.82	ppb
Strontium	86-1	7.94	7.43	7.07	7.48	5.84	ppb
Strontium	88-1	7.36	7.41	7.40	7.39	0.40	ppb
Sulfur	34-1	-1524.81	-1411.84	-1471.88	-1469.51		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.18	0.16	0.18	14.11	ppb
Thallium	205-1	0.21	0.20	0.20	0.20	3.40	ppb
Tin	118-1	0.27	0.32	0.31	0.30	9.65	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.64	0.63	0.77	0.68	11.03	ppb
Uranium	238-1	0.13	0.12	0.10	0.12	12.90	ppb
Vanadium	51-2	0.17	0.15	0.16	0.16	5.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	22.57	22.65	24.04	23.09	3.58	ppb
Zirconium	90-1	5.03	5.26	4.73	5.01	5.34	ppb
Zirconium	91-1	5.15	5.12	4.39	4.88	8.74	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:03:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.34	493.16	497.99	494.83	0.55	ppb
Antimony	121-1	203.45	211.20	206.69	207.11	1.88	ppb
Arsenic	75-2	204.67	207.80	207.76	206.74	0.87	ppb
Barium	135-1	100.34	103.59	104.36	102.76	2.08	ppb
Barium	137-1	103.37	104.81	103.11	103.76	0.88	ppb
Beryllium	9-1	102.35	102.69	102.21	102.42	0.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	12.84	13.57	12.87	13.10	3.17	ppb
Boron	11-1	13.53	13.88	13.41	13.61	1.79	ppb
Bromine	81-1						cps
Cadmium	111-1	103.78	105.91	103.27	104.32	1.34	ppb
Cadmium	106-1	89.75	92.72	88.92	90.46	2.21	ppb
Cadmium	108-1	94.70	94.11	94.98	94.60	0.47	ppb
Calcium	43-1	1929.25	1997.31	2028.33	1984.96	2.55	ppb
Calcium	44-1	1949.01	2010.38	2021.00	1993.46	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.65	99.10	98.29	98.01	1.27	ppb
Cobalt	59-2	99.80	102.02	100.70	100.84	1.10	ppb
Copper	63-2	99.54	99.44	101.22	100.07	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				112		%
Iron	54-2	2132.27	2158.89	2166.55	2152.57	0.84	ppb
Iron	56-2	2139.68	2073.47	2099.13	2104.09	1.59	ppb
Iron	57-2	2067.24	2110.24	2069.11	2082.20	1.17	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:03:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	201.17	208.40	216.52	208.70	3.68	ppb
Lead	207-1	195.60	199.63	209.36	201.53	3.51	ppb
Lead	208-1	203.49	209.13	215.95	209.52	2.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	1177.01	1174.78	1158.90	1170.23	0.84	ppb
Manganese	55-2	95.86	97.60	98.05	97.17	1.19	ppb
Molybdenum	94-1	0.29	0.19	0.26	0.25	21.78	ppb
Molybdenum	95-1	0.22	0.20	0.18	0.20	12.08	ppb
Molybdenum	96-1	0.26	0.24	0.22	0.24	10.11	ppb
Molybdenum	97-1	0.23	0.18	0.19	0.20	12.72	ppb
Molybdenum	98-1	0.25	0.22	0.24	0.24	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.82	116.48	116.48	115.93	0.83	ppb
Phosphorus	31-2	-7.48	-11.37	-0.08	-6.31		ppb
Potassium	39-2	1885.84	1917.02	1941.48	1914.78	1.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				111		%
Selenium	82-1	207.22	209.33	215.12	210.55	1.94	ppb
Selenium	77-2	214.58	203.19	219.99	212.59	4.04	ppb
Selenium	78-2	212.46	215.80	218.38	215.55	1.38	ppb
Silicon	28-1	5.67	10.56	11.70	9.31	34.41	ppb
Silver	107-1	49.62	51.18	52.64	51.15	2.96	ppb
Silver	109-1	49.55	52.75	53.34	51.88	3.93	ppb
Sodium	23-2	1965.34	1938.53	1965.61	1956.49	0.80	ppb
Strontium	86-1	0.58	0.61	0.55	0.58	4.68	ppb
Strontium	88-1	0.67	0.63	0.59	0.63	6.87	ppb
Sulfur	34-1	-1123.25	-700.93	-813.80	-879.33		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	204.43	211.91	212.85	209.73	2.20	ppb
Thallium	205-1	202.75	210.92	217.14	210.27	3.43	ppb
Tin	118-1	0.04	0.02	0.06	0.04	52.10	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:03:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.34	0.27	0.25	0.28	16.56	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	27.82	ppb
Vanadium	51-2	97.18	97.36	97.48	97.34	0.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	194.08	197.10	196.59	195.92	0.82	ppb
Zirconium	90-1	0.62	0.43	0.48	0.51	19.07	ppb
Zirconium	91-1	1.32	1.14	1.00	1.15	14.20	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:25:58 DataFile Name : 019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	19.72	18.81	19.41	2.67	ppb
Antimony	121-1	1.76	2.01	1.83	1.86	6.89	ppb
Arsenic	75-2	0.85	0.99	0.88	0.91	8.13	ppb
Barium	135-1	8.93	10.30	8.75	9.33	9.07	ppb
Barium	137-1	8.49	9.62	9.33	9.15	6.45	ppb
Beryllium	9-1	0.94	0.96	0.93	0.94	1.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	23.76	29.30	28.29	27.12	10.87	ppb
Boron	11-1	24.33	29.03	26.78	26.71	8.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	1.14	0.78	0.96	18.59	ppb
Cadmium	106-1	-0.48	0.43	-1.87	-0.64		ppb
Cadmium	108-1	1.11	0.77	1.22	1.03	23.13	ppb
Calcium	43-1	441.75	494.42	423.57	453.25	8.12	ppb
Calcium	44-1	435.16	494.60	420.19	449.98	8.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.73	1.72	1.66	1.70	2.35	ppb
Cobalt	59-2	0.95	0.94	0.87	0.92	4.67	ppb
Copper	63-2	1.86	1.87	1.84	1.86	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				109		%
Iron	54-2	50.62	53.77	50.15	51.51	3.82	ppb
Iron	56-2	51.07	51.86	50.49	51.14	1.34	ppb
Iron	57-2	54.18	51.56	49.85	51.86	4.20	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:25:58	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	1.12	0.93	0.98	12.66	ppb
Lead	207-1	0.91	1.08	0.87	0.95	11.66	ppb
Lead	208-1	0.88	1.05	0.94	0.96	8.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	439.13	447.70	443.95	443.59	0.97	ppb
Manganese	55-2	1.12	1.14	1.03	1.10	5.28	ppb
Molybdenum	94-1	4.31	4.89	4.83	4.68	6.89	ppb
Molybdenum	95-1	4.60	4.76	4.86	4.74	2.81	ppb
Molybdenum	96-1	4.18	4.72	4.51	4.47	6.07	ppb
Molybdenum	97-1	4.56	4.81	4.37	4.58	4.74	ppb
Molybdenum	98-1	4.17	4.84	4.51	4.51	7.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.96	1.07	1.01	5.26	ppb
Phosphorus	31-2	17.31	-20.07	8.74	1.99	982.52	ppb
Potassium	39-2	426.68	420.78	426.08	424.52	0.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	82-1	4.45	4.56	6.10	5.04	18.30	ppb
Selenium	77-2	4.79	4.28	4.79	4.62	6.42	ppb
Selenium	78-2	4.80	4.40	4.91	4.70	5.75	ppb
Silicon	28-1	11.90	20.78	8.79	13.83	44.98	ppb
Silver	107-1	0.86	1.02	0.89	0.92	9.23	ppb
Silver	109-1	0.80	1.02	0.88	0.90	12.06	ppb
Sodium	23-2	439.36	441.66	435.91	438.98	0.66	ppb
Strontium	86-1	1.08	1.24	1.23	1.18	7.38	ppb
Strontium	88-1	1.10	1.28	1.19	1.19	7.46	ppb
Sulfur	34-1	-417.16	337.64	-934.78	-338.10		ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	0.88	0.92	0.86	0.89	3.53	ppb
Thallium	205-1	0.87	0.99	0.89	0.91	7.22	ppb
Tin	118-1	4.35	5.04	4.49	4.63	7.93	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:25:58	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.42	5.19	4.49	4.70	9.04	ppb
Uranium	238-1	0.80	0.91	0.80	0.84	7.41	ppb
Vanadium	51-2	4.38	4.31	4.22	4.30	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				108		%
Zinc	66-2	1.74	1.96	1.63	1.77	9.38	ppb
Zirconium	90-1	8.21	9.17	8.85	8.74	5.55	ppb
Zirconium	91-1	8.22	8.00	8.68	8.30	4.17	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : ICB46 Instrumnet Name : P8
 Client Sample ID : ICB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:28:59 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	1.23	1.82	1.36	29.61	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	16.75	ppb
Arsenic	75-2	-0.02	0.03	0.00	0.00	2443.50	ppb
Barium	135-1	0.11	0.08	0.08	0.09	16.50	ppb
Barium	137-1	0.16	0.10	0.06	0.10	48.08	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	38.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	7.75	8.27	7.96	7.99	3.32	ppb
Boron	11-1	7.89	8.12	7.92	7.97	1.56	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.14	-0.14	-0.13		ppb
Cadmium	106-1	-1.49	-2.34	-2.08	-1.97		ppb
Cadmium	108-1	0.17	0.05	-0.21	0.00	5638.65	ppb
Calcium	43-1	6.99	5.33	2.32	4.88	48.46	ppb
Calcium	44-1	2.42	4.42	4.92	3.92	33.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.03	0.03	7.77	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	38.58	ppb
Copper	63-2	0.11	0.12	0.13	0.12	5.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	3.42	3.37	2.47	3.09	17.26	ppb
Iron	56-2	3.18	3.20	2.98	3.12	4.01	ppb
Iron	57-2	2.90	2.37	3.24	2.84	15.40	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:28:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.07	0.10	21.58	ppb
Lead	207-1	0.10	0.10	0.04	0.08	42.03	ppb
Lead	208-1	0.11	0.09	0.07	0.09	17.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.11	4.74	6.34	5.73	15.13	ppb
Manganese	55-2	0.13	0.18	0.11	0.14	27.06	ppb
Molybdenum	94-1	0.09	0.08	0.05	0.07	31.60	ppb
Molybdenum	95-1	0.10	0.05	0.05	0.07	41.48	ppb
Molybdenum	96-1	0.11	0.09	0.06	0.09	28.45	ppb
Molybdenum	97-1	0.08	0.10	0.08	0.09	13.77	ppb
Molybdenum	98-1	0.11	0.08	0.07	0.08	26.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.04	0.01	155.51	ppb
Phosphorus	31-2	-18.10	-22.37	4.41	-12.02		ppb
Potassium	39-2	0.75	-2.08	8.97	2.55	225.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	0.19	-0.46	0.81	0.18	353.43	ppb
Selenium	77-2	-0.22	-0.22	-0.22	-0.22		ppb
Selenium	78-2	1.05	-0.07	-0.03	0.32	200.54	ppb
Silicon	28-1	-2.88	1.10	1.00	-0.26		ppb
Silver	107-1	0.02	0.00	0.01	0.01	57.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.35	ppb
Sodium	23-2	-0.61	1.52	-0.76	0.05	2453.87	ppb
Strontium	86-1	0.18	0.04	0.13	0.12	62.84	ppb
Strontium	88-1	0.21	0.16	0.14	0.17	20.79	ppb
Sulfur	34-1	-849.27	-413.48	-115.76	-459.50		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.05	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	45.90	ppb
Tin	118-1	0.01	0.02	0.01	0.01	17.95	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:28:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.05	0.05	0.06	33.78	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	18.24	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	22.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.18	0.22	0.12	0.17	27.34	ppb
Zirconium	90-1	0.22	0.20	0.11	0.17	32.71	ppb
Zirconium	91-1	0.43	0.29	0.17	0.30	43.60	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSA47	Instrumnet Name :	P8
Client Sample ID :	ICSA47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:32:03	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94392.99	92453.65	98695.25	95180.63	3.36	ppb
Antimony	121-1	1.14	1.15	1.13	1.14	1.01	ppb
Arsenic	75-2	0.29	0.25	0.30	0.28	10.25	ppb
Barium	135-1	1.43	1.62	1.51	1.52	6.39	ppb
Barium	137-1	1.52	1.52	1.65	1.56	4.92	ppb
Beryllium	9-1	0.29	0.32	0.30	0.31	4.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	7.85	7.72	7.40	7.66	3.05	ppb
Boron	11-1	7.69	7.89	7.73	7.77	1.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.23	0.02	0.13	78.01	ppb
Cadmium	106-1	-3.12	-4.10	-4.56	-3.93		ppb
Cadmium	108-1	11.23	9.81	9.86	10.30	7.78	ppb
Calcium	43-1	100776.51	97793.26	101556.30	100042.02	1.99	ppb
Calcium	44-1	98171.34	95682.10	100983.57	98279.00	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.27	19.11	19.66	19.35	1.47	ppb
Cobalt	59-2	1.19	1.16	1.16	1.17	1.19	ppb
Copper	63-2	7.62	7.40	7.70	7.57	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	54-2	106026.51	103261.39	106227.66	105171.86	1.58	ppb
Iron	56-2	104109.66	103757.06	107970.25	105278.99	2.22	ppb
Iron	57-2	104746.06	106113.54	109509.50	106789.70	2.30	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSA47	Instrumnet Name :	P8
Client Sample ID :	ICSA47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:32:03	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.65	4.84	4.77	4.76	1.98	ppb
Lead	207-1	3.90	4.32	4.46	4.23	6.81	ppb
Lead	208-1	4.31	4.46	4.54	4.44	2.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	94890.11	92631.04	97681.79	95067.65	2.66	ppb
Manganese	55-2	7.48	7.70	8.18	7.79	4.59	ppb
Molybdenum	94-1	1381.14	1341.89	1394.00	1372.35	1.98	ppb
Molybdenum	95-1	1981.67	1904.96	2013.94	1966.86	2.85	ppb
Molybdenum	96-1	1884.71	1812.31	1919.86	1872.30	2.93	ppb
Molybdenum	97-1	1960.53	1891.88	1958.55	1936.99	2.02	ppb
Molybdenum	98-1	1953.47	1858.18	1936.35	1916.00	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.64	5.64	5.78	5.69	1.45	ppb
Phosphorus	31-2	98439.43	95489.27	101699.84	98542.85	3.15	ppb
Potassium	39-2	95277.05	95502.38	100907.80	97229.08	3.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	0.86	0.61	0.24	0.57	54.89	ppb
Selenium	77-2	-0.22	0.40	-0.22	-0.02		ppb
Selenium	78-2	-0.49	0.50	0.41	0.14	379.34	ppb
Silicon	28-1	29.06	25.66	28.49	27.73	6.57	ppb
Silver	107-1	0.06	0.03	0.04	0.04	29.78	ppb
Silver	109-1	0.04	0.03	0.04	0.04	16.78	ppb
Sodium	23-2	99499.88	96259.65	102175.52	99311.68	2.98	ppb
Strontium	86-1	34.83	33.93	35.23	34.66	1.93	ppb
Strontium	88-1	34.72	34.21	35.59	34.84	2.01	ppb
Sulfur	34-1	93016.72	91028.85	93707.21	92584.26	1.50	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.04	0.03	0.03	11.10	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.24	ppb
Tin	118-1	0.11	0.15	0.14	0.14	15.47	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSA47	Instrumnet Name :	P8
Client Sample ID :	ICSA47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:32:03	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2043.74	1982.60	2048.39	2024.91	1.81	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	11.80	ppb
Vanadium	51-2	0.16	0.16	0.19	0.17	9.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	10.97	10.59	11.18	10.91	2.70	ppb
Zirconium	90-1	0.44	0.34	0.48	0.42	16.32	ppb
Zirconium	91-1	0.37	0.12	0.43	0.31	52.78	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSAB47	Instrumnet Name :	P8
Client Sample ID :	ICSAB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:45:59	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97838.55	96223.46	96534.31	96865.44	0.88	ppb
Antimony	121-1	20.92	21.11	20.83	20.95	0.69	ppb
Arsenic	75-2	21.15	20.77	20.29	20.74	2.08	ppb
Barium	135-1	21.25	21.89	21.31	21.48	1.65	ppb
Barium	137-1	21.95	21.38	21.69	21.67	1.32	ppb
Beryllium	9-1	21.47	20.81	21.37	21.22	1.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	49.42	52.96	52.64	51.67	3.80	ppb
Boron	11-1	51.97	50.55	53.16	51.89	2.51	ppb
Bromine	81-1						cps
Cadmium	111-1	20.32	20.14	19.40	19.95	2.42	ppb
Cadmium	106-1	18.87	20.07	17.06	18.67	8.12	ppb
Cadmium	108-1	30.01	29.99	32.72	30.91	5.08	ppb
Calcium	43-1	102885.89	98290.99	100181.92	100452.93	2.30	ppb
Calcium	44-1	100049.87	98610.48	99407.01	99355.78	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.33	38.40	38.33	38.69	1.44	ppb
Cobalt	59-2	20.85	20.38	20.55	20.59	1.14	ppb
Copper	63-2	26.79	26.45	26.65	26.63	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	106390.86	102912.79	105959.51	105087.72	1.80	ppb
Iron	56-2	106238.17	103891.36	105039.20	105056.24	1.12	ppb
Iron	57-2	108301.99	104544.42	104936.50	105927.64	1.95	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSAB47	Instrumnet Name :	P8
Client Sample ID :	ICSAB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:45:59	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.23	24.38	24.94	24.52	1.51	ppb
Lead	207-1	23.60	22.69	23.83	23.37	2.58	ppb
Lead	208-1	23.44	23.18	24.28	23.64	2.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	97633.79	95024.61	95548.05	96068.82	1.44	ppb
Manganese	55-2	27.54	26.57	26.69	26.93	1.97	ppb
Molybdenum	94-1	1479.94	1406.76	1485.01	1457.23	3.00	ppb
Molybdenum	95-1	1976.71	1937.96	2043.81	1986.16	2.70	ppb
Molybdenum	96-1	1916.11	1858.66	1959.22	1911.33	2.64	ppb
Molybdenum	97-1	1989.98	1929.84	2012.58	1977.47	2.16	ppb
Molybdenum	98-1	1952.78	1911.22	2021.14	1961.71	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.88	25.44	25.33	25.55	1.14	ppb
Phosphorus	31-2	101327.93	97658.94	99339.23	99442.03	1.85	ppb
Potassium	39-2	98626.84	98447.88	98344.93	98473.22	0.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	82-1	19.35	19.91	20.33	19.86	2.47	ppb
Selenium	77-2	21.00	23.24	19.04	21.09	9.95	ppb
Selenium	78-2	21.46	18.42	20.34	20.08	7.65	ppb
Silicon	28-1	78.84	76.84	80.70	78.80	2.45	ppb
Silver	107-1	19.02	19.13	19.12	19.09	0.32	ppb
Silver	109-1	19.48	19.40	19.09	19.33	1.06	ppb
Sodium	23-2	101458.72	100429.83	100134.78	100674.44	0.69	ppb
Strontium	86-1	77.11	77.66	81.30	78.69	2.89	ppb
Strontium	88-1	78.58	80.38	80.90	79.95	1.52	ppb
Sulfur	34-1	94366.16	94033.05	92286.68	93561.96	1.19	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	20.09	19.67	21.02	20.26	3.41	ppb
Thallium	205-1	19.61	20.06	21.18	20.28	3.98	ppb
Tin	118-1	45.89	45.70	45.98	45.86	0.31	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSAB47	Instrumnet Name :	P8
Client Sample ID :	ICSAB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:45:59	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2103.52	2037.28	2057.56	2066.12	1.64	ppb
Uranium	238-1	43.11	43.45	44.86	43.81	2.11	ppb
Vanadium	51-2	20.30	19.57	19.66	19.84	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	35.29	34.31	35.01	34.87	1.44	ppb
Zirconium	90-1	456.09	443.36	457.11	452.18	1.69	ppb
Zirconium	91-1	443.25	429.16	460.81	444.41	3.57	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:50:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49186.22	49033.96	48064.93	48761.71	1.25	ppb
Antimony	121-1	482.00	507.07	480.58	489.88	3.04	ppb
Arsenic	75-2	529.42	521.76	512.12	521.10	1.66	ppb
Barium	135-1	2344.59	2540.69	2496.72	2460.67	4.18	ppb
Barium	137-1	2325.86	2487.37	2500.22	2437.82	3.99	ppb
Beryllium	9-1	521.70	503.03	504.52	509.75	2.04	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	507.09	511.47	519.82	512.79	1.26	ppb
Boron	11-1	505.01	516.07	536.62	519.24	3.09	ppb
Bromine	81-1						cps
Cadmium	111-1	494.70	518.98	498.63	504.10	2.59	ppb
Cadmium	106-1	488.91	514.04	484.68	495.88	3.20	ppb
Cadmium	108-1	486.59	527.91	505.90	506.80	4.08	ppb
Calcium	43-1	248134.33	255294.98	239623.18	247684.17	3.17	ppb
Calcium	44-1	250630.31	253367.28	238757.21	247584.93	3.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.97	504.82	486.61	494.13	1.92	ppb
Cobalt	59-2	494.01	493.54	487.61	491.72	0.73	ppb
Copper	63-2	4798.32	4698.32	4708.45	4735.03	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	54-2	127717.13	128351.39	126128.90	127399.14	0.90	ppb
Iron	56-2	128916.23	128134.54	127555.19	128201.99	0.53	ppb
Iron	57-2	128328.55	128128.63	126221.03	127559.41	0.91	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:50:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2432.44	2487.08	2465.66	2461.72	1.12	ppb
Lead	207-1	2454.71	2485.69	2455.24	2465.21	0.72	ppb
Lead	208-1	2469.50	2508.98	2444.01	2474.17	1.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	248061.59	249874.00	244703.70	247546.43	1.06	ppb
Manganese	55-2	5002.86	4994.24	4909.58	4968.89	1.04	ppb
Molybdenum	94-1	2463.63	2558.93	2409.53	2477.37	3.05	ppb
Molybdenum	95-1	2441.72	2552.80	2428.47	2474.33	2.76	ppb
Molybdenum	96-1	2460.59	2586.59	2391.33	2479.50	3.99	ppb
Molybdenum	97-1	2426.93	2577.27	2326.16	2443.45	5.17	ppb
Molybdenum	98-1	2367.10	2536.28	2354.14	2419.17	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.24	484.15	475.00	482.79	1.49	ppb
Phosphorus	31-2	10462.89	10130.93	9822.57	10138.80	3.16	ppb
Potassium	39-2	125762.92	123412.33	120797.83	123324.36	2.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	503.00	522.63	483.13	502.92	3.93	ppb
Selenium	77-2	526.64	497.35	523.02	515.67	3.10	ppb
Selenium	78-2	530.71	523.60	508.07	520.79	2.22	ppb
Silicon	28-1	503.94	548.80	552.32	535.02	5.04	ppb
Silver	107-1	497.73	512.40	505.53	505.22	1.45	ppb
Silver	109-1	478.06	525.75	514.25	506.02	4.92	ppb
Sodium	23-2	250881.77	248879.63	240682.73	246814.71	2.19	ppb
Strontium	86-1	4854.01	5091.26	4747.91	4897.73	3.59	ppb
Strontium	88-1	4843.80	5053.46	4700.44	4865.90	3.65	ppb
Sulfur	34-1	11027.44	11222.46	10231.19	10827.03	4.85	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	495.54	513.91	498.02	502.49	1.98	ppb
Thallium	205-1	494.13	504.88	494.84	497.95	1.21	ppb
Tin	118-1	489.05	522.51	493.36	501.64	3.63	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:50:04	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2494.63	2554.06	2448.52	2499.07	2.12	ppb
Uranium	238-1	500.61	505.25	489.46	498.44	1.63	ppb
Vanadium	51-2	496.42	493.50	484.92	491.62	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	4704.54	4694.84	4579.51	4659.63	1.49	ppb
Zirconium	90-1	4952.35	5122.26	4788.57	4954.39	3.37	ppb
Zirconium	91-1	4883.63	5175.90	4871.02	4976.85	3.47	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:58:02	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.18	7.50	8.08	7.92	4.60	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	10.60	ppb
Arsenic	75-2	0.02	-0.01	0.04	0.02	154.60	ppb
Barium	135-1	0.15	0.21	0.15	0.17	19.27	ppb
Barium	137-1	0.17	0.14	0.16	0.15	9.43	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	12.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	11.02	9.94	9.93	10.30	6.06	ppb
Boron	11-1	11.03	10.67	10.56	10.75	2.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.15	-0.20	-0.19		ppb
Cadmium	106-1	-3.69	-2.84	-3.79	-3.44		ppb
Cadmium	108-1	0.14	-0.07	-0.03	0.02	664.24	ppb
Calcium	43-1	20.13	20.39	22.24	20.92	5.49	ppb
Calcium	44-1	42.40	38.16	45.75	42.10	9.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.06	0.05	31.41	ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	17.51	ppb
Copper	63-2	0.33	0.30	0.32	0.32	5.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	14.38	10.40	13.06	12.62	16.06	ppb
Iron	56-2	12.09	13.02	12.49	12.53	3.70	ppb
Iron	57-2	13.75	11.30	13.63	12.89	10.73	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:58:02	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.18	0.21	0.20	8.07	ppb
Lead	207-1	0.18	0.21	0.18	0.19	7.63	ppb
Lead	208-1	0.20	0.20	0.19	0.20	2.53	ppb
Lithium	6-1				96		%
Magnesium	24-2	21.34	18.74	18.73	19.60	7.67	ppb
Manganese	55-2	0.34	0.29	0.31	0.31	7.27	ppb
Molybdenum	94-1	0.23	0.29	0.30	0.27	14.32	ppb
Molybdenum	95-1	0.28	0.27	0.25	0.27	5.60	ppb
Molybdenum	96-1	0.28	0.24	0.27	0.26	7.41	ppb
Molybdenum	97-1	0.33	0.29	0.30	0.31	7.95	ppb
Molybdenum	98-1	0.30	0.34	0.29	0.31	9.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.05	0.04	25.68	ppb
Phosphorus	31-2	13.45	0.15	-0.06	4.51	171.49	ppb
Potassium	39-2	19.44	22.45	17.04	19.64	13.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				110		%
Selenium	82-1	0.52	0.93	1.02	0.83	32.15	ppb
Selenium	77-2	-0.22	0.40	-0.22	-0.02		ppb
Selenium	78-2	0.44	-0.06	0.62	0.34	104.36	ppb
Silicon	28-1	-0.77	-3.58	1.64	-0.90		ppb
Silver	107-1	0.02	0.02	0.04	0.03	41.87	ppb
Silver	109-1	0.02	0.03	0.03	0.03	18.54	ppb
Sodium	23-2	31.39	31.36	28.69	30.48	5.09	ppb
Strontium	86-1	0.32	0.32	0.45	0.36	20.62	ppb
Strontium	88-1	0.33	0.33	0.34	0.33	2.69	ppb
Sulfur	34-1	-913.07	-1362.49	-761.33	-1012.30		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.02	-0.01	0.02	136.95	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	7.94	ppb
Tin	118-1	0.04	0.04	0.01	0.03	67.10	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:58:02	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.16	0.25	0.21	20.92	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	14.77	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	24.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				109		%
Zinc	66-2	0.33	0.48	0.37	0.39	19.52	ppb
Zirconium	90-1	0.33	0.42	0.32	0.36	15.50	ppb
Zirconium	91-1	0.47	0.26	0.42	0.38	29.03	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:01:07	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.00	25.06	24.06	24.04	4.28	ppb
Antimony	121-1	1.94	1.77	1.92	1.87	4.96	ppb
Arsenic	75-2	0.85	1.01	0.91	0.92	8.59	ppb
Barium	135-1	9.01	9.00	8.82	8.95	1.18	ppb
Barium	137-1	9.53	8.82	9.46	9.27	4.24	ppb
Beryllium	9-1	0.99	0.95	0.94	0.96	2.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	24.99	28.31	26.96	26.75	6.25	ppb
Boron	11-1	26.89	28.29	28.12	27.76	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.86	0.77	0.86	9.94	ppb
Cadmium	106-1	0.03	-1.80	-1.55	-1.10		ppb
Cadmium	108-1	0.89	0.74	0.93	0.85	11.99	ppb
Calcium	43-1	466.15	443.05	437.69	448.96	3.37	ppb
Calcium	44-1	482.35	451.46	453.83	462.55	3.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.65	1.82	1.62	1.70	6.51	ppb
Cobalt	59-2	0.89	0.87	0.86	0.87	1.98	ppb
Copper	63-2	1.95	2.01	1.87	1.95	3.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				110		%
Iron	54-2	59.42	54.12	59.61	57.72	5.41	ppb
Iron	56-2	57.96	57.49	53.92	56.46	3.92	ppb
Iron	57-2	58.96	60.87	58.15	59.33	2.35	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:01:07	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	0.94	0.98	0.99	6.44	ppb
Lead	207-1	1.08	0.94	0.90	0.97	9.53	ppb
Lead	208-1	1.06	0.96	0.95	0.99	6.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	457.10	455.64	431.42	448.06	3.22	ppb
Manganese	55-2	1.23	1.23	1.07	1.18	8.03	ppb
Molybdenum	94-1	4.91	4.37	4.69	4.66	5.85	ppb
Molybdenum	95-1	4.87	4.31	4.74	4.64	6.26	ppb
Molybdenum	96-1	4.69	4.39	4.62	4.57	3.43	ppb
Molybdenum	97-1	4.88	4.57	4.61	4.69	3.63	ppb
Molybdenum	98-1	4.69	4.32	4.48	4.50	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.00	0.94	0.98	3.48	ppb
Phosphorus	31-2	6.70	18.06	-2.29	7.49	136.14	ppb
Potassium	39-2	447.19	451.31	404.13	434.21	6.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				112		%
Selenium	82-1	5.51	5.01	4.68	5.07	8.20	ppb
Selenium	77-2	2.22	4.13	3.36	3.23	29.68	ppb
Selenium	78-2	6.10	3.67	4.53	4.77	25.85	ppb
Silicon	28-1	11.95	7.44	7.45	8.95	29.06	ppb
Silver	107-1	0.96	0.90	0.93	0.93	3.24	ppb
Silver	109-1	0.89	0.93	0.96	0.93	3.85	ppb
Sodium	23-2	468.14	474.88	431.69	458.24	5.07	ppb
Strontium	86-1	1.48	1.20	1.29	1.32	10.64	ppb
Strontium	88-1	1.35	1.20	1.21	1.25	6.74	ppb
Sulfur	34-1	-655.79	-1281.72	-1110.68	-1016.06		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.90	0.82	0.95	0.89	7.22	ppb
Thallium	205-1	0.94	0.85	0.86	0.88	5.47	ppb
Tin	118-1	4.73	4.46	4.49	4.56	3.19	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:01:07	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.85	4.40	4.43	4.56	5.46	ppb
Uranium	238-1	0.93	0.79	0.79	0.83	9.63	ppb
Vanadium	51-2	4.55	4.50	4.06	4.37	6.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				112		%
Zinc	66-2	2.10	2.04	2.06	2.07	1.52	ppb
Zirconium	90-1	8.77	8.55	8.49	8.60	1.72	ppb
Zirconium	91-1	8.22	8.76	9.66	8.88	8.18	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : PB139814BL Instrumnet Name : P8
 Client Sample ID : PB139814BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:08:16 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.68	4.47	3.27	3.81	16.02	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	15.18	ppb
Arsenic	75-2	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.14	0.12	0.22	0.16	33.60	ppb
Barium	137-1	0.20	0.17	0.17	0.18	10.01	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	13.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	5.51	4.29	4.82	4.88	12.49	ppb
Boron	11-1	5.71	5.35	5.01	5.36	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.20	-0.13	-0.23		ppb
Cadmium	106-1	-5.49	-3.07	-2.45	-3.67		ppb
Cadmium	108-1	0.15	0.23	0.06	0.14	57.61	ppb
Calcium	43-1	17.80	17.87	19.60	18.43	5.53	ppb
Calcium	44-1	39.78	33.53	32.18	35.16	11.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.03	0.02	82.34	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	27.53	ppb
Copper	63-2	0.12	0.14	0.08	0.11	28.18	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				103		%
Indium	115-1				100		%
Indium	115-2				108		%
Iron	54-2	6.79	5.37	5.09	5.75	15.85	ppb
Iron	56-2	5.77	6.14	5.17	5.69	8.54	ppb
Iron	57-2	5.39	8.23	6.12	6.58	22.39	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BL	Instrumnet Name :	P8
Client Sample ID :	PB139814BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:08:16	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.09	0.18	0.15	34.65	ppb
Lead	207-1	0.13	0.10	0.18	0.14	32.26	ppb
Lead	208-1	0.16	0.12	0.16	0.14	16.02	ppb
Lithium	6-1				91		%
Magnesium	24-2	9.55	7.61	7.93	8.36	12.44	ppb
Manganese	55-2	0.11	0.13	0.12	0.12	5.02	ppb
Molybdenum	94-1	0.29	0.22	0.24	0.25	15.85	ppb
Molybdenum	95-1	0.21	0.24	0.26	0.24	12.57	ppb
Molybdenum	96-1	0.25	0.25	0.29	0.26	7.62	ppb
Molybdenum	97-1	0.21	0.26	0.24	0.24	11.20	ppb
Molybdenum	98-1	0.25	0.24	0.27	0.25	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	119.16	ppb
Phosphorus	31-2	-15.90	-4.69	-3.46	-8.02		ppb
Potassium	39-2	10.04	6.72	0.75	5.84	80.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				112		%
Selenium	82-1	0.76	-0.03	0.31	0.35	113.94	ppb
Selenium	77-2	-0.22	0.42	1.03	0.41	153.37	ppb
Selenium	78-2	-0.46	-0.28	2.12	0.46	312.13	ppb
Silicon	28-1	4.08	5.36	-1.22	2.74	127.32	ppb
Silver	107-1	0.01	0.01	0.02	0.01	35.55	ppb
Silver	109-1	0.02	0.01	0.01	0.01	23.12	ppb
Sodium	23-2	8.52	6.85	5.99	7.12	18.08	ppb
Strontium	86-1	0.40	0.34	0.28	0.34	17.75	ppb
Strontium	88-1	0.32	0.31	0.31	0.31	2.42	ppb
Sulfur	34-1	-133.09	-731.58	-770.05	-544.91		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.03	0.01	87.70	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	26.24	ppb
Tin	118-1	0.05	0.02	0.03	0.03	56.63	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BL	Instrumnet Name :	P8
Client Sample ID :	PB139814BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:08:16	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.25	0.37	0.33	20.36	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	13.55	ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	65.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				109		%
Zinc	66-2	0.10	0.19	-0.22	0.02	957.93	ppb
Zirconium	90-1	0.19	0.38	0.25	0.27	34.16	ppb
Zirconium	91-1	0.43	0.43	0.25	0.37	28.35	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BS	Instrumnet Name :	P8
Client Sample ID :	PB139814BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:11:19	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9902.10	9860.80	9969.69	9910.87	0.55	ppb
Antimony	121-1	509.30	515.54	522.93	515.93	1.32	ppb
Arsenic	75-2	507.30	503.07	513.27	507.88	1.01	ppb
Barium	135-1	2530.66	2568.51	2580.84	2560.00	1.02	ppb
Barium	137-1	2523.11	2543.36	2572.47	2546.31	0.97	ppb
Beryllium	9-1	485.48	517.96	520.50	507.98	3.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	444.60	482.70	517.61	481.64	7.58	ppb
Boron	11-1	442.83	492.33	512.40	482.52	7.42	ppb
Bromine	81-1						cps
Cadmium	111-1	517.51	517.63	530.96	522.03	1.48	ppb
Cadmium	106-1	509.38	501.80	513.24	508.14	1.14	ppb
Cadmium	108-1	511.34	525.01	519.25	518.54	1.32	ppb
Calcium	43-1	54167.32	52439.75	55022.11	53876.39	2.44	ppb
Calcium	44-1	51893.40	50394.38	51753.66	51347.15	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.69	500.25	514.12	506.02	1.43	ppb
Cobalt	59-2	497.23	507.41	513.97	506.20	1.67	ppb
Copper	63-2	5009.52	5032.69	5126.94	5056.38	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	26927.55	27338.86	28038.14	27434.85	2.05	ppb
Iron	56-2	26751.79	26827.97	27389.06	26989.61	1.29	ppb
Iron	57-2	26576.45	27388.37	27901.75	27288.86	2.45	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BS	Instrumnet Name :	P8
Client Sample ID :	PB139814BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:11:19	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2556.79	2534.49	2467.03	2519.43	1.86	ppb
Lead	207-1	2575.75	2478.59	2463.31	2505.88	2.43	ppb
Lead	208-1	2543.15	2491.49	2462.68	2499.10	1.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	52381.96	51031.60	51796.64	51736.74	1.31	ppb
Manganese	55-2	4975.19	5006.46	5107.17	5029.60	1.37	ppb
Molybdenum	94-1	2505.18	2504.39	2487.60	2499.06	0.40	ppb
Molybdenum	95-1	2496.09	2513.35	2505.19	2504.88	0.34	ppb
Molybdenum	96-1	2460.58	2525.57	2524.02	2503.39	1.48	ppb
Molybdenum	97-1	2500.07	2450.54	2474.68	2475.09	1.00	ppb
Molybdenum	98-1	2454.27	2412.67	2424.82	2430.59	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.38	505.81	514.67	509.62	0.89	ppb
Phosphorus	31-2	10292.71	10039.74	10188.81	10173.76	1.25	ppb
Potassium	39-2	25240.55	25410.58	25908.57	25519.90	1.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	504.81	507.77	507.22	506.60	0.31	ppb
Selenium	77-2	512.79	533.21	525.98	523.99	1.98	ppb
Selenium	78-2	514.32	513.87	527.23	518.47	1.46	ppb
Silicon	28-1	520.58	500.24	539.63	520.15	3.79	ppb
Silver	107-1	526.53	510.30	528.68	521.84	1.93	ppb
Silver	109-1	521.36	529.97	533.55	528.29	1.19	ppb
Sodium	23-2	50313.28	51474.44	50397.40	50728.37	1.28	ppb
Strontium	86-1	4924.27	5067.38	4982.76	4991.47	1.44	ppb
Strontium	88-1	4887.62	4968.02	4950.85	4935.50	0.86	ppb
Sulfur	34-1	11655.38	11227.25	11541.87	11474.84	1.93	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	512.39	508.60	483.15	501.38	3.17	ppb
Thallium	205-1	508.39	505.36	481.70	498.48	2.93	ppb
Tin	118-1	521.47	512.14	525.21	519.60	1.30	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BS	Instrumnet Name :	P8
Client Sample ID :	PB139814BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:11:19	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2485.98	2446.82	2540.56	2491.12	1.89	ppb
Uranium	238-1	494.55	483.63	492.84	490.34	1.20	ppb
Vanadium	51-2	497.54	495.55	504.68	499.26	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	5065.57	4943.49	5119.24	5042.77	1.79	ppb
Zirconium	90-1	5110.08	4938.21	5006.52	5018.27	1.72	ppb
Zirconium	91-1	5063.99	4983.20	5041.80	5029.66	0.83	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.77	236.10	246.21	240.70	2.13	ppb
Antimony	121-1	0.39	0.40	0.41	0.40	3.19	ppb
Arsenic	75-2	1.00	1.06	0.96	1.01	5.33	ppb
Barium	135-1	67.73	67.46	67.68	67.62	0.21	ppb
Barium	137-1	68.89	68.16	68.24	68.43	0.58	ppb
Beryllium	9-1	0.10	0.07	0.07	0.08	22.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	174.92	168.15	170.83	171.30	1.99	ppb
Boron	11-1	179.28	174.73	177.59	177.20	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	0.06	-0.06	-0.04		ppb
Cadmium	106-1	-2.54	-0.47	-1.25	-1.42		ppb
Cadmium	108-1	0.16	0.07	0.13	0.12	39.73	ppb
Calcium	43-1	40833.05	38892.94	40020.00	39915.33	2.44	ppb
Calcium	44-1	40153.48	39043.66	40053.22	39750.12	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.64	0.68	0.66	0.66	3.24	ppb
Cobalt	59-2	0.34	0.36	0.36	0.35	3.42	ppb
Copper	63-2	2.16	2.16	2.15	2.15	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				111		%
Iron	54-2	436.08	422.62	452.28	436.99	3.40	ppb
Iron	56-2	453.05	426.96	423.76	434.59	3.70	ppb
Iron	57-2	449.42	431.44	465.26	448.71	3.77	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.74	0.74	0.79	10.50	ppb
Lead	207-1	0.92	0.72	0.72	0.79	14.83	ppb
Lead	208-1	0.90	0.77	0.77	0.81	9.64	ppb
Lithium	6-1				96		%
Magnesium	24-2	11199.81	10888.01	10784.45	10957.42	1.97	ppb
Manganese	55-2	291.27	282.91	286.85	287.01	1.46	ppb
Molybdenum	94-1	1.11	0.98	1.00	1.03	6.53	ppb
Molybdenum	95-1	1.21	1.05	1.02	1.09	9.17	ppb
Molybdenum	96-1	1.19	1.07	1.09	1.11	5.87	ppb
Molybdenum	97-1	1.28	1.03	1.04	1.12	12.79	ppb
Molybdenum	98-1	1.17	1.03	1.01	1.07	8.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.12	1.10	1.10	0.87	ppb
Phosphorus	31-2	238.33	236.21	193.83	222.79	11.27	ppb
Potassium	39-2	3046.32	2991.98	2964.75	3001.02	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				116		%
Selenium	82-1	1.54	0.21	1.08	0.94	71.48	ppb
Selenium	77-2	2.21	0.97	2.14	1.77	39.18	ppb
Selenium	78-2	0.40	-0.16	0.22	0.15	190.26	ppb
Silicon	28-1	5053.42	4644.80	4811.38	4836.53	4.25	ppb
Silver	107-1	0.14	0.13	0.10	0.12	18.87	ppb
Silver	109-1	0.15	0.12	0.09	0.12	23.07	ppb
Sodium	23-2	61207.35	58592.48	58166.81	59322.21	2.78	ppb
Strontium	86-1	181.63	178.14	188.45	182.74	2.87	ppb
Strontium	88-1	182.75	179.55	183.06	181.79	1.07	ppb
Sulfur	34-1	15000.22	13842.47	14724.10	14522.27	4.16	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.07	0.07	0.04	0.06	34.74	ppb
Thallium	205-1	0.09	0.05	0.05	0.06	34.48	ppb
Tin	118-1	0.12	0.08	0.12	0.11	21.23	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.85	8.56	9.34	9.59	12.13	ppb
Uranium	238-1	0.21	0.21	0.20	0.21	4.38	ppb
Vanadium	51-2	1.90	1.85	1.80	1.85	2.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				114		%
Zinc	66-2	30.05	29.15	29.27	29.49	1.65	ppb
Zirconium	90-1	2.19	1.62	1.95	1.92	14.90	ppb
Zirconium	91-1	2.10	3.44	2.26	2.60	28.02	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.44	10.91	8.76	10.04	11.25	ppb
Antimony	121-1	0.30	0.28	0.25	0.28	8.89	ppb
Arsenic	75-2	0.79	0.89	0.84	0.84	5.71	ppb
Barium	135-1	59.89	59.29	57.92	59.04	1.71	ppb
Barium	137-1	60.20	58.56	59.84	59.53	1.44	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	10.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	139.80	135.45	142.66	139.31	2.61	ppb
Boron	11-1	148.00	139.81	152.82	146.87	4.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.25	-0.17	-0.18		ppb
Cadmium	106-1	-2.16	-3.69	-2.48	-2.78		ppb
Cadmium	108-1	-0.13	-0.05	-0.07	-0.08		ppb
Calcium	43-1	40668.98	38952.40	40778.08	40133.15	2.55	ppb
Calcium	44-1	39479.17	39586.41	38561.36	39208.98	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.43	0.40	0.40	7.01	ppb
Cobalt	59-2	0.15	0.15	0.13	0.14	8.80	ppb
Copper	63-2	2.11	2.11	2.11	2.11	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	54-2	14.94	14.91	12.81	14.22	8.58	ppb
Iron	56-2	16.50	15.94	12.55	15.00	14.25	ppb
Iron	57-2	29.25	28.74	24.40	27.47	9.70	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.14	0.14	8.30	ppb
Lead	207-1	0.13	0.11	0.11	0.11	11.19	ppb
Lead	208-1	0.12	0.13	0.14	0.13	5.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	11184.33	11017.55	11324.71	11175.53	1.38	ppb
Manganese	55-2	68.92	67.18	69.28	68.46	1.64	ppb
Molybdenum	94-1	0.69	0.60	0.59	0.63	9.06	ppb
Molybdenum	95-1	0.80	0.74	0.69	0.74	7.48	ppb
Molybdenum	96-1	0.75	0.74	0.75	0.75	0.46	ppb
Molybdenum	97-1	0.73	0.72	0.75	0.73	2.51	ppb
Molybdenum	98-1	0.73	0.80	0.80	0.77	4.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.88	0.85	0.84	5.58	ppb
Phosphorus	31-2	180.69	129.28	136.21	148.73	18.76	ppb
Potassium	39-2	2945.81	2875.65	2931.14	2917.54	1.27	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	0.56	0.26	0.24	0.35	50.58	ppb
Selenium	77-2	-0.22	-0.22	0.40	-0.01		ppb
Selenium	78-2	-0.19	0.55	2.11	0.82	142.41	ppb
Silicon	28-1	4588.83	4284.75	4490.60	4454.73	3.48	ppb
Silver	107-1	0.01	0.01	0.02	0.01	59.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.22	ppb
Sodium	23-2	51344.15	51165.96	52328.57	51612.89	1.21	ppb
Strontium	86-1	181.63	174.47	182.13	179.41	2.39	ppb
Strontium	88-1	181.76	177.55	182.81	180.71	1.54	ppb
Sulfur	34-1	15527.37	13579.76	15065.21	14724.11	6.91	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.01	0.00	81.75	ppb
Tin	118-1	0.13	0.17	0.19	0.17	17.62	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.44	0.44	0.40	0.42	5.33	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	0.30	ppb
Vanadium	51-2	1.09	1.16	1.03	1.09	5.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	48.05	44.55	47.24	46.62	3.93	ppb
Zirconium	90-1	0.50	0.28	0.34	0.37	30.36	ppb
Zirconium	91-1	0.83	0.57	0.54	0.65	24.41	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15413.35	14868.50	13657.44	14646.43	6.14	ppb
Antimony	121-1	2.49	2.61	2.46	2.52	3.04	ppb
Arsenic	75-2	11.01	11.23	9.86	10.70	6.88	ppb
Barium	135-1	220.11	219.72	216.86	218.90	0.81	ppb
Barium	137-1	220.76	217.60	217.12	218.49	0.91	ppb
Beryllium	9-1	1.08	1.10	1.04	1.07	3.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	410.98	419.14	420.77	416.96	1.26	ppb
Boron	11-1	431.79	450.05	435.89	439.24	2.18	ppb
Bromine	81-1						cps
Cadmium	111-1	1.20	1.22	1.19	1.20	1.25	ppb
Cadmium	106-1	-2.09	-1.11	-1.79	-1.66		ppb
Cadmium	108-1	2.00	2.20	1.81	2.00	9.83	ppb
Calcium	43-1	111923.27	110993.03	112089.39	111668.56	0.53	ppb
Calcium	44-1	112669.38	110385.04	111204.40	111419.61	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.22	29.24	26.36	28.60	7.01	ppb
Cobalt	59-2	14.45	14.24	12.74	13.81	6.76	ppb
Copper	63-2	95.91	91.91	84.94	90.92	6.11	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				108		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				115		%
Iron	54-2	23292.07	22781.55	21018.88	22364.16	5.33	ppb
Iron	56-2	23210.58	22349.57	20416.35	21992.17	6.51	ppb
Iron	57-2	22626.00	21745.71	20217.43	21529.72	5.66	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	100.95	105.74	102.21	102.96	2.41	ppb
Lead	207-1	101.85	101.40	100.40	101.22	0.73	ppb
Lead	208-1	101.51	102.52	100.89	101.64	0.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	13654.29	12734.04	11984.78	12791.03	6.54	ppb
Manganese	55-2	1107.03	1084.23	996.12	1062.46	5.51	ppb
Molybdenum	94-1	7.95	8.06	8.25	8.09	1.85	ppb
Molybdenum	95-1	8.70	8.67	8.69	8.69	0.19	ppb
Molybdenum	96-1	8.88	8.80	8.92	8.86	0.72	ppb
Molybdenum	97-1	8.70	8.78	8.71	8.73	0.49	ppb
Molybdenum	98-1	8.78	8.54	8.29	8.53	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.84	68.02	62.31	66.72	5.89	ppb
Phosphorus	31-2	3620.71	3406.51	2956.14	3327.78	10.19	ppb
Potassium	39-2	13830.94	13427.11	12380.69	13212.91	5.66	ppb
Rhodium	103-1				106		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	82-1	1.70	1.89	1.95	1.85	7.04	ppb
Selenium	77-2	14.17	17.58	17.06	16.27	11.28	ppb
Selenium	78-2	5.60	4.65	3.38	4.54	24.52	ppb
Silicon	28-1	22143.94	23419.66	23493.76	23019.12	3.30	ppb
Silver	107-1	0.41	0.40	0.41	0.41	0.99	ppb
Silver	109-1	0.41	0.41	0.45	0.42	5.52	ppb
Sodium	23-2	48266.07	45139.16	43693.73	45699.66	5.11	ppb
Strontium	86-1	421.55	424.28	422.94	422.92	0.32	ppb
Strontium	88-1	417.04	414.02	423.54	418.20	1.16	ppb
Sulfur	34-1	48485.52	46829.37	47144.53	47486.47	1.85	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.53	0.54	0.54	0.54	0.42	ppb
Thallium	205-1	0.55	0.53	0.55	0.55	1.79	ppb
Tin	118-1	2.41	2.52	2.44	2.46	2.48	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	447.18	438.62	446.41	444.07	1.07	ppb
Uranium	238-1	0.95	0.98	0.91	0.95	3.49	ppb
Vanadium	51-2	37.00	35.46	32.65	35.03	6.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				118		%
Zinc	66-2	774.13	747.99	694.48	738.86	5.49	ppb
Zirconium	90-1	11.63	10.98	11.93	11.52	4.22	ppb
Zirconium	91-1	12.91	11.90	12.30	12.37	4.12	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.21	12.53	11.49	12.08	4.41	ppb
Antimony	121-1	0.84	0.78	0.78	0.80	4.19	ppb
Arsenic	75-2	1.37	1.35	1.33	1.35	1.27	ppb
Barium	135-1	60.68	56.48	56.73	57.97	4.06	ppb
Barium	137-1	60.03	56.15	59.24	58.47	3.51	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	431.39	414.68	449.32	431.80	4.01	ppb
Boron	11-1	439.76	452.56	482.77	458.36	4.82	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.35	-0.31	-0.23		ppb
Cadmium	106-1	-0.48	-4.44	-4.27	-3.06		ppb
Cadmium	108-1	-0.18	0.28	-0.07	0.01	2566.38	ppb
Calcium	43-1	109414.94	102186.60	107420.63	106340.72	3.51	ppb
Calcium	44-1	108897.72	104299.82	106686.43	106627.99	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.05	1.01	1.04	1.03	1.73	ppb
Cobalt	59-2	0.69	0.71	0.70	0.70	0.93	ppb
Copper	63-2	11.00	10.74	11.10	10.95	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				110		%
Iron	54-2	286.94	279.61	289.21	285.25	1.76	ppb
Iron	56-2	290.68	288.45	291.90	290.34	0.60	ppb
Iron	57-2	314.40	323.50	332.57	323.49	2.81	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.09	0.10	0.08	24.83	ppb
Lead	207-1	0.10	0.06	0.07	0.08	25.39	ppb
Lead	208-1	0.07	0.08	0.08	0.08	7.42	ppb
Lithium	6-1				95		%
Magnesium	24-2	7652.76	7312.48	7839.75	7601.66	3.52	ppb
Manganese	55-2	640.34	621.75	628.42	630.17	1.49	ppb
Molybdenum	94-1	1.50	1.60	1.61	1.57	3.96	ppb
Molybdenum	95-1	2.02	1.95	1.91	1.96	2.80	ppb
Molybdenum	96-1	2.03	1.87	1.96	1.95	4.06	ppb
Molybdenum	97-1	2.09	1.97	1.99	2.02	3.30	ppb
Molybdenum	98-1	2.12	2.00	1.82	1.98	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.66	14.63	14.91	14.73	1.05	ppb
Phosphorus	31-2	378.07	414.85	421.97	404.96	5.82	ppb
Potassium	39-2	11465.38	11255.91	11838.25	11519.85	2.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	0.38	1.55	0.97	0.97	60.30	ppb
Selenium	77-2	1.00	-0.22	0.40	0.39	155.83	ppb
Selenium	78-2	0.86	0.11	0.78	0.59	70.31	ppb
Silicon	28-1	6208.97	6008.64	6061.23	6092.95	1.70	ppb
Silver	107-1	0.01	0.02	0.02	0.02	17.45	ppb
Silver	109-1	0.02	0.01	0.01	0.01	18.14	ppb
Sodium	23-2	46504.08	46211.28	48939.92	47218.43	3.17	ppb
Strontium	86-1	424.19	405.20	396.86	408.75	3.43	ppb
Strontium	88-1	417.47	395.39	394.18	402.35	3.26	ppb
Sulfur	34-1	48755.02	47179.52	49144.31	48359.62	2.15	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.15	0.13	0.13	0.13	6.99	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.93	0.89	1.00	0.94	5.99	ppb
Uranium	238-1	0.16	0.14	0.16	0.15	7.70	ppb
Vanadium	51-2	1.17	1.09	1.18	1.15	3.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				112		%
Zinc	66-2	19.97	19.06	19.73	19.59	2.39	ppb
Zirconium	90-1	1.43	1.27	1.10	1.27	13.04	ppb
Zirconium	91-1	0.92	1.30	1.44	1.22	22.04	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	300.31	247.16	254.53	267.33	10.77	ppb
Antimony	121-1	0.17	0.18	0.20	0.18	6.28	ppb
Arsenic	75-2	1.08	0.98	0.94	1.00	6.71	ppb
Barium	135-1	65.80	65.16	66.16	65.71	0.77	ppb
Barium	137-1	66.36	64.88	66.16	65.80	1.22	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	56.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	173.07	181.02	176.65	176.92	2.25	ppb
Boron	11-1	184.98	191.56	188.44	188.33	1.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.13	-0.20	-0.16		ppb
Cadmium	106-1	-2.23	-1.73	-2.87	-2.28		ppb
Cadmium	108-1	-0.13	-0.07	-0.01	-0.07		ppb
Calcium	43-1	40224.14	41169.85	40455.07	40616.36	1.21	ppb
Calcium	44-1	38862.59	39497.84	39782.59	39381.00	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.53	0.60	0.57	7.24	ppb
Cobalt	59-2	0.32	0.34	0.37	0.34	6.78	ppb
Copper	63-2	1.86	1.90	1.98	1.91	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	424.26	435.87	440.82	433.65	1.96	ppb
Iron	56-2	416.62	435.64	441.08	431.11	2.98	ppb
Iron	57-2	427.18	429.78	451.61	436.19	3.08	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.58	0.61	0.56	0.58	3.89	ppb
Lead	207-1	0.53	0.48	0.57	0.53	8.95	ppb
Lead	208-1	0.55	0.57	0.57	0.56	1.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	10983.48	11305.28	11648.83	11312.53	2.94	ppb
Manganese	55-2	285.11	292.69	299.74	292.51	2.50	ppb
Molybdenum	94-1	0.67	0.64	0.64	0.65	2.26	ppb
Molybdenum	95-1	0.65	0.78	0.70	0.71	9.82	ppb
Molybdenum	96-1	0.70	0.74	0.68	0.70	4.39	ppb
Molybdenum	97-1	0.67	0.65	0.68	0.67	2.36	ppb
Molybdenum	98-1	0.73	0.72	0.67	0.71	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.99	1.00	1.02	4.41	ppb
Phosphorus	31-2	246.65	213.03	247.51	235.73	8.34	ppb
Potassium	39-2	2911.96	3080.21	3092.59	3028.26	3.33	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.34	0.61	0.23	0.39	50.04	ppb
Selenium	77-2	-0.22	0.41	0.43	0.21	180.31	ppb
Selenium	78-2	1.50	0.31	0.19	0.67	108.19	ppb
Silicon	28-1	5017.05	4786.61	4882.40	4895.35	2.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.43	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.11	ppb
Sodium	23-2	58347.74	60109.93	62777.65	60411.77	3.69	ppb
Strontium	86-1	180.43	181.54	174.05	178.67	2.26	ppb
Strontium	88-1	176.61	181.22	178.40	178.75	1.30	ppb
Sulfur	34-1	15461.54	15021.92	15891.60	15458.36	2.81	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	-0.01	0.04	0.01	271.46	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.55	9.09	9.30	8.98	4.27	ppb
Uranium	238-1	0.17	0.15	0.16	0.16	4.63	ppb
Vanadium	51-2	1.96	1.89	1.88	1.91	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	24.27	24.62	25.21	24.70	1.92	ppb
Zirconium	90-1	2.01	1.33	1.37	1.57	24.26	ppb
Zirconium	91-1	1.71	1.43	2.74	1.96	35.17	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.50	48.30	45.04	47.28	4.10	ppb
Antimony	121-1	0.03	0.05	0.03	0.03	43.41	ppb
Arsenic	75-2	0.15	0.18	0.16	0.16	7.68	ppb
Barium	135-1	12.68	12.52	12.45	12.55	0.94	ppb
Barium	137-1	12.23	12.73	12.62	12.53	2.09	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	58.38	60.39	61.66	60.14	2.75	ppb
Boron	11-1	61.17	64.30	65.41	63.63	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.15	-0.19	-0.16		ppb
Cadmium	106-1	-1.89	-2.02	-2.63	-2.18		ppb
Cadmium	108-1	-0.07	0.08	-0.10	-0.03		ppb
Calcium	43-1	7408.54	7483.68	7466.22	7452.81	0.53	ppb
Calcium	44-1	7366.56	7479.54	7618.28	7488.13	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.11	0.11	0.12	11.79	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	1.04	ppb
Copper	63-2	0.38	0.36	0.37	0.37	3.80	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				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	89.54	80.12	74.02	81.23	9.63	ppb
Iron	56-2	95.59	85.10	78.45	86.38	10.01	ppb
Iron	57-2	92.19	79.06	80.54	83.93	8.57	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	7.73	ppb
Lead	207-1	0.02	0.09	0.09	0.07	60.81	ppb
Lead	208-1	0.07	0.09	0.07	0.08	17.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	2213.35	2104.56	2054.28	2124.06	3.83	ppb
Manganese	55-2	57.79	54.30	53.58	55.23	4.08	ppb
Molybdenum	94-1	0.16	0.12	0.15	0.15	15.52	ppb
Molybdenum	95-1	0.16	0.14	0.11	0.14	19.72	ppb
Molybdenum	96-1	0.12	0.15	0.12	0.13	13.12	ppb
Molybdenum	97-1	0.18	0.15	0.13	0.15	18.53	ppb
Molybdenum	98-1	0.15	0.14	0.16	0.15	7.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.21	0.18	15.66	ppb
Phosphorus	31-2	51.19	34.46	44.20	43.28	19.42	ppb
Potassium	39-2	594.58	571.50	549.47	571.85	3.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.46	1.40	-0.51	0.45	210.56	ppb
Selenium	77-2	1.10	1.04	1.04	1.06	3.31	ppb
Selenium	78-2	1.26	0.22	-0.85	0.21	498.20	ppb
Silicon	28-1	851.27	880.71	866.99	866.33	1.70	ppb
Silver	107-1	0.01	0.00	0.01	0.01	19.71	ppb
Silver	109-1	0.00	0.00	0.00	0.00	155.96	ppb
Sodium	23-2	11969.50	11511.52	11224.37	11568.46	3.25	ppb
Strontium	86-1	33.55	37.26	33.27	34.69	6.41	ppb
Strontium	88-1	33.74	34.29	33.79	33.94	0.91	ppb
Sulfur	34-1	2438.97	2565.82	2763.75	2589.51	6.32	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	-0.05	-0.05	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.05	-0.04	-0.04		ppb
Tin	118-1	0.02	0.01	-0.01	0.00	410.95	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.58	1.68	2.40	1.89	23.94	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.43	ppb
Vanadium	51-2	0.39	0.37	0.31	0.36	11.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4.66	4.82	4.29	4.59	5.95	ppb
Zirconium	90-1	0.25	0.24	0.25	0.25	1.95	ppb
Zirconium	91-1	0.08	0.49	0.41	0.33	65.95	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48426.82	50018.47	50430.65	49625.31	2.13	ppb
Antimony	121-1	508.41	499.15	502.46	503.34	0.93	ppb
Arsenic	75-2	506.46	528.95	520.57	518.66	2.19	ppb
Barium	135-1	2510.11	2526.10	2519.33	2518.51	0.32	ppb
Barium	137-1	2456.69	2483.34	2454.52	2464.85	0.65	ppb
Beryllium	9-1	508.48	537.76	515.38	520.54	2.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	514.51	550.54	546.80	537.28	3.69	ppb
Boron	11-1	514.29	556.21	546.09	538.87	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	499.19	518.65	521.67	513.17	2.38	ppb
Cadmium	106-1	502.04	519.92	520.75	514.23	2.06	ppb
Cadmium	108-1	502.50	500.45	523.52	508.83	2.51	ppb
Calcium	43-1	244283.71	246756.67	249839.24	246959.87	1.13	ppb
Calcium	44-1	242550.75	244460.63	246158.21	244389.86	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.26	516.11	502.92	507.43	1.48	ppb
Cobalt	59-2	494.62	501.31	496.67	497.53	0.69	ppb
Copper	63-2	4756.87	4855.99	4835.51	4816.12	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	127561.53	132301.10	129288.20	129716.94	1.85	ppb
Iron	56-2	126184.60	129634.78	128935.04	128251.47	1.42	ppb
Iron	57-2	128453.51	131625.30	128908.02	129662.28	1.32	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2480.66	2486.96	2441.04	2469.56	1.01	ppb
Lead	207-1	2469.73	2482.65	2472.61	2475.00	0.27	ppb
Lead	208-1	2490.98	2503.52	2467.65	2487.38	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	249016.49	257401.28	254332.47	253583.41	1.67	ppb
Manganese	55-2	4965.82	5131.62	5010.13	5035.86	1.70	ppb
Molybdenum	94-1	2460.46	2436.96	2484.92	2460.78	0.97	ppb
Molybdenum	95-1	2438.72	2446.91	2465.07	2450.23	0.55	ppb
Molybdenum	96-1	2452.12	2462.44	2491.73	2468.76	0.83	ppb
Molybdenum	97-1	2419.48	2478.42	2460.56	2452.82	1.23	ppb
Molybdenum	98-1	2424.90	2437.70	2406.65	2423.08	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.18	493.87	487.78	485.94	1.85	ppb
Phosphorus	31-2	9938.73	10450.95	10406.37	10265.35	2.76	ppb
Potassium	39-2	124564.02	126077.41	127012.82	125884.75	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	502.67	506.57	515.63	508.29	1.31	ppb
Selenium	77-2	487.05	531.61	516.61	511.76	4.43	ppb
Selenium	78-2	517.49	523.52	527.49	522.83	0.96	ppb
Silicon	28-1	531.04	524.70	549.72	535.15	2.43	ppb
Silver	107-1	495.34	513.64	529.14	512.71	3.30	ppb
Silver	109-1	516.19	510.62	513.08	513.30	0.54	ppb
Sodium	23-2	251004.76	255846.80	256749.51	254533.69	1.21	ppb
Strontium	86-1	4995.13	4955.09	4924.53	4958.25	0.71	ppb
Strontium	88-1	4862.20	4823.90	5008.63	4898.24	1.99	ppb
Sulfur	34-1	11941.17	12002.30	11732.62	11892.03	1.19	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	510.78	498.06	492.10	500.31	1.91	ppb
Thallium	205-1	497.63	497.73	478.41	491.26	2.27	ppb
Tin	118-1	498.99	497.62	515.52	504.04	1.98	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2493.31	2502.26	2449.95	2481.84	1.13	ppb
Uranium	238-1	495.04	511.65	495.44	500.71	1.89	ppb
Vanadium	51-2	490.03	504.22	501.81	498.68	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	4706.63	4762.63	4768.13	4745.80	0.72	ppb
Zirconium	90-1	4900.30	4956.02	4982.12	4946.15	0.84	ppb
Zirconium	91-1	4967.95	4942.12	5014.86	4974.98	0.74	ppb

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P8
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:45:47 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.52	0.66	0.54	21.35	ppb
Antimony	121-1	0.06	0.05	0.09	0.06	28.78	ppb
Arsenic	75-2	-0.04	-0.02	-0.05	-0.04		ppb
Barium	135-1	0.03	0.01	0.02	0.02	38.61	ppb
Barium	137-1	0.03	0.02	0.02	0.02	26.57	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	89.05	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	25.16	24.26	22.92	24.11	4.66	ppb
Boron	11-1	25.48	25.11	24.40	25.00	2.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.26	-0.14	-0.25	-0.22		ppb
Cadmium	106-1	-3.86	-2.32	-3.98	-3.39		ppb
Cadmium	108-1	0.10	-0.18	-0.15	-0.08		ppb
Calcium	43-1	-0.87	-0.85	-1.62	-1.12		ppb
Calcium	44-1	6.98	8.30	11.81	9.03	27.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.03	-0.03	0.00		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	760.49	ppb
Copper	63-2	0.02	0.03	-0.02	0.01	237.26	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				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	54-2	0.26	0.36	0.33	0.32	16.92	ppb
Iron	56-2	0.51	0.49	0.38	0.46	15.74	ppb
Iron	57-2	0.51	-0.25	1.84	0.70	150.79	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:45:47	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.03	0.06	0.05	37.29	ppb
Lead	207-1	0.05	0.03	0.03	0.04	28.96	ppb
Lead	208-1	0.06	0.04	0.05	0.05	18.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.74	0.29	0.22	0.42	67.54	ppb
Manganese	55-2	0.07	0.03	0.04	0.05	44.35	ppb
Molybdenum	94-1	0.05	0.06	0.02	0.05	46.50	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	31.19	ppb
Molybdenum	96-1	0.08	0.06	0.03	0.05	43.17	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	26.36	ppb
Molybdenum	98-1	0.07	0.04	0.06	0.06	19.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-13.54	9.45	-6.70	-3.60		ppb
Potassium	39-2	-2.16	-1.09	-0.74	-1.33		ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.21	-0.38	0.18	0.01	5856.94	ppb
Selenium	77-2	-0.22	-0.22	0.41	-0.01		ppb
Selenium	78-2	-0.09	0.97	0.12	0.33	168.17	ppb
Silicon	28-1	-5.85	-3.20	-2.21	-3.75		ppb
Silver	107-1	0.04	0.02	0.03	0.03	33.27	ppb
Silver	109-1	0.04	0.03	0.03	0.03	7.49	ppb
Sodium	23-2	13.83	12.51	9.95	12.09	16.29	ppb
Strontium	86-1	0.03	0.04	0.04	0.04	13.91	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	11.03	ppb
Sulfur	34-1	-1277.86	-1137.45	-769.79	-1061.70		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	-0.02	0.00		ppb
Thallium	205-1	0.02	0.00	-0.01	0.00	247.64	ppb
Tin	118-1	0.02	0.03	-0.01	0.01	211.75	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:45:47	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.07	0.04	0.04	56.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11.90	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	90.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	-0.08	0.02	0.20	0.05	288.89	ppb
Zirconium	90-1	0.14	0.09	0.05	0.09	48.25	ppb
Zirconium	91-1	0.13	0.08	0.11	0.10	26.32	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10065.01	10126.49	9806.10	9999.20	1.70	ppb
Antimony	121-1	546.38	507.88	509.01	521.09	4.20	ppb
Arsenic	75-2	546.14	542.61	539.99	542.91	0.57	ppb
Barium	135-1	2745.20	2590.39	2561.69	2632.42	3.75	ppb
Barium	137-1	2690.80	2564.37	2576.06	2610.41	2.68	ppb
Beryllium	9-1	553.92	527.84	509.39	530.39	4.22	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	641.00	627.26	633.92	634.06	1.08	ppb
Boron	11-1	647.79	639.34	658.74	648.62	1.50	ppb
Bromine	81-1						cps
Cadmium	111-1	546.48	508.38	530.68	528.51	3.62	ppb
Cadmium	106-1	542.17	514.39	530.86	529.14	2.64	ppb
Cadmium	108-1	549.11	509.31	516.90	525.11	4.02	ppb
Calcium	43-1	43074.70	40780.60	39732.45	41195.92	4.15	ppb
Calcium	44-1	42043.98	40369.50	39416.89	40610.12	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.05	529.81	500.38	510.75	3.24	ppb
Cobalt	59-2	541.24	533.47	520.05	531.59	2.02	ppb
Copper	63-2	6089.99	6166.27	5889.51	6048.59	2.36	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				99		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	54-2	28100.05	28251.95	27055.70	27802.56	2.34	ppb
Iron	56-2	27700.52	26999.64	26485.56	27061.91	2.25	ppb
Iron	57-2	28294.22	28012.48	27488.81	27931.84	1.46	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2688.07	2579.95	2489.55	2585.86	3.84	ppb
Lead	207-1	2733.86	2651.93	2525.74	2637.18	3.98	ppb
Lead	208-1	2733.10	2601.11	2522.25	2618.82	4.07	ppb
Lithium	6-1				93		%
Magnesium	24-2	11205.14	11330.48	10795.50	11110.37	2.52	ppb
Manganese	55-2	5864.07	5840.11	5770.48	5824.89	0.83	ppb
Molybdenum	94-1	2567.89	2568.81	2481.58	2539.43	1.97	ppb
Molybdenum	95-1	2609.49	2460.34	2492.38	2520.74	3.11	ppb
Molybdenum	96-1	2603.67	2455.60	2538.94	2532.74	2.93	ppb
Molybdenum	97-1	2598.85	2438.97	2528.40	2522.07	3.18	ppb
Molybdenum	98-1	2533.19	2414.47	2469.64	2472.43	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.27	519.55	510.06	515.63	0.96	ppb
Phosphorus	31-2	182.17	165.90	210.13	186.07	12.02	ppb
Potassium	39-2	27955.00	28243.98	27389.73	27862.90	1.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	532.48	514.67	511.97	519.71	2.14	ppb
Selenium	77-2	577.39	503.94	517.67	533.00	7.33	ppb
Selenium	78-2	529.26	525.97	523.45	526.22	0.55	ppb
Silicon	28-1	5900.14	5308.43	5172.95	5460.51	7.08	ppb
Silver	107-1	331.86	416.90	489.37	412.71	19.10	ppb
Silver	109-1	367.96	404.83	360.44	377.74	6.29	ppb
Sodium	23-2	58951.64	59997.56	58244.12	59064.44	1.49	ppb
Strontium	86-1	743.45	713.75	705.08	720.76	2.79	ppb
Strontium	88-1	730.49	694.39	684.57	703.15	3.44	ppb
Sulfur	34-1	16890.16	14947.13	14413.39	15416.89	8.45	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	529.38	504.97	504.92	513.09	2.75	ppb
Thallium	205-1	522.79	500.11	490.05	504.32	3.33	ppb
Tin	118-1	547.68	509.01	511.38	522.69	4.15	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2648.85	2389.90	2492.26	2510.34	5.20	ppb
Uranium	238-1	538.21	494.98	495.38	509.52	4.88	ppb
Vanadium	51-2	512.12	512.91	499.90	508.31	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	6018.73	5964.48	5877.15	5953.45	1.20	ppb
Zirconium	90-1	5240.32	4949.38	5090.55	5093.42	2.86	ppb
Zirconium	91-1	5340.46	4975.89	5007.86	5108.07	3.95	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9845.25	9997.71	9712.65	9851.87	1.45	ppb
Antimony	121-1	524.75	519.93	524.49	523.06	0.52	ppb
Arsenic	75-2	534.26	533.08	534.64	533.99	0.15	ppb
Barium	135-1	2658.33	2633.28	2636.03	2642.54	0.52	ppb
Barium	137-1	2623.65	2601.15	2601.73	2608.85	0.49	ppb
Beryllium	9-1	497.62	521.68	506.70	508.67	2.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	584.51	628.89	636.09	616.50	4.53	ppb
Boron	11-1	594.67	657.05	660.79	637.50	5.83	ppb
Bromine	81-1						cps
Cadmium	111-1	523.76	514.48	523.55	520.60	1.02	ppb
Cadmium	106-1	512.57	512.19	525.20	516.65	1.43	ppb
Cadmium	108-1	515.48	535.29	524.48	525.08	1.89	ppb
Calcium	43-1	38985.61	38379.01	38752.28	38705.63	0.79	ppb
Calcium	44-1	38768.70	39150.30	38766.06	38895.02	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.27	500.62	502.56	500.82	0.33	ppb
Cobalt	59-2	514.56	514.76	509.63	512.98	0.57	ppb
Copper	63-2	5915.00	5997.02	6068.86	5993.63	1.28	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				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	27540.32	27878.55	27716.33	27711.73	0.61	ppb
Iron	56-2	26720.28	26753.22	26338.70	26604.07	0.87	ppb
Iron	57-2	27380.54	26847.37	27364.42	27197.44	1.12	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2568.52	2587.59	2478.73	2544.95	2.28	ppb
Lead	207-1	2575.75	2581.45	2568.37	2575.19	0.25	ppb
Lead	208-1	2569.98	2560.72	2532.80	2554.50	0.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	10876.19	11052.52	10521.63	10816.78	2.50	ppb
Manganese	55-2	5734.96	5721.56	5710.25	5722.26	0.22	ppb
Molybdenum	94-1	2461.05	2468.37	2452.60	2460.67	0.32	ppb
Molybdenum	95-1	2485.62	2448.06	2442.75	2458.81	0.95	ppb
Molybdenum	96-1	2455.95	2429.39	2415.60	2433.65	0.84	ppb
Molybdenum	97-1	2470.08	2435.17	2381.94	2429.06	1.83	ppb
Molybdenum	98-1	2519.51	2370.78	2380.15	2423.48	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.03	511.52	503.80	508.45	0.81	ppb
Phosphorus	31-2	208.84	213.62	178.08	200.18	9.63	ppb
Potassium	39-2	27231.05	27343.29	26930.56	27168.30	0.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	82-1	509.94	504.69	499.14	504.59	1.07	ppb
Selenium	77-2	506.07	535.58	522.99	521.55	2.84	ppb
Selenium	78-2	503.77	511.59	516.63	510.67	1.27	ppb
Silicon	28-1	5570.17	5339.30	5368.53	5426.00	2.32	ppb
Silver	107-1	357.21	326.37	379.33	354.30	7.51	ppb
Silver	109-1	346.30	375.64	458.60	393.52	14.80	ppb
Sodium	23-2	57426.68	58831.29	56275.97	57511.31	2.23	ppb
Strontium	86-1	699.18	694.69	703.94	699.27	0.66	ppb
Strontium	88-1	692.89	683.33	685.54	687.25	0.73	ppb
Sulfur	34-1	14202.45	14768.46	14190.88	14387.26	2.29	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	513.25	526.55	500.21	513.34	2.57	ppb
Thallium	205-1	504.39	512.67	481.47	499.51	3.24	ppb
Tin	118-1	512.88	528.14	523.71	521.58	1.51	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2481.15	2431.41	2482.22	2464.93	1.18	ppb
Uranium	238-1	497.20	491.55	479.09	489.28	1.89	ppb
Vanadium	51-2	498.13	508.22	491.34	499.23	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	5836.63	5901.04	5820.22	5852.63	0.73	ppb
Zirconium	90-1	4858.08	4959.70	4973.84	4930.54	1.28	ppb
Zirconium	91-1	4980.45	4947.26	4949.29	4959.00	0.38	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9968.25	9867.65	9866.59	9900.83	0.59	ppb
Antimony	121-1	518.74	499.60	535.19	517.84	3.44	ppb
Arsenic	75-2	528.40	540.33	541.72	536.82	1.36	ppb
Barium	135-1	2604.74	2522.10	2700.18	2609.01	3.42	ppb
Barium	137-1	2559.62	2541.24	2590.03	2563.63	0.96	ppb
Beryllium	9-1	482.75	506.68	510.40	499.94	3.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	615.10	652.93	677.82	648.62	4.87	ppb
Boron	11-1	601.01	677.90	694.22	657.71	7.57	ppb
Bromine	81-1						cps
Cadmium	111-1	507.94	511.26	520.38	513.19	1.25	ppb
Cadmium	106-1	502.78	493.93	506.08	500.93	1.25	ppb
Cadmium	108-1	509.03	507.32	519.79	512.05	1.32	ppb
Calcium	43-1	38365.19	40670.30	39045.26	39360.25	3.01	ppb
Calcium	44-1	38352.94	39558.10	39192.68	39034.57	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.17	514.32	498.55	506.35	1.56	ppb
Cobalt	59-2	523.96	512.50	511.64	516.03	1.33	ppb
Copper	63-2	6068.03	6006.68	6010.69	6028.47	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	27907.31	27305.37	27154.83	27455.84	1.45	ppb
Iron	56-2	27171.10	26856.83	26699.86	26909.26	0.89	ppb
Iron	57-2	27774.82	27531.61	27107.18	27471.21	1.23	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2451.31	2540.93	2582.33	2524.85	2.65	ppb
Lead	207-1	2440.85	2492.94	2599.92	2511.24	3.23	ppb
Lead	208-1	2466.02	2495.84	2596.65	2519.50	2.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	11315.35	10627.18	10664.29	10868.94	3.56	ppb
Manganese	55-2	5838.98	5764.79	5708.33	5770.70	1.14	ppb
Molybdenum	94-1	2387.37	2387.27	2447.79	2407.47	1.45	ppb
Molybdenum	95-1	2380.61	2389.95	2379.48	2383.35	0.24	ppb
Molybdenum	96-1	2385.17	2403.47	2387.66	2392.10	0.41	ppb
Molybdenum	97-1	2356.11	2354.26	2382.82	2364.40	0.68	ppb
Molybdenum	98-1	2389.47	2291.87	2343.57	2341.64	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.24	520.07	507.73	514.34	1.21	ppb
Phosphorus	31-2	209.43	191.15	242.31	214.30	12.10	ppb
Potassium	39-2	27328.92	27370.86	27424.57	27374.78	0.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				111		%
Selenium	82-1	499.52	497.36	499.79	498.89	0.27	ppb
Selenium	77-2	520.65	565.44	521.87	535.99	4.76	ppb
Selenium	78-2	507.95	527.20	518.04	517.73	1.86	ppb
Silicon	28-1	5362.67	5602.59	5527.02	5497.43	2.23	ppb
Silver	107-1	453.30	460.17	477.12	463.53	2.64	ppb
Silver	109-1	501.01	564.87	455.48	507.12	10.84	ppb
Sodium	23-2	58544.14	58228.45	57040.01	57937.54	1.37	ppb
Strontium	86-1	695.79	681.04	694.02	690.28	1.17	ppb
Strontium	88-1	667.28	674.23	687.19	676.23	1.49	ppb
Sulfur	34-1	14955.93	14888.05	14799.15	14881.04	0.53	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	495.46	511.87	518.06	508.47	2.30	ppb
Thallium	205-1	479.86	491.42	507.69	492.99	2.84	ppb
Tin	118-1	514.99	501.67	531.44	516.03	2.89	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2379.23	2490.91	2482.63	2450.93	2.54	ppb
Uranium	238-1	474.28	498.96	498.67	490.64	2.89	ppb
Vanadium	51-2	508.59	501.67	502.57	504.27	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	5879.05	5850.78	5795.56	5841.80	0.73	ppb
Zirconium	90-1	4867.69	4842.85	4867.80	4859.45	0.30	ppb
Zirconium	91-1	4819.38	4812.50	4837.30	4823.06	0.27	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48841.31	48622.98	48750.26	48738.18	0.23	ppb
Antimony	121-1	524.99	507.02	486.52	506.18	3.80	ppb
Arsenic	75-2	511.87	519.24	512.39	514.50	0.80	ppb
Barium	135-1	2682.76	2539.15	2505.63	2575.85	3.65	ppb
Barium	137-1	2598.33	2452.97	2427.35	2492.88	3.70	ppb
Beryllium	9-1	502.35	501.15	512.40	505.30	1.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	539.11	547.80	597.14	561.35	5.58	ppb
Boron	11-1	559.02	560.05	600.25	573.11	4.10	ppb
Bromine	81-1						cps
Cadmium	111-1	539.83	518.58	516.28	524.90	2.47	ppb
Cadmium	106-1	533.33	513.29	510.99	519.21	2.37	ppb
Cadmium	108-1	531.23	521.89	525.00	526.04	0.90	ppb
Calcium	43-1	248338.92	244397.75	242751.81	245162.83	1.17	ppb
Calcium	44-1	244830.57	245259.29	238937.83	243009.23	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.97	478.90	496.56	491.81	2.30	ppb
Cobalt	59-2	485.96	488.57	479.76	484.76	0.93	ppb
Copper	63-2	4845.72	4781.67	4842.49	4823.29	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	125185.50	124243.68	125309.70	124912.96	0.47	ppb
Iron	56-2	126895.48	125494.82	125959.24	126116.51	0.57	ppb
Iron	57-2	126116.50	126416.74	127064.69	126532.64	0.38	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2473.44	2587.58	2519.24	2526.75	2.27	ppb
Lead	207-1	2513.97	2612.10	2541.11	2555.73	1.98	ppb
Lead	208-1	2509.93	2573.75	2525.32	2536.33	1.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	248320.71	250040.90	249454.56	249272.06	0.35	ppb
Manganese	55-2	4918.88	4842.23	4959.48	4906.86	1.21	ppb
Molybdenum	94-1	2383.33	2456.16	2457.21	2432.23	1.74	ppb
Molybdenum	95-1	2362.89	2427.90	2447.72	2412.83	1.84	ppb
Molybdenum	96-1	2393.14	2453.33	2437.94	2428.14	1.29	ppb
Molybdenum	97-1	2383.19	2459.75	2414.27	2419.07	1.59	ppb
Molybdenum	98-1	2309.37	2375.38	2399.01	2361.25	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.48	484.77	485.48	484.25	0.32	ppb
Phosphorus	31-2	10031.63	10044.32	10141.60	10072.52	0.60	ppb
Potassium	39-2	122479.58	120883.28	124491.58	122618.15	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				117		%
Selenium	82-1	491.13	503.21	501.47	498.61	1.31	ppb
Selenium	77-2	474.28	535.26	507.91	505.82	6.04	ppb
Selenium	78-2	505.94	517.05	522.06	515.02	1.60	ppb
Silicon	28-1	512.58	535.64	549.35	532.52	3.49	ppb
Silver	107-1	537.85	527.70	520.46	528.67	1.65	ppb
Silver	109-1	532.72	521.13	518.94	524.27	1.41	ppb
Sodium	23-2	247854.86	250015.47	247316.48	248395.61	0.58	ppb
Strontium	86-1	4851.91	4887.07	4814.58	4851.19	0.75	ppb
Strontium	88-1	4818.72	4757.92	4890.75	4822.46	1.38	ppb
Sulfur	34-1	10848.50	10673.78	10511.32	10677.86	1.58	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	514.16	526.01	523.66	521.28	1.20	ppb
Thallium	205-1	504.34	522.90	503.92	510.39	2.12	ppb
Tin	118-1	520.54	512.54	498.83	510.64	2.15	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2505.29	2528.17	2412.78	2482.08	2.46	ppb
Uranium	238-1	504.56	506.10	506.42	505.69	0.20	ppb
Vanadium	51-2	487.24	488.15	492.03	489.14	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				114		%
Zinc	66-2	4776.78	4795.60	4821.42	4797.93	0.47	ppb
Zirconium	90-1	4909.40	5070.72	4997.42	4992.51	1.62	ppb
Zirconium	91-1	4953.79	4977.00	4921.40	4950.73	0.56	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:41:31	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.77	3.63	4.92	4.77	22.58	ppb
Antimony	121-1	0.10	0.12	0.07	0.10	25.94	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	81.95	ppb
Barium	135-1	0.48	0.48	0.26	0.41	30.70	ppb
Barium	137-1	0.44	0.47	0.26	0.39	28.74	ppb
Beryllium	9-1	0.10	0.11	0.05	0.09	36.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	19.58	18.92	18.21	18.90	3.60	ppb
Boron	11-1	18.46	19.45	19.10	19.00	2.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.15	-0.19	-0.12		ppb
Cadmium	106-1	-2.04	-3.24	-3.15	-2.81		ppb
Cadmium	108-1	-0.04	0.26	0.13	0.12	125.28	ppb
Calcium	43-1	31.22	36.29	16.71	28.08	36.21	ppb
Calcium	44-1	45.34	44.93	26.75	39.01	27.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.06	0.06	2.73	ppb
Cobalt	59-2	0.05	0.02	0.03	0.04	40.35	ppb
Copper	63-2	0.65	0.33	0.53	0.51	31.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				113		%
Iron	54-2	12.59	6.68	10.30	9.86	30.20	ppb
Iron	56-2	12.28	6.49	9.10	9.29	31.24	ppb
Iron	57-2	15.98	7.12	8.47	10.52	45.33	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:41:31	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.47	0.48	0.35	0.43	16.27	ppb
Lead	207-1	0.45	0.47	0.32	0.41	19.32	ppb
Lead	208-1	0.49	0.50	0.33	0.44	22.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	22.58	10.79	17.14	16.84	35.05	ppb
Manganese	55-2	0.64	0.36	0.56	0.52	28.19	ppb
Molybdenum	94-1	0.37	0.43	0.30	0.37	18.31	ppb
Molybdenum	95-1	0.46	0.42	0.25	0.38	30.57	ppb
Molybdenum	96-1	0.43	0.45	0.25	0.37	29.81	ppb
Molybdenum	97-1	0.50	0.46	0.26	0.41	30.72	ppb
Molybdenum	98-1	0.48	0.50	0.28	0.42	29.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.03	0.04	39.56	ppb
Phosphorus	31-2	-7.58	9.21	-23.01	-7.13		ppb
Potassium	39-2	6.58	12.19	9.57	9.45	29.69	ppb
Rhodium	103-1				101		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	82-1	-0.36	0.37	0.55	0.19	260.60	ppb
Selenium	77-2	0.35	-0.22	-0.22	-0.03		ppb
Selenium	78-2	0.28	0.23	0.69	0.40	63.02	ppb
Silicon	28-1	1.89	-0.28	-1.20	0.14	1170.45	ppb
Silver	107-1	0.03	0.03	0.04	0.03	8.29	ppb
Silver	109-1	0.03	0.04	0.03	0.03	17.76	ppb
Sodium	23-2	33.72	22.66	28.67	28.35	19.53	ppb
Strontium	86-1	0.64	0.61	0.35	0.53	29.94	ppb
Strontium	88-1	0.61	0.65	0.40	0.55	23.91	ppb
Sulfur	34-1	-1161.97	-1422.75	-1543.46	-1376.06		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.09	0.06	0.08	27.35	ppb
Thallium	205-1	0.12	0.10	0.08	0.10	20.51	ppb
Tin	118-1	0.06	0.07	0.00	0.05	84.93	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:41:31	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.48	0.18	0.35	43.20	ppb
Uranium	238-1	0.07	0.08	0.05	0.07	26.03	ppb
Vanadium	51-2	0.07	0.04	0.04	0.05	30.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				115		%
Zinc	66-2	0.35	0.08	0.39	0.27	63.15	ppb
Zirconium	90-1	0.83	0.70	0.41	0.65	32.66	ppb
Zirconium	91-1	1.01	0.81	0.56	0.80	28.12	ppb

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:21:06	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	124	110	127	14.93	cps
Antimony	121-1	67	50	108	75	40.06	cps
Arsenic	75-2	19	14	16	16	15.41	cps
Barium	135-1	25	50	67	47	44.41	cps
Barium	137-1	83	100	58	81	26.04	cps
Beryllium	9-1	48	30	32	37	26.91	cps
Bismuth	209-1	5328955	5244679	5258829	5277488	0.86	cps
Bismuth	209-2	3684886	3797478	3669630	3717331	1.88	cps
Boron	10-1	260	232	244	245	5.72	cps
Boron	11-1	1054	1090	1068	1070	1.70	cps
Bromine	81-1	17539	18411	18090	18014	2.45	cps
Cadmium	111-1	4158	3901	3815	3958	4.51	cps
Cadmium	106-1	5926	5568	5435	5643	4.51	cps
Cadmium	108-1	33	54	50	46	24.06	cps
Calcium	43-1	556	537	647	580	10.14	cps
Calcium	44-1	47435	47030	46526	46997	0.97	cps
Carbon	12-1	3930491	3956668	3946622	3944594	0.33	cps
Carbon	12-2	47035	45772	46666	46491	1.40	cps
Chlorine	35-1	1272457	1239479	1207230	1239722	2.63	cps
Chlorine	35-2	8436	8378	8511	8442	0.79	cps
Chromium	52-2	1067	1073	1057	1066	0.79	cps
Cobalt	59-2	83	87	87	86	2.25	cps
Copper	63-2	920	930	943	931	1.26	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	33	40	30	34	14.78	cps
Gadolinium	160-1	150	75	33	86	68.66	cps
Gadolinium	160-2	43	77	60	60	27.78	cps
Holmium	165-1	9268068	9018438	8904214	9063573	2.05	cps
Holmium	165-2	5207073	5325734	5171977	5234928	1.54	cps
Indium	115-1	8339538	8329862	8636596	8435332	2.07	cps
Indium	115-2	1503473	1506048	1497925	1502482	0.28	cps
Iron	54-2	789	744	728	754	4.19	cps
Iron	56-2	6813	6757	6268	6613	4.53	cps
Iron	57-2	156	150	222	176	22.85	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:21:06	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	917	913	909	1.18	cps
Lead	206-1	1333	1306	1300	1313	1.36	cps
Lead	207-1	1245	1161	1150	1185	4.36	cps
Lead	208-1	5106	5267	5239	5204	1.66	cps
Lithium	6-1	2158494	2191933	2166371	2172266	0.80	cps
Magnesium	24-2	658	600	583	614	6.42	cps
Manganese	55-2	147	150	140	146	3.50	cps
Molybdenum	94-1	283	342	317	314	9.32	cps
Molybdenum	95-1	233	133	108	158	41.77	cps
Molybdenum	96-1	150	275	250	225	29.40	cps
Molybdenum	97-1	83	75	58	72	17.63	cps
Molybdenum	98-1	92	183	133	136	33.72	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117	137	163	139	16.86	cps
Phosphorus	31-2	125	158	108	131	19.50	cps
Potassium	39-2	18512	18871	18779	18721	1.00	cps
Rhodium	103-1	8165526	8293894	8322135	8260518	1.01	cps
Rhodium	103-2	4396967	4470672	4339891	4402510	1.49	cps
Scandium	45-1	6098657	6155933	6454395	6236329	3.06	cps
Scandium	45-2	209643	211484	207847	209658	0.87	cps
Selenium	82-1	-16	-8	-24	-16	-50.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	57	72	66	12.28	cps
Silicon	28-1	453009	452567	454405	453327	0.21	cps
Silver	107-1	117	142	142	133	10.83	cps
Silver	109-1	142	75	58	92	48.11	cps
Sodium	23-2	20924	20223	20532	20559	1.71	cps
Strontium	86-1	1392	1358	1583	1445	8.41	cps
Strontium	88-1	608	533	575	572	6.57	cps
Sulfur	34-1	396566	394322	389790	393559	0.88	cps
Terbium	159-1	9437169	9259054	9455501	9383908	1.16	cps
Terbium	159-2	5316555	5217282	5113339	5215725	1.95	cps
Thallium	203-1	533	550	608	564	6.98	cps
Thallium	205-1	1100	1400	1292	1264	12.02	cps
Tin	118-1	1058	1075	1125	1086	3.20	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:21:06	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	300	283	283	5.88	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	23	10	13	16	44.60	cps
Ytterbium	172-1	17	25	25	22	21.64	cps
Ytterbium	172-2	17	0	6	7	114.54	cps
Ytterbium	176-1	983	1358	1425	1256	18.96	cps
Ytterbium	176-2	3217	3589	3517	3441	5.74	cps
Yttrium	89-1	20600743	20588885	20921032	20703553	0.91	cps
Yttrium	89-2	2528516	2584048	2472052	2528205	2.21	cps
Zinc	66-2	617	777	790	728	13.25	cps
Zirconium	90-1	758	658	958	792	19.30	cps
Zirconium	91-1	150	67	200	139	48.50	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:27:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1622	1537	1581	1580	2.69	cps
Antimony	121-1	15584	15876	16093	15851	1.61	cps
Arsenic	75-2	298	288	285	290	2.34	cps
Barium	135-1	20199	21351	19915	20488	3.71	cps
Barium	137-1	37269	35288	36216	36258	2.73	cps
Beryllium	9-1	1960	1808	1728	1832	6.43	cps
Bismuth	209-1	5596365	5381433	5207583	5395127	3.61	cps
Bismuth	209-2	3792294	3822472	3808378	3807714	0.40	cps
Boron	10-1	4194	4522	4702	4472	5.76	cps
Boron	11-1	19837	22220	21860	21306	6.03	cps
Bromine	81-1	18471	16807	18652	17977	5.66	cps
Cadmium	111-1	5959	6331	5915	6068	3.76	cps
Cadmium	106-1	5835	5893	5735	5821	1.38	cps
Cadmium	108-1	208	254	196	219	13.99	cps
Calcium	43-1	15593	16054	15581	15743	1.71	cps
Calcium	44-1	291468	293949	291391	292269	0.50	cps
Carbon	12-1	4099457	4123957	4083644	4102353	0.50	cps
Carbon	12-2	47912	47929	48230	48024	0.37	cps
Chlorine	35-1	1203091	1200082	1169992	1191055	1.54	cps
Chlorine	35-2	8911	8261	7994	8389	5.62	cps
Chromium	52-2	6878	7108	7175	7054	2.21	cps
Cobalt	59-2	5564	5138	5398	5367	4.01	cps
Copper	63-2	8769	8486	8272	8509	2.93	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	58	42	75	58	28.57	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	117	50	83	83	40.00	cps
Gadolinium	160-2	63	43	43	50	23.10	cps
Holmium	165-1	9124125	9105857	8943266	9057749	1.10	cps
Holmium	165-2	5418055	5460872	5292245	5390391	1.63	cps
Indium	115-1	8603959	8339877	7983231	8309022	3.75	cps
Indium	115-2	1566462	1583498	1561774	1570578	0.73	cps
Iron	54-2	7130	7385	7463	7326	2.38	cps
Iron	56-2	126225	123703	122522	124150	1.52	cps
Iron	57-2	3023	3106	2861	2997	4.15	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:27:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	793	950	807	17.00	cps
Lead	206-1	6952	7074	6896	6974	1.31	cps
Lead	207-1	5718	5735	5779	5744	0.55	cps
Lead	208-1	27512	27373	26555	27147	1.90	cps
Lithium	6-1	2235514	2207677	2284854	2242682	1.74	cps
Magnesium	24-2	99900	100990	97971	99620	1.53	cps
Manganese	55-2	1460	1507	1733	1567	9.33	cps
Molybdenum	94-1	20574	20966	20015	20518	2.33	cps
Molybdenum	95-1	24113	24773	23746	24210	2.15	cps
Molybdenum	96-1	26167	26952	26050	26390	1.86	cps
Molybdenum	97-1	15025	14742	14842	14870	0.97	cps
Molybdenum	98-1	38872	38487	37134	38164	2.39	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1723	1740	1703	1722	1.07	cps
Phosphorus	31-2	83	150	117	117	28.57	cps
Potassium	39-2	94534	95826	94643	95001	0.75	cps
Rhodium	103-1	8647471	7990551	8106682	8248235	4.25	cps
Rhodium	103-2	4463040	4498448	4502579	4488023	0.48	cps
Scandium	45-1	6348615	6321122	6271761	6313833	0.62	cps
Scandium	45-2	215755	220114	214904	216924	1.29	cps
Selenium	82-1	1002	843	664	836	20.22	cps
Selenium	77-2	33	27	20	27	24.99	cps
Selenium	78-2	155	152	154	154	0.99	cps
Silicon	28-1	534259	526996	529915	530390	0.69	cps
Silver	107-1	10521	11055	10996	10857	2.70	cps
Silver	109-1	10779	10654	10388	10607	1.89	cps
Sodium	23-2	214058	212585	212372	213005	0.43	cps
Strontium	86-1	4468	5218	4951	4879	7.80	cps
Strontium	88-1	29933	29448	28889	29423	1.78	cps
Sulfur	34-1	392635	390966	392440	392014	0.23	cps
Terbium	159-1	9605964	9571223	9357658	9511615	1.41	cps
Terbium	159-2	5309912	5217118	5252520	5259850	0.89	cps
Thallium	203-1	7344	7269	7202	7272	0.98	cps
Thallium	205-1	17471	17020	17320	17270	1.33	cps
Tin	118-1	35839	35581	35179	35533	0.94	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:27:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7452	7444	7844	7580	3.02	cps
Uranium	238-1	19207	20868	19499	19858	4.47	cps
Vanadium	51-2	11798	12058	11531	11796	2.23	cps
Ytterbium	172-1	17	25	25	22	21.64	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	1167	1133	1242	1181	4.70	cps
Ytterbium	176-2	3328	3345	3456	3376	2.06	cps
Yttrium	89-1	21308786	20312295	20545810	20722297	2.51	cps
Yttrium	89-2	2615743	2607586	2587694	2603674	0.55	cps
Zinc	66-2	1770	1727	1543	1680	7.16	cps
Zirconium	90-1	17637	17119	16702	17153	2.73	cps
Zirconium	91-1	3692	3667	3842	3734	2.54	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:30:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66622	65196	64628	65482	1.57	cps
Antimony	121-1	381403	380784	380200	380796	0.16	cps
Arsenic	75-2	13256	12871	12936	13021	1.58	cps
Barium	135-1	479335	488891	485323	484516	1.00	cps
Barium	137-1	851141	861652	863973	858922	0.80	cps
Beryllium	9-1	85914	86406	87062	86461	0.67	cps
Bismuth	209-1	5030060	5299990	5426620	5252223	3.86	cps
Bismuth	209-2	3803844	3759868	3727916	3763876	1.01	cps
Boron	10-1	7983	8203	8955	8380	6.08	cps
Boron	11-1	37418	39616	41663	39565	5.37	cps
Bromine	81-1	18131	17730	17669	17843	1.40	cps
Cadmium	111-1	105576	108803	108580	107653	1.67	cps
Cadmium	106-1	17403	16193	16260	16619	4.09	cps
Cadmium	108-1	7761	7861	7531	7718	2.19	cps
Calcium	43-1	153186	154031	154185	153801	0.35	cps
Calcium	44-1	2565799	2580508	2602776	2583028	0.72	cps
Carbon	12-1	4221292	4310728	4279818	4270613	1.06	cps
Carbon	12-2	50379	50229	51223	50610	1.06	cps
Chlorine	35-1	1126606	1110233	1096115	1110985	1.37	cps
Chlorine	35-2	7852	7794	7561	7736	2.00	cps
Chromium	52-2	141970	138267	138994	139744	1.40	cps
Cobalt	59-2	253411	251597	249144	251384	0.85	cps
Copper	63-2	2060772	2068888	2057679	2062446	0.28	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	50	58	75	61	20.83	cps
Erbium	164-2	43	27	37	36	23.58	cps
Gadolinium	160-1	92	133	83	103	26.06	cps
Gadolinium	160-2	63	63	90	72	21.32	cps
Holmium	165-1	8869865	8805183	9099743	8924930	1.73	cps
Holmium	165-2	5401800	5321467	5364783	5362684	0.75	cps
Indium	115-1	8239847	8463961	8439737	8381181	1.47	cps
Indium	115-2	1531321	1509465	1504621	1515136	0.94	cps
Iron	54-2	310525	312826	304611	309321	1.37	cps
Iron	56-2	5749380	5510461	5607470	5622437	2.14	cps
Iron	57-2	140929	138410	139722	139687	0.90	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:30:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	923	857	871	5.36	cps
Lead	206-1	1303501	1276635	1296781	1292306	1.08	cps
Lead	207-1	1115305	1119817	1152046	1129056	1.77	cps
Lead	208-1	5246889	5270850	5395679	5304473	1.51	cps
Lithium	6-1	2175292	2331481	2200708	2235827	3.75	cps
Magnesium	24-2	993798	974259	980942	983000	1.01	cps
Manganese	55-2	696806	689254	690260	692107	0.59	cps
Molybdenum	94-1	925769	931282	944862	933971	1.05	cps
Molybdenum	95-1	1138320	1127008	1153886	1139738	1.18	cps
Molybdenum	96-1	1259300	1237989	1258417	1251902	0.96	cps
Molybdenum	97-1	690863	688553	703742	694386	1.18	cps
Molybdenum	98-1	1766636	1786746	1809430	1787604	1.20	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	71036	69978	70460	70491	0.75	cps
Phosphorus	31-2	3709	3717	3859	3762	2.24	cps
Potassium	39-2	405353	392235	397200	398263	1.66	cps
Rhodium	103-1	7776160	8314706	8420567	8170478	4.23	cps
Rhodium	103-2	4454219	4414400	4331892	4400170	1.42	cps
Scandium	45-1	6115148	6394832	6395744	6301908	2.57	cps
Scandium	45-2	212821	212413	211674	212302	0.27	cps
Selenium	82-1	7584	7455	7711	7583	1.68	cps
Selenium	77-2	297	247	247	263	10.96	cps
Selenium	78-2	941	991	940	957	3.05	cps
Silicon	28-1	846987	876509	878495	867330	2.03	cps
Silver	107-1	541118	521849	535584	532850	1.86	cps
Silver	109-1	511955	505349	513454	510252	0.85	cps
Sodium	23-2	1899427	1856608	1921359	1892465	1.74	cps
Strontium	86-1	1495814	1507239	1465283	1489445	1.46	cps
Strontium	88-1	12438247	12487059	12572585	12499297	0.54	cps
Sulfur	34-1	444149	444675	439058	442627	0.70	cps
Terbium	159-1	9205527	9474540	9702701	9460923	2.63	cps
Terbium	159-2	5226918	5224326	5296846	5249363	0.78	cps
Thallium	203-1	317672	317000	326244	320305	1.61	cps
Thallium	205-1	772086	756379	759432	762632	1.09	cps
Tin	118-1	339253	343942	341029	341408	0.69	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:30:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	355759	353635	357793	355729	0.58	cps
Uranium	238-1	929310	933845	947813	936989	1.03	cps
Vanadium	51-2	110194	108182	109827	109401	0.98	cps
Ytterbium	172-1	8	0	50	19	137.78	cps
Ytterbium	172-2	0	17	17	11	86.60	cps
Ytterbium	176-1	2459	2484	2592	2511	2.82	cps
Ytterbium	176-2	3856	4006	3901	3921	1.97	cps
Yttrium	89-1	20108582	20588918	20629295	20442265	1.42	cps
Yttrium	89-2	2537672	2522057	2589209	2549646	1.38	cps
Zinc	66-2	225975	218788	218271	221012	1.95	cps
Zirconium	90-1	789065	777052	772762	779626	1.08	cps
Zirconium	91-1	175361	175355	177236	175984	0.62	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:33:24 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163475	161997	159513	161662	1.24	cps
Antimony	121-1	946206	966798	971954	961652	1.42	cps
Arsenic	75-2	32679	32275	31757	32237	1.43	cps
Barium	135-1	1207612	1193872	1219867	1207117	1.08	cps
Barium	137-1	2137533	2143412	2146728	2142558	0.22	cps
Beryllium	9-1	213938	218027	217038	216334	0.99	cps
Bismuth	209-1	5340311	5213603	5554461	5369458	3.21	cps
Bismuth	209-2	3560685	3764264	3755729	3693559	3.12	cps
Boron	10-1	19773	21111	22192	21026	5.76	cps
Boron	11-1	93557	97728	100926	97404	3.79	cps
Bromine	81-1	17088	17198	16968	17085	0.67	cps
Cadmium	111-1	263060	259198	262208	261489	0.78	cps
Cadmium	106-1	32305	33984	33308	33199	2.54	cps
Cadmium	108-1	18842	18488	18713	18681	0.96	cps
Calcium	43-1	382016	384010	383338	383121	0.26	cps
Calcium	44-1	6419406	6246145	6233566	6299706	1.65	cps
Carbon	12-1	4286529	4364626	4465353	4372169	2.05	cps
Carbon	12-2	51783	51073	50931	51262	0.89	cps
Chlorine	35-1	1071998	1047770	1036261	1052009	1.73	cps
Chlorine	35-2	7402	6935	7227	7188	3.28	cps
Chromium	52-2	345870	340030	340323	342074	0.96	cps
Cobalt	59-2	621032	617066	615043	617714	0.49	cps
Copper	63-2	4997823	4955183	4875203	4942736	1.26	cps
Dysprosium	156-1	58	33	92	61	47.90	cps
Dysprosium	156-2	23	40	50	38	35.67	cps
Erbium	164-1	108	58	50	72	43.69	cps
Erbium	164-2	7	50	23	27	81.96	cps
Gadolinium	160-1	42	100	108	83	43.59	cps
Gadolinium	160-2	83	90	97	90	7.41	cps
Holmium	165-1	9140115	9199316	9187252	9175561	0.34	cps
Holmium	165-2	5026254	5358503	5312897	5232551	3.44	cps
Indium	115-1	8528715	8246327	8346387	8373810	1.71	cps
Indium	115-2	1428056	1503999	1504854	1478970	2.98	cps
Iron	54-2	753606	753477	763954	757012	0.79	cps
Iron	56-2	13914022	14052744	13713243	13893336	1.23	cps
Iron	57-2	348969	343262	339789	344007	1.35	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:33:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	783	820	812	3.19	cps
Lead	206-1	3356231	3436412	3412348	3401663	1.21	cps
Lead	207-1	2901793	2968715	2927277	2932595	1.15	cps
Lead	208-1	13310231	13538183	13709249	13519221	1.48	cps
Lithium	6-1	2317990	2389929	2289069	2332329	2.23	cps
Magnesium	24-2	2496258	2514106	2409039	2473135	2.27	cps
Manganese	55-2	1787756	1754524	1764888	1769056	0.96	cps
Molybdenum	94-1	2336360	2443237	2342637	2374078	2.53	cps
Molybdenum	95-1	2789954	2883766	2873117	2848946	1.80	cps
Molybdenum	96-1	3145327	3180222	3128965	3151505	0.83	cps
Molybdenum	97-1	1743257	1796862	1716940	1752353	2.32	cps
Molybdenum	98-1	4429003	4507121	4455838	4463987	0.89	cps
Neodymium	150-1	80	67	47	64	26.03	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	173016	171792	173108	172639	0.43	cps
Phosphorus	31-2	8945	9128	9161	9078	1.29	cps
Potassium	39-2	952292	964197	954984	957158	0.65	cps
Rhodium	103-1	8222880	8253312	8079091	8185095	1.14	cps
Rhodium	103-2	4268322	4353403	4381670	4334465	1.36	cps
Scandium	45-1	6302455	6412768	6309220	6341481	0.97	cps
Scandium	45-2	201486	214227	207884	207866	3.06	cps
Selenium	82-1	18968	18974	18894	18945	0.24	cps
Selenium	77-2	700	663	600	654	7.73	cps
Selenium	78-2	2170	2227	2187	2195	1.33	cps
Silicon	28-1	1198231	1220270	1264420	1227640	2.75	cps
Silver	107-1	1321162	1331901	1353213	1335425	1.22	cps
Silver	109-1	1258872	1300984	1258859	1272905	1.91	cps
Sodium	23-2	4668261	4597579	4562511	4609450	1.17	cps
Strontium	86-1	3605403	3739506	3706303	3683737	1.90	cps
Strontium	88-1	31773191	31484563	31864405	31707386	0.63	cps
Sulfur	34-1	515202	511048	511386	512545	0.45	cps
Terbium	159-1	9560887	9626871	9390696	9526151	1.28	cps
Terbium	159-2	4851216	5313543	5235421	5133394	4.82	cps
Thallium	203-1	800485	823803	802776	809021	1.59	cps
Thallium	205-1	1944351	2011811	1933989	1963384	2.15	cps
Tin	118-1	827669	840720	844587	837659	1.06	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:33:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	895470	891247	893547	893422	0.24	cps
Uranium	238-1	2507479	2432070	2532843	2490797	2.10	cps
Vanadium	51-2	271980	269146	268509	269878	0.68	cps
Ytterbium	172-1	25	25	8	19	49.50	cps
Ytterbium	172-2	6	22	0	9	124.87	cps
Ytterbium	176-1	4609	4551	4426	4529	2.07	cps
Ytterbium	176-2	4834	4934	5329	5033	5.20	cps
Yttrium	89-1	20668619	21035701	20860819	20855046	0.88	cps
Yttrium	89-2	2403652	2489863	2553269	2482261	3.03	cps
Zinc	66-2	542974	533322	528938	535078	1.34	cps
Zirconium	90-1	1974381	2008215	2018570	2000388	1.16	cps
Zirconium	91-1	443554	437674	440363	440530	0.67	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321840	320209	315227	319092	1.08	cps
Antimony	121-1	1959333	2033654	2025104	2006030	2.03	cps
Arsenic	75-2	64329	63882	63843	64018	0.42	cps
Barium	135-1	2520819	2506377	2546207	2524468	0.80	cps
Barium	137-1	4329299	4297828	4354088	4327072	0.65	cps
Beryllium	9-1	432438	430079	433297	431938	0.39	cps
Bismuth	209-1	5372149	5624216	5441083	5479149	2.38	cps
Bismuth	209-2	3757917	3868143	3632099	3752720	3.15	cps
Boron	10-1	40173	42545	44234	42317	4.82	cps
Boron	11-1	192418	204431	208806	201885	4.20	cps
Bromine	81-1	17108	17579	17289	17325	1.37	cps
Cadmium	111-1	518225	515065	528224	520505	1.32	cps
Cadmium	106-1	60802	59857	60960	60539	0.99	cps
Cadmium	108-1	37221	38567	37802	37863	1.78	cps
Calcium	43-1	765921	773444	770127	769830	0.49	cps
Calcium	44-1	12191700	12887381	12838855	12639312	3.07	cps
Carbon	12-1	4298983	4230118	4477481	4335527	2.94	cps
Carbon	12-2	53206	51542	53088	52612	1.77	cps
Chlorine	35-1	1007090	1010747	982678	1000172	1.53	cps
Chlorine	35-2	7561	6994	6877	7144	5.12	cps
Chromium	52-2	693655	686808	680994	687152	0.92	cps
Cobalt	59-2	1239384	1244110	1220419	1234638	1.02	cps
Copper	63-2	9801977	9648551	9859160	9769896	1.11	cps
Dysprosium	156-1	100	92	117	103	12.39	cps
Dysprosium	156-2	40	60	77	59	31.18	cps
Erbium	164-1	83	83	58	75	19.25	cps
Erbium	164-2	47	47	40	44	8.66	cps
Gadolinium	160-1	117	142	158	139	15.10	cps
Gadolinium	160-2	103	113	110	109	4.68	cps
Holmium	165-1	9243559	9463254	9245513	9317442	1.36	cps
Holmium	165-2	5358854	5314190	5299505	5324183	0.58	cps
Indium	115-1	8241193	8769093	8245711	8418666	3.60	cps
Indium	115-2	1503075	1505048	1479058	1495727	0.97	cps
Iron	54-2	1589697	1573004	1578237	1580313	0.54	cps
Iron	56-2	27530705	27908477	27375969	27605051	0.99	cps
Iron	57-2	689408	678394	678207	682003	0.94	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	857	913	882	3.26	cps
Lead	206-1	6826305	7055641	6880296	6920747	1.73	cps
Lead	207-1	5871904	6004725	5923814	5933481	1.13	cps
Lead	208-1	27225681	27767022	27296830	27429844	1.07	cps
Lithium	6-1	2444924	2450057	2254753	2383245	4.67	cps
Magnesium	24-2	4877772	4872601	4755071	4835148	1.44	cps
Manganese	55-2	3469723	3500736	3494575	3488345	0.47	cps
Molybdenum	94-1	4697651	4656886	4661983	4672173	0.48	cps
Molybdenum	95-1	5653565	5692634	5758155	5701452	0.93	cps
Molybdenum	96-1	6374490	6298446	6405222	6359386	0.86	cps
Molybdenum	97-1	3553692	3490117	3466284	3503364	1.29	cps
Molybdenum	98-1	8990248	9031947	8996795	9006330	0.25	cps
Neodymium	150-1	180	107	147	144	25.42	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	345294	341446	338791	341844	0.96	cps
Phosphorus	31-2	17653	18062	17436	17717	1.79	cps
Potassium	39-2	1927573	1905861	1888691	1907375	1.02	cps
Rhodium	103-1	8198182	8413841	8314347	8308790	1.30	cps
Rhodium	103-2	4344599	4391541	4411320	4382487	0.78	cps
Scandium	45-1	6256084	6555459	6445132	6418892	2.36	cps
Scandium	45-2	214108	212610	208773	211830	1.30	cps
Selenium	82-1	38350	37979	38266	38199	0.51	cps
Selenium	77-2	1303	1340	1303	1316	1.61	cps
Selenium	78-2	4499	4502	4312	4438	2.45	cps
Silicon	28-1	1877599	1957667	2033461	1956242	3.98	cps
Silver	107-1	2675114	2744706	2719396	2713072	1.30	cps
Silver	109-1	2562246	2626231	2597969	2595482	1.24	cps
Sodium	23-2	9342989	8991313	9175068	9169790	1.92	cps
Strontium	86-1	7394223	7274120	7234865	7301069	1.14	cps
Strontium	88-1	64196333	63132243	61678274	63002283	2.01	cps
Sulfur	34-1	619751	624438	623264	622484	0.39	cps
Terbium	159-1	9760598	10146493	9975286	9960792	1.94	cps
Terbium	159-2	5237538	5283926	5123375	5214946	1.58	cps
Thallium	203-1	1648877	1708080	1721349	1692769	2.28	cps
Thallium	205-1	3895874	4008970	3958429	3954425	1.43	cps
Tin	118-1	1690678	1744473	1733173	1722775	1.65	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:36:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1801887	1777511	1773042	1784147	0.87	cps
Uranium	238-1	5028595	5101403	4986971	5038990	1.15	cps
Vanadium	51-2	541447	536112	534296	537285	0.69	cps
Ytterbium	172-1	25	42	33	33	25.01	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	7894	8203	8061	8053	1.92	cps
Ytterbium	176-2	6752	7035	7174	6987	3.08	cps
Yttrium	89-1	21026621	21257126	20461535	20915094	1.96	cps
Yttrium	89-2	2592388	2521391	2507125	2540302	1.80	cps
Zinc	66-2	1072892	1067015	1064215	1068041	0.41	cps
Zirconium	90-1	3968210	3927048	3969825	3955028	0.61	cps
Zirconium	91-1	875455	884734	882346	880845	0.55	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649588	651795	653789	651724	0.32	cps
Antimony	121-1	3863441	4056548	3991496	3970495	2.47	cps
Arsenic	75-2	130960	131820	132015	131598	0.43	cps
Barium	135-1	4956381	5011377	5009911	4992556	0.63	cps
Barium	137-1	8689002	8668080	8853809	8736964	1.16	cps
Beryllium	9-1	849542	857008	860655	855735	0.66	cps
Bismuth	209-1	5508785	5505717	5437838	5484113	0.73	cps
Bismuth	209-2	3717371	3727325	3642034	3695576	1.26	cps
Boron	10-1	81222	86717	91385	86441	5.89	cps
Boron	11-1	383924	409232	419079	404078	4.49	cps
Bromine	81-1	17589	17279	18311	17726	2.99	cps
Cadmium	111-1	1028489	1048667	1050927	1042694	1.18	cps
Cadmium	106-1	113769	113147	116851	114589	1.73	cps
Cadmium	108-1	76025	75740	77416	76394	1.17	cps
Calcium	43-1	1587675	1621977	1592384	1600678	1.16	cps
Calcium	44-1	25331188	25623415	25930098	25628234	1.17	cps
Carbon	12-1	4593899	4637409	4631032	4620780	0.51	cps
Carbon	12-2	57655	58133	57747	57845	0.44	cps
Chlorine	35-1	986416	990311	997114	991280	0.55	cps
Chlorine	35-2	6877	6685	6627	6730	1.94	cps
Chromium	52-2	1431574	1429381	1441198	1434051	0.44	cps
Cobalt	59-2	2576848	2630004	2561849	2589567	1.38	cps
Copper	63-2	19768136	20000795	20008509	19925813	0.69	cps
Dysprosium	156-1	208	183	175	189	9.18	cps
Dysprosium	156-2	117	103	80	100	18.56	cps
Erbium	164-1	83	92	58	78	22.30	cps
Erbium	164-2	57	53	30	47	31.14	cps
Gadolinium	160-1	208	167	208	194	12.37	cps
Gadolinium	160-2	153	157	177	162	7.78	cps
Holmium	165-1	9420838	9364820	9172221	9319293	1.40	cps
Holmium	165-2	5530862	5480600	5547467	5519643	0.63	cps
Indium	115-1	8425239	8418685	8261490	8368471	1.11	cps
Indium	115-2	1576683	1548939	1548928	1558183	1.03	cps
Iron	54-2	3158495	3143304	3185228	3162342	0.67	cps
Iron	56-2	56492867	54841047	56049498	55794471	1.53	cps
Iron	57-2	1455080	1379903	1392106	1409030	2.86	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	810	900	853	854	5.27	cps
Lead	206-1	13950980	14029055	14130936	14036990	0.64	cps
Lead	207-1	11988682	12058197	12152370	12066416	0.68	cps
Lead	208-1	54925103	55369696	55514009	55269602	0.56	cps
Lithium	6-1	2219571	2141383	2273836	2211597	3.01	cps
Magnesium	24-2	9793864	9756762	9813896	9788174	0.30	cps
Manganese	55-2	7100673	6979592	7089393	7056553	0.95	cps
Molybdenum	94-1	9513235	9474412	9412667	9466771	0.54	cps
Molybdenum	95-1	11786727	11542958	11652301	11660662	1.05	cps
Molybdenum	96-1	12960880	12893519	12728260	12860886	0.93	cps
Molybdenum	97-1	7011269	7125550	7192902	7109907	1.29	cps
Molybdenum	98-1	18075184	18326301	18564115	18321867	1.33	cps
Neodymium	150-1	267	167	227	220	22.88	cps
Neodymium	150-2	3	23	27	18	71.00	cps
Nickel	60-2	697169	695637	688217	693674	0.69	cps
Phosphorus	31-2	35269	35661	35978	35636	1.00	cps
Potassium	39-2	3761062	3839848	3832526	3811146	1.14	cps
Rhodium	103-1	8242084	8043987	8211909	8165993	1.31	cps
Rhodium	103-2	4527976	4475397	4458857	4487410	0.80	cps
Scandium	45-1	6474619	6345570	6453413	6424534	1.08	cps
Scandium	45-2	215235	215232	217992	216153	0.74	cps
Selenium	82-1	75540	76619	76977	76379	0.98	cps
Selenium	77-2	2584	2764	2600	2649	3.76	cps
Selenium	78-2	8672	8907	9107	8895	2.45	cps
Silicon	28-1	3398558	3570557	3592456	3520523	3.02	cps
Silver	107-1	5337753	5275974	5463472	5359066	1.78	cps
Silver	109-1	5016088	5221564	5148648	5128767	2.03	cps
Sodium	23-2	19083100	18984447	18832193	18966580	0.67	cps
Strontium	86-1	14558512	14602984	15062720	14741405	1.89	cps
Strontium	88-1	124408819	128860565	129440649	127570011	2.16	cps
Sulfur	34-1	866111	850982	866220	861104	1.02	cps
Terbium	159-1	9668594	9553960	9904135	9708896	1.84	cps
Terbium	159-2	5330570	5547070	5440900	5439513	1.99	cps
Thallium	203-1	3456933	3433160	3373505	3421199	1.26	cps
Thallium	205-1	7981538	8053002	7911608	7982050	0.89	cps
Tin	118-1	3452474	3396194	3481453	3443373	1.26	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:39:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3585612	3550774	3550430	3562272	0.57	cps
Uranium	238-1	10278831	9853675	10033749	10055419	2.12	cps
Vanadium	51-2	1119347	1133424	1113443	1122071	0.91	cps
Ytterbium	172-1	58	25	58	47	40.75	cps
Ytterbium	172-2	39	39	33	37	8.67	cps
Ytterbium	176-1	15368	15268	15334	15323	0.33	cps
Ytterbium	176-2	10838	11689	11611	11379	4.13	cps
Yttrium	89-1	20998498	21261222	20733602	20997774	1.26	cps
Yttrium	89-2	2616043	2581085	2651566	2616231	1.35	cps
Zinc	66-2	2173010	2169310	2208930	2183750	1.00	cps
Zirconium	90-1	7872452	8045588	8032426	7983489	1.21	cps
Zirconium	91-1	1788661	1825982	1819276	1811306	1.10	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 14:45:42 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1352253	1355541	1341783	1349859	0.53	cps
Antimony	121-1	8070830	8071041	8000704	8047525	0.50	cps
Arsenic	75-2	265284	263045	263850	264060	0.43	cps
Barium	135-1	10313553	10453436	10283963	10350317	0.87	cps
Barium	137-1	18151376	18312299	17937623	18133766	1.04	cps
Beryllium	9-1	1712111	1705723	1707371	1708401	0.19	cps
Bismuth	209-1	5584228	5550142	5424099	5519489	1.53	cps
Bismuth	209-2	4027549	3805461	3780743	3871251	3.51	cps
Boron	10-1	168386	177808	182792	176328	4.15	cps
Boron	11-1	816903	848708	837701	834437	1.94	cps
Bromine	81-1	18291	17639	18651	18194	2.82	cps
Cadmium	111-1	2062539	2058202	2144238	2088326	2.32	cps
Cadmium	106-1	230784	224856	226312	227317	1.36	cps
Cadmium	108-1	149716	154010	154388	152704	1.70	cps
Calcium	43-1	3228784	3202736	3351285	3260935	2.43	cps
Calcium	44-1	51327369	51343446	51860210	51510342	0.59	cps
Carbon	12-1	4922467	4925989	4965880	4938112	0.49	cps
Carbon	12-2	59471	62659	61262	61131	2.61	cps
Chlorine	35-1	1006657	1000081	987109	997949	1.00	cps
Chlorine	35-2	6652	6718	6802	6724	1.12	cps
Chromium	52-2	2923132	2936326	2938036	2932498	0.28	cps
Cobalt	59-2	5253699	5043304	5120148	5139050	2.07	cps
Copper	63-2	40649437	40785054	40057088	40497193	0.96	cps
Dysprosium	156-1	425	392	383	400	5.51	cps
Dysprosium	156-2	137	180	170	162	13.99	cps
Erbium	164-1	117	158	125	133	16.54	cps
Erbium	164-2	70	73	53	66	16.35	cps
Gadolinium	160-1	358	358	358	358	0.00	cps
Gadolinium	160-2	257	267	210	244	12.37	cps
Holmium	165-1	9712341	9708470	9689460	9703424	0.13	cps
Holmium	165-2	5974771	5530215	5472232	5659073	4.86	cps
Indium	115-1	8590635	8548038	8610935	8583203	0.37	cps
Indium	115-2	1658248	1572825	1562085	1597719	3.30	cps
Iron	54-2	6399750	6379532	6509898	6429726	1.09	cps
Iron	56-2	113362039	114113153	115381991	114285728	0.89	cps
Iron	57-2	2955573	2925274	2936750	2939199	0.52	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:45:42	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	843	907	892	4.88	cps
Lead	206-1	27583083	28437416	28014035	28011511	1.52	cps
Lead	207-1	23717694	24359736	23942487	24006639	1.36	cps
Lead	208-1	110701362	112870691	110008769	111193607	1.34	cps
Lithium	6-1	2302392	2291980	2272928	2289100	0.65	cps
Magnesium	24-2	19605902	19585657	19519749	19570436	0.23	cps
Manganese	55-2	14351735	14447918	14598512	14466055	0.86	cps
Molybdenum	94-1	19405023	19534774	19057916	19332571	1.28	cps
Molybdenum	95-1	23822798	23810797	23285688	23639761	1.30	cps
Molybdenum	96-1	26135569	26316980	26165687	26206079	0.37	cps
Molybdenum	97-1	14321221	14403314	14559131	14427889	0.84	cps
Molybdenum	98-1	38253865	37611996	37789982	37885281	0.87	cps
Neodymium	150-1	400	393	333	376	9.78	cps
Neodymium	150-2	17	33	40	30	40.05	cps
Nickel	60-2	1381877	1373318	1364879	1373358	0.62	cps
Phosphorus	31-2	72841	71946	74810	73199	2.00	cps
Potassium	39-2	7773269	7674205	7659404	7702293	0.80	cps
Rhodium	103-1	8411616	8234998	8301972	8316195	1.07	cps
Rhodium	103-2	4724025	4494913	4467258	4562065	3.09	cps
Scandium	45-1	6741559	6600216	6576469	6639415	1.34	cps
Scandium	45-2	233216	227997	223151	228121	2.21	cps
Selenium	82-1	151812	153101	154354	153089	0.83	cps
Selenium	77-2	5188	5201	5208	5199	0.20	cps
Selenium	78-2	17515	17695	17428	17546	0.78	cps
Silicon	28-1	5891994	5990566	5994240	5958933	0.97	cps
Silver	107-1	10767420	10986600	10850333	10868117	1.02	cps
Silver	109-1	10116120	10327406	10308451	10250659	1.14	cps
Sodium	23-2	37750784	38214987	37597960	37854577	0.85	cps
Strontium	86-1	29849890	30828752	30619329	30432657	1.69	cps
Strontium	88-1	265691473	265330906	267376006	266132795	0.41	cps
Sulfur	34-1	1147770	1160040	1117164	1141658	1.93	cps
Terbium	159-1	10461454	10280111	10115378	10285648	1.68	cps
Terbium	159-2	5790269	5744118	5470883	5668423	3.05	cps
Thallium	203-1	6725411	6933270	6806722	6821801	1.54	cps
Thallium	205-1	16044695	16470258	16238279	16251077	1.31	cps
Tin	118-1	7016546	6927704	6939345	6961198	0.69	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:45:42	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7363992	7514826	7156404	7345074	2.45	cps
Uranium	238-1	20734912	20612773	20652002	20666562	0.30	cps
Vanadium	51-2	2302827	2281995	2313214	2299345	0.69	cps
Ytterbium	172-1	33	58	67	53	32.88	cps
Ytterbium	172-2	11	22	39	24	58.08	cps
Ytterbium	176-1	29458	29100	30177	29578	1.85	cps
Ytterbium	176-2	19999	19776	20294	20023	1.30	cps
Yttrium	89-1	21859055	22219015	21716311	21931460	1.18	cps
Yttrium	89-2	2843365	2699691	2688970	2744009	3.14	cps
Zinc	66-2	4448821	4492649	4375773	4439081	1.33	cps
Zirconium	90-1	16166784	16446236	16471133	16361384	1.03	cps
Zirconium	91-1	3693433	3812109	3699719	3735087	1.79	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6733769	6777370	6797261	6769467	0.48	cps
Antimony	121-1	4609	5159	4743	4837	5.93	cps
Arsenic	75-2	116	84	92	97	17.11	cps
Barium	135-1	4443	4359	4351	4384	1.16	cps
Barium	137-1	6669	7019	7452	7046	5.57	cps
Beryllium	9-1	244	232	262	246	6.14	cps
Bismuth	209-1	5072491	5069071	5021284	5054282	0.57	cps
Bismuth	209-2	3443461	3483357	3508844	3478554	0.95	cps
Boron	10-1	21093	19665	17813	19524	8.42	cps
Boron	11-1	101689	92430	86512	93544	8.18	cps
Bromine	81-1	19153	18882	18551	18862	1.60	cps
Cadmium	111-1	4713	4510	4809	4677	3.26	cps
Cadmium	106-1	5910	5626	6035	5857	3.57	cps
Cadmium	108-1	171	142	171	161	10.45	cps
Calcium	43-1	14984315	15214065	15054972	15084451	0.78	cps
Calcium	44-1	248689164	253276351	250552436	250839317	0.92	cps
Carbon	12-1	5191524	5313514	5292812	5265950	1.24	cps
Carbon	12-2	71617	73191	71759	72189	1.21	cps
Chlorine	35-1	943286	934317	926047	934550	0.92	cps
Chlorine	35-2	6527	7027	6477	6677	4.56	cps
Chromium	52-2	9850	9937	10104	9964	1.29	cps
Cobalt	59-2	11458	11598	11698	11585	1.04	cps
Copper	63-2	11004	10614	10564	10727	2.25	cps
Dysprosium	156-1	1342	1250	1517	1370	9.89	cps
Dysprosium	156-2	657	693	777	709	8.68	cps
Erbium	164-1	300	283	267	283	5.88	cps
Erbium	164-2	143	133	123	133	7.50	cps
Gadolinium	160-1	1425	1267	1267	1320	6.93	cps
Gadolinium	160-2	813	790	837	813	2.87	cps
Holmium	165-1	9586685	9385006	9473401	9481697	1.07	cps
Holmium	165-2	5388944	5420457	5526114	5445172	1.32	cps
Indium	115-1	8420962	8314834	8261809	8332535	0.97	cps
Indium	115-2	1518953	1541533	1509497	1523328	1.08	cps
Iron	54-2	29365990	29090819	29250336	29235715	0.47	cps
Iron	56-2	532031112	536675634	531062201	533256316	0.56	cps
Iron	57-2	13314002	13314018	13406640	13344887	0.40	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	977	947	938	4.69	cps
Lead	206-1	10888	10627	10499	10671	1.86	cps
Lead	207-1	8920	9231	9126	9092	1.74	cps
Lead	208-1	43012	42745	42367	42708	0.76	cps
Lithium	6-1	2217464	2204954	2326264	2249561	2.97	cps
Magnesium	24-2	97669104	97748763	98207800	97875222	0.30	cps
Manganese	55-2	17591	17301	17477	17456	0.84	cps
Molybdenum	94-1	8228	16069	7511	10602	44.78	cps
Molybdenum	95-1	7652	7002	7586	7413	4.83	cps
Molybdenum	96-1	17119	17278	16861	17086	1.23	cps
Molybdenum	97-1	4451	4609	4051	4370	6.59	cps
Molybdenum	98-1	10788	10704	10680	10724	0.53	cps
Neodymium	150-1	53	107	87	82	32.77	cps
Neodymium	150-2	30	40	43	38	18.36	cps
Nickel	60-2	5121	5148	4924	5064	2.41	cps
Phosphorus	31-2	100	175	100	125	34.64	cps
Potassium	39-2	38843881	39601500	39296673	39247351	0.97	cps
Rhodium	103-1	7964569	7645276	7954814	7854886	2.31	cps
Rhodium	103-2	4190574	4224355	4243188	4219372	0.63	cps
Scandium	45-1	6641127	6610138	6651836	6634367	0.33	cps
Scandium	45-2	223608	223692	225520	224274	0.48	cps
Selenium	82-1	177	72	159	136	41.25	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	69	95	75	80	17.09	cps
Silicon	28-1	1113622	1203643	1173761	1163675	3.94	cps
Silver	107-1	3350	3059	2884	3098	7.61	cps
Silver	109-1	3117	3167	2934	3073	4.00	cps
Sodium	23-2	191766754	187671246	186547754	188661918	1.46	cps
Strontium	86-1	25073	23596	23237	23968	4.06	cps
Strontium	88-1	191222	192871	198700	194264	2.02	cps
Sulfur	34-1	356417	359140	359060	358206	0.43	cps
Terbium	159-1	10051117	9750444	10163465	9988342	2.14	cps
Terbium	159-2	5389969	5476868	5375771	5414203	1.01	cps
Thallium	203-1	1875	1684	1533	1697	10.09	cps
Thallium	205-1	4351	4142	4192	4229	2.57	cps
Tin	118-1	2992	3275	3300	3189	5.37	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 14:48:48	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1250	1225	1433	1303	8.73	cps
Uranium	238-1	2400	2317	1859	2192	13.31	cps
Vanadium	51-2	400	363	377	380	4.88	cps
Ytterbium	172-1	125	125	150	133	10.83	cps
Ytterbium	172-2	61	122	100	94	32.76	cps
Ytterbium	176-1	1625	1242	1333	1400	14.30	cps
Ytterbium	176-2	2784	2889	3289	2987	8.93	cps
Yttrium	89-1	21346451	21368539	22054331	21589774	1.86	cps
Yttrium	89-2	2723245	2744270	2774966	2747494	0.95	cps
Zinc	66-2	10691	10731	11435	10952	3.82	cps
Zirconium	90-1	8870	9245	8661	8925	3.32	cps
Zirconium	91-1	2017	2009	1800	1942	6.32	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : ICV46 Instrumnet Name : P8
 Client Sample ID : ICV46 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:03:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35283	34578	34779	34880	1.04	cps
Antimony	121-1	1589585	1608966	1569240	1589264	1.25	cps
Arsenic	75-2	56738	55677	56496	56304	0.99	cps
Barium	135-1	200556	201898	202710	201721	0.54	cps
Barium	137-1	361571	357459	350470	356500	1.57	cps
Beryllium	9-1	166728	167283	165877	166629	0.43	cps
Bismuth	209-1	5546624	5404085	5206000	5385570	3.18	cps
Bismuth	209-2	3863747	4007483	3906560	3925930	1.88	cps
Boron	10-1	2384	2506	2380	2423	2.96	cps
Boron	11-1	11714	11987	11574	11758	1.78	cps
Bromine	81-1	18421	18842	18682	18648	1.14	cps
Cadmium	111-1	214635	213503	207574	211904	1.79	cps
Cadmium	106-1	25199	25190	24314	24901	2.04	cps
Cadmium	108-1	14124	13686	13765	13858	1.68	cps
Calcium	43-1	58561	58873	58804	58746	0.28	cps
Calcium	44-1	1020523	1021056	1009470	1017016	0.64	cps
Carbon	12-1	4219559	4329665	4173755	4240993	1.89	cps
Carbon	12-2	50872	51231	51290	51131	0.44	cps
Chlorine	35-1	1052988	1058232	1026139	1045786	1.65	cps
Chlorine	35-2	7244	7861	7861	7655	4.65	cps
Chromium	52-2	296545	298034	294473	296351	0.60	cps
Cobalt	59-2	538733	539870	530824	536476	0.92	cps
Copper	63-2	422663	413943	419696	418767	1.06	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	13	7	0	7	99.98	cps
Erbium	164-1	92	50	75	72	29.04	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	83	92	58	78	22.31	cps
Gadolinium	160-2	77	80	47	68	27.08	cps
Holmium	165-1	9204381	9074619	8909821	9062940	1.63	cps
Holmium	165-2	5661641	5583598	5560065	5601768	0.95	cps
Indium	115-1	8883254	8635854	8477063	8665390	2.36	cps
Indium	115-2	1724956	1673755	1653646	1684119	2.18	cps
Iron	54-2	264644	262676	262581	263300	0.44	cps
Iron	56-2	4828674	4587582	4626222	4680826	2.77	cps
Iron	57-2	116898	116982	114260	116046	1.33	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:03:33	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	860	917	967	914	5.84	cps
Lead	206-1	1135562	1146121	1147080	1142921	0.56	cps
Lead	207-1	947031	941640	951277	946649	0.51	cps
Lead	208-1	4552270	4558230	4534113	4548204	0.28	cps
Lithium	6-1	2169783	2169679	2161582	2167015	0.22	cps
Magnesium	24-2	243276	238048	233928	238417	1.97	cps
Manganese	55-2	144967	144695	144789	144817	0.10	cps
Molybdenum	94-1	1450	1042	1308	1267	16.37	cps
Molybdenum	95-1	1233	1100	967	1100	12.12	cps
Molybdenum	96-1	1633	1500	1325	1486	10.41	cps
Molybdenum	97-1	750	600	617	656	12.54	cps
Molybdenum	98-1	2050	1800	1859	1903	6.87	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	166216	165316	164672	165401	0.47	cps
Phosphorus	31-2	108	92	133	111	18.88	cps
Potassium	39-2	332273	330792	333448	332171	0.40	cps
Rhodium	103-1	8592768	8646273	8370264	8536435	1.71	cps
Rhodium	103-2	4930278	4700063	4629614	4753318	3.31	cps
Scandium	45-1	6578462	6390467	6286301	6418410	2.31	cps
Scandium	45-2	236162	231524	230625	232770	1.28	cps
Selenium	82-1	32075	32050	32048	32058	0.05	cps
Selenium	77-2	1180	1080	1187	1149	5.20	cps
Selenium	78-2	3988	3914	4019	3974	1.36	cps
Silicon	28-1	510404	522585	520181	517723	1.25	cps
Silver	107-1	523857	526840	540092	530263	1.63	cps
Silver	109-1	495231	514080	518073	509128	2.40	cps
Sodium	23-2	803963	777729	785216	788969	1.71	cps
Strontium	86-1	3300	3351	3100	3250	4.07	cps
Strontium	88-1	18513	17078	15609	17067	8.51	cps
Sulfur	34-1	368569	373886	363625	368693	1.39	cps
Terbium	159-1	9881995	9635412	9602700	9706702	1.57	cps
Terbium	159-2	5713625	5591250	5506997	5603957	1.85	cps
Thallium	203-1	1404118	1418024	1372113	1398085	1.68	cps
Thallium	205-1	3302075	3346946	3319242	3322755	0.68	cps
Tin	118-1	1408	1242	1508	1386	9.72	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICV46	Instrumnet Name :	P8
Client Sample ID :	ICV46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:03:33	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	667	633	697	11.97	cps
Uranium	238-1	950	767	508	742	29.92	cps
Vanadium	51-2	232878	228724	228110	229904	1.13	cps
Ytterbium	172-1	50	50	25	42	34.64	cps
Ytterbium	172-2	22	33	11	22	50.00	cps
Ytterbium	176-1	1100	1300	1117	1172	9.47	cps
Ytterbium	176-2	2989	3345	3128	3154	5.68	cps
Yttrium	89-1	21945188	21707035	21120814	21591012	1.96	cps
Yttrium	89-2	2845180	2749913	2790929	2795341	1.71	cps
Zinc	66-2	90872	90457	89876	90401	0.55	cps
Zirconium	90-1	1859	1533	1567	1653	10.82	cps
Zirconium	91-1	642	567	500	569	12.45	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : LLICV Instrumnet Name : P8
 Client Sample ID : LLICV Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:25:58 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	1496	1452	1491	2.45	cps
Antimony	121-1	13465	13774	13774	13671	1.30	cps
Arsenic	75-2	245	276	255	259	6.12	cps
Barium	135-1	17453	18038	16828	17440	3.47	cps
Barium	137-1	29024	29499	31395	29973	4.19	cps
Beryllium	9-1	1622	1520	1568	1570	3.25	cps
Bismuth	209-1	5404730	4879605	5389720	5224685	5.72	cps
Bismuth	209-2	3802149	3785651	3894852	3827551	1.54	cps
Boron	10-1	4332	4856	5024	4737	7.62	cps
Boron	11-1	20827	22649	22433	21969	4.53	cps
Bromine	81-1	19183	18551	18692	18809	1.76	cps
Cadmium	111-1	5935	5665	5526	5709	3.64	cps
Cadmium	106-1	5693	5276	5318	5429	4.23	cps
Cadmium	108-1	208	142	221	190	22.37	cps
Calcium	43-1	13695	13960	13661	13772	1.19	cps
Calcium	44-1	262832	267239	265275	265115	0.83	cps
Carbon	12-1	3979240	3950868	4076404	4002171	1.64	cps
Carbon	12-2	48840	48823	49853	49172	1.20	cps
Chlorine	35-1	926947	918661	907205	917604	1.08	cps
Chlorine	35-2	6643	6727	5793	6388	8.09	cps
Chromium	52-2	6408	6238	6138	6261	2.18	cps
Cobalt	59-2	5174	5004	4714	4964	4.69	cps
Copper	63-2	8806	8663	8659	8709	0.96	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	40	13	27	27	50.01	cps
Gadolinium	160-1	58	100	75	78	26.97	cps
Gadolinium	160-2	70	40	67	59	27.92	cps
Holmium	165-1	9024118	8303825	8979821	8769255	4.60	cps
Holmium	165-2	5474800	5459967	5459857	5464875	0.16	cps
Indium	115-1	8732157	7886234	8546316	8388236	5.30	cps
Indium	115-2	1650911	1636154	1639796	1642287	0.47	cps
Iron	54-2	7013	7252	6907	7057	2.50	cps
Iron	56-2	120824	120174	118718	119905	0.90	cps
Iron	57-2	3212	3006	2950	3056	4.50	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:25:58	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	917	790	867	7.78	cps
Lead	206-1	6196	6746	6418	6454	4.29	cps
Lead	207-1	5496	5679	5290	5488	3.55	cps
Lead	208-1	24571	25516	25794	25293	2.54	cps
Lithium	6-1	2236401	2055996	2199070	2163822	4.40	cps
Magnesium	24-2	89928	89876	90288	90031	0.25	cps
Manganese	55-2	1833	1817	1683	1778	4.62	cps
Molybdenum	94-1	16952	17320	17870	17381	2.66	cps
Molybdenum	95-1	21909	20432	21817	21386	3.87	cps
Molybdenum	96-1	22118	22460	22494	22357	0.93	cps
Molybdenum	97-1	13240	12564	11964	12589	5.07	cps
Molybdenum	98-1	31604	32998	32163	32255	2.18	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1577	1500	1667	1581	5.28	cps
Phosphorus	31-2	200	58	167	142	52.29	cps
Potassium	39-2	90223	87516	89510	89083	1.58	cps
Rhodium	103-1	8516107	7621724	8468269	8202033	6.13	cps
Rhodium	103-2	4769619	4616750	4663167	4683179	1.67	cps
Scandium	45-1	6490534	5939223	6739608	6389789	6.41	cps
Scandium	45-2	232876	228320	231288	230828	1.00	cps
Selenium	82-1	667	616	867	717	18.52	cps
Selenium	77-2	27	23	27	26	7.55	cps
Selenium	78-2	158	147	160	155	4.52	cps
Silicon	28-1	538218	537618	540933	538923	0.33	cps
Silver	107-1	8978	9537	9162	9226	3.09	cps
Silver	109-1	7902	8953	8511	8456	6.24	cps
Sodium	23-2	194960	192030	192290	193094	0.84	cps
Strontium	86-1	4801	4743	4951	4832	2.23	cps
Strontium	88-1	29708	30993	30325	30342	2.12	cps
Sulfur	34-1	390558	383713	385057	386443	0.94	cps
Terbium	159-1	9635557	8640084	9482645	9252762	5.79	cps
Terbium	159-2	5397797	5462598	5457452	5439282	0.66	cps
Thallium	203-1	6477	6093	6318	6296	3.06	cps
Thallium	205-1	15051	15343	15301	15232	1.04	cps
Tin	118-1	29750	30785	30217	30251	1.71	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:25:58	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6652	7094	7002	6916	3.37	cps
Uranium	238-1	16111	16553	16186	16283	1.45	cps
Vanadium	51-2	10374	9994	9924	10097	2.40	cps
Ytterbium	172-1	42	17	25	28	45.82	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1258	1108	1092	1153	7.96	cps
Ytterbium	176-2	3156	3073	3223	3150	2.39	cps
Yttrium	89-1	21781457	19621833	20522981	20642091	5.25	cps
Yttrium	89-2	2753875	2684459	2754374	2730903	1.47	cps
Zinc	66-2	1603	1670	1543	1606	3.95	cps
Zirconium	90-1	14241	14233	14391	14288	0.62	cps
Zirconium	91-1	3200	2809	3175	3062	7.16	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : ICB46 Instrumnet Name : P8
 Client Sample ID : ICB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:28:59 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	224	266	235	11.88	cps
Antimony	121-1	267	258	308	278	9.64	cps
Arsenic	75-2	11	25	18	18	38.89	cps
Barium	135-1	267	208	200	225	16.14	cps
Barium	137-1	642	433	267	447	42.01	cps
Beryllium	9-1	78	72	54	68	18.37	cps
Bismuth	209-1	5510896	5349888	5334701	5398495	1.81	cps
Bismuth	209-2	3789179	3837768	3874234	3833727	1.11	cps
Boron	10-1	1580	1582	1564	1575	0.63	cps
Boron	11-1	7482	7262	7262	7336	1.73	cps
Bromine	81-1	18210	19123	18592	18642	2.46	cps
Cadmium	111-1	4031	3797	3720	3849	4.21	cps
Cadmium	106-1	5726	5318	5259	5435	4.68	cps
Cadmium	108-1	75	54	17	49	60.81	cps
Calcium	43-1	845	762	660	756	12.26	cps
Calcium	44-1	52288	51211	50445	51315	1.80	cps
Carbon	12-1	3917875	4066887	3938048	3974270	2.03	cps
Carbon	12-2	48506	48882	48096	48495	0.81	cps
Chlorine	35-1	872581	838820	825616	845672	2.86	cps
Chlorine	35-2	5726	6435	5851	6004	6.30	cps
Chromium	52-2	1260	1243	1263	1256	0.85	cps
Cobalt	59-2	210	143	180	178	18.78	cps
Copper	63-2	1503	1507	1547	1519	1.59	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	27	47	33	36	28.64	cps
Gadolinium	160-1	133	67	92	97	34.64	cps
Gadolinium	160-2	47	53	63	54	15.40	cps
Holmium	165-1	8930278	9198430	8668602	8932437	2.97	cps
Holmium	165-2	5493179	5491683	5423209	5469357	0.73	cps
Indium	115-1	8572344	8629062	8745109	8648838	1.02	cps
Indium	115-2	1629453	1608941	1643283	1627226	1.06	cps
Iron	54-2	1250	1228	1128	1202	5.42	cps
Iron	56-2	14357	14219	13818	14131	1.98	cps
Iron	57-2	356	322	372	350	7.28	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:28:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	957	787	872	9.75	cps
Lead	206-1	1989	1895	1717	1867	7.41	cps
Lead	207-1	1706	1645	1383	1578	10.85	cps
Lead	208-1	7784	7162	6851	7266	6.54	cps
Lithium	6-1	2232645	2114434	2159391	2168823	2.75	cps
Magnesium	24-2	1917	1617	1950	1828	10.04	cps
Manganese	55-2	357	423	317	366	14.74	cps
Molybdenum	94-1	667	633	508	603	13.85	cps
Molybdenum	95-1	633	408	408	483	26.88	cps
Molybdenum	96-1	808	700	558	689	18.20	cps
Molybdenum	97-1	292	358	317	322	10.45	cps
Molybdenum	98-1	958	725	642	775	21.18	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	160	203	171	16.57	cps
Phosphorus	31-2	67	50	150	89	60.28	cps
Potassium	39-2	20841	20114	22034	20996	4.62	cps
Rhodium	103-1	8428919	8246158	8371222	8348767	1.12	cps
Rhodium	103-2	4767081	4669188	4603553	4679941	1.76	cps
Scandium	45-1	6768141	6501383	6373738	6547754	3.07	cps
Scandium	45-2	232022	228987	230573	230527	0.66	cps
Selenium	82-1	13	-87	107	11	873.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	71	72	77	13.08	cps
Silicon	28-1	475557	478966	469059	474527	1.06	cps
Silver	107-1	325	183	250	253	28.04	cps
Silver	109-1	217	217	233	222	4.33	cps
Sodium	23-2	22518	23044	22318	22626	1.66	cps
Strontium	86-1	2034	1608	1909	1850	11.81	cps
Strontium	88-1	6110	4851	4342	5101	17.84	cps
Sulfur	34-1	390087	391352	394813	392084	0.62	cps
Terbium	159-1	10062050	9659691	9455084	9725608	3.18	cps
Terbium	159-2	5495883	5440626	5308251	5414920	1.78	cps
Thallium	203-1	792	775	725	764	4.54	cps
Thallium	205-1	1650	1400	1500	1517	8.30	cps
Tin	118-1	1250	1233	1183	1222	2.84	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICB46	Instrumnet Name :	P8
Client Sample ID :	ICB46	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:28:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	367	367	392	11.06	cps
Uranium	238-1	442	308	342	364	19.07	cps
Vanadium	51-2	53	47	40	47	14.28	cps
Ytterbium	172-1	33	17	50	33	50.00	cps
Ytterbium	172-2	17	6	28	17	66.65	cps
Ytterbium	176-1	1058	967	1100	1042	6.55	cps
Ytterbium	176-2	2967	3034	3095	3032	2.11	cps
Yttrium	89-1	21461794	21486876	21731180	21559950	0.69	cps
Yttrium	89-2	2689453	2747865	2759068	2732129	1.37	cps
Zinc	66-2	887	893	857	879	2.22	cps
Zirconium	90-1	1167	1142	1008	1106	7.70	cps
Zirconium	91-1	300	250	208	253	18.16	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : ICSA47 Instrumnet Name : P8
 Client Sample ID : ICSA47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:32:03 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6472188	6396820	6596133	6488380	1.55	cps
Antimony	121-1	8853	9095	8753	8900	1.97	cps
Arsenic	75-2	97	85	94	92	6.79	cps
Barium	135-1	2867	3292	3009	3056	7.08	cps
Barium	137-1	5326	5393	5751	5490	4.16	cps
Beryllium	9-1	500	550	530	527	4.78	cps
Bismuth	209-1	5167654	5203498	5124792	5165315	0.76	cps
Bismuth	209-2	3718947	3777017	3532103	3676023	3.48	cps
Boron	10-1	1524	1508	1468	1500	1.92	cps
Boron	11-1	6984	7160	7106	7084	1.27	cps
Bromine	81-1	18912	19734	18962	19203	2.40	cps
Cadmium	111-1	4397	4633	4143	4391	5.59	cps
Cadmium	106-1	5209	5068	4876	5051	3.31	cps
Cadmium	108-1	1696	1508	1488	1564	7.34	cps
Calcium	43-1	2931700	2959508	2998866	2963358	1.14	cps
Calcium	44-1	47402180	48062166	49492860	48319069	2.21	cps
Carbon	12-1	21098212	20371040	20454481	20641244	1.93	cps
Carbon	12-2	256981	256254	258614	257283	0.47	cps
Chlorine	35-1	12666711	16676730	19758037	16367159	21.73	cps
Chlorine	35-2	192796	206866	219671	206444	6.51	cps
Chromium	52-2	57836	57883	57495	57738	0.37	cps
Cobalt	59-2	6251	6191	5965	6136	2.47	cps
Copper	63-2	32086	31468	31589	31714	1.03	cps
Dysprosium	156-1	75	33	0	36	104.06	cps
Dysprosium	156-2	17	17	30	21	36.45	cps
Erbium	164-1	117	175	117	136	24.75	cps
Erbium	164-2	50	43	37	43	15.38	cps
Gadolinium	160-1	83	150	117	117	28.57	cps
Gadolinium	160-2	80	93	63	79	19.05	cps
Holmium	165-1	9363680	9304949	8888966	9185865	2.82	cps
Holmium	165-2	5665723	5726494	5308722	5566980	4.05	cps
Indium	115-1	8328573	8506948	8175767	8337096	1.99	cps
Indium	115-2	1606092	1637475	1537142	1593570	3.22	cps
Iron	54-2	12627385	12409842	12331580	12456269	1.23	cps
Iron	56-2	225818116	227098372	228272488	227062992	0.54	cps
Iron	57-2	5692126	5818834	5800564	5770508	1.19	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSA47	Instrumnet Name :	P8
Client Sample ID :	ICSA47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:32:03	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	897	953	894	6.71	cps
Lead	206-1	25731	26889	26143	26255	2.24	cps
Lead	207-1	18747	20761	21062	20190	6.23	cps
Lead	208-1	94894	98612	98763	97423	2.25	cps
Lithium	6-1	2129051	2136740	2155823	2140538	0.64	cps
Magnesium	24-2	18826364	18545176	18890388	18753976	0.98	cps
Manganese	55-2	11038	11458	11748	11415	3.13	cps
Molybdenum	94-1	5042288	5173602	5118786	5111559	1.29	cps
Molybdenum	95-1	8856047	8990410	9052549	8966335	1.12	cps
Molybdenum	96-1	9330517	9474991	9559718	9455075	1.23	cps
Molybdenum	97-1	5348944	5450965	5374585	5391498	0.98	cps
Molybdenum	98-1	13925450	13988688	13883605	13932581	0.38	cps
Neodymium	150-1	40	47	40	42	9.12	cps
Neodymium	150-2	27	7	17	17	59.99	cps
Nickel	60-2	8006	8069	7992	8022	0.51	cps
Phosphorus	31-2	361393	353752	363922	359689	1.47	cps
Potassium	39-2	15154070	15327890	15642835	15374932	1.61	cps
Rhodium	103-1	7994779	8360320	7576761	7977287	4.91	cps
Rhodium	103-2	4473910	4552742	4321407	4449353	2.64	cps
Scandium	45-1	6369920	6626461	6465833	6487405	2.00	cps
Scandium	45-2	227329	229395	221584	226103	1.79	cps
Selenium	82-1	109	77	19	68	66.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	64	82	76	74	12.38	cps
Silicon	28-1	621735	627496	627967	625732	0.55	cps
Silver	107-1	733	483	542	586	22.32	cps
Silver	109-1	533	417	450	467	12.88	cps
Sodium	23-2	38073741	37169302	38108809	37783951	1.41	cps
Strontium	86-1	101250	104195	103004	102817	1.44	cps
Strontium	88-1	868299	903563	895331	889064	2.08	cps
Sulfur	34-1	3878761	3957610	3963386	3933252	1.20	cps
Terbium	159-1	9760907	9892167	9706618	9786564	0.97	cps
Terbium	159-2	5476905	5636780	5367030	5493572	2.47	cps
Thallium	203-1	733	783	758	758	3.30	cps
Thallium	205-1	1942	1850	1900	1897	2.42	cps
Tin	118-1	1884	2184	2075	2047	7.42	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSA47	Instrumnet Name :	P8
Client Sample ID :	ICSA47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:32:03	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2883520	2909930	2933605	2909018	0.86	cps
Uranium	238-1	700	817	875	797	11.18	cps
Vanadium	51-2	383	387	433	401	6.97	cps
Ytterbium	172-1	33	42	25	33	25.01	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	1192	1075	1142	1136	5.15	cps
Ytterbium	176-2	2884	2817	2950	2884	2.31	cps
Yttrium	89-1	20595283	21749666	20714869	21019939	3.02	cps
Yttrium	89-2	2764828	2774433	2623717	2720992	3.10	cps
Zinc	66-2	5688	5571	5635	5631	1.04	cps
Zirconium	90-1	1458	1392	1533	1461	4.85	cps
Zirconium	91-1	267	192	292	250	20.82	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : ICSAB47 Instrumnet Name : P8
 Client Sample ID : ICSAB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:45:59 DataFile Name : 023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6862784	6884235	6888821	6878614	0.20	cps
Antimony	121-1	161373	164566	165360	163767	1.29	cps
Arsenic	75-2	5717	5676	5686	5693	0.38	cps
Barium	135-1	41974	43680	43295	42983	2.08	cps
Barium	137-1	75872	74657	77113	75880	1.62	cps
Beryllium	9-1	31848	31950	32748	32182	1.53	cps
Bismuth	209-1	5114649	5258693	5041337	5138226	2.15	cps
Bismuth	209-2	3608761	3609431	3674242	3630811	1.04	cps
Boron	10-1	7711	8539	8471	8240	5.58	cps
Boron	11-1	38156	38453	40299	38969	2.98	cps
Bromine	81-1	19885	19263	19323	19490	1.76	cps
Cadmium	111-1	44783	44883	44201	44622	0.83	cps
Cadmium	106-1	9862	10221	9754	9946	2.46	cps
Cadmium	108-1	4451	4492	4988	4644	6.44	cps
Calcium	43-1	3071059	3011240	3068671	3050323	1.11	cps
Calcium	44-1	49567347	50142255	50538839	50082813	0.98	cps
Carbon	12-1	19639354	19572287	20595164	19935601	2.87	cps
Carbon	12-2	260866	268397	261618	263627	1.57	cps
Chlorine	35-1	17777554	21799912	25092197	21556554	16.99	cps
Chlorine	35-2	235764	246625	259115	247168	4.73	cps
Chromium	52-2	119535	119064	118547	119049	0.42	cps
Cobalt	59-2	110879	110576	111231	110895	0.30	cps
Copper	63-2	112764	113556	114121	113480	0.60	cps
Dysprosium	156-1	67	58	17	47	56.72	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	58	125	75	86	40.29	cps
Erbium	164-2	60	50	37	49	23.94	cps
Gadolinium	160-1	158	92	100	117	31.14	cps
Gadolinium	160-2	60	70	93	74	22.98	cps
Holmium	165-1	9025456	9457954	9249528	9244313	2.34	cps
Holmium	165-2	5441090	5717000	5673555	5610548	2.64	cps
Indium	115-1	8476288	8725342	8588045	8596558	1.45	cps
Indium	115-2	1617116	1613795	1635927	1622279	0.74	cps
Iron	54-2	12962312	12788886	13133818	12961672	1.33	cps
Iron	56-2	235736772	235131466	237121583	235996607	0.43	cps
Iron	57-2	6020771	5927906	5934928	5961201	0.87	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSAB47	Instrumnet Name :	P8
Client Sample ID :	ICSAB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:45:59	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	927	853	910	5.54	cps
Lead	206-1	127264	131637	129037	129313	1.70	cps
Lead	207-1	106357	105180	105846	105794	0.56	cps
Lead	208-1	488093	496348	498145	494196	1.08	cps
Lithium	6-1	1973895	2043517	2039240	2018884	1.93	cps
Magnesium	24-2	19816388	19671847	19729646	19739293	0.37	cps
Manganese	55-2	41132	40477	40551	40720	0.88	cps
Molybdenum	94-1	5686384	5524086	5662154	5624208	1.56	cps
Molybdenum	95-1	9297301	9315490	9539266	9384019	1.44	cps
Molybdenum	96-1	9983614	9897218	10130016	10003616	1.18	cps
Molybdenum	97-1	5714131	5663265	5734747	5704048	0.65	cps
Molybdenum	98-1	14650814	14654306	15047495	14784205	1.54	cps
Neodymium	150-1	40	67	67	58	26.65	cps
Neodymium	150-2	7	27	10	14	74.18	cps
Nickel	60-2	37012	37112	36854	36993	0.35	cps
Phosphorus	31-2	380553	374100	379562	378072	0.92	cps
Potassium	39-2	16047067	16337746	16278969	16221260	0.95	cps
Rhodium	103-1	8174443	8180707	8343204	8232785	1.16	cps
Rhodium	103-2	4550187	4498693	4617555	4555478	1.31	cps
Scandium	45-1	6535937	6708157	6707090	6650394	1.49	cps
Scandium	45-2	232560	237202	236596	235453	1.07	cps
Selenium	82-1	2943	3096	3069	3036	2.69	cps
Selenium	77-2	113	127	107	116	8.81	cps
Selenium	78-2	457	407	453	439	6.33	cps
Silicon	28-1	916497	929149	951178	932274	1.88	cps
Silver	107-1	198264	201468	205073	201602	1.69	cps
Silver	109-1	192267	193469	193906	193214	0.44	cps
Sodium	23-2	39716114	40098389	39878460	39897655	0.48	cps
Strontium	86-1	234114	240947	244853	239971	2.26	cps
Strontium	88-1	2067662	2161471	2112266	2113799	2.22	cps
Sulfur	34-1	4031651	4124760	4055313	4070575	1.19	cps
Terbium	159-1	9754324	9854506	10036900	9881910	1.45	cps
Terbium	159-2	5466832	5524205	5588075	5526370	1.10	cps
Thallium	203-1	127759	128593	131709	129354	1.61	cps
Thallium	205-1	295677	310844	314599	307040	3.26	cps
Tin	118-1	307271	309162	316816	311083	1.62	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	ICSAB47	Instrumnet Name :	P8
Client Sample ID :	ICSAB47	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:45:59	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3045215	3027040	3056681	3042979	0.49	cps
Uranium	238-1	821752	851566	842686	838668	1.83	cps
Vanadium	51-2	47907	47124	47211	47414	0.90	cps
Ytterbium	172-1	17	17	33	22	43.28	cps
Ytterbium	172-2	11	11	6	9	34.60	cps
Ytterbium	176-1	2409	2275	2492	2392	4.57	cps
Ytterbium	176-2	3467	3734	3756	3652	4.40	cps
Yttrium	89-1	21675720	22152321	21509654	21779232	1.53	cps
Yttrium	89-2	2766326	2796389	2867569	2810095	1.85	cps
Zinc	66-2	16930	16813	17097	16947	0.84	cps
Zirconium	90-1	741793	736968	737761	738840	0.35	cps
Zirconium	91-1	164069	162349	169257	165225	2.18	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CCV82 Instrumnet Name : P8
 Client Sample ID : CCV82 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:50:04 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3477710	3493539	3473030	3481427	0.31	cps
Antimony	121-1	3941934	3955147	3893893	3930324	0.82	cps
Arsenic	75-2	141797	141092	141404	141431	0.25	cps
Barium	135-1	4904386	5068739	5174264	5049129	2.69	cps
Barium	137-1	8514259	8684314	9067825	8755466	3.24	cps
Beryllium	9-1	780551	792563	794388	789167	0.95	cps
Bismuth	209-1	5300010	5233128	5412509	5315215	1.71	cps
Bismuth	209-2	3502319	3534350	3620430	3552367	1.72	cps
Boron	10-1	77807	82642	83933	81460	3.96	cps
Boron	11-1	365846	393681	409050	389526	5.62	cps
Bromine	81-1	19253	20225	19012	19497	3.29	cps
Cadmium	111-1	1054527	1054911	1053047	1054162	0.09	cps
Cadmium	106-1	116020	116036	114005	115354	1.01	cps
Cadmium	108-1	75753	78380	78028	77387	1.84	cps
Calcium	43-1	7708737	7731307	7622871	7687638	0.74	cps
Calcium	44-1	129171744	127291044	126005952	127489580	1.25	cps
Carbon	12-1	4590743	4615886	4894737	4700455	3.59	cps
Carbon	12-2	66669	63019	65087	64925	2.82	cps
Chlorine	35-1	7554893	7262529	7078564	7298662	3.29	cps
Chlorine	35-2	52086	49953	48499	50179	3.60	cps
Chromium	52-2	1490338	1544112	1509549	1514667	1.80	cps
Cobalt	59-2	2646523	2664313	2669599	2660145	0.45	cps
Copper	63-2	20173629	19904742	20230343	20102905	0.87	cps
Dysprosium	156-1	767	717	708	731	4.32	cps
Dysprosium	156-2	363	357	383	368	3.77	cps
Erbium	164-1	108	175	175	153	25.19	cps
Erbium	164-2	70	93	123	96	27.98	cps
Gadolinium	160-1	700	742	625	689	8.58	cps
Gadolinium	160-2	460	423	410	431	6.01	cps
Holmium	165-1	9532729	9560765	9695718	9596404	0.91	cps
Holmium	165-2	5468723	5529901	5537788	5512137	0.69	cps
Indium	115-1	8741235	8522748	8818375	8694119	1.76	cps
Indium	115-2	1559740	1582062	1633844	1591882	2.39	cps
Iron	54-2	15684600	15883399	15829565	15799188	0.65	cps
Iron	56-2	288338618	288788673	291556840	289561377	0.60	cps
Iron	57-2	7190971	7234843	7228130	7217982	0.33	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:50:04	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	800	933	879	7.96	cps
Lead	206-1	13105668	13230938	13566607	13301071	1.79	cps
Lead	207-1	11342455	11340647	11585699	11422933	1.23	cps
Lead	208-1	52731602	52898331	53295095	52975010	0.55	cps
Lithium	6-1	1993145	2098919	2097552	2063205	2.94	cps
Magnesium	24-2	50748784	51511693	51160707	51140395	0.75	cps
Manganese	55-2	7501282	7545803	7523006	7523364	0.30	cps
Molybdenum	94-1	9782235	9797400	9931390	9837008	0.83	cps
Molybdenum	95-1	11868279	11964637	12252952	12028623	1.66	cps
Molybdenum	96-1	13248969	13429520	13365902	13348130	0.69	cps
Molybdenum	97-1	7201705	7374423	7165276	7247135	1.54	cps
Molybdenum	98-1	18352845	18961575	18946745	18753722	1.85	cps
Neodymium	150-1	220	273	280	258	12.76	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	702510	700539	697039	700029	0.40	cps
Phosphorus	31-2	39730	38769	38126	38875	2.08	cps
Potassium	39-2	20619715	20389928	20241239	20416960	0.93	cps
Rhodium	103-1	8125441	8158234	8347124	8210266	1.46	cps
Rhodium	103-2	4369138	4477550	4419458	4422049	1.23	cps
Scandium	45-1	6803340	6631892	6966494	6800575	2.46	cps
Scandium	45-2	234415	236213	239561	236730	1.10	cps
Selenium	82-1	79497	79648	79262	79469	0.24	cps
Selenium	77-2	2797	2667	2864	2776	3.60	cps
Selenium	78-2	9518	9482	9397	9466	0.66	cps
Silicon	28-1	3429624	3597848	3800395	3609289	5.14	cps
Silver	107-1	5499384	5399605	5533892	5477627	1.27	cps
Silver	109-1	5000809	5245289	5329682	5191927	3.29	cps
Sodium	23-2	98957504	98920994	97019408	98299302	1.13	cps
Strontium	86-1	15132200	15304381	15364572	15267051	0.79	cps
Strontium	88-1	131674782	132463595	132638886	132259088	0.39	cps
Sulfur	34-1	866668	852423	854873	857988	0.89	cps
Terbium	159-1	10343938	9865476	10248217	10152543	2.49	cps
Terbium	159-2	5489478	5535537	5520136	5515050	0.43	cps
Thallium	203-1	3251403	3329384	3337026	3305938	1.43	cps
Thallium	205-1	7688117	7756285	7862618	7769007	1.13	cps
Tin	118-1	3460951	3526581	3459081	3482204	1.10	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:50:04	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3759104	3751666	3778104	3762958	0.36	cps
Uranium	238-1	9887198	9852871	9872158	9870742	0.17	cps
Vanadium	51-2	1180735	1182801	1178704	1180747	0.17	cps
Ytterbium	172-1	42	75	100	72	40.52	cps
Ytterbium	172-2	33	50	72	52	37.63	cps
Ytterbium	176-1	15059	15676	14892	15209	2.72	cps
Ytterbium	176-2	11116	11894	11238	11416	3.67	cps
Yttrium	89-1	22400211	21599456	23252413	22417360	3.69	cps
Yttrium	89-2	2749397	2775881	2834410	2786562	1.56	cps
Zinc	66-2	2167498	2179623	2156229	2167784	0.54	cps
Zirconium	90-1	8315459	8293270	8346373	8318367	0.32	cps
Zirconium	91-1	1866585	1907567	1932597	1902249	1.75	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P8
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 15:58:02 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	707	657	701	689	3.95	cps
Antimony	121-1	550	592	642	594	7.72	cps
Arsenic	75-2	23	15	29	22	31.45	cps
Barium	135-1	333	450	333	372	18.10	cps
Barium	137-1	642	550	592	594	7.72	cps
Beryllium	9-1	98	112	112	107	7.53	cps
Bismuth	209-1	5281853	5299228	5261898	5280993	0.35	cps
Bismuth	209-2	3766905	3790007	3811453	3789455	0.59	cps
Boron	10-1	2022	1828	1796	1882	6.50	cps
Boron	11-1	9473	9097	8861	9144	3.38	cps
Bromine	81-1	17699	18321	18812	18277	3.05	cps
Cadmium	111-1	3562	3755	3521	3613	3.47	cps
Cadmium	106-1	4959	5176	4809	4982	3.70	cps
Cadmium	108-1	67	38	42	49	32.45	cps
Calcium	43-1	1187	1241	1212	1214	2.22	cps
Calcium	44-1	69065	69590	68615	69090	0.71	cps
Carbon	12-1	3869493	3930418	4035147	3945019	2.12	cps
Carbon	12-2	48865	47528	47026	47806	1.99	cps
Chlorine	35-1	2370014	2286549	2249479	2302014	2.68	cps
Chlorine	35-2	16068	16552	15108	15909	4.62	cps
Chromium	52-2	1257	1320	1337	1305	3.24	cps
Cobalt	59-2	297	237	287	273	11.76	cps
Copper	63-2	2390	2230	2344	2321	3.55	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	25	50	50	50.00	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	117	75	117	103	23.41	cps
Gadolinium	160-2	80	47	40	56	38.57	cps
Holmium	165-1	9228402	9243342	8813015	9094920	2.69	cps
Holmium	165-2	5343725	5516527	5493752	5451335	1.72	cps
Indium	115-1	8724582	8532468	8195275	8484108	3.16	cps
Indium	115-2	1617364	1591200	1643469	1617345	1.62	cps
Iron	54-2	2561	2072	2406	2347	10.65	cps
Iron	56-2	33807	35679	34743	34743	2.69	cps
Iron	57-2	950	811	944	902	8.72	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:58:02	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	787	793	804	3.14	cps
Lead	206-1	2400	2272	2411	2361	3.27	cps
Lead	207-1	2034	2156	2022	2071	3.57	cps
Lead	208-1	9507	9490	9268	9422	1.42	cps
Lithium	6-1	2109196	2086837	2051478	2082504	1.40	cps
Magnesium	24-2	4959	4417	4442	4606	6.64	cps
Manganese	55-2	657	587	623	622	5.63	cps
Molybdenum	94-1	1200	1400	1392	1331	8.50	cps
Molybdenum	95-1	1467	1408	1258	1378	7.80	cps
Molybdenum	96-1	1675	1450	1550	1558	7.23	cps
Molybdenum	97-1	1033	875	883	931	9.58	cps
Molybdenum	98-1	2417	2650	2175	2414	9.84	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	220	217	210	6.92	cps
Phosphorus	31-2	183	133	133	150	19.24	cps
Potassium	39-2	23678	24054	23328	23687	1.53	cps
Rhodium	103-1	8531956	8537776	7953872	8341201	4.02	cps
Rhodium	103-2	4570788	4752537	4737152	4686825	2.15	cps
Scandium	45-1	6423168	6671259	6234036	6442821	3.40	cps
Scandium	45-2	230155	229122	230511	229929	0.31	cps
Selenium	82-1	63	123	131	106	34.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	79	72	84	78	7.69	cps
Silicon	28-1	462943	464767	462180	463297	0.29	cps
Silver	107-1	342	383	558	428	26.88	cps
Silver	109-1	308	392	392	364	13.22	cps
Sodium	23-2	34725	34558	33731	34338	1.55	cps
Strontium	86-1	2475	2400	2692	2523	6.01	cps
Strontium	88-1	9120	9020	9020	9053	0.64	cps
Sulfur	34-1	367797	364394	362523	364905	0.73	cps
Terbium	159-1	9515556	9592256	9265654	9457822	1.81	cps
Terbium	159-2	5365990	5447634	5510409	5441344	1.33	cps
Thallium	203-1	942	717	508	722	30.01	cps
Thallium	205-1	2259	2259	2117	2211	3.70	cps
Tin	118-1	1367	1400	1117	1295	11.96	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 15:58:02	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600	542	625	589	7.26	cps
Uranium	238-1	667	508	642	606	14.06	cps
Vanadium	51-2	90	110	137	112	20.86	cps
Ytterbium	172-1	8	33	25	22	57.29	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1000	1100	1000	1033	5.59	cps
Ytterbium	176-2	2678	2950	3078	2902	7.04	cps
Yttrium	89-1	21607316	21077262	20356751	21013777	2.99	cps
Yttrium	89-2	2709162	2776830	2771170	2752387	1.36	cps
Zinc	66-2	947	1010	970	976	3.28	cps
Zirconium	90-1	1367	1467	1258	1364	7.64	cps
Zirconium	91-1	317	233	283	278	15.10	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:01:07 DataFile Name : 026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1737	1875	1932	1848	5.42	cps
Antimony	121-1	13999	13532	14425	13985	3.19	cps
Arsenic	75-2	252	290	275	272	7.03	cps
Barium	135-1	16619	17587	16944	17050	2.89	cps
Barium	137-1	30752	30142	31780	30891	2.68	cps
Beryllium	9-1	1514	1452	1518	1494	2.48	cps
Bismuth	209-1	5082478	5488244	5425643	5332122	4.10	cps
Bismuth	209-2	3845889	3836684	4040775	3907783	2.95	cps
Boron	10-1	4056	4564	4570	4396	6.71	cps
Boron	11-1	20446	21453	22375	21425	4.50	cps
Bromine	81-1	18902	18882	18742	18842	0.46	cps
Cadmium	111-1	5584	5772	5484	5613	2.61	cps
Cadmium	106-1	5476	5418	5376	5423	0.93	cps
Cadmium	108-1	167	154	179	167	7.50	cps
Calcium	43-1	14045	14098	13905	14016	0.71	cps
Calcium	44-1	278630	278023	278623	278425	0.13	cps
Carbon	12-1	3894221	3996168	3979915	3956768	1.38	cps
Carbon	12-2	47528	48004	47812	47781	0.50	cps
Chlorine	35-1	1860680	1809026	1775625	1815110	2.36	cps
Chlorine	35-2	13782	13106	12939	13276	3.36	cps
Chromium	52-2	6085	6582	6391	6353	3.95	cps
Cobalt	59-2	4778	4671	4904	4784	2.44	cps
Copper	63-2	9080	9300	9353	9244	1.57	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	75	58	125	86	40.29	cps
Erbium	164-2	33	17	30	27	33.06	cps
Gadolinium	160-1	58	17	92	56	67.64	cps
Gadolinium	160-2	47	63	37	49	27.55	cps
Holmium	165-1	8460393	9045100	9178805	8894766	4.30	cps
Holmium	165-2	5397515	5355769	5657743	5470342	2.99	cps
Indium	115-1	8217718	8601959	8412508	8410728	2.28	cps
Indium	115-2	1644257	1605833	1710912	1653667	3.22	cps
Iron	54-2	7997	7335	8558	7963	7.69	cps
Iron	56-2	134607	133204	134170	133994	0.54	cps
Iron	57-2	3439	3534	3623	3532	2.60	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:01:07	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	813	793	873	827	5.04	cps
Lead	206-1	6769	6613	6741	6707	1.24	cps
Lead	207-1	5918	5718	5490	5709	3.75	cps
Lead	208-1	26778	26745	26139	26554	1.36	cps
Lithium	6-1	1997036	1996452	2093765	2029084	2.76	cps
Magnesium	24-2	92543	91982	93249	92592	0.69	cps
Manganese	55-2	1967	1970	1847	1928	3.65	cps
Molybdenum	94-1	17887	17278	18062	17742	2.32	cps
Molybdenum	95-1	21484	20649	22135	21423	3.48	cps
Molybdenum	96-1	22994	23329	23913	23412	1.99	cps
Molybdenum	97-1	13132	13323	13098	13184	0.92	cps
Molybdenum	98-1	32898	32890	33232	33007	0.59	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1563	1553	1577	1565	0.75	cps
Phosphorus	31-2	158	200	133	164	20.55	cps
Potassium	39-2	92522	92915	91339	92258	0.89	cps
Rhodium	103-1	7910775	8293808	8448876	8217820	3.37	cps
Rhodium	103-2	4824106	4677327	4938049	4813161	2.72	cps
Scandium	45-1	6322679	6662656	6648467	6544601	2.94	cps
Scandium	45-2	230292	229625	245755	235224	3.88	cps
Selenium	82-1	769	757	689	738	5.88	cps
Selenium	77-2	13	23	20	19	26.96	cps
Selenium	78-2	186	139	161	162	14.51	cps
Silicon	28-1	524545	527017	525992	525851	0.24	cps
Silver	107-1	9470	9412	9520	9467	0.57	cps
Silver	109-1	8303	9153	9328	8928	6.15	cps
Sodium	23-2	203947	205959	202571	204159	0.83	cps
Strontium	86-1	5560	5184	5318	5354	3.55	cps
Strontium	88-1	33583	32397	31820	32600	2.76	cps
Sulfur	34-1	371596	367085	372982	370554	0.83	cps
Terbium	159-1	9096134	9634197	9469826	9400052	2.93	cps
Terbium	159-2	5432360	5349949	5766254	5516188	4.00	cps
Thallium	203-1	6185	6152	6935	6424	6.90	cps
Thallium	205-1	15234	15076	14959	15090	0.92	cps
Tin	118-1	30451	30527	30150	30376	0.66	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:01:07	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7077	6802	6827	6902	2.20	cps
Uranium	238-1	17571	16119	15952	16547	5.38	cps
Vanadium	51-2	10644	10511	10134	10429	2.54	cps
Ytterbium	172-1	25	50	33	36	35.25	cps
Ytterbium	172-2	17	17	6	13	49.47	cps
Ytterbium	176-1	1058	1067	1100	1075	2.05	cps
Ytterbium	176-2	2950	2800	3062	2937	4.46	cps
Yttrium	89-1	20198910	21883429	21341944	21141427	4.07	cps
Yttrium	89-2	2827085	2777379	2893721	2832728	2.06	cps
Zinc	66-2	1750	1717	1850	1772	3.92	cps
Zirconium	90-1	14049	14867	14391	14436	2.84	cps
Zirconium	91-1	2967	3417	3659	3348	10.49	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : PB139814BL Instrumnet Name : P8
 Client Sample ID : PB139814BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:08:16 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399	452	380	410	9.17	cps
Antimony	121-1	425	375	467	422	10.87	cps
Arsenic	75-2	16	12	9	12	28.47	cps
Barium	135-1	300	275	467	347	30.01	cps
Barium	137-1	700	650	650	667	4.33	cps
Beryllium	9-1	84	110	96	97	13.46	cps
Bismuth	209-1	4956357	5413525	5206489	5192123	4.41	cps
Bismuth	209-2	3785138	3717607	3713803	3738849	1.07	cps
Boron	10-1	1000	908	970	959	4.89	cps
Boron	11-1	4780	4986	4638	4801	3.65	cps
Bromine	81-1	18321	18542	18561	18475	0.72	cps
Cadmium	111-1	3037	3630	3706	3457	10.60	cps
Cadmium	106-1	4234	5109	5134	4826	10.62	cps
Cadmium	108-1	63	79	54	65	19.50	cps
Calcium	43-1	1064	1120	1184	1122	5.35	cps
Calcium	44-1	64435	64684	64741	64620	0.25	cps
Carbon	12-1	3881149	3885241	3994281	3920223	1.64	cps
Carbon	12-2	48891	49032	48071	48665	1.07	cps
Chlorine	35-1	1497438	1429938	1436935	1454770	2.55	cps
Chlorine	35-2	10679	10429	10087	10398	2.86	cps
Chromium	52-2	1250	1180	1297	1242	4.73	cps
Cobalt	59-2	170	190	153	171	10.73	cps
Copper	63-2	1517	1610	1393	1507	7.21	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	50	37	30	39	26.18	cps
Gadolinium	160-1	92	92	125	103	18.72	cps
Gadolinium	160-2	53	67	90	70	26.51	cps
Holmium	165-1	8409096	8985464	9144510	8846357	4.37	cps
Holmium	165-2	5348214	5427383	5452394	5409331	1.01	cps
Indium	115-1	7969175	8683275	8595800	8416083	4.63	cps
Indium	115-2	1610596	1612438	1665296	1629443	1.91	cps
Iron	54-2	1661	1483	1495	1546	6.44	cps
Iron	56-2	20109	20860	19308	20092	3.86	cps
Iron	57-2	494	650	550	565	13.96	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BL	Instrumnet Name :	P8
Client Sample ID :	PB139814BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:08:16	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	897	877	863	4.82	cps
Lead	206-1	2100	1828	2234	2054	10.07	cps
Lead	207-1	1678	1667	2000	1782	10.63	cps
Lead	208-1	8057	7912	8440	8136	3.35	cps
Lithium	6-1	1865867	2051144	2007459	1974823	4.90	cps
Magnesium	24-2	2617	2217	2350	2395	8.51	cps
Manganese	55-2	330	347	350	342	3.13	cps
Molybdenum	94-1	1367	1150	1242	1253	8.68	cps
Molybdenum	95-1	1058	1267	1392	1239	13.59	cps
Molybdenum	96-1	1458	1525	1708	1564	8.28	cps
Molybdenum	97-1	625	808	758	731	12.97	cps
Molybdenum	98-1	1875	1934	2117	1975	6.39	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	170	153	163	162	5.17	cps
Phosphorus	31-2	75	117	125	106	25.38	cps
Potassium	39-2	22376	21767	21441	21861	2.17	cps
Rhodium	103-1	8026597	8591690	8562696	8393661	3.79	cps
Rhodium	103-2	4664970	4644072	4758470	4689171	1.30	cps
Scandium	45-1	6104847	6416628	6488036	6336504	3.22	cps
Scandium	45-2	232331	231583	238706	234207	1.67	cps
Selenium	82-1	93	-21	30	34	166.94	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	65	66	110	80	31.98	cps
Silicon	28-1	465334	496142	465125	475534	3.75	cps
Silver	107-1	208	267	317	264	20.55	cps
Silver	109-1	225	192	200	206	8.44	cps
Sodium	23-2	26116	25381	25815	25771	1.43	cps
Strontium	86-1	2534	2517	2317	2456	4.91	cps
Strontium	88-1	8528	8686	8653	8622	0.97	cps
Sulfur	34-1	377535	374262	376961	376253	0.46	cps
Terbium	159-1	8783040	9556499	9365020	9234853	4.36	cps
Terbium	159-2	5454933	5256334	5432561	5381276	2.02	cps
Thallium	203-1	583	608	725	639	11.84	cps
Thallium	205-1	1633	1617	1775	1675	5.19	cps
Tin	118-1	1342	1208	1292	1281	5.26	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BL	Instrumnet Name :	P8
Client Sample ID :	PB139814BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:08:16	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	650	825	750	12.02	cps
Uranium	238-1	517	617	700	611	15.02	cps
Vanadium	51-2	40	80	40	53	43.30	cps
Ytterbium	172-1	17	8	58	28	96.44	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	967	875	1067	970	9.89	cps
Ytterbium	176-2	2745	3006	3006	2919	5.17	cps
Yttrium	89-1	20281605	21467467	21405956	21051676	3.17	cps
Yttrium	89-2	2787667	2695329	2747516	2743504	1.69	cps
Zinc	66-2	850	890	727	822	10.35	cps
Zirconium	90-1	1067	1425	1225	1239	14.49	cps
Zirconium	91-1	283	300	233	272	12.75	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : PB139814BS Instrumnet Name : P8
 Client Sample ID : PB139814BS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:11:19 DataFile Name : 028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	706686	704598	698030	703104	0.64	cps
Antimony	121-1	3940061	4009418	4059190	4002890	1.49	cps
Arsenic	75-2	139375	139108	138795	139093	0.21	cps
Barium	135-1	5007440	5109257	5124035	5080244	1.25	cps
Barium	137-1	8737040	8853791	8938128	8842986	1.14	cps
Beryllium	9-1	793047	818418	809177	806881	1.59	cps
Bismuth	209-1	5156572	5268992	5473703	5299756	3.03	cps
Bismuth	209-2	3756754	3750840	3806900	3771498	0.82	cps
Boron	10-1	74512	78231	82519	78421	5.11	cps
Boron	11-1	350383	376696	385696	370925	4.95	cps
Bromine	81-1	19163	20065	17900	19043	5.71	cps
Cadmium	111-1	1043334	1049110	1073971	1055471	1.54	cps
Cadmium	106-1	114097	113082	115305	114161	0.97	cps
Cadmium	108-1	75301	77722	76724	76582	1.59	cps
Calcium	43-1	1649817	1640139	1686802	1658919	1.48	cps
Calcium	44-1	26253112	26181330	26353773	26262738	0.33	cps
Carbon	12-1	4421997	4454111	4540359	4472156	1.37	cps
Carbon	12-2	56660	58618	58124	57801	1.76	cps
Chlorine	35-1	1364204	1369158	1327313	1353558	1.69	cps
Chlorine	35-2	9920	9837	9795	9851	0.65	cps
Chromium	52-2	1542994	1534338	1545090	1540808	0.37	cps
Cobalt	59-2	2688298	2746690	2726158	2720382	1.09	cps
Copper	63-2	21255363	21379755	21341476	21325531	0.30	cps
Dysprosium	156-1	175	225	208	203	12.55	cps
Dysprosium	156-2	80	93	83	86	8.11	cps
Erbium	164-1	117	50	92	86	39.11	cps
Erbium	164-2	50	50	40	47	12.37	cps
Gadolinium	160-1	200	192	175	189	6.74	cps
Gadolinium	160-2	153	133	133	140	8.25	cps
Holmium	165-1	9220696	9302110	9324321	9282376	0.59	cps
Holmium	165-2	5431687	5637018	5458601	5509102	2.03	cps
Indium	115-1	8500093	8596421	8575157	8557224	0.59	cps
Indium	115-2	1595146	1624197	1570126	1596490	1.69	cps
Iron	54-2	3338005	3393119	3409799	3380307	1.11	cps
Iron	56-2	60390565	60636486	60657681	60561577	0.25	cps
Iron	57-2	1503091	1550897	1548142	1534043	1.75	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BS	Instrumnet Name :	P8
Client Sample ID :	PB139814BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:11:19	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	943	847	886	5.76	cps
Lead	206-1	13402746	13575528	13727605	13568626	1.20	cps
Lead	207-1	11579568	11385739	11755183	11573497	1.60	cps
Lead	208-1	52834341	52889608	54309184	53344378	1.57	cps
Lithium	6-1	2176127	2104939	2071030	2117365	2.53	cps
Magnesium	24-2	10815542	10549617	10492095	10619084	1.62	cps
Manganese	55-2	7528441	7585016	7581745	7565067	0.42	cps
Molybdenum	94-1	9737486	9646842	9659125	9681151	0.51	cps
Molybdenum	95-1	11876770	11851347	11907686	11878601	0.24	cps
Molybdenum	96-1	12969563	13192429	13290150	13150714	1.25	cps
Molybdenum	97-1	7262335	7054420	7181106	7165954	1.46	cps
Molybdenum	98-1	18627499	18147129	18384861	18386496	1.31	cps
Neodymium	150-1	187	240	187	204	15.06	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	736705	733888	731694	734096	0.34	cps
Phosphorus	31-2	39446	38527	38309	38761	1.56	cps
Potassium	39-2	4193335	4226597	4222227	4214053	0.43	cps
Rhodium	103-1	8409066	8195341	8292028	8298812	1.29	cps
Rhodium	103-2	4662730	4726913	4549837	4646493	1.93	cps
Scandium	45-1	6668018	6847199	6711623	6742280	1.39	cps
Scandium	45-2	236572	236861	232091	235175	1.14	cps
Selenium	82-1	78102	77854	78394	78117	0.35	cps
Selenium	77-2	2794	2924	2820	2846	2.41	cps
Selenium	78-2	9464	9517	9547	9510	0.44	cps
Silicon	28-1	3456417	3430024	3588442	3491627	2.43	cps
Silver	107-1	5503129	5361749	5544369	5469749	1.75	cps
Silver	109-1	5158942	5271991	5297438	5242791	1.41	cps
Sodium	23-2	20046692	20533861	19699771	20093442	2.09	cps
Strontium	86-1	15027555	15325170	15190265	15180997	0.98	cps
Strontium	88-1	130064849	131015407	131610645	130896967	0.60	cps
Sulfur	34-1	874021	880290	875262	876524	0.38	cps
Terbium	159-1	9784787	9836609	9817933	9813110	0.27	cps
Terbium	159-2	5558129	5565739	5551998	5558622	0.12	cps
Thallium	203-1	3270942	3317546	3274041	3287510	0.79	cps
Thallium	205-1	7695895	7816809	7740460	7751055	0.79	cps
Tin	118-1	3490786	3446514	3527700	3488333	1.17	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	PB139814BS	Instrumnet Name :	P8
Client Sample ID :	PB139814BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:11:19	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3671554	3710833	3776702	3719696	1.43	cps
Uranium	238-1	9503086	9495940	10052831	9683952	3.30	cps
Vanadium	51-2	1194286	1190973	1188484	1191248	0.24	cps
Ytterbium	172-1	58	58	17	44	54.12	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	14250	14842	14550	14547	2.04	cps
Ytterbium	176-2	10966	11372	11283	11207	1.90	cps
Yttrium	89-1	21927951	21730735	21905188	21854624	0.49	cps
Yttrium	89-2	2820244	2838521	2775831	2811532	1.15	cps
Zinc	66-2	2355250	2301313	2335103	2330556	1.17	cps
Zirconium	90-1	8399381	8043909	8220640	8221310	2.16	cps
Zirconium	91-1	1894708	1847717	1884449	1875625	1.32	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17435	17576	18170	17727	2.20	cps
Antimony	121-1	3067	3209	3251	3175	3.03	cps
Arsenic	75-2	295	318	291	301	4.84	cps
Barium	135-1	133388	135086	132731	133735	0.91	cps
Barium	137-1	237407	238845	234224	236825	1.00	cps
Beryllium	9-1	184	142	144	157	15.13	cps
Bismuth	209-1	5362220	5468445	5338591	5389752	1.28	cps
Bismuth	209-2	3740748	3826118	3861106	3809324	1.63	cps
Boron	10-1	27382	27709	27671	27587	0.65	cps
Boron	11-1	132419	135837	135710	134656	1.44	cps
Bromine	81-1	50001	59808	66597	58802	14.19	cps
Cadmium	111-1	3869	4301	3976	4049	5.56	cps
Cadmium	106-1	5318	5851	5568	5579	4.78	cps
Cadmium	108-1	71	58	67	65	9.75	cps
Calcium	43-1	1234342	1263463	1267948	1255251	1.45	cps
Calcium	44-1	20170044	21077655	21087258	20778319	2.54	cps
Carbon	12-1	8249029	9148412	9891673	9096371	9.04	cps
Carbon	12-2	133362	133741	140006	135703	2.75	cps
Chlorine	35-1	2046496	2315615	2482827	2281646	9.65	cps
Chlorine	35-2	22067	22051	23369	22496	3.36	cps
Chromium	52-2	3190	3400	3320	3304	3.21	cps
Cobalt	59-2	1960	2120	2110	2064	4.34	cps
Copper	63-2	10307	10561	10434	10434	1.21	cps
Dysprosium	156-1	492	458	350	433	17.09	cps
Dysprosium	156-2	217	270	237	241	11.18	cps
Erbium	164-1	425	475	458	453	5.62	cps
Erbium	164-2	203	177	260	213	19.95	cps
Gadolinium	160-1	567	358	458	461	22.60	cps
Gadolinium	160-2	330	270	347	316	12.78	cps
Holmium	165-1	9385838	9784783	9698486	9623036	2.18	cps
Holmium	165-2	5648932	5825927	5766042	5746967	1.57	cps
Indium	115-1	8600446	9153983	8852788	8869072	3.12	cps
Indium	115-2	1644780	1685023	1672007	1667270	1.23	cps
Iron	54-2	55476	55062	58375	56304	3.21	cps
Iron	56-2	1040993	1004692	988897	1011527	2.64	cps
Iron	57-2	25885	25445	27195	26175	3.48	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	860	773	778	10.30	cps
Lead	206-1	6146	5462	5351	5653	7.61	cps
Lead	207-1	5512	4679	4529	4907	10.80	cps
Lead	208-1	24793	22280	21780	22951	7.04	cps
Lithium	6-1	2022348	2128154	2092137	2080880	2.59	cps
Magnesium	24-2	2337534	2326238	2284919	2316230	1.20	cps
Manganese	55-2	445571	443025	445453	444683	0.32	cps
Molybdenum	94-1	4684	4309	4184	4393	5.93	cps
Molybdenum	95-1	5960	5351	4968	5426	9.22	cps
Molybdenum	96-1	6568	6085	5901	6185	5.57	cps
Molybdenum	97-1	3834	3184	3059	3359	12.39	cps
Molybdenum	98-1	9112	8236	7744	8364	8.28	cps
Neodymium	150-1	407	467	420	431	7.31	cps
Neodymium	150-2	190	200	170	187	8.18	cps
Nickel	60-2	1773	1833	1790	1799	1.72	cps
Phosphorus	31-2	1058	1075	900	1011	9.55	cps
Potassium	39-2	530237	533487	524424	529383	0.87	cps
Rhodium	103-1	8329357	8952575	8758723	8680219	3.67	cps
Rhodium	103-2	4786842	4902956	4824491	4838096	1.22	cps
Scandium	45-1	6617114	7110925	6935294	6887778	3.63	cps
Scandium	45-2	239080	244735	242696	242170	1.18	cps
Selenium	82-1	224	17	148	130	80.96	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	82	73	81	79	6.27	cps
Silicon	28-1	29105335	28790127	29067937	28987800	0.59	cps
Silver	107-1	1617	1483	1142	1414	17.33	cps
Silver	109-1	1542	1333	992	1289	21.54	cps
Sodium	23-2	24640693	24147046	23772034	24186591	1.80	cps
Strontium	86-1	560890	564796	570991	565559	0.90	cps
Strontium	88-1	4908498	4951261	4824796	4894852	1.31	cps
Sulfur	34-1	997338	1023415	1034048	1018267	1.85	cps
Terbium	159-1	9734705	9898332	9695122	9776053	1.10	cps
Terbium	159-2	5684829	5661452	5586907	5644396	0.91	cps
Thallium	203-1	1067	1092	817	992	15.34	cps
Thallium	205-1	2700	2192	2042	2311	14.93	cps
Tin	118-1	1917	1692	1925	1845	7.18	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:14:12	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	16203	13810	14667	14893	8.14	cps
Uranium	238-1	4293	4359	3951	4201	5.22	cps
Vanadium	51-2	4627	4621	4444	4564	2.28	cps
Ytterbium	172-1	158	167	233	186	22.09	cps
Ytterbium	172-2	100	144	161	135	23.37	cps
Ytterbium	176-1	1208	1392	1242	1281	7.63	cps
Ytterbium	176-2	2639	3017	3050	2902	7.87	cps
Yttrium	89-1	22129839	22719793	21715210	22188281	2.28	cps
Yttrium	89-2	2842250	2893205	2923767	2886407	1.43	cps
Zinc	66-2	14945	14868	14801	14871	0.48	cps
Zirconium	90-1	4476	3626	4009	4037	10.55	cps
Zirconium	91-1	942	1484	983	1136	26.56	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	895	937	760	864	10.73	cps
Antimony	121-1	2384	2275	2042	2234	7.82	cps
Arsenic	75-2	236	264	244	248	5.81	cps
Barium	135-1	117660	119484	115796	117647	1.57	cps
Barium	137-1	206965	206524	209330	207606	0.73	cps
Beryllium	9-1	70	76	66	71	7.12	cps
Bismuth	209-1	5295026	5380690	5326297	5334004	0.81	cps
Bismuth	209-2	3812931	3825172	3732706	3790270	1.33	cps
Boron	10-1	21766	22996	22923	22562	3.06	cps
Boron	11-1	108666	111956	115800	112141	3.18	cps
Bromine	81-1	59728	65177	71133	65346	8.73	cps
Cadmium	111-1	3857	3697	3831	3795	2.26	cps
Cadmium	106-1	5385	5193	5410	5329	2.23	cps
Cadmium	108-1	29	42	38	36	17.62	cps
Calcium	43-1	1220579	1231366	1256423	1236123	1.49	cps
Calcium	44-1	19690116	20795241	19745382	20076913	3.10	cps
Carbon	12-1	9013684	9556720	10020138	9530181	5.29	cps
Carbon	12-2	134153	134834	137322	135436	1.23	cps
Chlorine	35-1	2912954	3076190	3171289	3053478	4.28	cps
Chlorine	35-2	26408	28019	28387	27605	3.81	cps
Chromium	52-2	2354	2550	2404	2436	4.20	cps
Cobalt	59-2	890	930	777	866	9.19	cps
Copper	63-2	10067	10187	9880	10045	1.54	cps
Dysprosium	156-1	83	83	58	75	19.24	cps
Dysprosium	156-2	50	37	53	47	18.89	cps
Erbium	164-1	183	142	100	142	29.41	cps
Erbium	164-2	50	70	53	58	18.55	cps
Gadolinium	160-1	175	150	133	153	13.73	cps
Gadolinium	160-2	77	100	93	90	13.35	cps
Holmium	165-1	9107449	9410889	9513610	9343983	2.26	cps
Holmium	165-2	5595974	5628613	5361662	5528750	2.63	cps
Indium	115-1	8505926	8996693	8675738	8726119	2.86	cps
Indium	115-2	1642284	1635332	1631574	1636397	0.33	cps
Iron	54-2	2723	2745	2411	2626	7.10	cps
Iron	56-2	45038	44197	35394	41543	12.86	cps
Iron	57-2	1867	1856	1561	1761	9.84	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	847	893	910	883	3.72	cps
Lead	206-1	2017	2178	2106	2100	3.84	cps
Lead	207-1	1783	1711	1689	1728	2.86	cps
Lead	208-1	7829	8096	8190	8038	2.33	cps
Lithium	6-1	2007136	2187885	2071959	2088993	4.38	cps
Magnesium	24-2	2327167	2314628	2312934	2318243	0.34	cps
Manganese	55-2	105234	103573	103828	104211	0.86	cps
Molybdenum	94-1	2934	2784	2634	2784	5.39	cps
Molybdenum	95-1	3859	3817	3476	3717	5.66	cps
Molybdenum	96-1	4042	4309	4192	4181	3.20	cps
Molybdenum	97-1	2117	2250	2275	2214	3.84	cps
Molybdenum	98-1	5510	6435	6210	6052	7.98	cps
Neodymium	150-1	80	33	33	49	55.12	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	1313	1463	1370	1382	5.48	cps
Phosphorus	31-2	833	642	650	708	15.29	cps
Potassium	39-2	511876	505025	500043	505648	1.18	cps
Rhodium	103-1	8208914	8724080	8776831	8569942	3.66	cps
Rhodium	103-2	4659632	4698453	4561546	4639877	1.52	cps
Scandium	45-1	6569718	6919702	6744563	6744661	2.59	cps
Scandium	45-2	238349	240652	233955	237652	1.43	cps
Selenium	82-1	67	25	20	37	69.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	71	85	110	89	22.28	cps
Silicon	28-1	26284158	25883210	26416563	26194644	1.06	cps
Silver	107-1	233	233	383	283	30.57	cps
Silver	109-1	167	217	208	197	13.58	cps
Sodium	23-2	20610547	20737575	20618084	20655402	0.35	cps
Strontium	86-1	537545	554768	559191	550501	2.08	cps
Strontium	88-1	4679036	4909813	4881824	4823558	2.61	cps
Sulfur	34-1	1010535	985217	1019122	1004958	1.75	cps
Terbium	159-1	9711278	9960980	9881451	9851236	1.29	cps
Terbium	159-2	5571469	5498274	5335989	5468577	2.20	cps
Thallium	203-1	533	492	492	506	4.76	cps
Thallium	205-1	1275	1417	1375	1356	5.37	cps
Tin	118-1	2017	2325	2442	2261	9.71	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:20:53	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	933	983	900	939	4.47	cps
Uranium	238-1	3050	3092	3050	3064	0.79	cps
Vanadium	51-2	2650	2840	2467	2653	7.04	cps
Ytterbium	172-1	150	150	100	133	21.65	cps
Ytterbium	172-2	72	83	111	89	22.53	cps
Ytterbium	176-1	1333	1200	1150	1228	7.72	cps
Ytterbium	176-2	2661	2728	2889	2760	4.24	cps
Yttrium	89-1	21209480	22784265	22002653	21998799	3.58	cps
Yttrium	89-2	2830997	2848692	2753442	2811044	1.80	cps
Zinc	66-2	23329	21900	22528	22586	3.17	cps
Zirconium	90-1	1600	1342	1408	1450	9.25	cps
Zirconium	91-1	442	375	350	389	12.18	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110477	1107596	1086585	1101553	1.18	cps
Antimony	121-1	20274	21117	20341	20577	2.28	cps
Arsenic	75-2	3105	3201	3091	3132	1.91	cps
Barium	135-1	457112	453670	456223	455668	0.39	cps
Barium	137-1	802326	786263	799363	795984	1.07	cps
Beryllium	9-1	1776	1846	1808	1810	1.94	cps
Bismuth	209-1	5502648	5505131	5495104	5500961	0.09	cps
Bismuth	209-2	3809521	3982449	4192947	3994973	4.81	cps
Boron	10-1	68212	70449	73665	70776	3.87	cps
Boron	11-1	338287	357041	360242	351857	3.37	cps
Bromine	81-1	86262	97556	105845	96554	10.18	cps
Cadmium	111-1	6859	6863	6930	6884	0.58	cps
Cadmium	106-1	5710	5893	5851	5818	1.65	cps
Cadmium	108-1	358	388	333	360	7.54	cps
Calcium	43-1	3629332	3613522	3596217	3613024	0.46	cps
Calcium	44-1	60634192	59642772	59212567	59829844	1.22	cps
Carbon	12-1	21966286	23986474	24262511	23405091	5.36	cps
Carbon	12-2	319273	318781	314049	317368	0.91	cps
Chlorine	35-1	3104178	3156243	3177908	3146110	1.20	cps
Chlorine	35-2	27385	26266	28045	27232	3.30	cps
Chromium	52-2	94593	94684	91289	93522	2.07	cps
Cobalt	59-2	78968	80479	76890	78779	2.29	cps
Copper	63-2	411883	408167	402925	407658	1.10	cps
Dysprosium	156-1	31454	31011	31362	31276	0.75	cps
Dysprosium	156-2	18540	17995	17922	18152	1.86	cps
Erbium	164-1	28757	28539	28573	28623	0.41	cps
Erbium	164-2	15696	15603	15900	15733	0.97	cps
Gadolinium	160-1	32624	31705	32482	32270	1.53	cps
Gadolinium	160-2	20185	20679	20483	20449	1.22	cps
Holmium	165-1	9764307	9748716	9806741	9773255	0.31	cps
Holmium	165-2	5599594	5700505	6172343	5824147	5.25	cps
Indium	115-1	9174181	9062813	9072334	9103109	0.68	cps
Indium	115-2	1665680	1692757	1816974	1725137	4.68	cps
Iron	54-2	2915147	2948075	2905030	2922751	0.77	cps
Iron	56-2	52899971	52667296	51384365	52317210	1.56	cps
Iron	57-2	1291966	1283866	1274830	1283554	0.67	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	930	907	926	1.85	cps
Lead	206-1	565999	593062	572253	577105	2.46	cps
Lead	207-1	489805	487837	482192	486611	0.81	cps
Lead	208-1	2255649	2279008	2238825	2257827	0.89	cps
Lithium	6-1	2154540	2182001	2272834	2203125	2.81	cps
Magnesium	24-2	2846817	2745139	2759372	2783776	1.98	cps
Manganese	55-2	1691355	1712762	1680595	1694904	0.97	cps
Molybdenum	94-1	33023	34160	34746	33977	2.58	cps
Molybdenum	95-1	43920	44656	44530	44369	0.89	cps
Molybdenum	96-1	49690	50258	50693	50214	1.00	cps
Molybdenum	97-1	26801	27586	27211	27199	1.44	cps
Molybdenum	98-1	70546	70044	67591	69393	2.28	cps
Neodymium	150-1	41732	41765	41779	41758	0.06	cps
Neodymium	150-2	17809	18006	16884	17566	3.41	cps
Nickel	60-2	102311	103040	100814	102055	1.11	cps
Phosphorus	31-2	14099	13724	12739	13521	5.19	cps
Potassium	39-2	2329478	2338886	2305112	2324492	0.75	cps
Rhodium	103-1	8678347	8969691	8623012	8757017	2.13	cps
Rhodium	103-2	4616592	4741422	5290118	4882711	7.34	cps
Scandium	45-1	7100497	7128805	7025285	7084862	0.76	cps
Scandium	45-2	238841	246950	263745	249845	5.08	cps
Selenium	82-1	261	297	306	288	8.36	cps
Selenium	77-2	80	100	107	96	14.52	cps
Selenium	78-2	180	164	154	166	7.90	cps
Silicon	28-1	135108991	143432478	141795203	140112224	3.15	cps
Silver	107-1	4659	4551	4709	4640	1.74	cps
Silver	109-1	4309	4368	4826	4501	6.29	cps
Sodium	23-2	19416387	18776572	19412227	19201729	1.92	cps
Strontium	86-1	1361060	1397810	1385682	1381517	1.36	cps
Strontium	88-1	11729250	11881864	12087742	11899619	1.51	cps
Sulfur	34-1	2466591	2407085	2385135	2419604	1.74	cps
Terbium	159-1	10268633	10209141	10402233	10293336	0.96	cps
Terbium	159-2	5606251	5742604	6061935	5803597	4.03	cps
Thallium	203-1	4217	4234	4242	4231	0.30	cps
Thallium	205-1	10188	9946	10221	10118	1.48	cps
Tin	118-1	18087	18805	18555	18482	1.97	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:23:50	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	703548	692840	694899	697095	0.82	cps
Uranium	238-1	19490	20084	18698	19424	3.58	cps
Vanadium	51-2	89676	88867	87384	88643	1.31	cps
Ytterbium	172-1	7744	8128	7602	7825	3.47	cps
Ytterbium	172-2	5629	5596	5190	5472	4.47	cps
Ytterbium	176-1	5876	6135	5918	5977	2.32	cps
Ytterbium	176-2	6113	6085	6791	6329	6.32	cps
Yttrium	89-1	23174486	23647092	23516125	23445901	1.04	cps
Yttrium	89-2	2878073	2908819	3197034	2994642	5.88	cps
Zinc	66-2	364087	363765	360778	362877	0.50	cps
Zirconium	90-1	21094	20366	21929	21130	3.70	cps
Zirconium	91-1	5260	4960	5093	5104	2.95	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1016	1055	955	1009	5.00	cps
Antimony	121-1	6410	6268	6235	6304	1.47	cps
Arsenic	75-2	394	399	378	390	2.81	cps
Barium	135-1	117071	114668	113978	115239	1.41	cps
Barium	137-1	202689	199475	208281	203481	2.19	cps
Beryllium	9-1	28	44	28	33	27.72	cps
Bismuth	209-1	5189446	5358917	5251754	5266706	1.63	cps
Bismuth	209-2	3748061	3838162	3664406	3750210	2.32	cps
Boron	10-1	67704	67909	69510	68374	1.45	cps
Boron	11-1	325820	349791	352531	342714	4.29	cps
Bromine	81-1	139056	156131	180432	158539	13.12	cps
Cadmium	111-1	3980	3517	3555	3684	6.97	cps
Cadmium	106-1	5635	5068	5051	5251	6.33	cps
Cadmium	108-1	21	92	38	50	74.07	cps
Calcium	43-1	3338575	3225572	3281466	3281871	1.72	cps
Calcium	44-1	55146779	54641789	54089501	54626023	0.97	cps
Carbon	12-1	12546645	13477328	14065420	13363131	5.73	cps
Carbon	12-2	182502	184535	188525	185187	1.65	cps
Chlorine	35-1	2542447	2637828	2746113	2642129	3.86	cps
Chlorine	35-2	21909	23236	22493	22546	2.95	cps
Chromium	52-2	4411	4374	4351	4379	0.69	cps
Cobalt	59-2	3847	3974	3824	3882	2.08	cps
Copper	63-2	47797	47382	47747	47642	0.48	cps
Dysprosium	156-1	100	125	108	111	11.46	cps
Dysprosium	156-2	70	83	97	83	16.00	cps
Erbium	164-1	275	217	175	222	22.60	cps
Erbium	164-2	143	120	107	123	15.05	cps
Gadolinium	160-1	150	158	192	167	13.23	cps
Gadolinium	160-2	123	130	137	130	5.13	cps
Holmium	165-1	9317737	9353786	9211887	9294470	0.79	cps
Holmium	165-2	5585796	5667570	5416817	5556728	2.30	cps
Indium	115-1	8583433	8775239	8601578	8653417	1.22	cps
Indium	115-2	1659852	1650144	1634730	1648242	0.77	cps
Iron	54-2	36469	36096	36374	36313	0.53	cps
Iron	56-2	664607	669537	660556	664900	0.68	cps
Iron	57-2	18006	18802	18841	18549	2.54	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	787	890	867	8.22	cps
Lead	206-1	1606	1839	1828	1758	7.49	cps
Lead	207-1	1606	1495	1483	1528	4.42	cps
Lead	208-1	6634	7095	6890	6873	3.36	cps
Lithium	6-1	2037654	2125869	2008805	2057443	2.96	cps
Magnesium	24-2	1583177	1535649	1605265	1574697	2.26	cps
Manganese	55-2	970635	956688	942817	956713	1.45	cps
Molybdenum	94-1	5960	6568	6735	6421	6.36	cps
Molybdenum	95-1	9462	9470	9462	9465	0.05	cps
Molybdenum	96-1	10588	10121	10830	10513	3.43	cps
Molybdenum	97-1	5968	5818	5985	5924	1.55	cps
Molybdenum	98-1	15701	15326	14274	15100	4.90	cps
Neodymium	150-1	107	133	93	111	18.33	cps
Neodymium	150-2	40	13	57	37	59.62	cps
Nickel	60-2	21426	21703	21566	21565	0.64	cps
Phosphorus	31-2	1583	1750	1733	1689	5.44	cps
Potassium	39-2	1919342	1913113	1960821	1931092	1.34	cps
Rhodium	103-1	8256479	8675318	8488756	8473518	2.48	cps
Rhodium	103-2	4671464	4846264	4563471	4693733	3.04	cps
Scandium	45-1	6681364	6911744	6688971	6760693	1.94	cps
Scandium	45-2	236944	240521	234522	237329	1.27	cps
Selenium	82-1	41	224	136	134	68.30	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	90	78	87	85	7.35	cps
Silicon	28-1	35996908	36052850	35191946	35747234	1.35	cps
Silver	107-1	275	350	333	319	12.33	cps
Silver	109-1	258	242	217	239	8.78	cps
Sodium	23-2	18559865	18721569	19331131	18870855	2.16	cps
Strontium	86-1	1255581	1241000	1240376	1245652	0.69	cps
Strontium	88-1	10763903	10548098	10731362	10681121	1.09	cps
Sulfur	34-1	2331567	2348007	2349515	2343030	0.42	cps
Terbium	159-1	9536481	10034543	9930572	9833865	2.67	cps
Terbium	159-2	5445809	5495591	5481394	5474265	0.47	cps
Thallium	203-1	433	317	317	356	18.94	cps
Thallium	205-1	867	850	717	811	10.14	cps
Tin	118-1	2050	2075	2009	2045	1.65	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-32	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:29:39	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1675	1683	1792	1717	3.79	cps
Uranium	238-1	3050	2742	3067	2953	6.20	cps
Vanadium	51-2	2820	2687	2817	2775	2.74	cps
Ytterbium	172-1	317	408	408	378	14.01	cps
Ytterbium	172-2	217	211	272	233	14.48	cps
Ytterbium	176-1	1267	1350	1367	1328	4.03	cps
Ytterbium	176-2	2650	2889	2834	2791	4.48	cps
Yttrium	89-1	21245252	21981733	22431987	21886324	2.74	cps
Yttrium	89-2	2822591	2886812	2774000	2827801	2.00	cps
Zinc	66-2	10117	9843	9907	9956	1.44	cps
Zirconium	90-1	3092	2934	2709	2911	6.62	cps
Zirconium	91-1	475	633	700	603	19.17	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21491	17300	17194	18662	13.13	cps
Antimony	121-1	1442	1458	1592	1497	5.49	cps
Arsenic	75-2	312	278	261	284	9.16	cps
Barium	135-1	131234	129599	130787	130540	0.65	cps
Barium	137-1	231595	225827	228865	228762	1.26	cps
Beryllium	9-1	68	44	66	59	22.45	cps
Bismuth	209-1	5366031	5297743	5235610	5299795	1.23	cps
Bismuth	209-2	3787740	3722791	3596461	3702331	2.63	cps
Boron	10-1	28370	29710	29883	29321	2.82	cps
Boron	11-1	143030	148317	150362	147236	2.57	cps
Bromine	81-1	81136	84691	87743	84523	3.91	cps
Cadmium	111-1	3879	3887	3722	3829	2.43	cps
Cadmium	106-1	5451	5543	5268	5421	2.58	cps
Cadmium	108-1	29	38	46	38	22.21	cps
Calcium	43-1	1239145	1280939	1249518	1256534	1.73	cps
Calcium	44-1	19895713	20422180	20418823	20245572	1.50	cps
Carbon	12-1	9485366	10437215	10833249	10251943	6.76	cps
Carbon	12-2	144769	143615	151189	146525	2.78	cps
Chlorine	35-1	3079384	3268081	3372429	3239965	4.58	cps
Chlorine	35-2	28529	28980	29748	29085	2.12	cps
Chromium	52-2	3017	2737	2854	2869	4.90	cps
Cobalt	59-2	1843	1877	1970	1897	3.46	cps
Copper	63-2	8896	8880	8886	8887	0.09	cps
Dysprosium	156-1	317	450	325	364	20.53	cps
Dysprosium	156-2	237	237	190	221	12.19	cps
Erbium	164-1	467	392	492	450	11.57	cps
Erbium	164-2	200	223	200	208	6.49	cps
Gadolinium	160-1	558	1018	450	676	44.65	cps
Gadolinium	160-2	340	277	303	307	10.37	cps
Holmium	165-1	9604339	9115190	9357368	9358965	2.61	cps
Holmium	165-2	5528405	5317219	5407416	5417680	1.96	cps
Indium	115-1	8964952	8742735	8981535	8896407	1.50	cps
Indium	115-2	1663276	1607373	1563436	1611362	3.11	cps
Iron	54-2	53233	53389	52117	52913	1.31	cps
Iron	56-2	944332	964071	942215	950206	1.27	cps
Iron	57-2	24266	23842	24176	24095	0.93	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	870	853	893	872	2.30	cps
Lead	206-1	4484	4595	4306	4462	3.27	cps
Lead	207-1	3689	3395	3784	3623	5.60	cps
Lead	208-1	17160	17333	17105	17199	0.69	cps
Lithium	6-1	2117470	2120944	2185506	2141307	1.79	cps
Magnesium	24-2	2259980	2271866	2259829	2263891	0.31	cps
Manganese	55-2	429987	431111	426211	429103	0.60	cps
Molybdenum	94-1	2917	2842	2900	2886	1.36	cps
Molybdenum	95-1	3226	3909	3576	3570	9.57	cps
Molybdenum	96-1	3884	4142	3909	3978	3.58	cps
Molybdenum	97-1	2025	1975	2109	2036	3.31	cps
Molybdenum	98-1	5635	5601	5360	5532	2.71	cps
Neodymium	150-1	447	500	407	451	10.38	cps
Neodymium	150-2	170	167	157	164	4.22	cps
Nickel	60-2	1707	1553	1507	1589	6.59	cps
Phosphorus	31-2	1075	925	1017	1006	7.52	cps
Potassium	39-2	500611	515985	500041	505546	1.79	cps
Rhodium	103-1	8509158	8466386	8531340	8502295	0.39	cps
Rhodium	103-2	4675717	4669958	4501721	4615799	2.14	cps
Scandium	45-1	6743370	6810764	6761026	6771720	0.52	cps
Scandium	45-2	235699	230196	222225	229373	2.95	cps
Selenium	82-1	35	77	19	44	69.07	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	101	77	73	84	18.10	cps
Silicon	28-1	29450732	28401602	28748585	28866973	1.85	cps
Silver	107-1	217	233	217	222	4.33	cps
Silver	109-1	150	183	133	156	16.37	cps
Sodium	23-2	23158383	23300117	23490647	23316382	0.72	cps
Strontium	86-1	549063	556744	545456	550421	1.05	cps
Strontium	88-1	4674614	4834131	4862333	4790359	2.11	cps
Sulfur	34-1	1034638	1027394	1054424	1038819	1.35	cps
Terbium	159-1	9858586	9831895	9771786	9820756	0.45	cps
Terbium	159-2	5516541	5426630	5194618	5379263	3.09	cps
Thallium	203-1	375	375	325	358	8.06	cps
Thallium	205-1	983	800	850	878	10.80	cps
Tin	118-1	1133	1067	1425	1208	15.77	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:32:32	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13082	14019	14228	13776	4.43	cps
Uranium	238-1	3351	3017	3125	3164	5.37	cps
Vanadium	51-2	4711	4437	4254	4467	5.15	cps
Ytterbium	172-1	242	308	158	236	31.83	cps
Ytterbium	172-2	122	128	139	130	6.55	cps
Ytterbium	176-1	1058	1142	1358	1186	13.06	cps
Ytterbium	176-2	2328	2856	2995	2726	12.90	cps
Yttrium	89-1	21807560	21978049	22455555	22080388	1.52	cps
Yttrium	89-2	2806028	2721098	2650284	2725803	2.86	cps
Zinc	66-2	12059	11935	11778	11924	1.18	cps
Zirconium	90-1	4115	3026	3167	3436	17.24	cps
Zirconium	91-1	783	683	1200	889	30.85	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3341	3451	3293	3362	2.42	cps
Antimony	121-1	283	475	275	344	32.85	cps
Arsenic	75-2	56	65	60	60	7.47	cps
Barium	135-1	25082	24356	24464	24634	1.59	cps
Barium	137-1	42342	43345	43387	43025	1.38	cps
Beryllium	9-1	36	44	26	35	25.53	cps
Bismuth	209-1	5560872	5391576	5256367	5402938	2.82	cps
Bismuth	209-2	3625792	3731898	3756064	3704584	1.87	cps
Boron	10-1	10344	10302	10065	10237	1.46	cps
Boron	11-1	51031	51635	50272	50979	1.34	cps
Bromine	81-1	35632	37699	36746	36692	2.82	cps
Cadmium	111-1	3843	3751	3720	3771	1.70	cps
Cadmium	106-1	5468	5351	5276	5365	1.80	cps
Cadmium	108-1	38	58	33	43	31.11	cps
Calcium	43-1	229410	229832	228360	229201	0.33	cps
Calcium	44-1	3823710	3849785	3904234	3859243	1.06	cps
Carbon	12-1	6209220	6148555	5902452	6086742	2.67	cps
Carbon	12-2	73870	73300	72614	73261	0.86	cps
Chlorine	35-1	2645114	2570910	2502119	2572714	2.78	cps
Chlorine	35-2	18754	18220	17261	18078	4.19	cps
Chromium	52-2	1493	1483	1503	1493	0.67	cps
Cobalt	59-2	403	423	433	420	3.64	cps
Copper	63-2	2480	2460	2590	2510	2.79	cps
Dysprosium	156-1	83	117	67	89	28.64	cps
Dysprosium	156-2	50	37	43	43	15.38	cps
Erbium	164-1	108	108	200	139	38.10	cps
Erbium	164-2	80	67	73	73	9.09	cps
Gadolinium	160-1	150	67	175	131	43.45	cps
Gadolinium	160-2	77	103	110	97	18.25	cps
Holmium	165-1	9342192	9422773	9184737	9316568	1.30	cps
Holmium	165-2	5174045	5348972	5409133	5310717	2.30	cps
Indium	115-1	8911006	9005200	8680668	8865625	1.88	cps
Indium	115-2	1505685	1621557	1672958	1600067	5.35	cps
Iron	54-2	11077	10365	9831	10425	6.00	cps
Iron	56-2	206965	191871	180982	193273	6.75	cps
Iron	57-2	5018	4490	4662	4723	5.70	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	743	980	871	13.71	cps
Lead	206-1	1867	1845	1728	1813	4.12	cps
Lead	207-1	1345	1639	1583	1522	10.28	cps
Lead	208-1	7034	7334	6640	7003	4.97	cps
Lithium	6-1	2251383	2169501	2077186	2166023	4.02	cps
Magnesium	24-2	424318	418456	416656	419810	0.95	cps
Manganese	55-2	81230	79168	79678	80025	1.34	cps
Molybdenum	94-1	950	783	933	889	10.33	cps
Molybdenum	95-1	933	833	692	819	14.82	cps
Molybdenum	96-1	858	992	850	900	8.83	cps
Molybdenum	97-1	592	492	442	508	15.03	cps
Molybdenum	98-1	1225	1167	1367	1253	8.21	cps
Neodymium	150-1	100	67	67	78	24.74	cps
Neodymium	150-2	27	37	40	34	20.14	cps
Nickel	60-2	357	380	450	396	12.28	cps
Phosphorus	31-2	308	258	300	289	9.27	cps
Potassium	39-2	110707	111144	109799	110550	0.62	cps
Rhodium	103-1	8490313	8443896	8331531	8421913	0.97	cps
Rhodium	103-2	4436471	4689439	4628284	4584731	2.88	cps
Scandium	45-1	6763145	6707764	6680340	6717083	0.63	cps
Scandium	45-2	219335	227469	232025	226276	2.84	cps
Selenium	82-1	54	195	-95	51	283.18	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	90	76	57	74	22.28	cps
Silicon	28-1	5420175	5544810	5443722	5469569	1.21	cps
Silver	107-1	208	183	192	194	6.55	cps
Silver	109-1	92	100	117	103	12.39	cps
Sodium	23-2	4438003	4427328	4403921	4423084	0.39	cps
Strontium	86-1	102189	112893	103247	106110	5.56	cps
Strontium	88-1	883444	894773	901330	893182	1.01	cps
Sulfur	34-1	520409	521145	526780	522778	0.67	cps
Terbium	159-1	9760090	9600053	9695249	9685131	0.83	cps
Terbium	159-2	5259455	5407232	5371063	5345917	1.44	cps
Thallium	203-1	275	250	350	292	17.84	cps
Thallium	205-1	642	567	683	631	9.38	cps
Tin	118-1	1233	1183	1025	1147	9.48	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-11 16:35:29	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2667	2800	3861	3110	21.04	cps
Uranium	238-1	742	692	608	681	9.90	cps
Vanadium	51-2	880	873	747	833	9.02	cps
Ytterbium	172-1	83	50	42	58	37.80	cps
Ytterbium	172-2	56	33	39	43	27.16	cps
Ytterbium	176-1	1292	1075	1308	1225	10.63	cps
Ytterbium	176-2	2367	2650	2845	2621	9.17	cps
Yttrium	89-1	21563913	21486003	21967951	21672622	1.19	cps
Yttrium	89-2	2613979	2739126	2740707	2697937	2.70	cps
Zinc	66-2	2770	2944	2760	2825	3.65	cps
Zirconium	90-1	1225	1208	1250	1228	1.71	cps
Zirconium	91-1	175	325	300	267	30.14	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384926	3413223	3455304	3417818	1.04	cps
Antimony	121-1	3986439	3860466	3861149	3902684	1.86	cps
Arsenic	75-2	137056	137170	136882	137036	0.11	cps
Barium	135-1	5034099	4997094	4951755	4994316	0.83	cps
Barium	137-1	8622352	8597056	8442798	8554069	1.14	cps
Beryllium	9-1	816106	834931	830859	827299	1.20	cps
Bismuth	209-1	5149927	5128701	5180768	5153132	0.51	cps
Bismuth	209-2	3545507	3512175	3524416	3527366	0.48	cps
Boron	10-1	84684	87640	90385	87570	3.26	cps
Boron	11-1	399651	418039	426189	414627	3.28	cps
Bromine	81-1	21539	22632	20486	21552	4.98	cps
Cadmium	111-1	1020203	1045347	1044675	1036742	1.38	cps
Cadmium	106-1	114062	116304	115734	115367	1.01	cps
Cadmium	108-1	75003	73679	76578	75087	1.93	cps
Calcium	43-1	7420509	7563750	7688542	7557600	1.77	cps
Calcium	44-1	122231886	124313671	125672009	124072522	1.40	cps
Carbon	12-1	5329539	5277178	5369527	5325415	0.87	cps
Carbon	12-2	69531	70369	69515	69805	0.70	cps
Chlorine	35-1	1732116	1707295	1699381	1712931	1.00	cps
Chlorine	35-2	12539	11863	11672	12025	3.79	cps
Chromium	52-2	1510170	1511976	1479327	1500491	1.22	cps
Cobalt	59-2	2619532	2591963	2578417	2596637	0.81	cps
Copper	63-2	19771037	19704124	19700614	19725259	0.20	cps
Dysprosium	156-1	700	633	683	672	5.16	cps
Dysprosium	156-2	443	387	357	396	11.13	cps
Erbium	164-1	217	192	142	183	20.83	cps
Erbium	164-2	90	103	77	90	14.81	cps
Gadolinium	160-1	675	750	650	692	7.52	cps
Gadolinium	160-2	507	540	483	510	5.58	cps
Holmium	165-1	9319238	9358146	9478484	9385289	0.88	cps
Holmium	165-2	5471605	5376088	5421380	5423024	0.88	cps
Indium	115-1	8364273	8411232	8611105	8462203	1.55	cps
Indium	115-2	1533210	1500619	1544079	1525969	1.48	cps
Iron	54-2	15486634	15680918	15385978	15517843	0.97	cps
Iron	56-2	279006801	279834478	279452745	279431341	0.15	cps
Iron	57-2	7115791	7118490	6999812	7078031	0.96	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	830	923	947	900	6.86	cps
Lead	206-1	12986976	12966309	12856122	12936469	0.54	cps
Lead	207-1	11088679	11100763	11168117	11119186	0.38	cps
Lead	208-1	51683886	51729975	51506612	51640157	0.23	cps
Lithium	6-1	2138107	2068338	2147643	2118030	2.04	cps
Magnesium	24-2	50362491	50823102	50420831	50535475	0.50	cps
Manganese	55-2	7360737	7426017	7279610	7355455	1.00	cps
Molybdenum	94-1	9501255	9437422	9567398	9502025	0.68	cps
Molybdenum	95-1	11528088	11599877	11618259	11582075	0.41	cps
Molybdenum	96-1	12840690	12931557	13009545	12927264	0.65	cps
Molybdenum	97-1	6982394	7172911	7079982	7078429	1.35	cps
Molybdenum	98-1	18284570	18433610	18093345	18270508	0.93	cps
Neodymium	150-1	233	233	193	220	10.50	cps
Neodymium	150-2	30	20	40	30	33.33	cps
Nickel	60-2	675957	684430	678737	679708	0.64	cps
Phosphorus	31-2	37316	38301	38293	37970	1.49	cps
Potassium	39-2	20190167	19950361	20179737	20106755	0.67	cps
Rhodium	103-1	8003713	8027401	8052647	8027921	0.30	cps
Rhodium	103-2	4361962	4274098	4373286	4336448	1.25	cps
Scandium	45-1	6652186	6712648	6739216	6701350	0.67	cps
Scandium	45-2	231739	226240	227158	228379	1.29	cps
Selenium	82-1	77263	78085	79021	78123	1.13	cps
Selenium	77-2	2614	2734	2694	2680	2.28	cps
Selenium	78-2	9379	9092	9288	9253	1.59	cps
Silicon	28-1	3507745	3503191	3661399	3557445	2.53	cps
Silver	107-1	5247370	5367005	5493462	5369279	2.29	cps
Silver	109-1	5177090	5051416	5043202	5090569	1.47	cps
Sodium	23-2	97875621	97396244	98136183	97802683	0.38	cps
Strontium	86-1	15144353	15065877	14886255	15032161	0.88	cps
Strontium	88-1	128544386	127896074	132024603	129488354	1.71	cps
Sulfur	34-1	883111	893548	886410	887690	0.60	cps
Terbium	159-1	9917426	9782194	9719492	9806370	1.03	cps
Terbium	159-2	5437835	5303014	5440918	5393922	1.46	cps
Thallium	203-1	3256505	3162296	3156175	3191658	1.76	cps
Thallium	205-1	7523406	7493805	7276061	7431091	1.82	cps
Tin	118-1	3385637	3330301	3427952	3381297	1.45	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:39:50	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3673644	3720333	3656980	3683652	0.89	cps
Uranium	238-1	9500261	9778566	9564950	9614592	1.51	cps
Vanadium	51-2	1152217	1157452	1156591	1155420	0.24	cps
Ytterbium	172-1	108	33	117	86	53.30	cps
Ytterbium	172-2	56	44	28	43	32.83	cps
Ytterbium	176-1	14867	14308	14692	14622	1.95	cps
Ytterbium	176-2	10849	10888	11361	11033	2.58	cps
Yttrium	89-1	21784911	21847147	21720587	21784215	0.29	cps
Yttrium	89-2	2777895	2662020	2699175	2713030	2.18	cps
Zinc	66-2	2143704	2117731	2128775	2130070	0.61	cps
Zirconium	90-1	8002066	8116160	8111630	8076619	0.80	cps
Zirconium	91-1	1846655	1842302	1858587	1849181	0.46	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:45:47	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	174	185	176	4.43	cps
Antimony	121-1	508	467	733	569	25.19	cps
Arsenic	75-2	6	12	5	8	49.38	cps
Barium	135-1	108	75	92	92	18.18	cps
Barium	137-1	192	158	150	167	13.23	cps
Beryllium	9-1	52	78	42	57	32.42	cps
Bismuth	209-1	5436666	5342089	5469051	5415935	1.22	cps
Bismuth	209-2	3924715	3772287	3806348	3834450	2.09	cps
Boron	10-1	4502	4292	3996	4263	5.96	cps
Boron	11-1	21425	20853	19924	20734	3.66	cps
Bromine	81-1	21418	20166	19564	20383	4.64	cps
Cadmium	111-1	3567	3787	3592	3649	3.31	cps
Cadmium	106-1	5009	5318	5001	5109	3.53	cps
Cadmium	108-1	63	21	25	36	63.55	cps
Calcium	43-1	610	599	559	589	4.57	cps
Calcium	44-1	55330	54938	55106	55125	0.36	cps
Carbon	12-1	4332699	4306035	4411439	4350058	1.26	cps
Carbon	12-2	51090	51717	52754	51854	1.62	cps
Chlorine	35-1	1357710	1354320	1342948	1351660	0.57	cps
Chlorine	35-2	9695	9036	8878	9203	4.71	cps
Chromium	52-2	1153	1237	1090	1160	6.34	cps
Cobalt	59-2	103	137	57	99	40.64	cps
Copper	63-2	1117	1113	950	1060	8.99	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	27	47	53	42	32.86	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	63	50	53	56	12.49	cps
Holmium	165-1	9269334	9623982	8972857	9288724	3.51	cps
Holmium	165-2	5459173	5248782	5519206	5409053	2.63	cps
Indium	115-1	8456569	8813676	8652671	8640972	2.07	cps
Indium	115-2	1661486	1599029	1639025	1633180	1.94	cps
Iron	54-2	861	861	867	863	0.37	cps
Iron	56-2	8403	8253	8075	8243	1.99	cps
Iron	57-2	222	178	294	231	25.44	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P8
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 16:45:47 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	837	957	863	886	7.12	cps
Lead	206-1	1678	1483	1706	1622	7.46	cps
Lead	207-1	1445	1333	1372	1383	4.08	cps
Lead	208-1	6656	6140	6512	6436	4.14	cps
Lithium	6-1	2202419	2173184	2133965	2169856	1.58	cps
Magnesium	24-2	825	725	717	756	7.98	cps
Manganese	55-2	267	203	220	230	14.27	cps
Molybdenum	94-1	533	575	408	506	17.16	cps
Molybdenum	95-1	400	408	292	367	17.75	cps
Molybdenum	96-1	625	550	383	519	23.81	cps
Molybdenum	97-1	283	200	242	242	17.24	cps
Molybdenum	98-1	633	483	592	569	13.60	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	157	123	123	134	14.31	cps
Phosphorus	31-2	83	167	108	119	35.80	cps
Potassium	39-2	20273	20156	20407	20279	0.62	cps
Rhodium	103-1	8607711	8641086	8327201	8525333	2.02	cps
Rhodium	103-2	4723517	4645962	4701901	4690460	0.85	cps
Scandium	45-1	6856097	6723806	6532218	6704040	2.43	cps
Scandium	45-2	230932	227668	229867	229489	0.73	cps
Selenium	82-1	16	-75	11	-16	-315.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	71	88	74	78	11.68	cps
Silicon	28-1	464332	470617	462765	465905	0.89	cps
Silver	107-1	550	342	458	450	23.20	cps
Silver	109-1	458	408	425	431	5.91	cps
Sodium	23-2	28019	27117	26391	27176	3.00	cps
Strontium	86-1	1600	1658	1625	1628	1.80	cps
Strontium	88-1	1942	1992	1700	1878	8.31	cps
Sulfur	34-1	377898	376151	379538	377862	0.45	cps
Terbium	159-1	9678784	9652728	9711930	9681148	0.31	cps
Terbium	159-2	5399932	5355680	5256024	5337212	1.38	cps
Thallium	203-1	675	542	467	561	18.81	cps
Thallium	205-1	1550	1358	1200	1370	12.80	cps
Tin	118-1	1233	1325	1025	1195	12.87	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:45:47	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	408	358	369	9.39	cps
Uranium	238-1	100	108	92	100	8.33	cps
Vanadium	51-2	33	17	30	27	33.06	cps
Ytterbium	172-1	33	50	25	36	35.25	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	1067	1150	967	1061	8.65	cps
Ytterbium	176-2	2267	2639	2539	2482	7.76	cps
Yttrium	89-1	21527828	21947457	21465215	21646833	1.21	cps
Yttrium	89-2	2762031	2703636	2733216	2732961	1.07	cps
Zinc	66-2	767	800	890	819	7.79	cps
Zirconium	90-1	1050	992	900	981	7.71	cps
Zirconium	91-1	192	175	183	183	4.54	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697237	695525	695205	695989	0.16	cps
Antimony	121-1	3911797	3898408	3865559	3891921	0.61	cps
Arsenic	75-2	141694	142098	142750	142180	0.37	cps
Barium	135-1	5027037	5085688	4975854	5029526	1.09	cps
Barium	137-1	8623139	8810722	8756772	8730211	1.11	cps
Beryllium	9-1	795828	809360	806057	803748	0.88	cps
Bismuth	209-1	4969139	5151236	5274484	5131620	2.99	cps
Bismuth	209-2	3747056	3638170	3728744	3704657	1.57	cps
Boron	10-1	94389	98583	102813	98595	4.27	cps
Boron	11-1	450368	474400	504401	476389	5.68	cps
Bromine	81-1	53486	59839	62080	58468	7.62	cps
Cadmium	111-1	1019396	1017021	1050163	1028860	1.80	cps
Cadmium	106-1	112038	114264	116483	114262	1.95	cps
Cadmium	108-1	74831	74417	74722	74657	0.29	cps
Calcium	43-1	1219862	1245639	1202436	1222646	1.78	cps
Calcium	44-1	19784050	20490195	19823171	20032472	1.98	cps
Carbon	12-1	8302878	8967961	9205563	8825467	5.30	cps
Carbon	12-2	124955	128661	132144	128586	2.80	cps
Chlorine	35-1	2277608	2460957	2551220	2429929	5.74	cps
Chlorine	35-2	21099	21967	23027	22031	4.38	cps
Chromium	52-2	1492873	1561929	1522732	1525844	2.27	cps
Cobalt	59-2	2840399	2775762	2793090	2803084	1.19	cps
Copper	63-2	25081585	25179549	24823680	25028271	0.73	cps
Dysprosium	156-1	442	425	383	417	7.21	cps
Dysprosium	156-2	243	250	237	243	2.74	cps
Erbium	164-1	367	375	342	361	4.80	cps
Erbium	164-2	233	317	230	260	18.89	cps
Gadolinium	160-1	500	400	550	483	15.80	cps
Gadolinium	160-2	287	283	250	273	7.42	cps
Holmium	165-1	8501344	9193799	9191702	8962282	4.45	cps
Holmium	165-2	5416651	5429859	5533004	5459838	1.17	cps
Indium	115-1	8113141	8344093	8593311	8350182	2.88	cps
Indium	115-2	1578352	1575757	1590680	1581596	0.50	cps
Iron	54-2	3381129	3370468	3331698	3361098	0.77	cps
Iron	56-2	60697607	58658458	59394078	59583381	1.73	cps
Iron	57-2	1553287	1524733	1544399	1540806	0.95	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	847	893	886	4.03	cps
Lead	206-1	13578708	13510191	13348735	13479211	0.88	cps
Lead	207-1	11843580	11909696	11614424	11789234	1.31	cps
Lead	208-1	54716335	53982508	53598393	54099079	1.05	cps
Lithium	6-1	1913944	2042672	2108007	2021541	4.88	cps
Magnesium	24-2	2246236	2252022	2214795	2237684	0.90	cps
Manganese	55-2	8613167	8504962	8674087	8597405	1.00	cps
Molybdenum	94-1	9176261	9558907	9329558	9354908	2.06	cps
Molybdenum	95-1	11414975	11207342	11470396	11364238	1.22	cps
Molybdenum	96-1	12616980	12391263	12943950	12650731	2.20	cps
Molybdenum	97-1	6940428	6782659	7103878	6942322	2.31	cps
Molybdenum	98-1	17675936	17543791	18129748	17783158	1.73	cps
Neodymium	150-1	560	740	513	604	19.80	cps
Neodymium	150-2	187	170	183	180	4.90	cps
Nickel	60-2	727599	724585	734262	728815	0.68	cps
Phosphorus	31-2	808	742	933	828	11.76	cps
Potassium	39-2	4505853	4513473	4518497	4512608	0.14	cps
Rhodium	103-1	7616795	8224780	8288399	8043325	4.61	cps
Rhodium	103-2	4521062	4476570	4591248	4529627	1.28	cps
Scandium	45-1	6199328	6686263	6624538	6503376	4.08	cps
Scandium	45-2	229632	227678	235007	230772	1.64	cps
Selenium	82-1	75740	76231	76614	76195	0.58	cps
Selenium	77-2	2970	2617	2714	2767	6.60	cps
Selenium	78-2	9195	9224	9267	9229	0.39	cps
Silicon	28-1	31760964	30869054	29815819	30815279	3.16	cps
Silver	107-1	3209982	4323414	5020935	4184777	21.83	cps
Silver	109-1	3369625	3974666	3501217	3615169	8.80	cps
Sodium	23-2	22795628	23002206	23049471	22949102	0.59	cps
Strontium	86-1	2087019	2086528	2082456	2085334	0.12	cps
Strontium	88-1	17871935	17690660	17620549	17727715	0.73	cps
Sulfur	34-1	1003180	1005676	975626	994827	1.68	cps
Terbium	159-1	9055408	9708540	9605294	9456414	3.71	cps
Terbium	159-2	5401520	5278908	5320661	5333696	1.17	cps
Thallium	203-1	3256581	3220296	3297025	3257968	1.18	cps
Thallium	205-1	7626194	7562797	7587972	7592321	0.42	cps
Tin	118-1	3392908	3380883	3360468	3378086	0.49	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 16:58:57	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3637100	3539335	3656829	3611088	1.74	cps
Uranium	238-1	9966236	9501533	9736700	9734823	2.39	cps
Vanadium	51-2	1193228	1184892	1192013	1190044	0.38	cps
Ytterbium	172-1	258	200	175	211	20.25	cps
Ytterbium	172-2	156	117	106	126	20.85	cps
Ytterbium	176-1	1142	1192	1350	1228	8.86	cps
Ytterbium	176-2	2534	2950	3100	2861	10.26	cps
Yttrium	89-1	20159502	20992626	21209167	20787098	2.67	cps
Yttrium	89-2	2663268	2688255	2713674	2688399	0.94	cps
Zinc	66-2	2716178	2668796	2714384	2699786	0.99	cps
Zirconium	90-1	7918777	7788260	8093005	7933347	1.93	cps
Zirconium	91-1	1836996	1782339	1812290	1810542	1.51	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689144	692631	678613	686796	1.06	cps
Antimony	121-1	3884058	3882360	3903116	3889845	0.30	cps
Arsenic	75-2	140386	141064	139381	140277	0.60	cps
Barium	135-1	5032669	5029244	5017415	5026443	0.16	cps
Barium	137-1	8692448	8693970	8666401	8684273	0.18	cps
Beryllium	9-1	790514	810861	796551	799309	1.31	cps
Bismuth	209-1	5070751	4989974	5281931	5114219	2.95	cps
Bismuth	209-2	3594963	3695235	3603182	3631127	1.53	cps
Boron	10-1	95191	100191	102490	99291	3.76	cps
Boron	11-1	457234	494181	502661	484692	4.98	cps
Bromine	81-1	49699	57004	62181	56295	11.14	cps
Cadmium	111-1	1010238	1001177	1015289	1008901	0.71	cps
Cadmium	106-1	109812	110704	112987	111168	1.47	cps
Cadmium	108-1	72628	76083	74295	74335	2.32	cps
Calcium	43-1	1170695	1141297	1147618	1153203	1.34	cps
Calcium	44-1	19346781	19347006	19078259	19257349	0.81	cps
Carbon	12-1	8078388	9107683	9581725	8922599	8.61	cps
Carbon	12-2	125685	131881	131586	129718	2.69	cps
Chlorine	35-1	2544448	2712520	2809889	2688952	4.99	cps
Chlorine	35-2	22877	24814	24680	24123	4.48	cps
Chromium	52-2	1500101	1488742	1507225	1498690	0.62	cps
Cobalt	59-2	2728569	2701661	2697465	2709232	0.62	cps
Copper	63-2	24615486	24700627	25209260	24841791	1.29	cps
Dysprosium	156-1	467	500	442	469	6.23	cps
Dysprosium	156-2	307	287	253	282	9.55	cps
Erbium	164-1	467	417	433	439	5.80	cps
Erbium	164-2	207	243	253	234	10.48	cps
Gadolinium	160-1	425	475	433	444	6.03	cps
Gadolinium	160-2	327	310	333	323	3.72	cps
Holmium	165-1	8743865	9046058	9155671	8981865	2.37	cps
Holmium	165-2	5347457	5403518	5388298	5379758	0.54	cps
Indium	115-1	8117608	8425266	8417478	8320117	2.11	cps
Indium	115-2	1566626	1546777	1570414	1561272	0.81	cps
Iron	54-2	3348425	3354748	3363617	3355597	0.23	cps
Iron	56-2	59161787	58626739	58209683	58666070	0.81	cps
Iron	57-2	1518842	1473985	1515154	1502660	1.66	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	933	1063	923	15.73	cps
Lead	206-1	13240158	13125956	13309509	13225208	0.70	cps
Lead	207-1	11386859	11230244	11827115	11481406	2.70	cps
Lead	208-1	52503122	51480503	53898507	52627377	2.31	cps
Lithium	6-1	2116280	2070613	2094234	2093709	1.09	cps
Magnesium	24-2	2203097	2215824	2127375	2182099	2.19	cps
Manganese	55-2	8511550	8404513	8459288	8458450	0.63	cps
Molybdenum	94-1	9054042	9319426	9207229	9193566	1.45	cps
Molybdenum	95-1	11194034	11314429	11225611	11244691	0.56	cps
Molybdenum	96-1	12252459	12438227	12297236	12329307	0.79	cps
Molybdenum	97-1	6791238	6871091	6682639	6781656	1.39	cps
Molybdenum	98-1	18099371	17478196	17447382	17674983	2.08	cps
Neodymium	150-1	727	680	667	691	4.56	cps
Neodymium	150-2	180	227	180	196	13.78	cps
Nickel	60-2	724919	719578	714747	719748	0.71	cps
Phosphorus	31-2	917	925	800	881	7.94	cps
Potassium	39-2	4435567	4408052	4378777	4407465	0.64	cps
Rhodium	103-1	8061684	8144901	8123095	8109894	0.53	cps
Rhodium	103-2	4410794	4575408	4485549	4490584	1.84	cps
Scandium	45-1	6573157	6509327	6482366	6521617	0.71	cps
Scandium	45-2	232032	229650	231605	231096	0.55	cps
Selenium	82-1	74673	75846	74584	75034	0.94	cps
Selenium	77-2	2637	2810	2704	2717	3.22	cps
Selenium	78-2	8868	9068	9021	8985	1.16	cps
Silicon	28-1	31819592	30224178	30261195	30768322	2.96	cps
Silver	107-1	3572051	3292531	3813823	3559468	7.33	cps
Silver	109-1	3278633	3587762	4365300	3743898	14.96	cps
Sodium	23-2	22438590	22750931	21948948	22379490	1.81	cps
Strontium	86-1	2020777	2060522	2076074	2052458	1.39	cps
Strontium	88-1	17452322	17663608	17619744	17578558	0.63	cps
Sulfur	34-1	959915	972232	946216	959455	1.36	cps
Terbium	159-1	9361793	9444422	9412382	9406199	0.44	cps
Terbium	159-2	5259254	5536103	5281700	5359019	2.87	cps
Thallium	203-1	3221932	3252751	3270846	3248510	0.76	cps
Thallium	205-1	7508347	7509937	7465603	7494629	0.34	cps
Tin	118-1	3284858	3412466	3372336	3356553	1.94	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:04:59	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3612298	3505514	3563931	3560581	1.50	cps
Uranium	238-1	9395015	9140393	9429960	9321789	1.70	cps
Vanadium	51-2	1172746	1184225	1154631	1170534	1.27	cps
Ytterbium	172-1	208	217	283	236	17.41	cps
Ytterbium	172-2	117	161	156	144	16.77	cps
Ytterbium	176-1	1067	1567	1350	1328	18.88	cps
Ytterbium	176-2	2700	2823	2978	2834	4.91	cps
Yttrium	89-1	20754523	21299527	21178329	21077460	1.36	cps
Yttrium	89-2	2697377	2716420	2676186	2696661	0.75	cps
Zinc	66-2	2661551	2663293	2649184	2658009	0.29	cps
Zirconium	90-1	7557904	7918587	7895987	7790826	2.59	cps
Zirconium	91-1	1763737	1797991	1788492	1783407	0.99	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696055	690359	695905	694106	0.47	cps
Antimony	121-1	3954744	3882167	4052768	3963226	2.16	cps
Arsenic	75-2	141958	140897	142752	141869	0.66	cps
Barium	135-1	5079191	5012648	5229878	5107239	2.18	cps
Barium	137-1	8734748	8838869	8779077	8784231	0.59	cps
Beryllium	9-1	792142	806005	811810	803319	1.26	cps
Bismuth	209-1	5296589	5268992	5216867	5260816	0.77	cps
Bismuth	209-2	3705800	3705031	3810980	3740604	1.63	cps
Boron	10-1	103457	106450	110483	106797	3.30	cps
Boron	11-1	477305	521787	534247	511113	5.86	cps
Bromine	81-1	58351	63779	66022	62717	6.29	cps
Cadmium	111-1	1009251	1035354	1026907	1023838	1.30	cps
Cadmium	106-1	111057	111305	110997	111120	0.15	cps
Cadmium	108-1	73872	75041	74924	74613	0.86	cps
Calcium	43-1	1159788	1204050	1180463	1181434	1.87	cps
Calcium	44-1	19267992	19461574	19690906	19473490	1.09	cps
Carbon	12-1	8633528	9411035	10160324	9401629	8.12	cps
Carbon	12-2	128367	131990	131748	130701	1.55	cps
Chlorine	35-1	3273687	3455022	3498967	3409225	3.50	cps
Chlorine	35-2	28754	29648	30458	29620	2.88	cps
Chromium	52-2	1517134	1544502	1509372	1523670	1.21	cps
Cobalt	59-2	2771682	2716263	2733806	2740584	1.03	cps
Copper	63-2	25190860	24984230	25204483	25126524	0.49	cps
Dysprosium	156-1	433	425	458	439	3.95	cps
Dysprosium	156-2	230	257	267	251	7.55	cps
Erbium	164-1	408	442	450	433	5.09	cps
Erbium	164-2	203	257	260	240	13.25	cps
Gadolinium	160-1	408	508	442	453	11.25	cps
Gadolinium	160-2	263	307	330	300	11.28	cps
Holmium	165-1	9349825	8973743	9007188	9110252	2.28	cps
Holmium	165-2	5406714	5534556	5541945	5494405	1.38	cps
Indium	115-1	8553608	8719140	8362896	8545215	2.09	cps
Indium	115-2	1549017	1590162	1580343	1573174	1.37	cps
Iron	54-2	3384779	3318171	3326751	3343234	1.08	cps
Iron	56-2	60013471	59433732	59567481	59671561	0.51	cps
Iron	57-2	1536962	1526441	1515150	1526184	0.71	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	807	953	908	9.66	cps
Lead	206-1	13198785	13610025	13694916	13501242	1.97	cps
Lead	207-1	11271112	11451679	11824875	11515889	2.45	cps
Lead	208-1	52623183	52982025	54576557	53393922	1.95	cps
Lithium	6-1	2185955	2119170	2118857	2141327	1.80	cps
Magnesium	24-2	2286450	2151574	2176664	2204896	3.25	cps
Manganese	55-2	8644844	8551458	8536654	8577652	0.68	cps
Molybdenum	94-1	9047002	9285973	9427211	9253395	2.08	cps
Molybdenum	95-1	11043400	11380080	11218201	11213893	1.50	cps
Molybdenum	96-1	12256995	12677861	12469898	12468251	1.69	cps
Molybdenum	97-1	6672603	6843801	6858318	6791574	1.52	cps
Molybdenum	98-1	17681167	17407713	17624362	17571081	0.82	cps
Neodymium	150-1	580	600	567	582	2.88	cps
Neodymium	150-2	227	220	684	377	70.59	cps
Nickel	60-2	730532	738802	727153	732162	0.82	cps
Phosphorus	31-2	917	850	1050	939	10.85	cps
Potassium	39-2	4440605	4455959	4501014	4465860	0.70	cps
Rhodium	103-1	8262829	8196779	8152055	8203888	0.68	cps
Rhodium	103-2	4535379	4497416	4585910	4539568	0.98	cps
Scandium	45-1	6617170	6480542	6617885	6571866	1.20	cps
Scandium	45-2	231468	231914	233802	232394	0.53	cps
Selenium	82-1	75346	77005	76616	76322	1.14	cps
Selenium	77-2	2774	2924	2727	2808	3.66	cps
Selenium	78-2	9141	9206	9143	9163	0.40	cps
Silicon	28-1	30857300	31551108	31791682	31400030	1.55	cps
Silver	107-1	4668997	4830934	4881265	4793732	2.31	cps
Silver	109-1	4885612	5614332	4411782	4970575	12.19	cps
Sodium	23-2	22819129	22739935	22457657	22672240	0.84	cps
Strontium	86-1	2071415	2081201	2099857	2084158	0.69	cps
Strontium	88-1	17312610	17955654	18119855	17796040	2.40	cps
Sulfur	34-1	995626	972485	989639	985917	1.22	cps
Terbium	159-1	9642701	9828196	9577841	9682912	1.34	cps
Terbium	159-2	5483511	5431046	5343581	5419379	1.30	cps
Thallium	203-1	3248824	3338874	3345862	3311187	1.63	cps
Thallium	205-1	7461273	7601211	7775137	7612540	2.07	cps
Tin	118-1	3397382	3373175	3482291	3417616	1.68	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	M4154-01A	Instrumnet Name :	P8
Client Sample ID :	SW-CB-31A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:07:53	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3487118	3575411	3639052	3567194	2.14	cps
Uranium	238-1	9361118	9797011	9694478	9617536	2.37	cps
Vanadium	51-2	1194460	1180482	1192226	1189056	0.63	cps
Ytterbium	172-1	217	292	225	244	16.82	cps
Ytterbium	172-2	161	189	133	161	17.24	cps
Ytterbium	176-1	1175	1250	1167	1197	3.83	cps
Ytterbium	176-2	2673	2778	2939	2797	4.80	cps
Yttrium	89-1	21378358	21944036	21727018	21683137	1.32	cps
Yttrium	89-2	2757803	2676785	2705084	2713224	1.52	cps
Zinc	66-2	2674367	2666640	2662983	2667996	0.22	cps
Zirconium	90-1	7800471	7966020	7927868	7898120	1.10	cps
Zirconium	91-1	1757999	1801943	1793315	1784419	1.30	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3620188	3616785	3603551	3613508	0.24	cps
Antimony	121-1	4016890	3973383	3863389	3951221	2.00	cps
Arsenic	75-2	144422	144174	144671	144422	0.17	cps
Barium	135-1	5250217	5089519	5089095	5142944	1.81	cps
Barium	137-1	8898890	8604543	8627827	8710420	1.88	cps
Beryllium	9-1	817642	832001	818194	822612	0.99	cps
Bismuth	209-1	5090472	5020717	5038073	5049754	0.72	cps
Bismuth	209-2	3663026	3627033	3639333	3643131	0.50	cps
Boron	10-1	89974	93248	97744	93656	4.17	cps
Boron	11-1	440452	450082	463888	451474	2.61	cps
Bromine	81-1	19955	19484	20105	19848	1.63	cps
Cadmium	111-1	1076239	1059066	1068415	1067907	0.81	cps
Cadmium	106-1	117878	116421	117467	117255	0.64	cps
Cadmium	108-1	77370	77852	79357	78193	1.33	cps
Calcium	43-1	7817621	7752160	7809730	7793170	0.46	cps
Calcium	44-1	127860710	129060023	127527439	128149391	0.63	cps
Carbon	12-1	4734305	5055470	4970768	4920181	3.38	cps
Carbon	12-2	64400	66359	63698	64819	2.13	cps
Chlorine	35-1	1159571	1109096	1126698	1131789	2.26	cps
Chlorine	35-2	7944	8361	8211	8172	2.58	cps
Chromium	52-2	1590974	1529381	1575819	1565392	2.05	cps
Cobalt	59-2	2729230	2753562	2687009	2723267	1.24	cps
Copper	63-2	21357323	21149771	21284711	21263935	0.50	cps
Dysprosium	156-1	608	683	692	661	6.94	cps
Dysprosium	156-2	403	447	447	432	5.79	cps
Erbium	164-1	200	200	117	172	27.94	cps
Erbium	164-2	93	90	70	84	14.94	cps
Gadolinium	160-1	742	683	708	711	4.12	cps
Gadolinium	160-2	373	490	450	438	13.54	cps
Holmium	165-1	9511874	9503770	9446468	9487371	0.38	cps
Holmium	165-2	5770678	5687870	5696108	5718219	0.80	cps
Indium	115-1	8427644	8781347	8659798	8622930	2.08	cps
Indium	115-2	1629778	1615417	1632568	1625921	0.57	cps
Iron	54-2	16116565	16052039	16088408	16085671	0.20	cps
Iron	56-2	297533073	295292395	294529751	295785073	0.53	cps
Iron	57-2	7408496	7452466	7443770	7434911	0.31	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	930	907	959	7.43	cps
Lead	206-1	12799667	13206774	12902502	12969648	1.63	cps
Lead	207-1	11156976	11433602	11161358	11250645	1.41	cps
Lead	208-1	51475847	52061345	51258259	51598484	0.80	cps
Lithium	6-1	2168301	2211642	2127194	2169046	1.95	cps
Magnesium	24-2	53256517	53815589	53353291	53475132	0.56	cps
Manganese	55-2	7731739	7638242	7774222	7714734	0.90	cps
Molybdenum	94-1	9624476	9789849	9698839	9704388	0.85	cps
Molybdenum	95-1	11680591	11846224	11826843	11784553	0.77	cps
Molybdenum	96-1	13105143	13260406	13049122	13138223	0.83	cps
Molybdenum	97-1	7192294	7326998	7121644	7213646	1.45	cps
Molybdenum	98-1	18210010	18487492	18489944	18395815	0.87	cps
Neodymium	150-1	253	227	180	220	16.87	cps
Neodymium	150-2	27	33	20	27	24.99	cps
Nickel	60-2	726293	732318	728806	729139	0.41	cps
Phosphorus	31-2	39939	40131	40265	40112	0.41	cps
Potassium	39-2	21052285	20851872	21339204	21081120	1.16	cps
Rhodium	103-1	8137319	8069541	8209239	8138699	0.86	cps
Rhodium	103-2	4636458	4542608	4563419	4580828	1.08	cps
Scandium	45-1	6893752	6946255	7045284	6961764	1.11	cps
Scandium	45-2	245742	246613	245069	245808	0.31	cps
Selenium	82-1	78942	79836	78786	79188	0.72	cps
Selenium	77-2	2654	2947	2844	2815	5.29	cps
Selenium	78-2	9562	9615	9871	9683	1.71	cps
Silicon	28-1	3526199	3690159	3825469	3680609	4.07	cps
Silver	107-1	5559796	5587013	5583665	5576825	0.27	cps
Silver	109-1	5213620	5223752	5270915	5236096	0.58	cps
Sodium	23-2	102487763	103747546	101985356	102740222	0.88	cps
Strontium	86-1	15383103	15293521	14920258	15198961	1.62	cps
Strontium	88-1	133222649	129834924	132162345	131739972	1.32	cps
Sulfur	34-1	870940	870446	876133	872506	0.36	cps
Terbium	159-1	9677533	9911932	10043682	9877716	1.88	cps
Terbium	159-2	5602856	5686562	5662547	5650655	0.76	cps
Thallium	203-1	3240181	3269460	3266110	3258584	0.49	cps
Thallium	205-1	7536779	7706931	7452957	7565556	1.71	cps
Tin	118-1	3446374	3475615	3427620	3449870	0.70	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:25:58	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3825330	3889673	3765071	3826691	1.63	cps
Uranium	238-1	9571198	9468833	9507557	9515863	0.54	cps
Vanadium	51-2	1214897	1221469	1223482	1219949	0.37	cps
Ytterbium	172-1	50	42	100	64	49.38	cps
Ytterbium	172-2	33	22	56	37	45.84	cps
Ytterbium	176-1	14934	14642	14909	14828	1.09	cps
Ytterbium	176-2	11116	11316	11616	11349	2.22	cps
Yttrium	89-1	22781486	22485884	22267319	22511563	1.15	cps
Yttrium	89-2	2896284	2850257	2898332	2881624	0.94	cps
Zinc	66-2	2307108	2324409	2322288	2317935	0.41	cps
Zirconium	90-1	8383655	8546749	8341353	8423919	1.29	cps
Zirconium	91-1	1925626	1909546	1869863	1901678	1.51	cps

LB Number : LB116785 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-11 17:41:31 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	599	409	502	503	18.87	cps
Antimony	121-1	800	975	617	797	22.48	cps
Arsenic	75-2	22	23	29	25	15.35	cps
Barium	135-1	975	975	567	839	28.10	cps
Barium	137-1	1583	1675	992	1417	26.18	cps
Beryllium	9-1	196	210	120	175	27.62	cps
Bismuth	209-1	5197752	5229786	5210828	5212789	0.31	cps
Bismuth	209-2	3841572	3817997	3851270	3836946	0.45	cps
Boron	10-1	3332	3196	3216	3248	2.26	cps
Boron	11-1	14817	15403	15779	15333	3.16	cps
Bromine	81-1	19484	18592	17830	18635	4.44	cps
Cadmium	111-1	3980	3733	3720	3811	3.84	cps
Cadmium	106-1	5335	5059	5184	5193	2.65	cps
Cadmium	108-1	42	83	67	64	32.83	cps
Calcium	43-1	1562	1761	1161	1495	20.45	cps
Calcium	44-1	72818	74517	65647	70994	6.63	cps
Carbon	12-1	4387996	4339296	4360152	4362481	0.56	cps
Carbon	12-2	53406	54996	56099	54834	2.47	cps
Chlorine	35-1	1070280	1083594	1072500	1075458	0.66	cps
Chlorine	35-2	7794	8011	8169	7991	2.36	cps
Chromium	52-2	1490	1397	1407	1431	3.58	cps
Cobalt	59-2	420	233	283	312	30.95	cps
Copper	63-2	4104	2510	3367	3327	23.97	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	27	40	30	32	21.53	cps
Gadolinium	160-1	75	67	58	67	12.50	cps
Gadolinium	160-2	73	50	73	66	20.55	cps
Holmium	165-1	9063495	9226412	8975209	9088372	1.40	cps
Holmium	165-2	5591929	5383292	5519538	5498253	1.93	cps
Indium	115-1	8826173	8757816	8715077	8766355	0.64	cps
Indium	115-2	1734517	1686741	1664811	1695356	2.10	cps
Iron	54-2	2600	1706	2161	2156	20.75	cps
Iron	56-2	37952	22457	28457	29622	26.37	cps
Iron	57-2	1189	611	689	830	37.79	cps

LB Number :	LB116785	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2021-10-11 17:41:31	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	890	857	891	3.93	cps
Lead	206-1	3756	3845	3156	3586	10.45	cps
Lead	207-1	3189	3323	2634	3049	11.99	cps
Lead	208-1	15421	15776	12047	14415	14.28	cps
Lithium	6-1	2062298	2041827	2128164	2077430	2.17	cps
Magnesium	24-2	5776	2967	4301	4348	32.32	cps
Manganese	55-2	1227	717	1023	989	25.96	cps
Molybdenum	94-1	1725	2009	1458	1731	15.89	cps
Molybdenum	95-1	2334	2167	1308	1936	28.41	cps
Molybdenum	96-1	2450	2600	1500	2184	27.32	cps
Molybdenum	97-1	1492	1417	825	1245	29.35	cps
Molybdenum	98-1	3701	3926	2200	3276	28.64	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	197	203	217	13.41	cps
Phosphorus	31-2	117	175	50	114	54.92	cps
Potassium	39-2	23962	23511	23077	23517	1.88	cps
Rhodium	103-1	8160631	8352686	8512890	8342069	2.11	cps
Rhodium	103-2	4972004	4928020	4752589	4884204	2.38	cps
Scandium	45-1	6634446	6808757	6861388	6768197	1.76	cps
Scandium	45-2	255198	240368	240434	245333	3.48	cps
Selenium	82-1	-72	40	67	12	627.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	81	85	84	2.76	cps
Silicon	28-1	493289	493566	492001	492952	0.17	cps
Silver	107-1	492	450	517	486	6.93	cps
Silver	109-1	417	483	375	425	12.86	cps
Sodium	23-2	39504	32737	35176	35806	9.57	cps
Strontium	86-1	3417	3376	2534	3109	16.04	cps
Strontium	88-1	16469	17979	11105	15184	23.79	cps
Sulfur	34-1	370197	369495	367487	369059	0.38	cps
Terbium	159-1	9577877	9526907	9728268	9611017	1.09	cps
Terbium	159-2	5579699	5497343	5354074	5477039	2.08	cps
Thallium	203-1	1233	1133	942	1103	13.44	cps
Thallium	205-1	3042	2792	2434	2756	11.10	cps
Tin	118-1	1533	1575	1133	1414	17.25	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	867	1033	592	831	26.86	cps
Uranium	238-1	1467	1658	975	1367	25.79	cps
Vanadium	51-2	190	120	113	141	30.09	cps
Ytterbium	172-1	0	17	58	25	120.18	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	1150	1033	1183	1122	7.02	cps
Ytterbium	176-2	2511	2650	2673	2611	3.34	cps
Yttrium	89-1	21574325	21894416	21440247	21636329	1.08	cps
Yttrium	89-2	3021465	2917042	2762431	2900313	4.49	cps
Zinc	66-2	1060	870	1020	983	10.19	cps
Zirconium	90-1	2159	1984	1483	1875	18.68	cps
Zirconium	91-1	517	450	350	439	19.11	cps