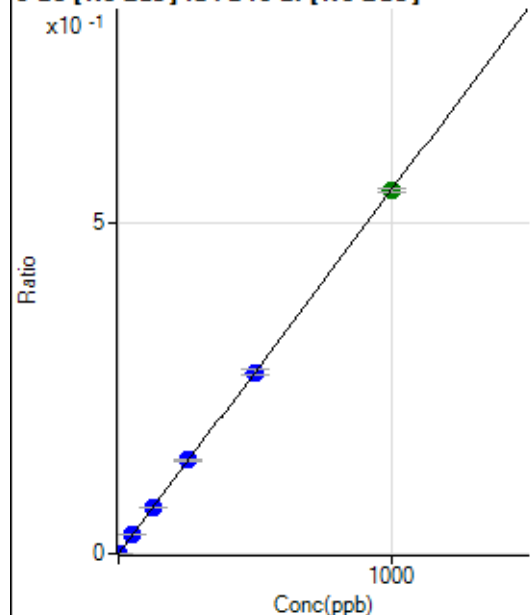


Batch Folder: D:\P8070918 MS .b\
Analysis File: P8070918 MS .batch.bin
DA Date-Time: 2018-07-09 12:19:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-09 11:23:25
2			
3	005CALS.d	S02	2018-07-09 11:31:03
4	006CALS.d	S03	2018-07-09 11:34:45
5	007CALS.d	S04	2018-07-09 11:38:27
6	008CALS.d	S05	2018-07-09 11:42:02
7	009CALS.d	S06	2018-07-09 11:45:32
8	010CALS.d	S07	2018-07-09 11:48:57
9	011CALS.d	S08	2018-07-09 11:52:18

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.74	0.0000	P	25.8
2	☐	0.100					
3	☐	1.000	1.103	1437.15	0.0006	P	7.7
4	☐	50.000	52.406	63305.76	0.0289	P	0.9
5	☐	125.000	129.137	154688.09	0.0711	P	0.5
6	☐	250.000	257.384	304189.36	0.1417	P	1.2
7	☐	500.000	499.535	580893.88	0.2749	P	2.7
8	☐	1000.000	997.749	1103389.72	0.5490	A	1.0
9	☐			407.43	0.0002	P	11.1

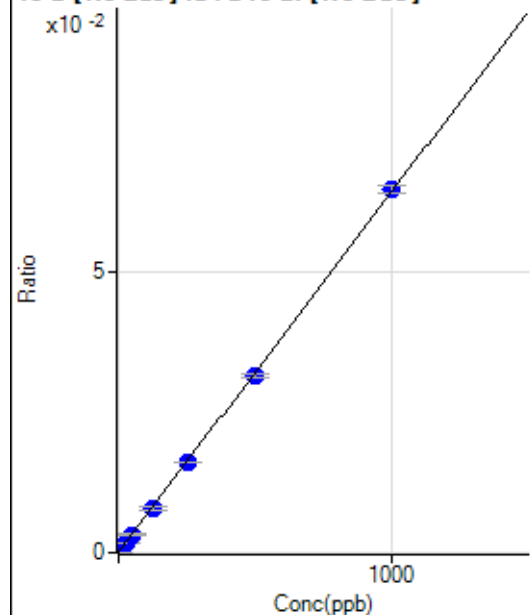
$$y = 5.5021\text{E-}004 * x + 4.2517\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05988$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0001	P	45.7
2	☐	2.500					
3	☐	25.000	24.127	3589.49	0.0016	P	4.2
4	☐	50.000	48.154	6924.18	0.0032	P	6.6
5	☐	125.000	121.759	17116.42	0.0079	P	5.7
6	☐	250.000	250.291	34559.17	0.0161	P	1.1
7	☐	500.000	489.776	66404.25	0.0314	P	2.7
8	☐	1000.000	1005.559	129481.89	0.0644	P	2.0
9	☐			6254.42	0.0030	P	11.0

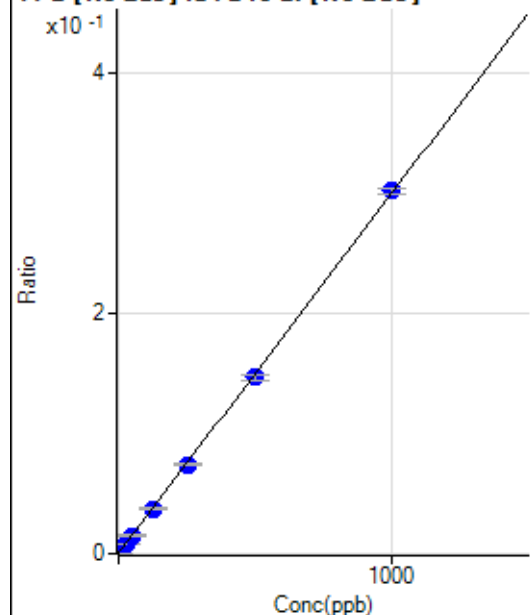
$$y = 6.3987\text{E-}005 * x + 7.7927\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.671$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	650.04	0.0003	P	17.3
2	☐	2.500					
3	☐	25.000	24.455	16905.01	0.0076	P	2.2
4	☐	50.000	49.748	33370.24	0.0152	P	3.6
5	☐	125.000	123.254	81081.92	0.0373	P	2.6
6	☐	250.000	246.075	159139.18	0.0741	P	2.2
7	☐	500.000	488.010	309970.28	0.1467	P	2.4
8	☐	1000.000	1007.221	607749.65	0.3024	P	1.4
9	☐			28047.88	0.0135	P	6.2

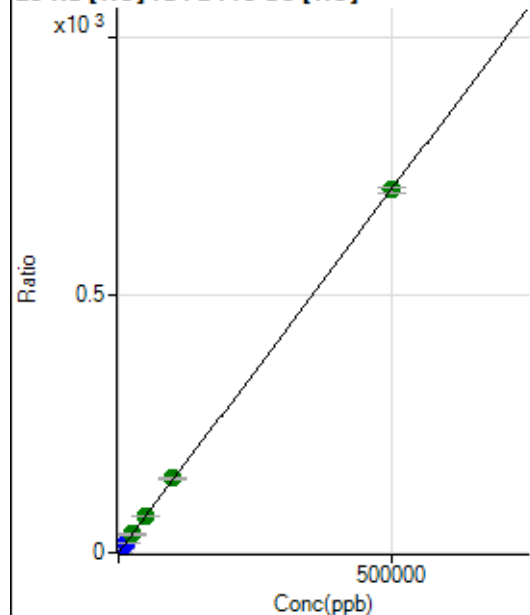
$$y = 2.9992\text{E-}004 * x + 3.0402\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.5248$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4767.66	0.1005	P	8.4
2	☐	50.000					
3	☐	500.000	485.203	40096.21	0.7850	P	0.2
4	☐	5000.000	4992.692	357378.74	7.1440	P	1.7
5	☐	12500.000	12637.309	877240.36	17.9287	P	0.1
6	☐	25000.000	25325.126	1710232.31	35.8282	A	2.0
7	☐	50000.000	50633.671	3219768.82	71.5326	A	0.8
8	☐	100000.00	102271.24	6066861.11	144.3809	A	1.3
9	☐	500000.00	499462.78	35708104.97	704.7239	A	1.3

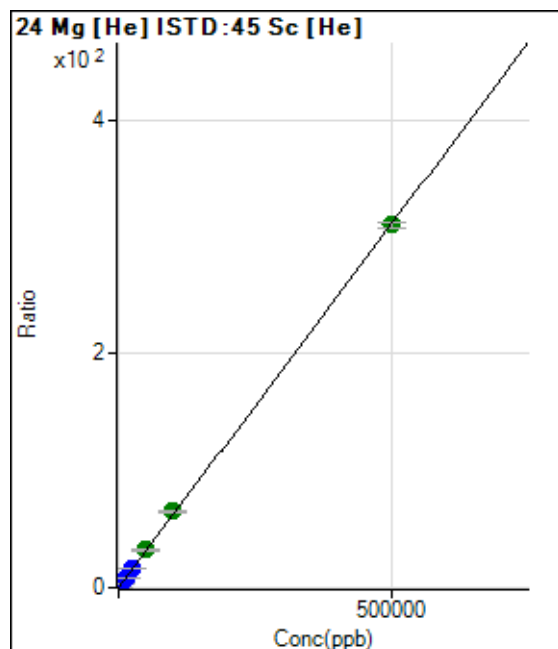
$$y = 0.0014 * x + 0.1005$$

$$R = 1.0000$$

$$DL = 18$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0050	P	10.8
2	☐	50.000					
3	☐	500.000	492.330	15892.80	0.3112	P	2.1
4	☐	5000.000	5069.025	157930.93	3.1572	P	1.8
5	☐	12500.000	12790.761	389416.55	7.9588	P	0.5
6	☐	25000.000	25375.135	753491.16	15.7843	P	1.5
7	☐	50000.000	51791.219	1449972.63	32.2109	A	0.9
8	☐	100000.00	104527.96	2731539.40	65.0047	A	1.5
9	☐	500000.00	498888.57	15719143.41	310.2338	A	1.2

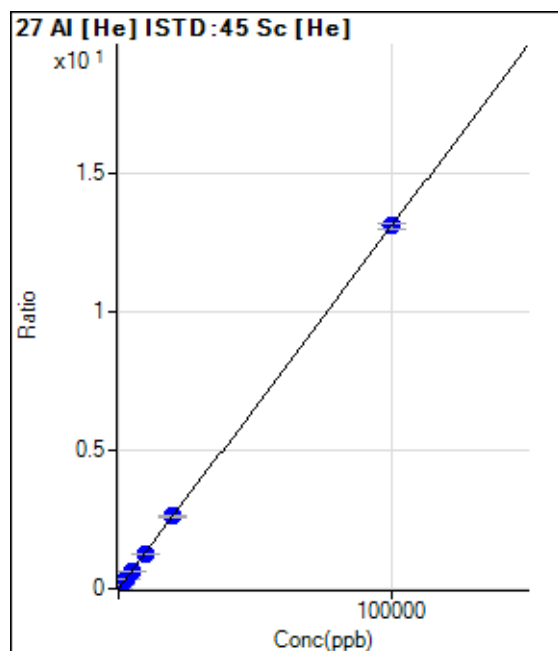
$$y = 6.2184\text{E-}004 * x + 0.0050$$

$$R = 1.0000$$

$$DL = 2.619$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0006	P	55.5
2	☐	2.000					
3	☐	20.000	20.780	172.23	0.0034	P	15.9
4	☐	1000.000	959.256	6323.92	0.1265	P	8.2
5	☐	2500.000	2513.104	16159.82	0.3303	P	2.0
6	☐	5000.000	4877.096	30572.86	0.6404	P	1.3
7	☐	10000.000	9675.612	57154.81	1.2698	P	0.7
8	☐	20000.000	19952.347	109996.75	2.6178	P	2.0
9	☐	100000.00	100048.19	664987.90	13.1239	P	1.4

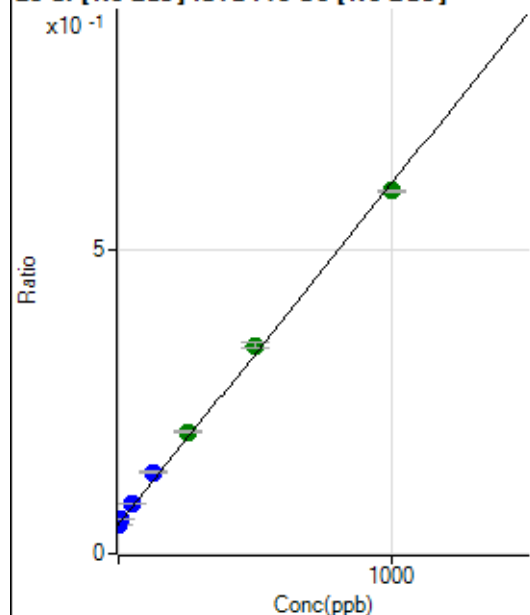
$$y = 1.3117\text{E-}004 * x + 6.4215\text{E-}004$$

$$R = 1.0000$$

$$DL = 8.15$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278227.33	0.0483	P	0.9
2	☐	1.000					
3	☐	10.000	15.378	339197.49	0.0569	P	0.4
4	☐	50.000	59.991	483735.54	0.0820	P	1.4
5	☐	125.000	152.924	788602.95	0.1341	P	0.7
6	☐	250.000	271.399	1169030.01	0.2006	A	1.7
7	☐	500.000	524.582	1981508.35	0.3427	A	3.0
8	☐	1000.000	978.315	3311659.34	0.5973	A	0.9
9	☐			331576.83	0.0580	P	4.2

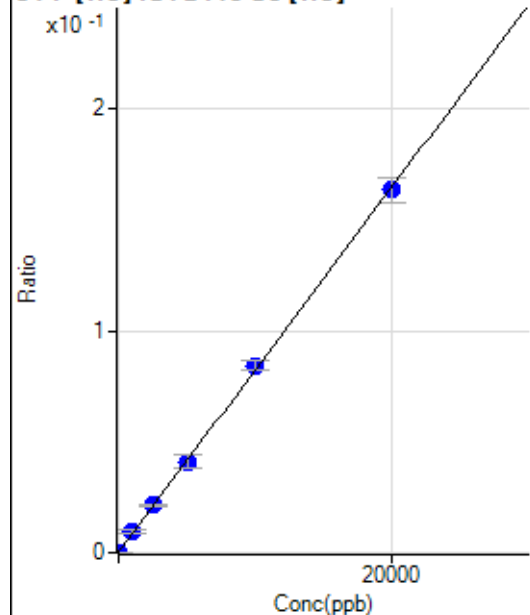
$$y = 5.6119\text{E-}004 * x + 0.0483$$

$$R = 0.9991$$

$$DL = 2.306$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	7.473	11.11	0.0002	P	173.
2	☐	0.000					
3	☐	0.000	-7.473	5.56	0.0001	P	173.
4	☐	1000.000	1179.915	494.48	0.0099	P	15.8
5	☐	2500.000	2605.388	1055.64	0.0216	P	4.2
6	☐	5000.000	4941.969	1944.67	0.0408	P	14.9
7	☐	10000.000	10243.026	3795.13	0.0843	P	5.8
8	☐	20000.000	19870.826	6860.27	0.1634	P	6.8
9	☐			2.78	0.0001	P	173.

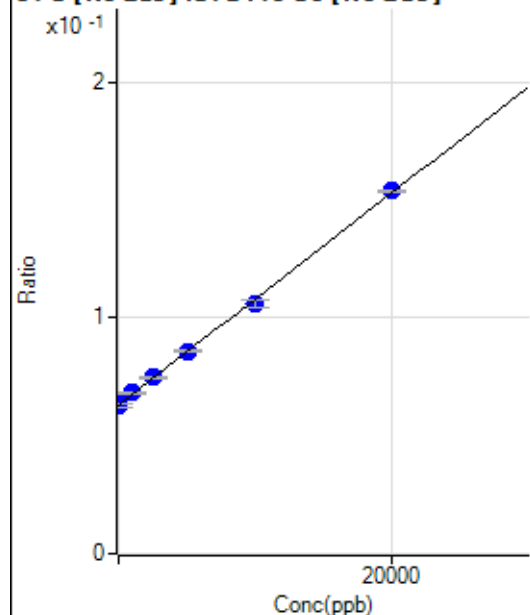
$$y = 8.2152\text{E-}006 * x + 1.6881\text{E-}004$$

$$R = 0.9998$$

$$DL = 106.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	81.682	365742.77	0.0635	P	0.0
2	☐	0.000					
3	☐	0.000	-81.682	373902.27	0.0628	P	1.9
4	☐	1000.000	1157.331	403286.26	0.0683	P	1.4
5	☐	2500.000	2596.990	439881.66	0.0748	P	1.1
6	☐	5000.000	5076.935	500989.22	0.0860	P	1.0
7	☐	10000.000	9556.712	613548.24	0.1061	P	3.1
8	☐	20000.000	20182.420	853175.45	0.1539	P	0.6
9	☐			339780.47	0.0594	P	3.2

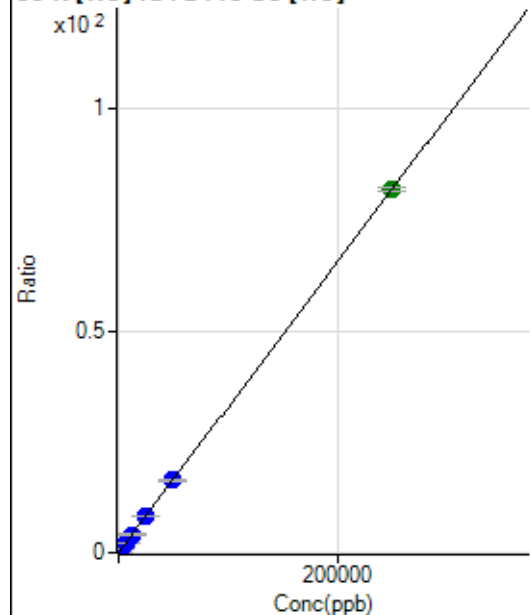
$$y = 4.4963\text{E-}006 * x + 0.0631$$

$$R = 0.9996$$

$$DL = 396.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2389.20	0.0503	P	5.1
2	☐	50.000					
3	☐	500.000	470.125	10415.39	0.2039	P	2.5
4	☐	2500.000	2487.257	43164.49	0.8630	P	3.1
5	☐	6250.000	6339.146	103812.03	2.1217	P	0.8
6	☐	12500.000	12388.689	195638.32	4.0984	P	1.8
7	☐	25000.000	24670.934	365119.92	8.1117	P	0.6
8	☐	50000.000	49780.407	685572.96	16.3164	P	1.9
9	☐	250000.00	250080.34	4142875.01	81.7658	A	1.2

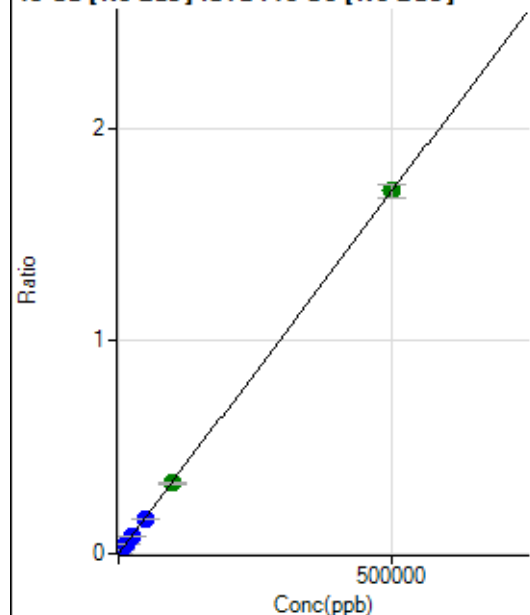
$$y = 3.2676\text{E-}004 * x + 0.0503$$

$$R = 1.0000$$

$$DL = 23.68$$

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	425.02	0.0001	P	1.6
2	☐	50.000					
3	☐	500.000	484.255	10268.10	0.0017	P	4.1
4	☐	5000.000	4823.864	97426.13	0.0165	P	1.4
5	☐	12500.000	12037.627	241582.10	0.0411	P	1.0
6	☐	25000.000	24022.153	477404.42	0.0819	P	1.6
7	☐	50000.000	47211.986	930712.69	0.1609	P	2.2
8	☐	100000.00	96941.859	1831740.62	0.3304	A	0.7
9	☐	500000.00	500952.65	9759922.62	1.7070	A	3.8

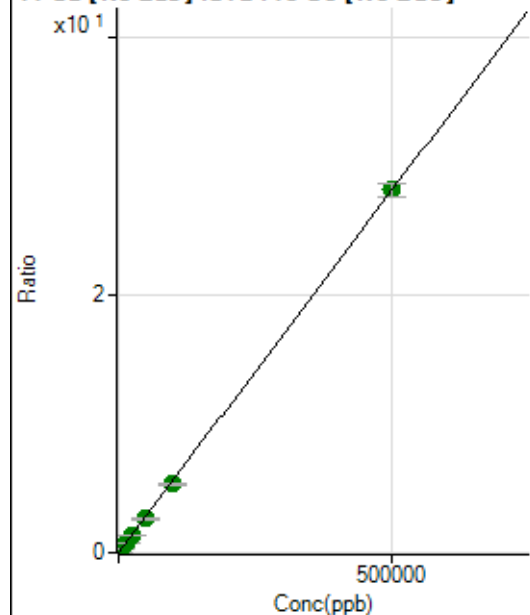
$$y = 3.4074\text{E-}006 * x + 7.3803\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.067$$

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	17639.56	0.0031	P	4.3
2	☐	50.000					
3	☐	500.000	460.503	172154.82	0.0289	P	0.4
4	☐	5000.000	4877.624	1633005.36	0.2767	A	1.4
5	☐	12500.000	11983.455	3971164.33	0.6755	A	0.8
6	☐	25000.000	23694.521	7765405.82	1.3326	A	1.1
7	☐	50000.000	46695.630	15168593.39	2.6232	A	2.6
8	☐	100000.00	94560.829	29432998.23	5.3089	A	0.7
9	☐	500000.00	501497.72	160901829.9	28.1424	A	3.8

$$y = 5.6111\text{E-}005 * x + 0.0031$$

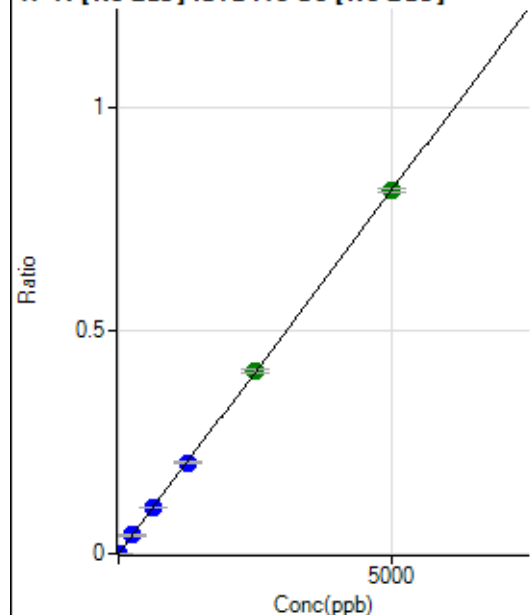
$$R = 0.9999$$

$$DL = 7.033$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	45.1
2	☐	0.500					
3	☐	5.000	5.114	5034.46	0.0008	P	6.3
4	☐	250.000	253.590	243463.00	0.0413	P	1.7
5	☐	625.000	631.344	603858.50	0.1027	P	0.3
6	☐	1250.000	1256.545	1191143.26	0.2044	P	1.1
7	☐	2500.000	2505.321	2356655.24	0.4075	A	2.2
8	☐	5000.000	4994.731	4504279.09	0.8125	A	0.9
9	☐			2511.45	0.0004	P	6.1

$$y = 1.6266\text{E-}004 * x + 1.3527\text{E-}005$$

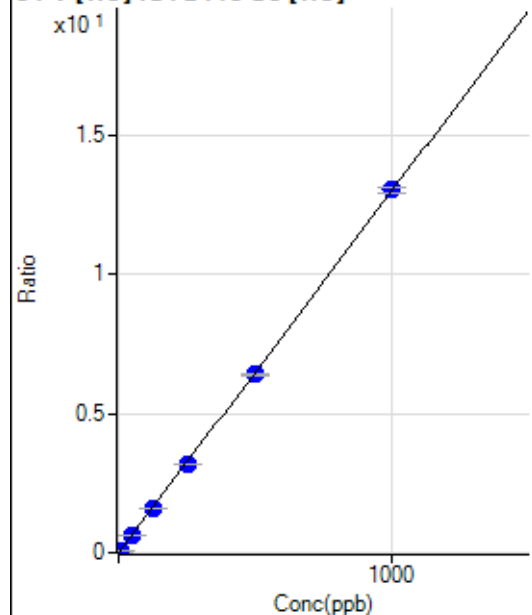
$$R = 1.0000$$

$$DL = 0.1125$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0001	P	73.4
2	☐	0.500					
3	☐	5.000	4.741	3152.64	0.0617	P	5.1
4	☐	50.000	49.049	31874.23	0.6372	P	2.3
5	☐	125.000	123.106	78240.31	1.5991	P	1.6
6	☐	250.000	244.644	151692.96	3.1777	P	1.5
7	☐	500.000	493.826	288702.91	6.4142	P	1.1
8	☐	1000.000	1004.712	548382.68	13.0499	P	1.7
9	☐			192.22	0.0038	P	17.0

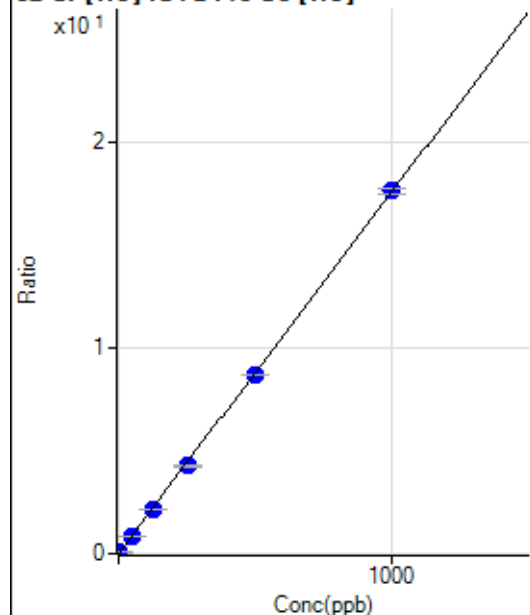
$$y = 0.0130 * x + 1.1897\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02016$$

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	581.13	0.0122	P	7.0
2	☐	0.200					
3	☐	2.000	2.007	2424.70	0.0475	P	2.8
4	☐	50.000	49.176	43783.99	0.8753	P	1.7
5	☐	125.000	123.624	106749.62	2.1818	P	1.0
6	☐	250.000	244.224	205176.89	4.2982	P	2.2
7	☐	500.000	495.285	391788.15	8.7042	P	0.7
8	☐	1000.000	1004.015	740960.07	17.6322	P	1.8
9	☐			33058.12	0.6524	P	0.6

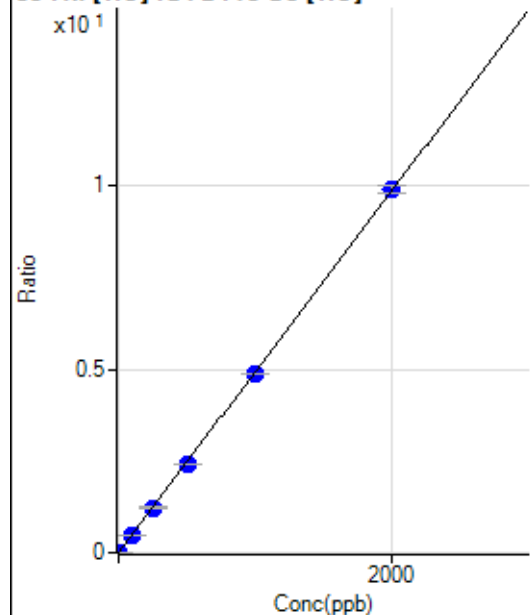
$$y = 0.0175 * x + 0.0122$$

$$R = 1.0000$$

$$DL = 0.1455$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0011	P	24.6
2	☐	0.100					
3	☐	1.000	0.992	303.34	0.0059	P	2.8
4	☐	100.000	96.256	23764.88	0.4751	P	2.3
5	☐	250.000	249.263	60113.21	1.2286	P	0.7
6	☐	500.000	490.090	115262.74	2.4146	P	1.7
7	☐	1000.000	991.215	219766.62	4.8825	P	0.6
8	☐	2000.000	2007.150	415410.57	9.8856	P	2.0
9	☐			2209.11	0.0436	P	2.7

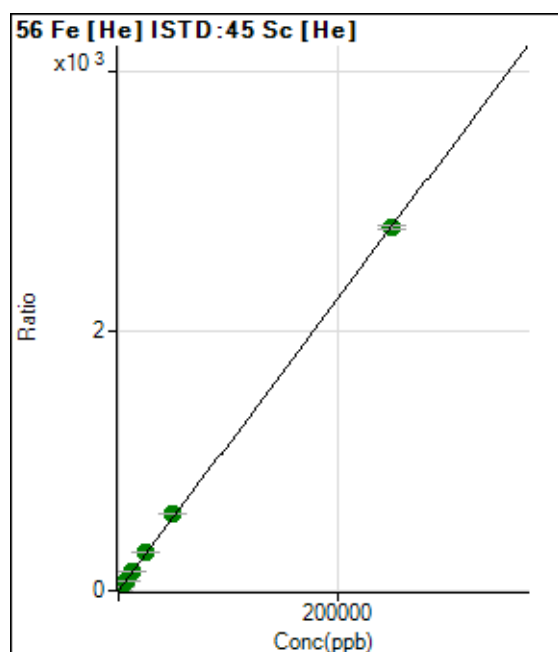
$$y = 0.0049 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.158$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1320.48	0.0278	P	3.6
2	☐	5.000					
3	☐	50.000	51.544	30949.63	0.6060	P	1.6
4	☐	2500.000	2605.137	1462996.78	29.2514	A	3.0
5	☐	6250.000	6597.668	3622560.24	74.0383	A	0.9
6	☐	12500.000	12935.420	6928007.79	145.1331	A	1.7
7	☐	25000.000	26098.427	13178784.78	292.7914	A	0.9
8	☐	50000.000	53001.386	24985529.50	594.5799	A	1.6
9	☐	250000.00	249258.36	141674197.6	2,796.126	A	1.0

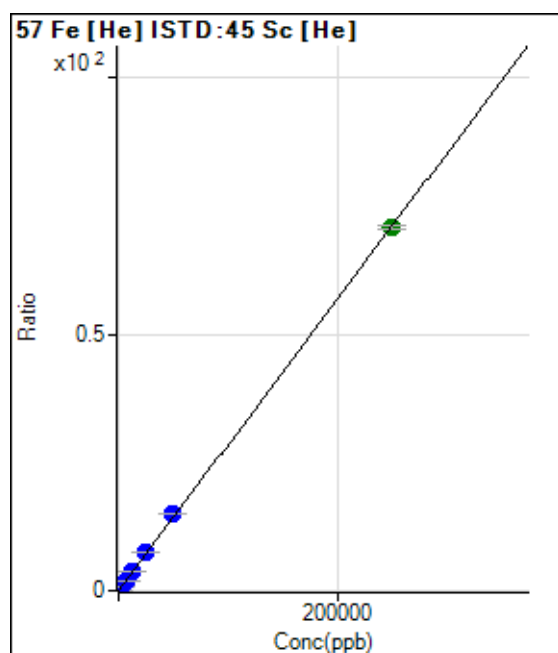
$$y = 0.0112 * x + 0.0278$$

$$R = 0.9999$$

$$DL = 0.264$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.52	0.0014	P	4.7
2	☐	5.000					
3	☐	50.000	51.259	816.72	0.0160	P	11.1
4	☐	2500.000	2587.959	36821.39	0.7361	P	2.2
5	☐	6250.000	6493.857	90272.39	1.8450	P	0.3
6	☐	12500.000	12948.379	175540.80	3.6773	P	1.9
7	☐	25000.000	26118.725	333802.57	7.4162	P	1.1
8	☐	50000.000	52789.869	629758.87	14.9878	P	1.8
9	☐	250000.00	249300.75	3585954.91	70.7747	A	1.2

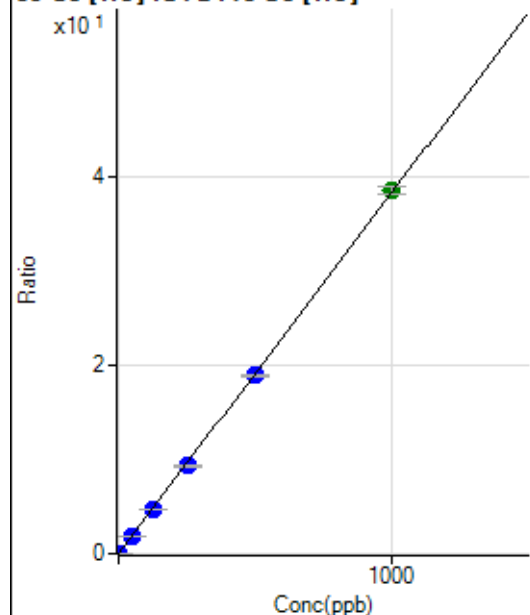
$$y = 2.8389E-004 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.7229$$

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	0.0018	P	19.8
2	☐	0.100					
3	☐	1.000	0.937	1924.61	0.0377	P	2.1
4	☐	50.000	48.584	93151.71	1.8621	P	1.5
5	☐	125.000	122.757	230080.30	4.7022	P	0.6
6	☐	250.000	243.415	445010.88	9.3223	P	1.6
7	☐	500.000	493.013	849797.14	18.8796	P	0.6
8	☐	1000.000	1005.491	1617928.43	38.5028	A	2.0
9	☐			22105.51	0.4363	P	1.0

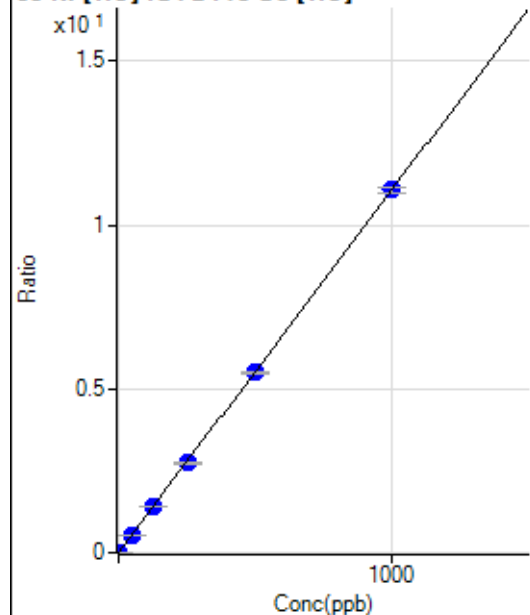
$$y = 0.0383 * x + 0.0018$$

$$R = 0.9999$$

$$DL = 0.02784$$

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	122.23	0.0026	P	19.5
2	☐	0.100					
3	☐	1.000	0.998	694.48	0.0136	P	0.9
4	☐	50.000	49.208	27338.14	0.5465	P	1.4
5	☐	125.000	125.374	67931.36	1.3884	P	0.1
6	☐	250.000	248.775	131380.19	2.7524	P	2.2
7	☐	500.000	497.565	247669.11	5.5023	P	0.7
8	☐	1000.000	1001.517	465291.08	11.0726	P	1.9
9	☐			17032.84	0.3362	P	1.2

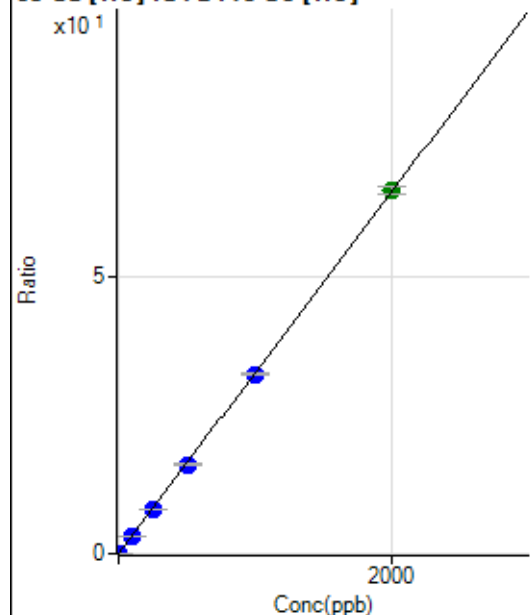
$$y = 0.0111 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.1355$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0098	P	13.4
2	☐	0.200					
3	☐	2.000	1.952	3765.02	0.0737	P	4.7
4	☐	100.000	98.330	161577.73	3.2300	P	1.6
5	☐	250.000	248.480	398632.96	8.1472	P	0.3
6	☐	500.000	489.583	765798.27	16.0430	P	2.1
7	☐	1000.000	992.056	1462794.63	32.4984	P	0.6
8	☐	2000.000	2006.850	2762043.43	65.7316	A	2.0
9	☐			5597.89	0.1105	P	3.9

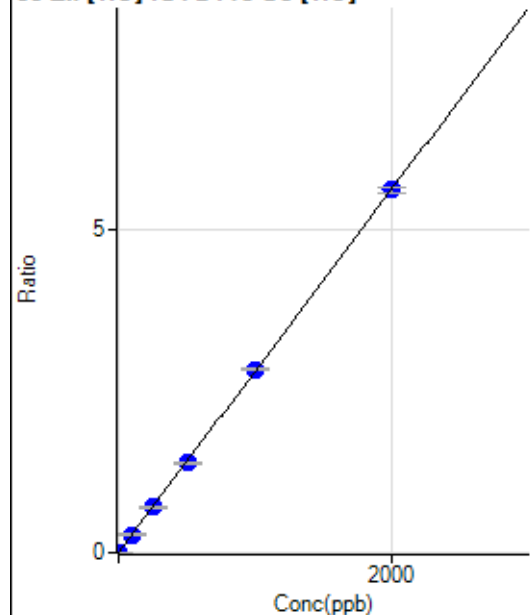
$$y = 0.0327 * x + 0.0098$$

$$R = 1.0000$$

$$DL = 0.1198$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0028	P	6.3
2	☐	0.200					
3	☐	2.000	2.281	471.13	0.0092	P	3.1
4	☐	100.000	99.516	14094.04	0.2819	P	5.2
5	☐	250.000	248.505	34232.37	0.6996	P	0.5
6	☐	500.000	492.677	66083.21	1.3843	P	1.2
7	☐	1000.000	1007.076	127229.27	2.8267	P	0.9
8	☐	2000.000	1998.503	235579.78	5.6066	P	1.8
9	☐			1926.84	0.0380	P	7.3

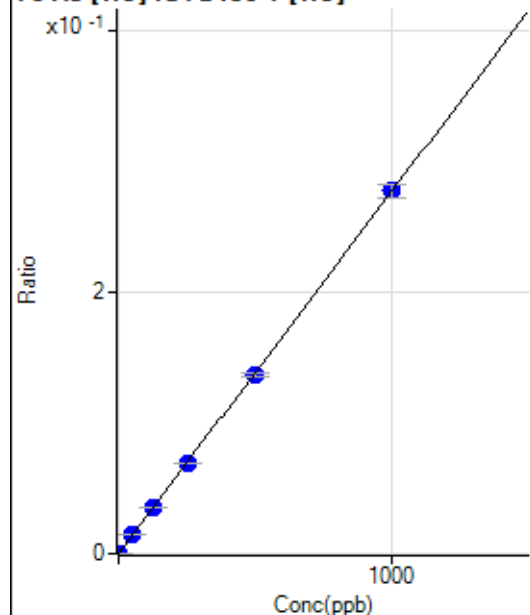
$$y = 0.0028 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 0.1908$$

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	2.47	0.0000	P	39.9
2	☐	0.100					
3	☐	1.000	1.255	124.07	0.0004	P	6.1
4	☐	50.000	51.108	4890.41	0.0142	P	0.4
5	☐	125.000	126.670	12016.41	0.0351	P	0.8
6	☐	250.000	249.593	22925.24	0.0692	P	1.1
7	☐	500.000	494.261	44137.47	0.1370	P	1.3
8	☐	1000.000	1002.707	83529.93	0.2779	P	3.7
9	☐			169.75	0.0005	P	15.6

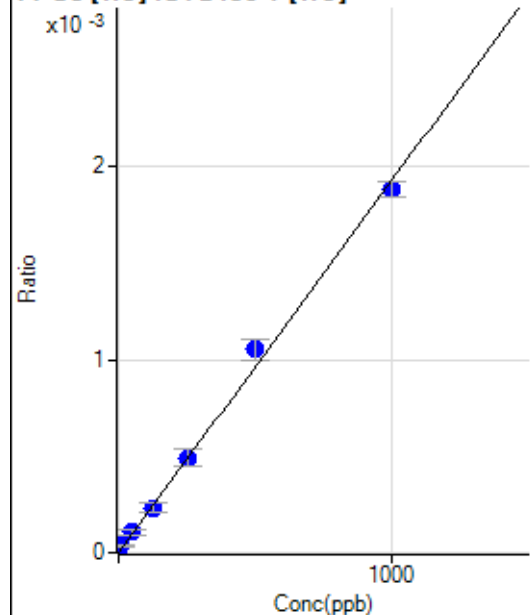
$$y = 2.7715\text{E-}004 * x + 7.4914\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03235$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	18.233	12.22	0.0000	P	42.3
4	☐	50.000	55.315	36.67	0.0001	P	28.2
5	☐	125.000	121.286	80.00	0.0002	P	18.2
6	☐	250.000	255.800	163.34	0.0005	P	19.6
7	☐	500.000	546.301	338.90	0.0011	P	10.4
8	☐	1000.000	975.532	564.47	0.0019	P	4.1
9	☐			2.22	0.0000	P	173.

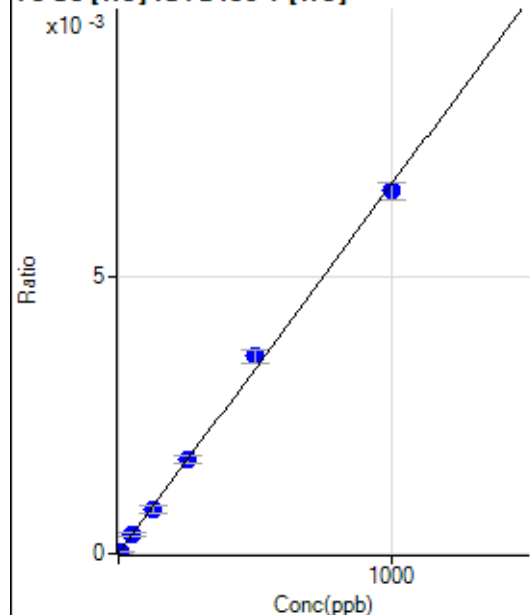
$$y = 1.9253\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9984$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.08	0.0000	P	35.9
2	☐	0.500					
3	☐	5.000	4.958	14.81	0.0000	P	25.7
4	☐	50.000	49.443	116.67	0.0003	P	15.7
5	☐	125.000	119.678	275.31	0.0008	P	17.8
6	☐	250.000	254.290	563.60	0.0017	P	8.0
7	☐	500.000	534.251	1147.59	0.0036	P	7.2
8	☐	1000.000	982.495	1967.44	0.0065	P	4.6
9	☐			3.09	0.0000	P	124.

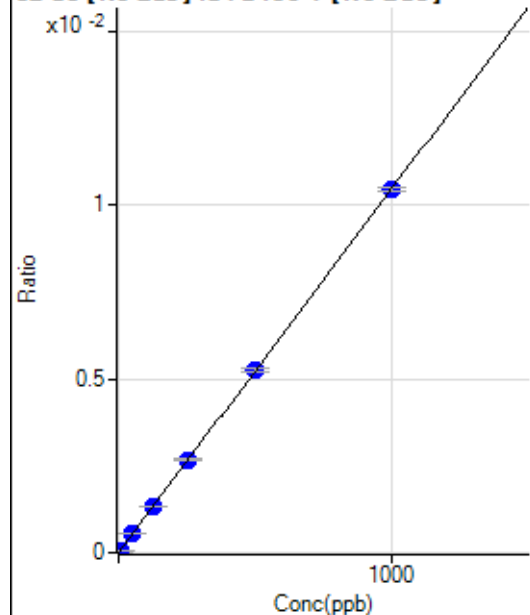
$$y = 6.6506E-006 * x + 9.4760E-006$$

$$R = 0.9991$$

$$DL = 1.536$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.53	0.0000	P	98.5
2	☐	0.500					
3	☐	5.000	5.146	584.51	0.0001	P	2.1
4	☐	50.000	51.539	5595.35	0.0005	P	3.4
5	☐	125.000	126.239	13785.44	0.0013	P	0.2
6	☐	250.000	255.737	27715.52	0.0027	P	0.5
7	☐	500.000	501.048	54639.67	0.0052	P	2.3
8	☐	1000.000	997.809	105208.16	0.0104	P	1.0
9	☐			48.44	0.0000	P	87.6

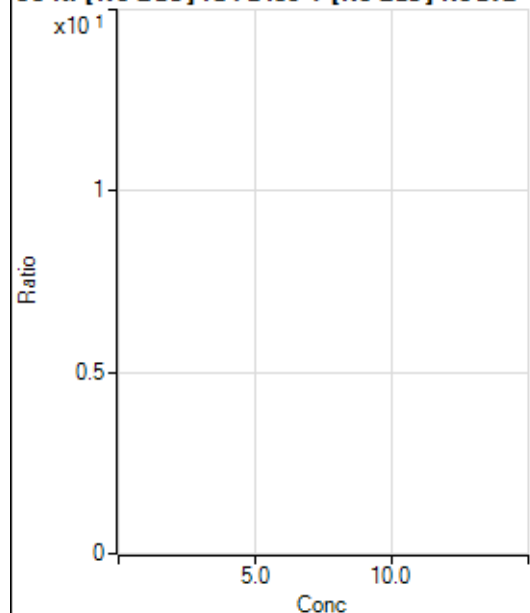
$$y = 1.0469E-005 * x + 2.3765E-006$$

$$R = 1.0000$$

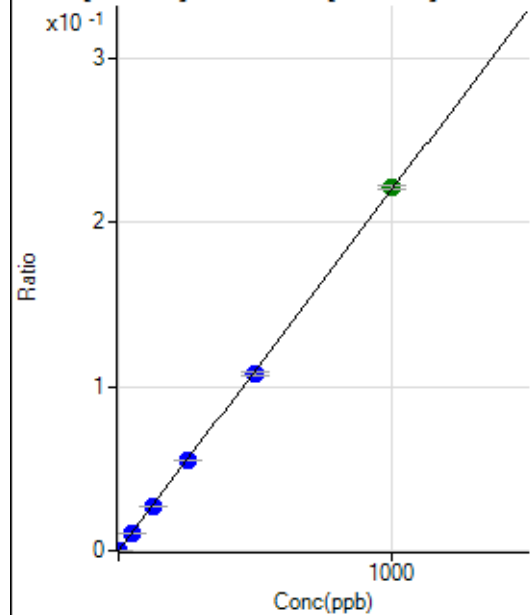
$$DL = 0.671$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			304.46	0.0000	P	10.7
2	☐						
3	☐			323.34	0.0000	P	3.7
4	☐			361.12	0.0000	P	7.8
5	☐			358.90	0.0000	P	8.8
6	☐			313.34	0.0000	P	7.7
7	☐			317.79	0.0000	P	4.1
8	☐			330.01	0.0000	P	7.2
9	☐			376.68	0.0000	P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	475.03	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	1.057	2914.34	0.0003	P	3.5
4	☐	50.000	49.942	113975.75	0.0110	P	1.2
5	☐	125.000	123.799	284178.70	0.0273	P	1.1
6	☐	250.000	249.247	567842.61	0.0549	P	1.0
7	☐	500.000	490.098	1123570.14	0.1079	P	2.2
8	☐	1000.000	1005.292	2228306.02	0.2213	A	1.1
9	☐			10482.24	0.0010	P	5.0

$$y = 2.2009\text{E-}004 * x + 4.7716\text{E-}005$$

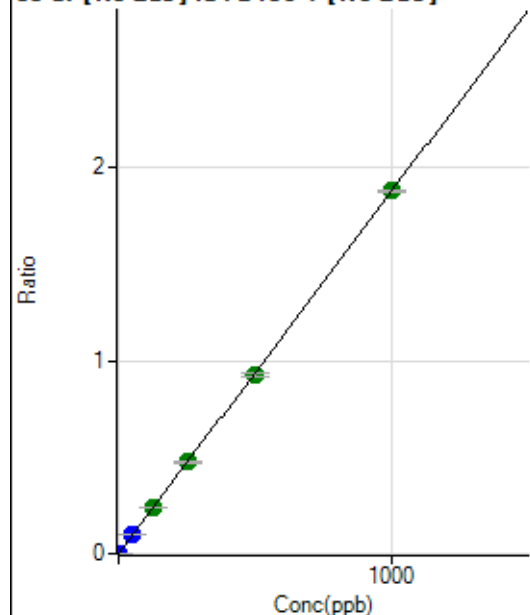
$$R = 0.9999$$

$$DL = 0.04629$$

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	177.79	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	1.016	20029.28	0.0019	P	2.9
4	☐	50.000	50.973	988908.46	0.0958	P	0.9
5	☐	125.000	128.403	2511811.15	0.2412	A	1.2
6	☐	250.000	253.446	4924540.56	0.4762	A	2.0
7	☐	500.000	494.288	9669154.30	0.9286	A	2.1
8	☐	1000.000	1001.521	18946778.38	1.8816	A	0.4
9	☐			87952.65	0.0088	P	4.2

$$y = 0.0019 * x + 1.7885E-005$$

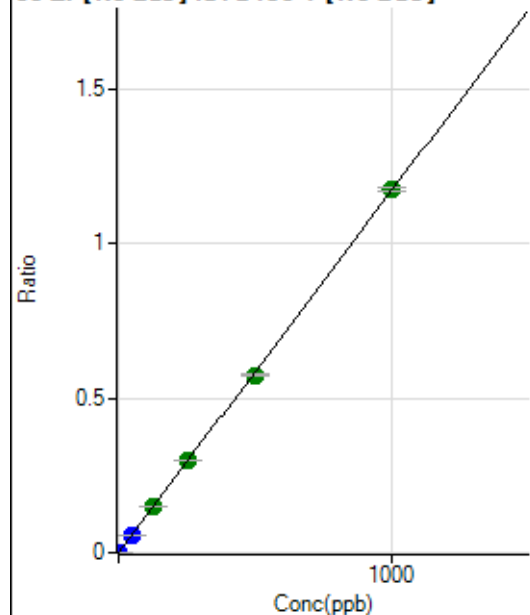
$$R = 1.0000$$

$$DL = 0.007077$$

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	919.52	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.911	12050.29	0.0012	P	4.4
4	☐	50.000	50.042	606338.71	0.0587	P	1.4
5	☐	125.000	126.284	1541613.20	0.1481	A	1.1
6	☐	250.000	255.612	3098512.72	0.2996	A	1.1
7	☐	500.000	490.969	5991259.51	0.5754	A	1.3
8	☐	1000.000	1002.950	11834176.83	1.1752	A	0.9
9	☐			3389.48	0.0003	P	7.5

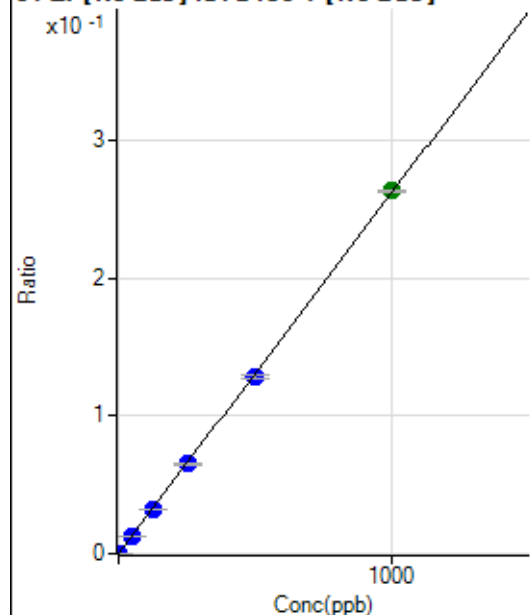
$$y = 0.0012 * x + 9.2368E-005$$

$$R = 0.9999$$

$$DL = 0.01432$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.57	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	0.805	2383.66	0.0002	P	8.3
4	☐	50.000	49.240	133577.38	0.0129	P	3.5
5	☐	125.000	123.880	338617.12	0.0325	P	0.9
6	☐	250.000	248.748	675209.40	0.0653	P	1.1
7	☐	500.000	490.452	1340103.26	0.1287	P	2.0
8	☐	1000.000	1005.265	2656127.71	0.2638	A	0.5
9	☐			686.16	0.0001	P	13.0

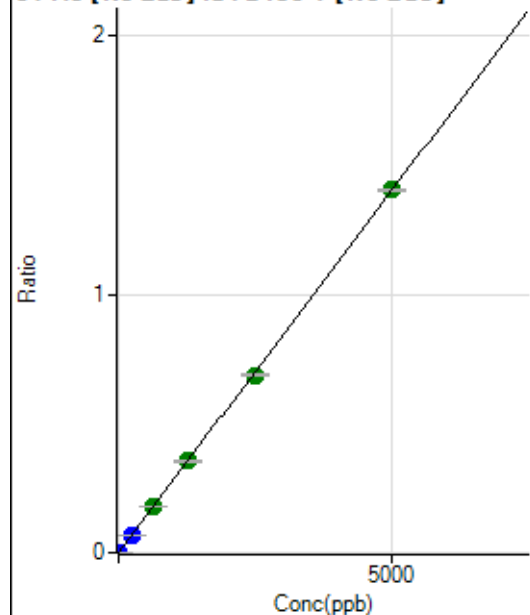
$$y = 2.6238\text{E-}004 * x + 1.8127\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05444$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	394.47	0.0000	P	9.8
2	☐	0.500					
3	☐	5.000	4.909	14683.54	0.0014	P	2.4
4	☐	250.000	251.376	726423.73	0.0704	P	0.6
5	☐	625.000	637.702	1857743.23	0.1784	A	0.2
6	☐	1250.000	1266.174	3663607.50	0.3542	A	0.7
7	☐	2500.000	2456.886	7156504.93	0.6873	A	1.9
8	☐	5000.000	5015.857	14128574.80	1.4031	A	0.5
9	☐			19843.00	0.0020	P	4.1

$$y = 2.7973\text{E-}004 * x + 3.9627\text{E-}005$$

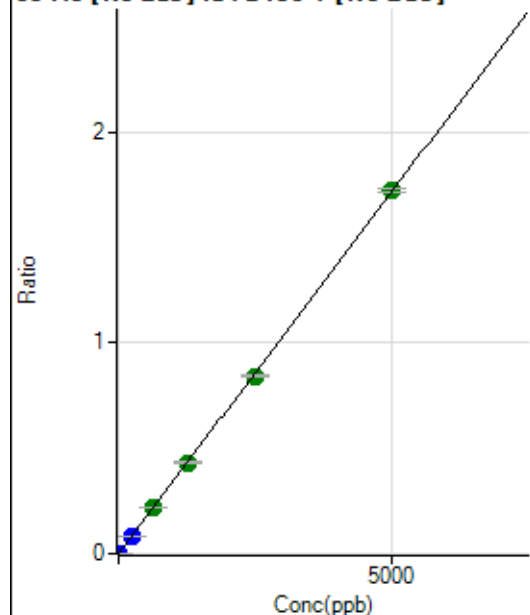
$$R = 0.9999$$

$$DL = 0.04149$$

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	183.34	0.0000	P	16.7
2	☐	0.500					
3	☐	5.000	4.813	17345.22	0.0017	P	2.4
4	☐	250.000	251.122	889398.24	0.0861	P	1.0
5	☐	625.000	637.353	2276139.16	0.2186	A	0.4
6	☐	1250.000	1259.640	4468214.99	0.4320	A	1.0
7	☐	2500.000	2457.802	8777326.41	0.8429	A	1.7
8	☐	5000.000	5017.089	17325966.19	1.7207	A	0.9
9	☐			32707.02	0.0033	P	2.5

$$y = 3.4296E-004 * x + 1.8442E-005$$

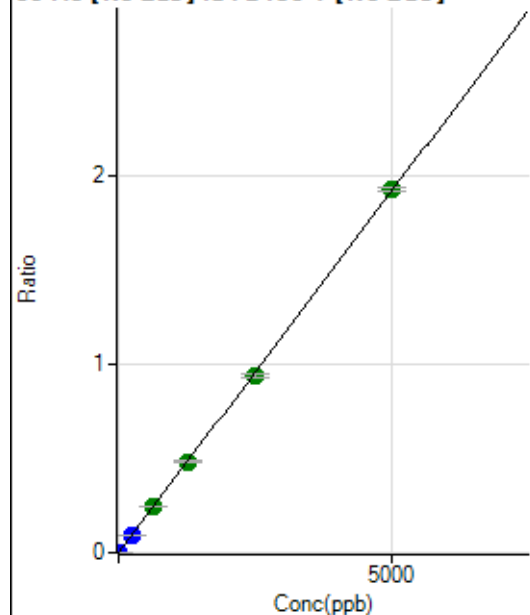
$$R = 0.9999$$

$$DL = 0.02687$$

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	308.35	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	4.889	19787.47	0.0019	P	1.4
4	☐	250.000	251.754	996010.62	0.0965	P	0.7
5	☐	625.000	637.740	2543906.92	0.2443	A	0.4
6	☐	1250.000	1258.548	4986286.92	0.4821	A	1.7
7	☐	2500.000	2451.411	9778437.46	0.9391	A	1.6
8	☐	5000.000	5020.477	19364992.45	1.9232	A	1.0
9	☐			36291.36	0.0036	P	5.5

$$y = 3.8306E-004 * x + 3.0998E-005$$

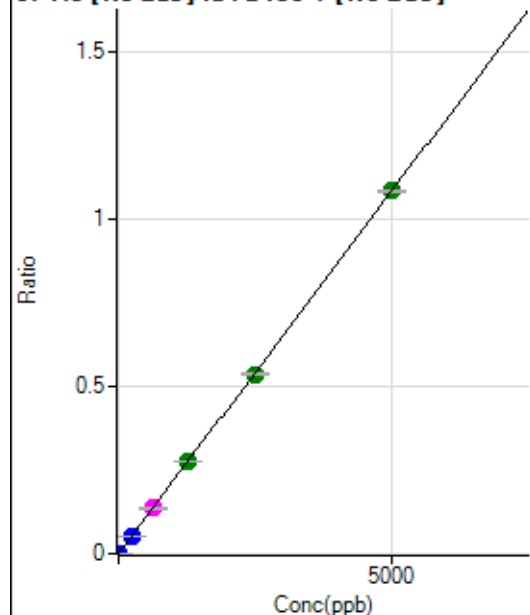
$$R = 0.9999$$

$$DL = 0.02178$$

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	105.56	0.0000	P	24.8
2	☐	0.500					
3	☐	5.000	4.936	11210.71	0.0011	P	1.6
4	☐	250.000	250.270	559243.62	0.0542	P	1.0
5	☐	625.000	625.294	1408946.97	0.1353	M	0.8
6	☐	1250.000	1268.935	2839973.00	0.2746	A	1.0
7	☐	2500.000	2477.767	5583023.82	0.5362	A	1.6
8	☐	5000.000	5006.332	10908315.78	1.0833	A	0.6
9	☐			20955.94	0.0021	P	4.7

$$y = 2.1639\text{E-}004 * x + 1.0595\text{E-}005$$

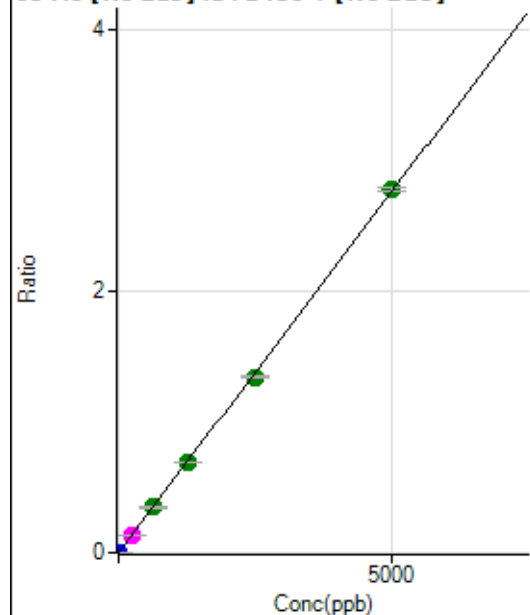
$$R = 1.0000$$

$$DL = 0.03646$$

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	288.90	0.0000	P	21.0
2	☐	0.500					
3	☐	5.000	4.920	28550.52	0.0027	P	2.3
4	☐	250.000	250.942	1431799.90	0.1387	M	0.4
5	☐	625.000	628.700	3616971.96	0.3474	A	0.9
6	☐	1250.000	1252.619	7158259.80	0.6921	A	1.1
7	☐	2500.000	2438.777	14031438.16	1.3475	A	1.3
8	☐	5000.000	5029.447	27980321.80	2.7788	A	1.2
9	☐			52656.20	0.0052	P	2.4

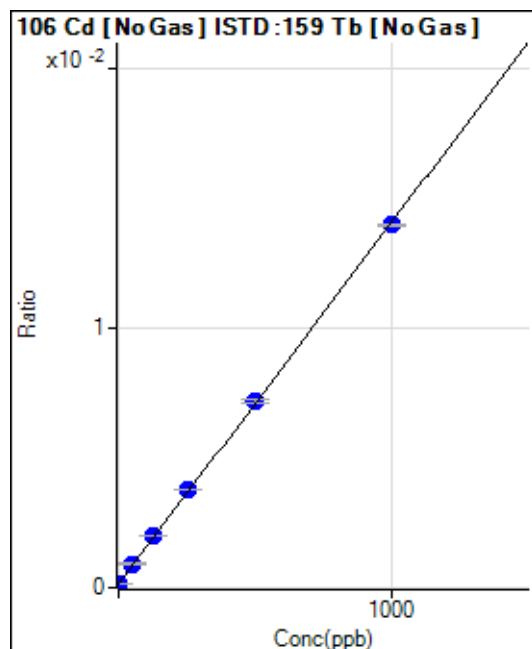
$$y = 5.5250\text{E-}004 * x + 2.9062\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03321$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1747.41	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	1.639	2130.82	0.0002	P	2.4
4	☐	50.000	55.535	11755.60	0.0009	P	2.0
5	☐	125.000	132.192	25680.86	0.0020	P	0.9
6	☐	250.000	262.158	49430.38	0.0038	P	0.7
7	☐	500.000	503.792	96225.45	0.0072	P	2.0
8	☐	1000.000	993.888	185348.38	0.0140	P	0.6
9	☐			2175.29	0.0002	P	2.5

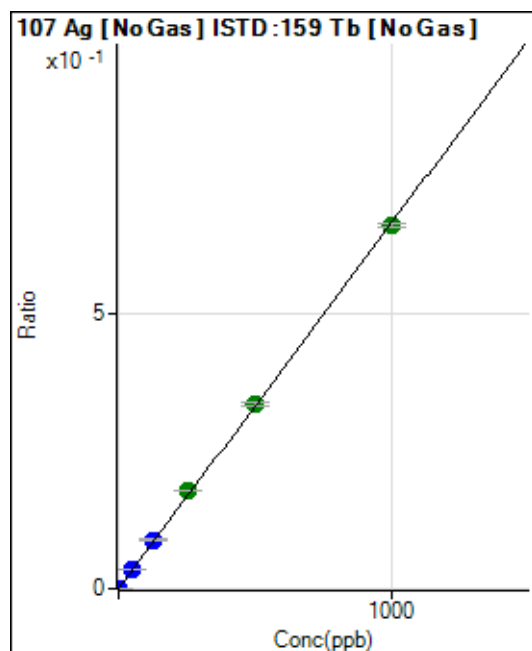
$$y = 1.3915\text{E-}005 * x + 1.4443\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.904$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	1.083	9267.52	0.0007	P	4.2
4	☐	50.000	53.750	457603.01	0.0357	P	0.7
5	☐	125.000	133.627	1148877.02	0.0888	P	0.9
6	☐	250.000	267.255	2313638.79	0.1775	A	0.8
7	☐	500.000	504.419	4505130.74	0.3350	A	2.3
8	☐	1000.000	992.211	8739818.08	0.6590	A	1.2
9	☐			1230.67	0.0001	P	7.7

$$y = 6.6412\text{E-}004 * x + 8.5069\text{E-}006$$

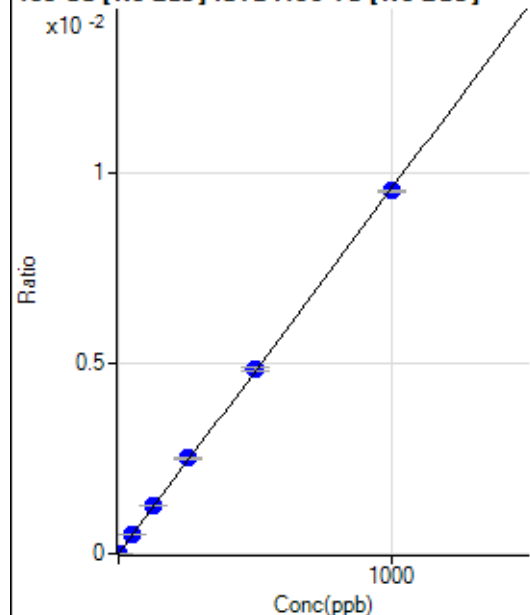
$$R = 0.9998$$

$$DL = 0.0129$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	42.9
2	☐	0.100					
3	☐	1.000	1.032	137.51	0.0000	P	10.1
4	☐	50.000	53.996	6629.55	0.0005	P	4.2
5	☐	125.000	133.264	16510.35	0.0013	P	1.4
6	☐	250.000	260.837	32527.05	0.0025	P	1.5
7	☐	500.000	504.073	64840.10	0.0048	P	2.3
8	☐	1000.000	994.021	126096.80	0.0095	P	0.5
9	☐			47.22	0.0000	P	29.6

$$y = 9.5633\text{E-}006 * x + 9.1700\text{E-}007$$

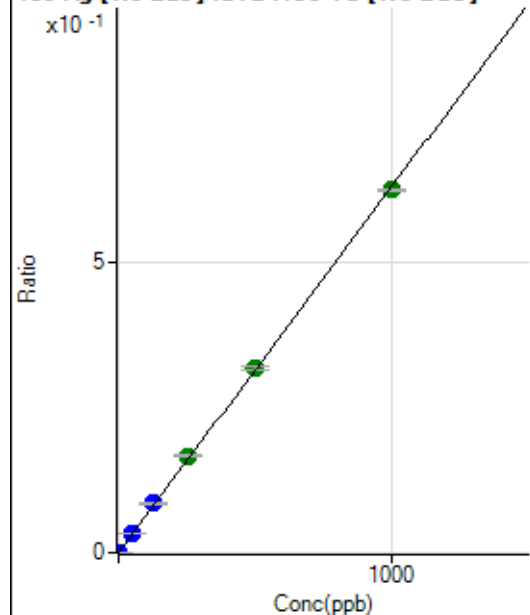
$$R = 0.9999$$

$$DL = 0.1234$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	57.0
2	☐	0.100					
3	☐	1.000	1.088	8753.25	0.0007	P	4.2
4	☐	50.000	54.342	437219.57	0.0341	P	0.6
5	☐	125.000	134.510	1092987.77	0.0844	P	0.9
6	☐	250.000	265.213	2170010.90	0.1665	A	0.6
7	☐	500.000	505.576	4267837.16	0.3174	A	2.2
8	☐	1000.000	992.003	8258912.60	0.6227	A	0.7
9	☐			1119.55	0.0001	P	17.0

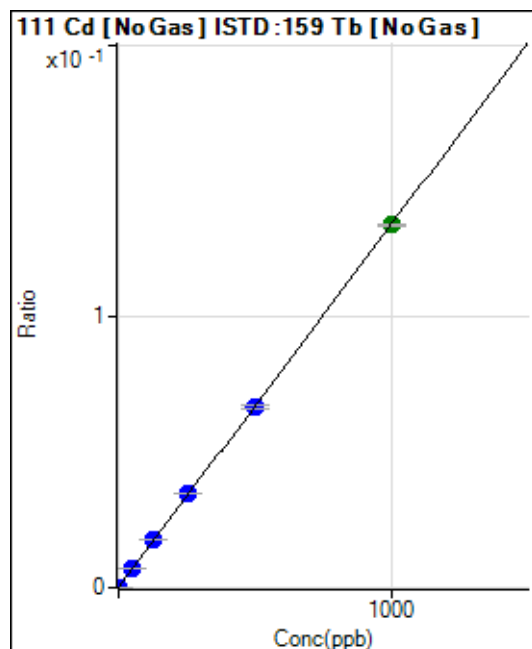
$$y = 6.2770\text{E-}004 * x + 3.9097\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01066$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1229.31	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	1.093	3162.14	0.0002	P	1.3
4	☐	50.000	52.904	92237.30	0.0072	P	0.8
5	☐	125.000	131.515	229632.86	0.0177	P	1.3
6	☐	250.000	258.158	452612.25	0.0347	P	0.5
7	☐	500.000	498.338	900208.33	0.0669	P	1.7
8	☐	1000.000	997.832	1776312.02	0.1339	A	0.6
9	☐			1870.21	0.0001	P	3.8

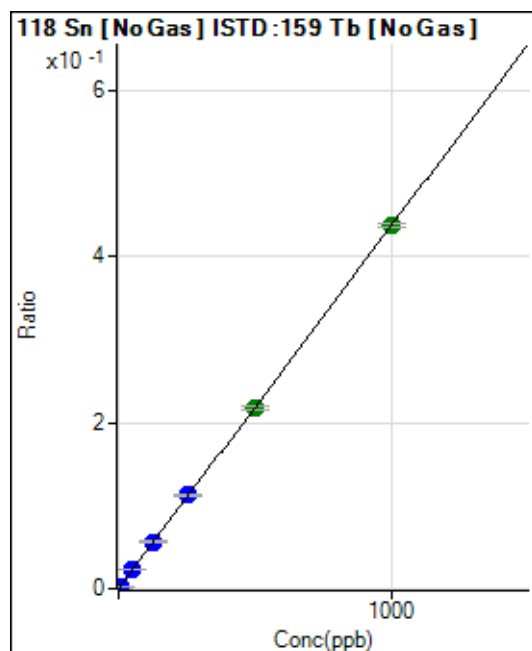
$$y = 1.3412\text{E-}004 * x + 1.0161\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1374$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2519.81	0.0002	P	5.0
2	☐	0.500					
3	☐	5.000	5.052	30769.82	0.0024	P	3.6
4	☐	50.000	51.508	291081.19	0.0227	P	0.8
5	☐	125.000	129.201	733381.92	0.0567	P	1.0
6	☐	250.000	257.010	1466295.79	0.1125	P	0.5
7	☐	500.000	497.541	2925977.17	0.2176	A	2.4
8	☐	1000.000	998.876	5790881.64	0.4366	A	0.9
9	☐			15957.32	0.0012	P	3.4

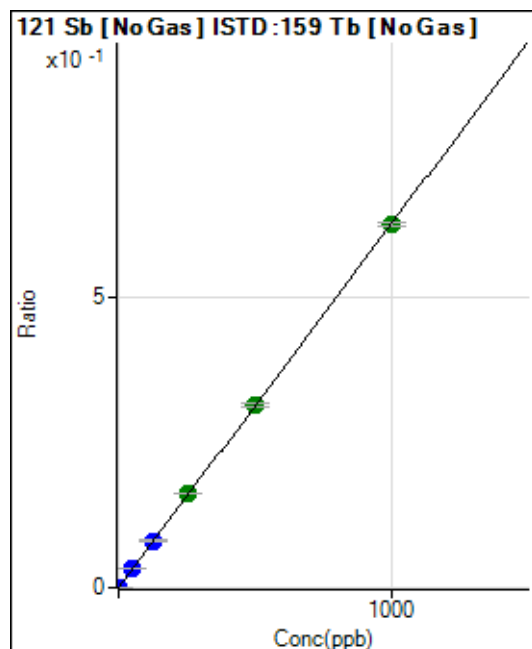
$$y = 4.3690\text{E-}004 * x + 2.0820\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.07101$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	9.1
2	☐	0.200					
3	☐	2.000	2.039	16441.40	0.0013	P	4.1
4	☐	50.000	51.218	412189.93	0.0322	P	1.2
5	☐	125.000	129.196	1049941.48	0.0811	P	1.6
6	☐	250.000	257.740	2108943.14	0.1618	A	1.2
7	☐	500.000	501.529	4234152.00	0.3148	A	1.8
8	☐	1000.000	996.715	8298550.27	0.6257	A	0.9
9	☐			23861.08	0.0018	P	5.3

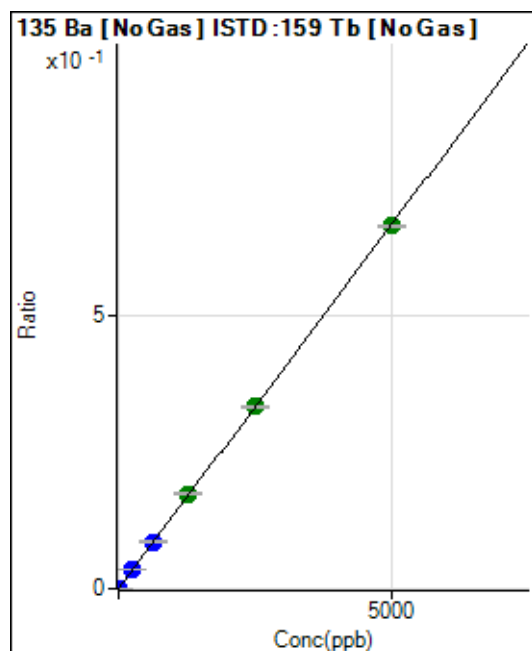
$$y = 6.2773\text{E-}004 * x + 1.0784\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.004697$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	71.8
2	☐	1.000					
3	☐	10.000	10.196	17356.49	0.0014	P	1.8
4	☐	250.000	261.919	447375.67	0.0349	P	1.0
5	☐	625.000	646.676	1115555.70	0.0862	P	1.1
6	☐	1250.000	1302.215	2261932.36	0.1735	A	0.8
7	☐	2500.000	2503.498	4487026.01	0.3336	A	1.3
8	☐	5000.000	4981.892	8805458.27	0.6639	A	0.7
9	☐			1425.15	0.0001	P	8.2

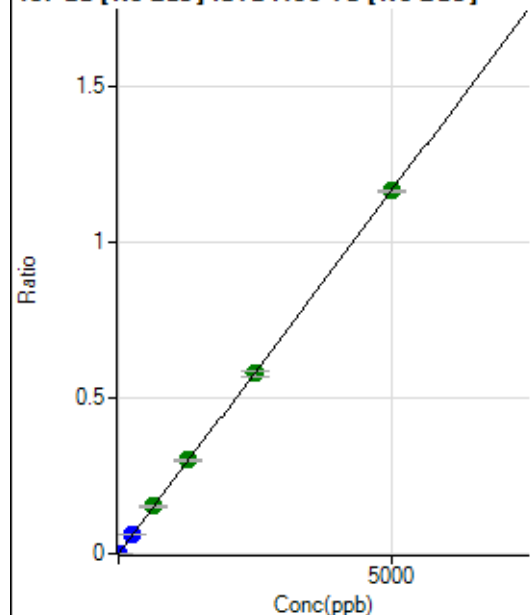
$$y = 1.3326\text{E-}004 * x + 3.4411\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0556$$

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	88.89	0.0000	P	14.5
2	☐	1.000					
3	☐	10.000	10.246	30558.44	0.0024	P	0.2
4	☐	250.000	259.863	777259.12	0.0606	P	0.5
5	☐	625.000	652.136	1969882.86	0.1522	A	1.7
6	☐	1250.000	1290.319	3924609.68	0.3011	A	1.0
7	☐	2500.000	2476.788	7772220.83	0.5780	A	2.5
8	☐	5000.000	4997.641	15467615.28	1.1662	A	0.9
9	☐			2450.35	0.0002	P	9.2

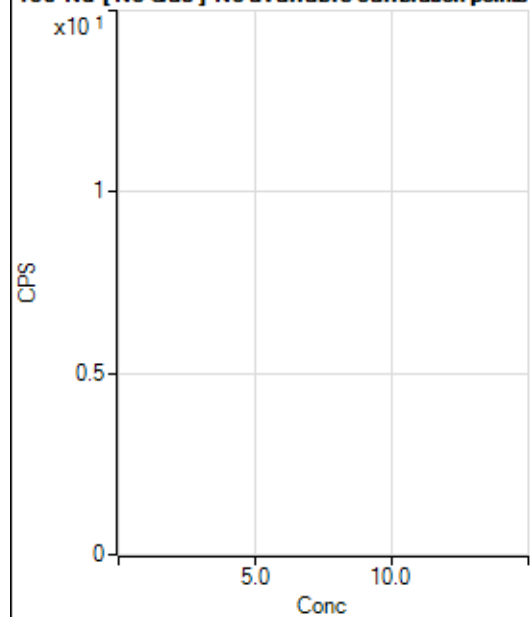
$$y = 2.3335E-004 * x + 7.3465E-006$$

$$R = 0.9999$$

$$DL = 0.01365$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			35.56		P	43.3
5	☐			33.33		P	52.9
6	☐			115.56		P	6.7
7	☐			177.78		P	17.7
8	☐			406.69		P	10.8
9	☐			95.56		P	42.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			2.22		P	86.6
7	☐			2.22		P	86.6
8	☐			6.67		P	50.0
9	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	0.0
2	☐						
3	☐			27.78		P	17.3
4	☐			11.11		P	173.
5	☐			19.45		P	24.7
6	☐			30.55		P	15.7
7	☐			47.22		P	27.0
8	☐			111.12		P	11.5
9	☐			72.23		P	24.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			5.56		P	91.6
7	☐			6.67		P	0.0
8	☐			4.44		P	114.
9	☐			15.56		P	32.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.79		P	4.7
2	☐						
3	☐			91.67		P	50.6
4	☐			66.67		P	12.5
5	☐			77.78		P	22.3
6	☐			86.11		P	11.2
7	☐			86.12		P	53.3
8	☐			94.45		P	10.2
9	☐			116.67		P	24.7

160 Gd [He] No available calibration points

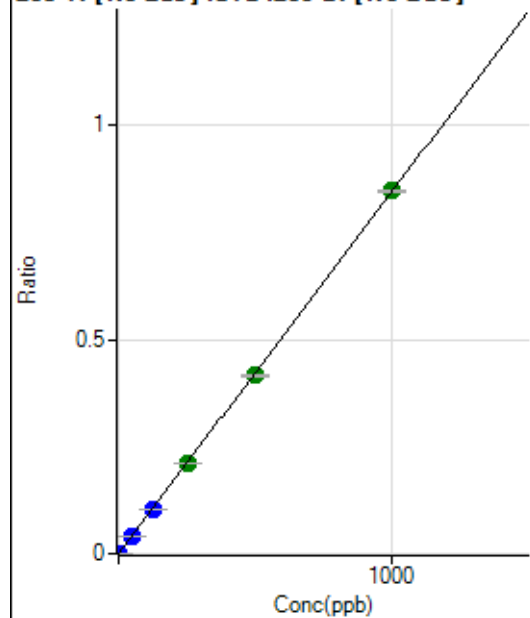
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			12.22		P	68.7
4	☐			7.78		P	24.7
5	☐			13.33		P	66.2
6	☐			7.78		P	99.0
7	☐			14.45		P	26.7
8	☐			14.45		P	26.7
9	☐			30.00		P	61.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	75.0
2	☐						
3	☐			58.34		P	24.8
4	☐			55.56		P	48.2
5	☐			50.00		P	76.4
6	☐			52.78		P	9.1
7	☐			55.56		P	34.6
8	☐			50.00		P	44.1
9	☐			44.44		P	60.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			16.67		P	40.0
4	☐			10.00		P	88.2
5	☐			5.55		P	69.3
6	☐			6.67		P	86.6
7	☐			7.78		P	65.5
8	☐			5.56		P	34.7
9	☐			11.11		P	17.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	330.58	0.0000	P	0.9
2	☐	0.100					
3	☐	1.000	0.984	6996.71	0.0009	P	3.5
4	☐	50.000	49.616	337036.23	0.0419	P	0.9
5	☐	125.000	123.412	846224.90	0.1042	P	1.1
6	☐	250.000	251.076	1737021.13	0.2119	A	1.1
7	☐	500.000	492.905	3543438.10	0.4159	A	1.5
8	☐	1000.000	1003.496	7014535.40	0.8467	A	0.5
9	☐			4192.55	0.0006	P	5.2

$$y = 8.4371\text{E-}004 * x + 4.3556\text{E-}005$$

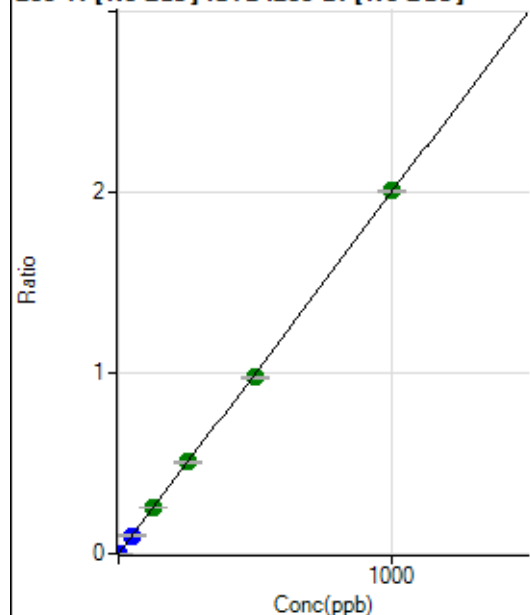
$$R = 1.0000$$

$$DL = 0.001424$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	852.85	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.996	16861.89	0.0021	P	2.2
4	☐	50.000	50.299	810247.57	0.1007	P	1.5
5	☐	125.000	126.778	2061356.51	0.2538	A	1.6
6	☐	250.000	254.718	4178662.77	0.5097	A	1.6
7	☐	500.000	488.097	8320608.86	0.9766	A	1.6
8	☐	1000.000	1004.535	16651025.37	2.0099	A	0.4
9	☐			9926.61	0.0013	P	3.9

$$y = 0.0020 * x + 1.1234E-004$$

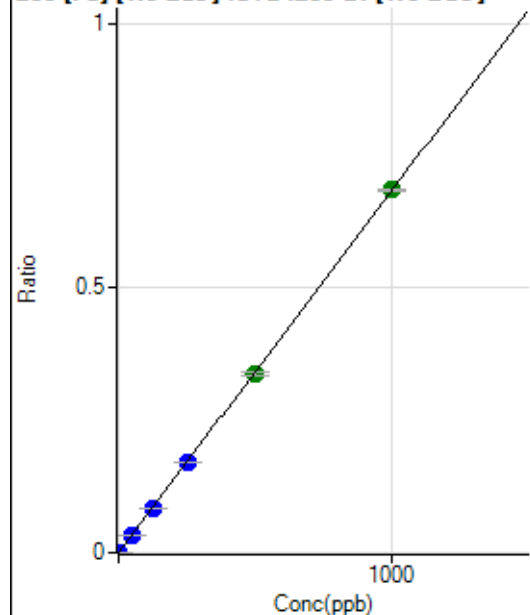
$$R = 0.9999$$

$$DL = 0.01682$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	329.65	0.0000	P	4.0
2	☐	0.100					
3	☐	1.000	1.002	5833.02	0.0007	P	4.7
4	☐	50.000	49.752	273881.30	0.0341	P	1.5
5	☐	125.000	123.187	684425.60	0.0843	P	1.5
6	☐	250.000	248.598	1393577.81	0.1700	P	0.6
7	☐	500.000	494.445	2879880.01	0.3380	A	1.9
8	☐	1000.000	1003.367	5682587.91	0.6859	A	0.8
9	☐			31781.10	0.0042	P	2.7

$$y = 6.8359E-004 * x + 4.3437E-005$$

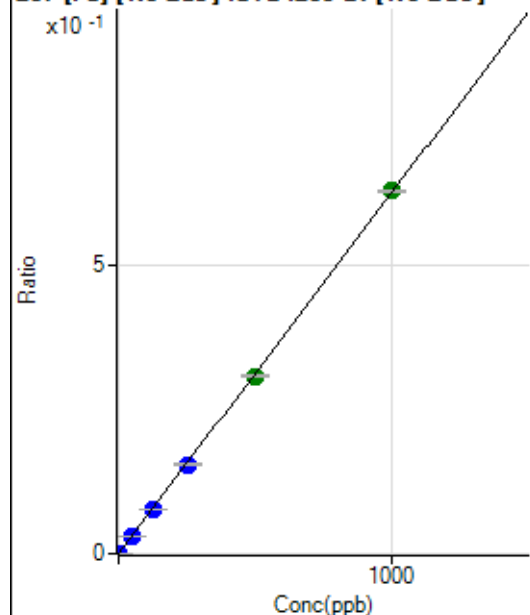
$$R = 1.0000$$

$$DL = 0.007607$$

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	355.57	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.976	5253.09	0.0007	P	4.8
4	☐	50.000	49.025	246437.48	0.0306	P	1.3
5	☐	125.000	122.897	623443.47	0.0767	P	1.0
6	☐	250.000	246.384	1260909.08	0.1538	P	1.2
7	☐	500.000	491.878	2615797.95	0.3070	A	0.9
8	☐	1000.000	1005.276	5197660.71	0.6274	A	0.5
9	☐			26214.77	0.0034	P	1.7

$$y = 6.2406\text{E-}004 * x + 4.6837\text{E-}005$$

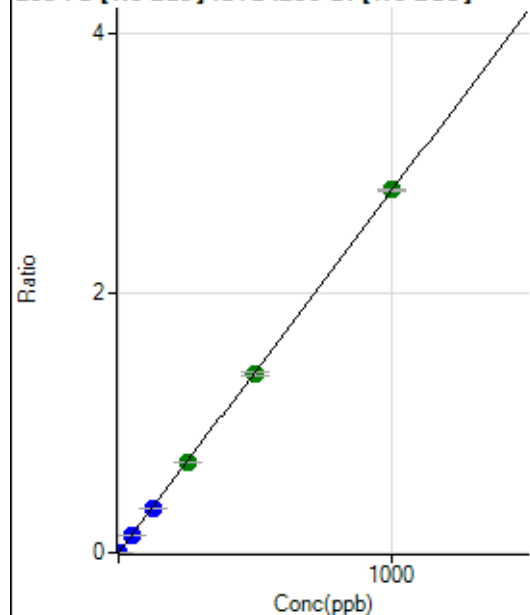
$$R = 0.9999$$

$$DL = 0.03274$$

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	1527.87	0.0002	P	6.1
2	☐	0.100					
3	☐	1.000	0.986	23657.45	0.0030	P	0.7
4	☐	50.000	49.673	1116569.95	0.1388	P	1.4
5	☐	125.000	123.773	2807871.86	0.3456	P	1.0
6	☐	250.000	250.547	5734317.11	0.6994	A	0.7
7	☐	500.000	493.646	11739507.73	1.3779	A	1.5
8	☐	1000.000	1003.210	23196694.84	2.8000	A	0.5
9	☐			123226.46	0.0162	P	2.7

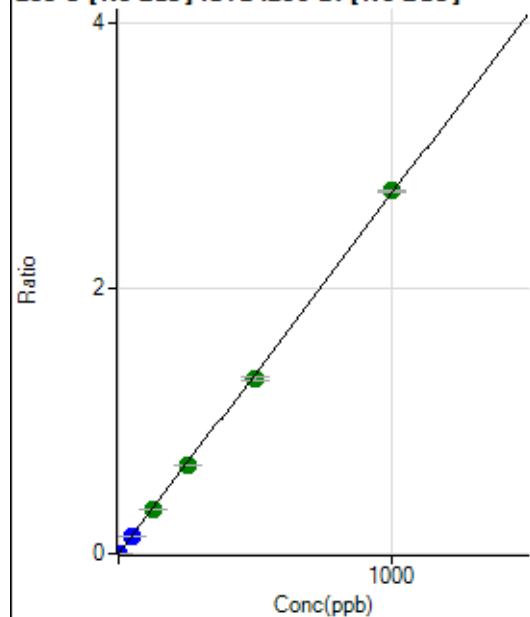
$$y = 0.0028 * x + 2.0127\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01309$$

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	83.34	0.0000	P	27.2
2	☐	0.100					
3	☐	1.000	0.956	20857.25	0.0026	P	1.4
4	☐	50.000	48.887	1066356.62	0.1326	P	1.2
5	☐	125.000	124.989	2753743.46	0.3390	A	0.7
6	☐	250.000	246.960	5490869.61	0.6697	A	0.7
7	☐	500.000	484.828	11200850.60	1.3148	A	2.0
8	☐	1000.000	1008.403	22654897.73	2.7346	A	0.8
9	☐			1816.91	0.0002	P	10.0

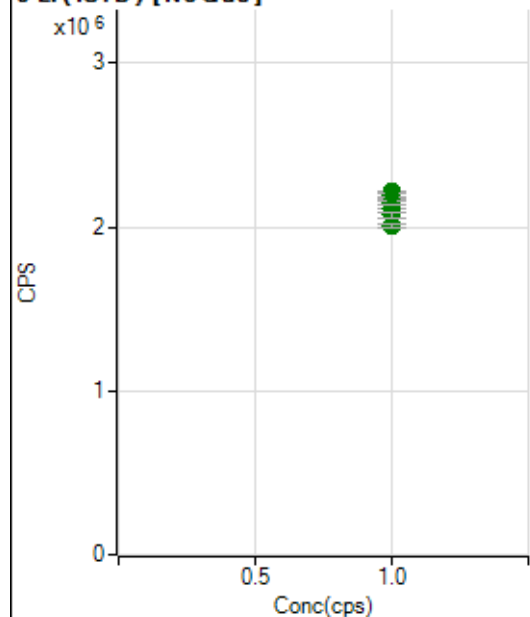
$$y = 0.0027 * x + 1.0995E-005$$

$$R = 0.9998$$

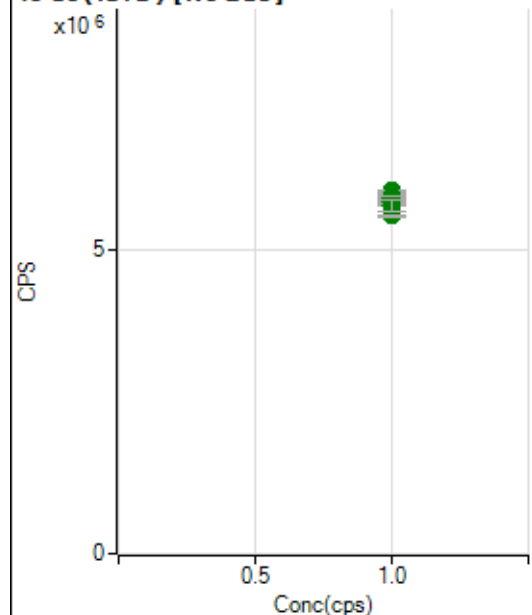
$$DL = 0.003308$$

Weight: <None>

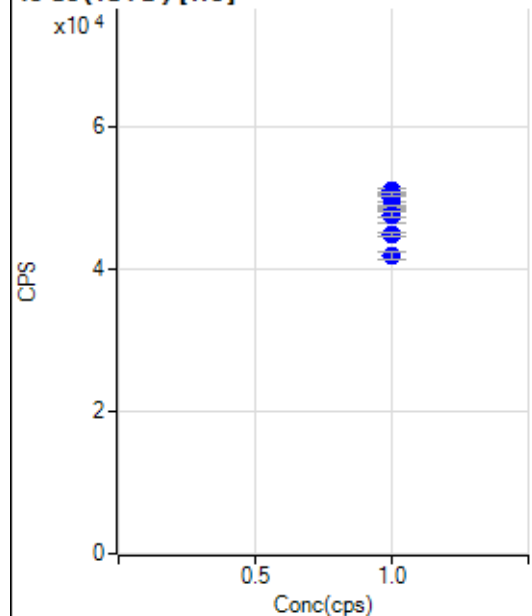
Min Conc: 0

6 Li (ISTD) [No Gas]

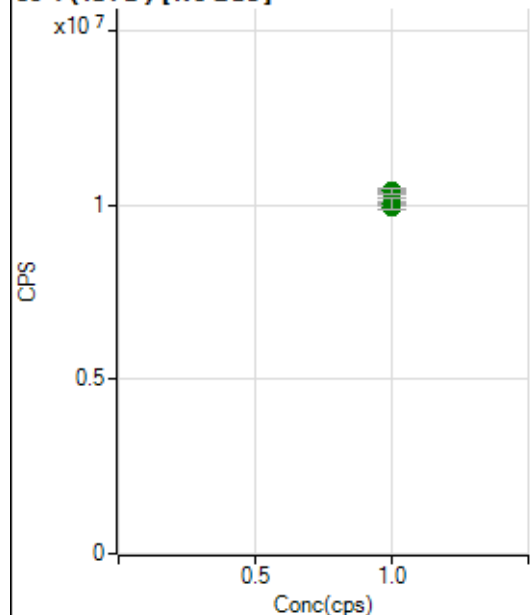
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2135114.95		A	1.7
2	☐	1.000					
3	☐	1.000		2213261.24		A	0.3
4	☐	1.000		2192419.59		A	0.9
5	☐	1.000		2175823.08		A	0.8
6	☐	1.000		2147531.58		A	1.0
7	☐	1.000		2113958.84		A	2.0
8	☐	1.000		2009932.99		A	1.2
9	☐	1.000		2072427.88		A	1.5

45 Sc (ISTD) [No Gas]

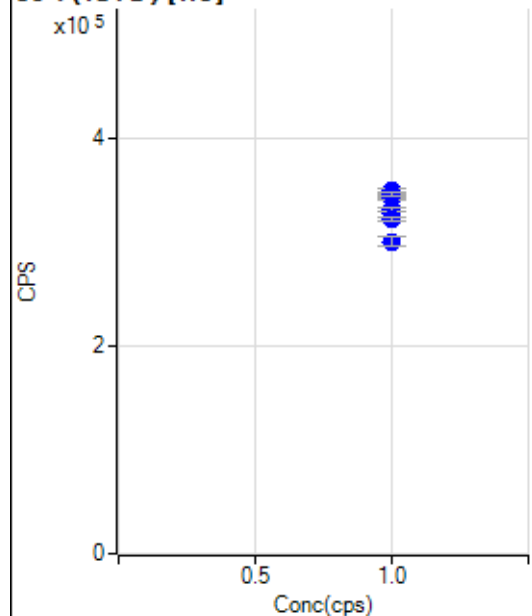
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5758729.56		A	0.6
2	☐	1.000					
3	☐	1.000		5956537.46		A	0.7
4	☐	1.000		5901611.50		A	2.0
5	☐	1.000		5879354.17		A	0.5
6	☐	1.000		5827924.00		A	1.4
7	☐	1.000		5784922.92		A	2.6
8	☐	1.000		5544246.22		A	0.8
9	☐	1.000		5722019.53		A	3.2

45 Sc (ISTD) [He]

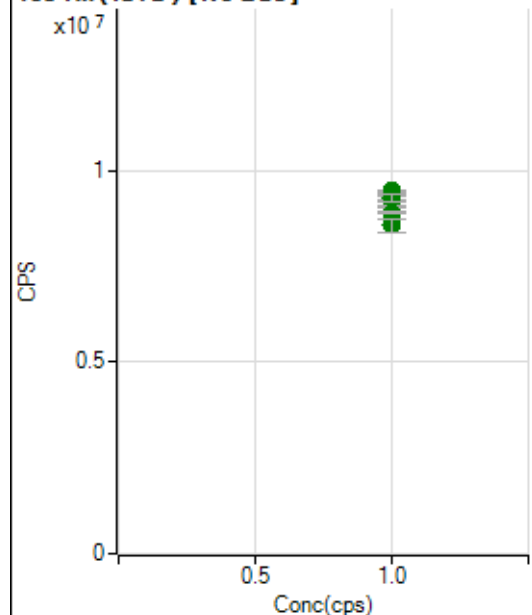
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		47539.43		P	3.8
2	☐	1.000					
3	☐	1.000		51078.29		P	1.2
4	☐	1.000		50035.50		P	2.1
5	☐	1.000		48929.34		P	0.4
6	☐	1.000		47743.23		P	1.4
7	☐	1.000		45013.10		P	1.0
8	☐	1.000		42028.62		P	2.9
9	☐	1.000		50671.12		P	1.0

89 Y (ISTD) [No Gas]

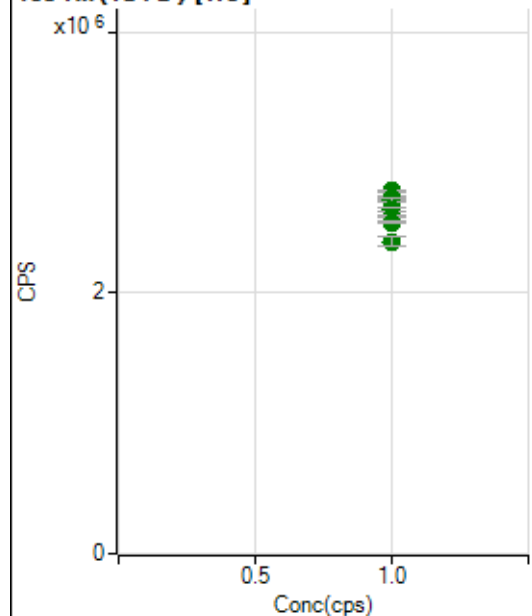
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9953091.87		A	1.0
2	☐	1.000					
3	☐	1.000		10392672.63		A	0.5
4	☐	1.000		10324967.97		A	0.5
5	☐	1.000		10412150.75		A	0.5
6	☐	1.000		10343068.25		A	0.8
7	☐	1.000		10414847.62		A	1.8
8	☐	1.000		10069738.25		A	0.7
9	☐	1.000		10059933.05		A	3.5

89 Y (ISTD) [He]

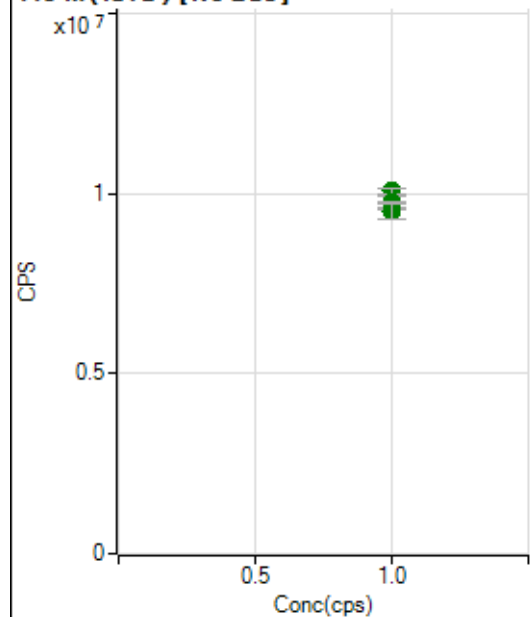
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		326773.69		P	4.4
2	☐	1.000					
3	☐	1.000		349246.08		P	1.3
4	☐	1.000		345073.36		P	1.5
5	☐	1.000		342201.58		P	1.1
6	☐	1.000		331395.90		P	1.0
7	☐	1.000		322217.83		P	0.9
8	☐	1.000		300728.90		P	3.3
9	☐	1.000		345651.62		P	0.8

103 Rh (ISTD) [No Gas]

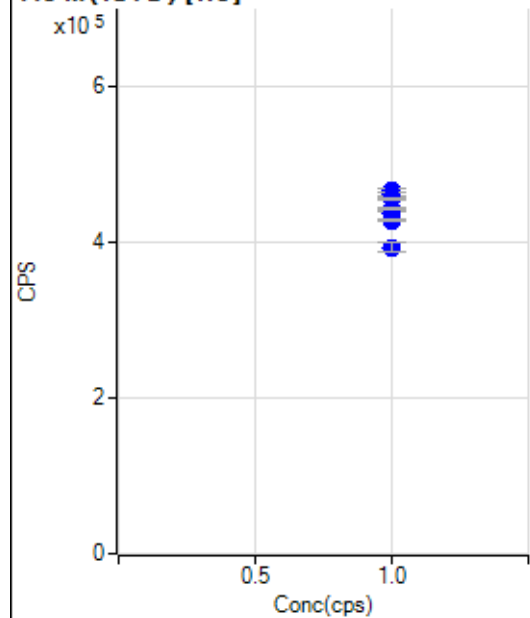
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9058595.69		A	0.8
2	☐	1.000					
3	☐	1.000		9472255.33		A	0.5
4	☐	1.000		9416530.50		A	0.7
5	☐	1.000		9356703.86		A	0.3
6	☐	1.000		9270064.09		A	1.0
7	☐	1.000		9305879.20		A	2.0
8	☐	1.000		8901155.93		A	0.8
9	☐	1.000		8567743.25		A	4.1

103 Rh (ISTD) [He]

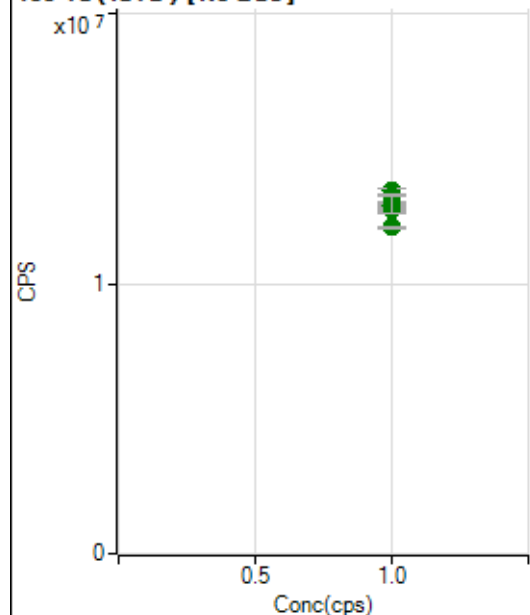
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2604422.37		A	3.9
2	☐	1.000					
3	☐	1.000		2784695.10		A	0.5
4	☐	1.000		2731792.01		A	1.1
5	☐	1.000		2716692.70		A	1.3
6	☐	1.000		2640331.52		A	1.4
7	☐	1.000		2587628.47		A	0.8
8	☐	1.000		2395284.18		A	3.0
9	☐	1.000		2540739.20		A	0.5

115 In (ISTD) [No Gas]

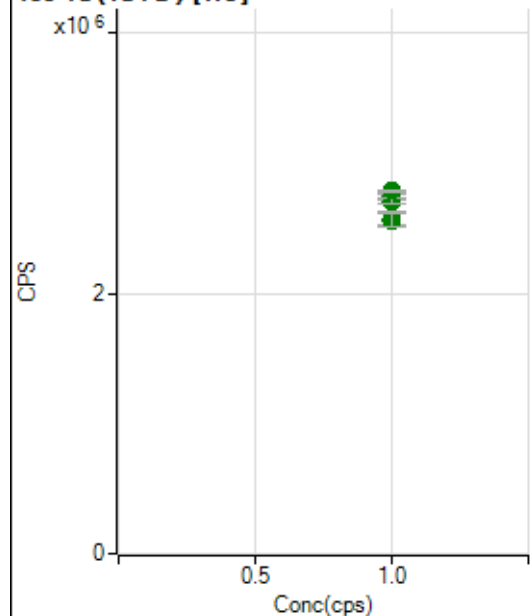
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9599419.53		A	0.3
2	☐	1.000					
3	☐	1.000		9974787.85		A	0.6
4	☐	1.000		9968559.97		A	0.8
5	☐	1.000		9942534.87		A	0.3
6	☐	1.000		9946238.37		A	0.6
7	☐	1.000		10083325.17		A	1.3
8	☐	1.000		9759045.50		A	0.4
9	☐	1.000		9502965.99		A	4.4

115 In (ISTD) [He]

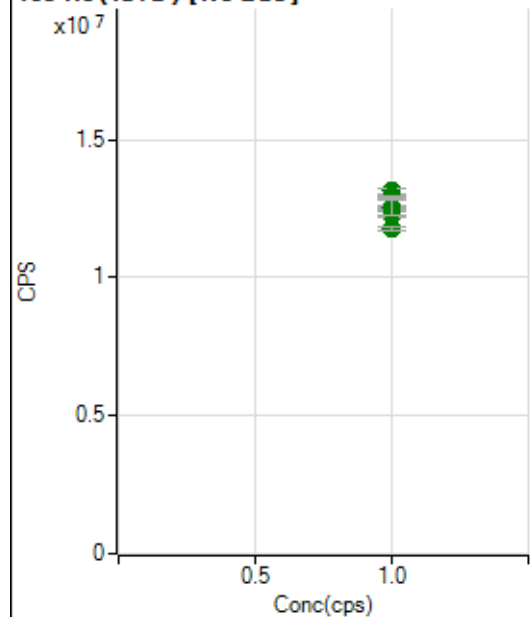
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		435802.88		P	4.2
2	☐	1.000					
3	☐	1.000		465722.94		P	1.2
4	☐	1.000		462224.24		P	1.3
5	☐	1.000		455458.47		P	1.0
6	☐	1.000		442907.25		P	1.1
7	☐	1.000		427633.70		P	0.8
8	☐	1.000		393605.23		P	3.4
9	☐	1.000		442951.65		P	1.0

159 Tb (ISTD) [No Gas]

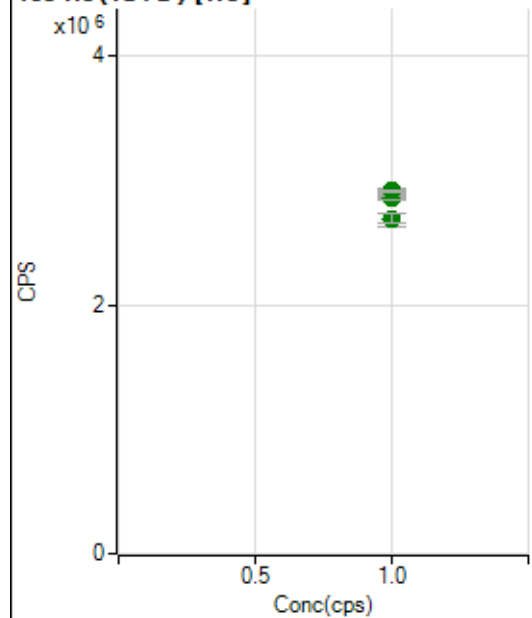
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12102041.90		A	0.7
2	☐	1.000					
3	☐	1.000		12742150.23		A	1.2
4	☐	1.000		12816429.25		A	0.4
5	☐	1.000		12945125.36		A	0.7
6	☐	1.000		13034515.91		A	0.5
7	☐	1.000		13451275.08		A	1.7
8	☐	1.000		13263613.55		A	0.5
9	☐	1.000		12925884.11		A	4.8

159 Tb (ISTD) [He]

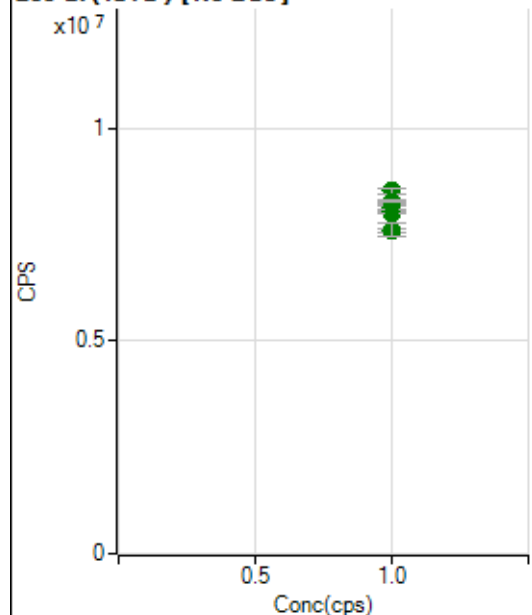
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2574989.92		A	3.9
2	☐	1.000					
3	☐	1.000		2772926.62		A	0.5
4	☐	1.000		2754548.15		A	1.5
5	☐	1.000		2761923.85		A	1.7
6	☐	1.000		2741372.80		A	1.4
7	☐	1.000		2709885.27		A	1.4
8	☐	1.000		2560081.14		A	3.8
9	☐	1.000		2786993.09		A	0.9

165 Ho (ISTD) [No Gas]

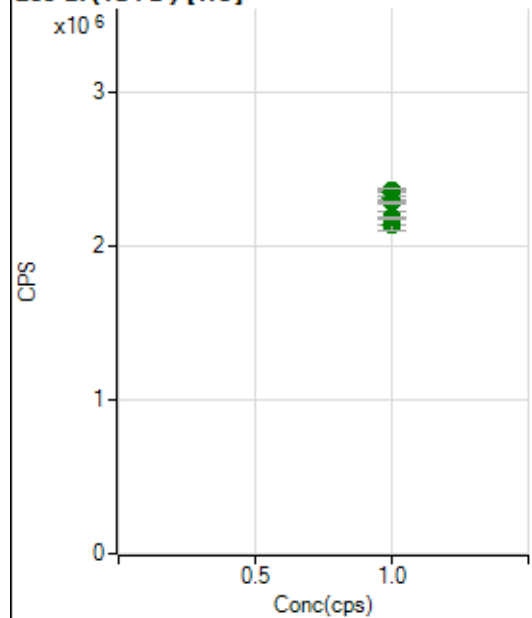
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11802232.64		A	1.3
2	☐	1.000					
3	☐	1.000		12247682.05		A	0.5
4	☐	1.000		12403498.80		A	0.4
5	☐	1.000		12521930.23		A	0.6
6	☐	1.000		12569362.09		A	0.8
7	☐	1.000		13143422.95		A	1.7
8	☐	1.000		12926031.36		A	0.5
9	☐	1.000		12565420.33		A	4.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2684682.01		A	4.2
2	☐	1.000					
3	☐	1.000		2887253.64		A	0.4
4	☐	1.000		2906224.09		A	2.3
5	☐	1.000		2874143.53		A	0.9
6	☐	1.000		2870542.91		A	0.8
7	☐	1.000		2854631.48		A	0.8
8	☐	1.000		2689395.31		A	2.8
9	☐	1.000		2914288.15		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7589427.11		A	0.8
2	☐	1.000					
3	☐	1.000		8010067.52		A	0.5
4	☐	1.000		8043443.49		A	1.0
5	☐	1.000		8124308.35		A	1.0
6	☐	1.000		8198650.36		A	0.8
7	☐	1.000		8521258.83		A	1.8
8	☐	1.000		8284558.35		A	0.3
9	☐	1.000		7600170.86		A	3.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2186116.15		A	3.7
2	☐	1.000					
3	☐	1.000		2362536.60		A	0.9
4	☐	1.000		2349748.97		A	2.2
5	☐	1.000		2352798.47		A	1.8
6	☐	1.000		2318902.55		A	1.4
7	☐	1.000		2288831.96		A	0.6
8	☐	1.000		2142709.29		A	3.3
9	☐	1.000		2189160.50		A	0.8

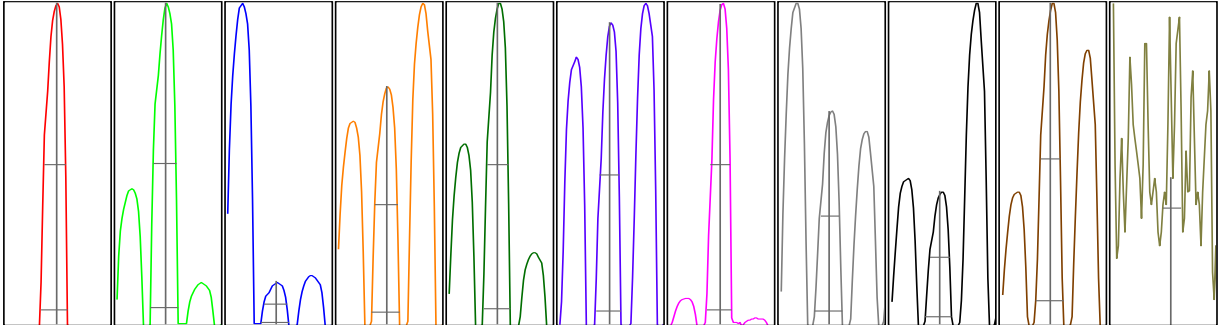
US EPA Tune Check Sample Report

Batch Folder D:\P8070918 MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6885	1.25	5.00	
24	113123	0.77	5.00	
25	15004	0.77	5.00	
26	17479	0.87	5.00	
59	71128	1.23	5.00	
113	9528	0.95	5.00	
115	120969	1.97	5.00	
206	27996	1.87	5.00	
207	25398	2.09	5.00	
208	60546	2.05	5.00	
220	1	28.29		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6865	6803	6958	6811	6992
24	113288	112319	113586	112176	114243
25	14997	14971	15029	14852	15171
26	17537	17497	17458	17242	17662
59	70688	71759	70873	70070	72251
113	9465	9564	9403	9579	9626
115	122023	121527	116737	122131	122428
206	28123	28405	27142	28413	27896
207	25553	25830	24682	25909	25017
208	61032	61555	59377	61710	59058
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11854	9.00	8.9 - 9.1		0.776	0.900	
24	187754	23.95	23.9 - 24.1		0.786	0.900	
25	25013	24.95	24.9 - 25.1		0.786	0.900	
26	29219	25.95	25.9 - 26.1		0.784	0.900	
59	123734	58.95	58.9 - 59.1		0.778	0.900	
113	17973	113.00	112.9 - 113.1		0.729	0.900	
115	226009	115.00	114.9 - 115.1		0.726	0.900	
206	50780	205.95	205.9 - 206.1		0.777	0.900	
207	46231	206.95	206.9 - 207.1		0.743	0.900	
208	111307	207.95	207.9 - 208.1		0.776	0.900	
220	1	220.25	-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	13.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	9436	0.44	
89	9620	0.56	
205	13722	0.39	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	9488	9424	9416	9384	9467
89	9564	9616	9615	9598	9708
205	13718	13667	13735	13685	13803

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	1.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.29	3.00	-0.71	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	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.50	-0.60	0.10	0.00	N/A	ppb
Boron	11-1	-0.18	0.00	0.17	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.65	-0.62	-0.03	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.02	0.05	0.00	N/A	ppb
Calcium	43-1	0.11	-0.40	0.29	0.00	N/A	ppb
Calcium	44-1	1.00	-2.68	1.68	0.00	N/A	ppb
Chromium	52-2	-0.06	0.03	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.04	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	-0.06	0.10	0.00	N/A	ppb
Iron	57-2	-0.27	0.19	0.08	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.96	0.23	0.74	0.00	N/A	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.06	0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.03	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-20.55	63.52	-20.55	7.47	649.44	ppb
Potassium	39-2	-8.27	0.82	7.45	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.59	0.37	0.00	N/A	ppb
Selenium	82-1	0.25	-0.05	-0.19	0.00	N/A	ppb
Silicon	28-1	0.88	-0.32	-0.56	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-3.61	-3.31	6.93	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	81.74	77.62	85.69	81.68	4.94	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.02	0.03	0.00	N/A	ppb
Titanium	47-1	0.04	-0.01	-0.03	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	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.07	0.04	0.00	N/A	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.58	21.28	16.48	20.78	19.61	ppb
Antimony	121-1	1.97	2.13	2.01	2.04	4.17	ppb
Arsenic	75-2	1.18	1.34	1.25	1.26	6.20	ppb
Barium	135-1	10.10	10.09	10.41	10.20	1.78	ppb
Barium	137-1	10.22	10.25	10.27	10.25	0.21	ppb
Beryllium	9-1	1.21	1.03	1.07	1.10	8.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	24.58	22.91	24.89	24.13	4.42	ppb
Boron	11-1	24.36	25.05	23.95	24.45	2.27	ppb
Cadmium	111-1	1.11	1.10	1.07	1.09	2.12	ppb
Cadmium	106-1	1.54	1.42	1.96	1.64	17.30	ppb
Cadmium	108-1	1.08	1.11	0.90	1.03	11.05	ppb
Calcium	43-1	474.65	507.88	470.24	484.26	4.25	ppb
Calcium	44-1	458.96	462.74	459.81	460.50	0.43	ppb
Chromium	52-2	2.09	1.94	1.99	2.01	3.83	ppb
Cobalt	59-2	0.94	0.91	0.96	0.94	2.22	ppb
Copper	63-2	1.85	2.06	1.94	1.95	5.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	50.55	51.88	52.20	51.54	1.70	ppb
Iron	57-2	51.67	44.84	57.27	51.26	12.15	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.02	1.04	1.00	4.98	ppb
Lead	207-1	1.01	0.92	1.00	0.98	5.17	ppb
Lead	208-1	0.99	0.98	0.99	0.99	0.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	485.95	486.49	504.55	492.33	2.15	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	0.95	1.02	0.99	3.35	ppb
Molybdenum	94-1	4.93	4.78	5.02	4.91	2.47	ppb
Molybdenum	95-1	4.70	4.93	4.81	4.81	2.44	ppb
Molybdenum	96-1	4.94	4.92	4.81	4.89	1.44	ppb
Molybdenum	97-1	5.01	4.95	4.85	4.94	1.60	ppb
Molybdenum	98-1	4.96	4.79	5.01	4.92	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.99	1.00	1.00	1.14	ppb
Phosphorus	31-2	18.68	-20.55	-20.55	-7.47		ppb
Potassium	39-2	455.60	486.76	468.02	470.13	3.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	9.78	24.86	20.06	18.23	42.27	ppb
Selenium	78-2	4.86	3.37	6.64	4.96	33.03	ppb
Selenium	82-1	5.04	5.26	5.13	5.15	2.17	ppb
Silicon	28-1	15.33	15.76	15.04	15.38	2.36	ppb
Silver	109-1	1.05	1.08	1.14	1.09	4.26	ppb
Silver	107-1	1.04	1.08	1.13	1.08	4.28	ppb
Sodium	23-2	483.93	486.43	485.25	485.20	0.26	ppb
Strontium	86-1	1.09	1.08	1.01	1.06	4.26	ppb
Strontium	88-1	0.98	1.04	1.03	1.02	2.92	ppb
Sulfur	34-1	-380.52	92.93	42.55	-81.68		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.95	0.97	1.02	0.98	3.69	ppb
Thallium	205-1	1.02	0.98	0.99	1.00	2.27	ppb
Tin	118-1	4.85	5.24	5.07	5.05	3.89	ppb
Titanium	47-1	4.77	5.41	5.16	5.11	6.37	ppb
Uranium	238-1	0.96	0.94	0.97	0.96	1.44	ppb
Vanadium	51-2	5.00	4.70	4.52	4.74	5.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	2.21	2.40	2.24	2.28	4.44	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.91	0.95	0.91	4.81	ppb
Zirconium	91-1	0.74	0.88	0.79	0.81	8.97	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.65	1028.51	872.61	959.26	8.28	ppb
Antimony	121-1	50.61	51.17	51.87	51.22	1.23	ppb
Arsenic	75-2	51.10	50.92	51.30	51.11	0.37	ppb
Barium	135-1	259.13	262.31	264.31	261.92	1.00	ppb
Barium	137-1	258.69	259.51	261.39	259.86	0.53	ppb
Beryllium	9-1	51.90	52.45	52.86	52.41	0.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	44.89	51.37	48.20	48.15	6.73	ppb
Boron	11-1	47.69	50.45	51.11	49.75	3.65	ppb
Cadmium	111-1	52.85	52.48	53.38	52.90	0.86	ppb
Cadmium	106-1	56.98	55.27	54.35	55.53	2.41	ppb
Cadmium	108-1	54.33	51.56	56.11	54.00	4.25	ppb
Calcium	43-1	4774.26	4898.05	4799.28	4823.86	1.36	ppb
Calcium	44-1	4820.18	4954.05	4858.65	4877.62	1.41	ppb
Chromium	52-2	48.76	50.18	48.59	49.18	1.77	ppb
Cobalt	59-2	48.00	49.41	48.34	48.58	1.52	ppb
Copper	63-2	97.23	100.19	97.57	98.33	1.65	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				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	2543.51	2694.42	2577.49	2605.14	3.04	ppb
Iron	57-2	2537.16	2650.83	2575.89	2587.96	2.23	ppb
Krypton	83-1						cps
Lead	206-1	49.18	49.45	50.62	49.75	1.54	ppb
Lead	207-1	48.41	49.01	49.66	49.02	1.28	ppb
Lead	208-1	48.97	49.73	50.32	49.67	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	4994.73	5170.94	5041.40	5069.02	1.80	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.86	98.68	94.22	96.26	2.35	ppb
Molybdenum	94-1	249.87	251.40	252.86	251.38	0.60	ppb
Molybdenum	95-1	248.92	253.77	250.68	251.12	0.98	ppb
Molybdenum	96-1	250.20	253.79	251.27	251.75	0.73	ppb
Molybdenum	97-1	247.69	252.74	250.38	250.27	1.01	ppb
Molybdenum	98-1	249.91	252.04	250.87	250.94	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.42	49.82	49.38	49.21	1.45	ppb
Phosphorus	31-2	1374.87	996.22	1168.65	1179.92	16.07	ppb
Potassium	39-2	2431.50	2582.28	2447.99	2487.26	3.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	39.49	55.78	70.68	55.32	28.20	ppb
Selenium	78-2	44.61	45.06	58.65	49.44	16.14	ppb
Selenium	82-1	49.61	52.02	52.98	51.54	3.37	ppb
Silicon	28-1	57.86	61.99	60.12	59.99	3.45	ppb
Silver	109-1	54.28	54.06	54.69	54.34	0.59	ppb
Silver	107-1	53.66	53.45	54.14	53.75	0.65	ppb
Sodium	23-2	4962.80	5091.72	4923.55	4992.69	1.76	ppb
Strontium	86-1	49.50	50.61	49.72	49.94	1.18	ppb
Strontium	88-1	51.00	51.41	50.51	50.97	0.89	ppb
Sulfur	34-1	931.35	1357.61	1183.04	1157.33	18.52	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	49.20	49.52	50.12	49.62	0.94	ppb
Thallium	205-1	49.53	50.36	51.00	50.30	1.47	ppb
Tin	118-1	51.20	51.34	51.98	51.51	0.81	ppb
Titanium	47-1	248.54	256.72	255.52	253.59	1.74	ppb
Uranium	238-1	48.28	48.99	49.39	48.89	1.15	ppb
Vanadium	51-2	48.90	50.24	48.01	49.05	2.29	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	96.71	105.53	96.31	99.52	5.24	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.27	50.21	50.64	50.04	1.40	ppb
Zirconium	91-1	47.28	49.98	50.45	49.24	3.47	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:38:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2484.81	2572.25	2482.25	2513.10	2.04	ppb
Antimony	121-1	128.47	127.56	131.56	129.20	1.62	ppb
Arsenic	75-2	126.17	127.79	126.05	126.67	0.77	ppb
Barium	135-1	651.76	638.49	649.78	646.68	1.11	ppb
Barium	137-1	662.29	640.84	653.28	652.14	1.65	ppb
Beryllium	9-1	128.40	129.68	129.34	129.14	0.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	116.75	118.79	129.74	121.76	5.73	ppb
Boron	11-1	120.98	121.78	127.00	123.25	2.65	ppb
Cadmium	111-1	133.18	129.84	131.53	131.52	1.27	ppb
Cadmium	106-1	133.71	131.22	131.64	132.19	1.01	ppb
Cadmium	108-1	131.13	134.44	134.21	133.26	1.39	ppb
Calcium	43-1	12155.95	12031.83	11925.10	12037.63	0.96	ppb
Calcium	44-1	12071.34	12006.80	11872.22	11983.45	0.85	ppb
Chromium	52-2	123.50	124.92	122.44	123.62	1.01	ppb
Cobalt	59-2	123.31	121.92	123.04	122.76	0.60	ppb
Copper	63-2	248.44	249.31	247.69	248.48	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	6602.26	6654.45	6536.29	6597.67	0.90	ppb
Iron	57-2	6504.85	6504.01	6472.71	6493.86	0.28	ppb
Krypton	83-1						cps
Lead	206-1	122.98	125.18	121.40	123.19	1.54	ppb
Lead	207-1	121.70	124.14	122.86	122.90	0.99	ppb
Lead	208-1	122.91	125.12	123.29	123.77	0.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	12807.65	12839.17	12725.45	12790.76	0.46	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:38:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.52	251.19	248.07	249.26	0.68	ppb
Molybdenum	94-1	636.79	638.97	637.35	637.70	0.18	ppb
Molybdenum	95-1	639.94	635.99	636.13	637.35	0.35	ppb
Molybdenum	96-1	638.83	639.61	634.78	637.74	0.41	ppb
Molybdenum	97-1	620.23	625.20	630.46	625.29	0.82	ppb
Molybdenum	98-1	634.04	629.69	622.37	628.70	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.47	125.37	125.29	125.37	0.07	ppb
Phosphorus	31-2	2672.45	2478.25	2665.46	2605.39	4.23	ppb
Potassium	39-2	6397.72	6321.16	6298.56	6339.15	0.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	97.35	125.54	140.98	121.29	18.24	ppb
Selenium	78-2	141.96	118.09	98.98	119.68	18.00	ppb
Selenium	82-1	126.48	125.89	126.35	126.24	0.25	ppb
Silicon	28-1	154.55	153.03	151.19	152.92	1.10	ppb
Silver	109-1	134.96	133.15	135.42	134.51	0.89	ppb
Silver	107-1	133.93	132.29	134.66	133.63	0.91	ppb
Sodium	23-2	12627.15	12646.83	12637.95	12637.31	0.08	ppb
Strontium	86-1	124.10	125.01	122.29	123.80	1.12	ppb
Strontium	88-1	128.61	129.77	126.83	128.40	1.16	ppb
Sulfur	34-1	2708.39	2689.11	2393.47	2596.99	6.80	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	123.04	124.96	122.24	123.41	1.13	ppb
Thallium	205-1	126.19	129.08	125.07	126.78	1.63	ppb
Tin	118-1	129.20	127.91	130.48	129.20	0.99	ppb
Titanium	47-1	632.79	631.79	629.45	631.34	0.27	ppb
Uranium	238-1	123.96	125.73	125.28	124.99	0.74	ppb
Vanadium	51-2	124.72	123.73	120.86	123.11	1.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	249.29	249.12	247.11	248.51	0.49	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:38:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.84	125.06	125.95	126.28	1.12	ppb
Zirconium	91-1	125.15	123.51	122.98	123.88	0.91	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4849.37	4831.30	4950.62	4877.10	1.32	ppb
Antimony	121-1	254.45	258.56	260.21	257.74	1.15	ppb
Arsenic	75-2	247.95	248.14	252.69	249.59	1.08	ppb
Barium	135-1	1290.35	1310.01	1306.29	1302.22	0.80	ppb
Barium	137-1	1277.41	1290.90	1302.64	1290.32	0.98	ppb
Beryllium	9-1	260.64	254.38	257.14	257.38	1.22	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	249.34	248.16	253.38	250.29	1.09	ppb
Boron	11-1	242.19	243.64	252.40	246.08	2.24	ppb
Cadmium	111-1	256.95	257.80	259.72	258.16	0.55	ppb
Cadmium	106-1	260.20	262.00	264.27	262.16	0.78	ppb
Cadmium	108-1	263.32	256.35	262.84	260.84	1.49	ppb
Calcium	43-1	24200.90	23591.66	24273.90	24022.15	1.56	ppb
Calcium	44-1	23814.83	23392.63	23876.10	23694.52	1.11	ppb
Chromium	52-2	250.44	241.62	240.62	244.22	2.21	ppb
Cobalt	59-2	247.55	239.78	242.91	243.41	1.60	ppb
Copper	63-2	500.58	480.73	487.43	489.58	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	13171.52	12730.22	12904.52	12935.42	1.72	ppb
Iron	57-2	13230.32	12822.52	12792.30	12948.38	1.89	ppb
Krypton	83-1						cps
Lead	206-1	250.34	247.20	248.26	248.60	0.64	ppb
Lead	207-1	249.20	243.17	246.78	246.38	1.23	ppb
Lead	208-1	251.39	248.58	251.67	250.55	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	25770.93	25038.67	25315.81	25375.13	1.46	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	496.42	480.65	493.20	490.09	1.70	ppb
Molybdenum	94-1	1272.86	1256.70	1268.96	1266.17	0.67	ppb
Molybdenum	95-1	1269.07	1245.04	1264.80	1259.64	1.02	ppb
Molybdenum	96-1	1275.75	1234.90	1264.99	1258.55	1.68	ppb
Molybdenum	97-1	1274.98	1254.71	1277.12	1268.94	0.97	ppb
Molybdenum	98-1	1250.51	1239.43	1267.92	1252.62	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.84	244.39	247.10	248.78	2.18	ppb
Phosphorus	31-2	5735.12	4820.40	4270.39	4941.97	14.97	ppb
Potassium	39-2	12640.30	12197.47	12328.30	12388.69	1.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	298.03	269.01	200.36	255.80	19.61	ppb
Selenium	78-2	230.67	264.81	267.39	254.29	8.06	ppb
Selenium	82-1	255.75	254.36	257.10	255.74	0.53	ppb
Silicon	28-1	273.57	264.67	275.95	271.40	2.19	ppb
Silver	109-1	266.91	264.09	264.63	265.21	0.56	ppb
Silver	107-1	268.43	264.66	268.68	267.25	0.84	ppb
Sodium	23-2	25879.41	24861.61	25234.36	25325.13	2.03	ppb
Strontium	86-1	250.73	246.51	250.50	249.25	0.95	ppb
Strontium	88-1	258.69	248.84	252.81	253.45	1.95	ppb
Sulfur	34-1	5078.65	4894.40	5257.75	5076.94	3.58	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	254.30	249.49	249.43	251.08	1.11	ppb
Thallium	205-1	259.20	251.16	253.79	254.72	1.61	ppb
Tin	118-1	255.71	256.94	258.38	257.01	0.52	ppb
Titanium	47-1	1263.25	1240.19	1266.19	1256.54	1.13	ppb
Uranium	238-1	246.03	245.89	248.96	246.96	0.70	ppb
Vanadium	51-2	248.64	241.87	243.43	244.64	1.45	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	499.59	488.22	490.22	492.68	1.23	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	257.61	252.43	256.80	255.61	1.09	ppb
Zirconium	91-1	250.23	245.61	250.41	248.75	1.09	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9615.48	9744.32	9667.03	9675.61	0.67	ppb
Antimony	121-1	500.30	493.31	510.98	501.53	1.77	ppb
Arsenic	75-2	490.25	501.68	490.86	494.26	1.30	ppb
Barium	135-1	2496.40	2475.04	2539.06	2503.50	1.30	ppb
Barium	137-1	2471.73	2417.64	2540.99	2476.79	2.50	ppb
Beryllium	9-1	511.05	484.66	502.90	499.54	2.71	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	482.24	481.84	505.24	489.78	2.74	ppb
Boron	11-1	486.70	476.84	500.50	488.01	2.44	ppb
Cadmium	111-1	498.81	489.38	506.82	498.34	1.75	ppb
Cadmium	106-1	512.99	492.41	505.97	503.79	2.08	ppb
Cadmium	108-1	508.23	490.93	513.06	504.07	2.31	ppb
Calcium	43-1	47811.81	46026.42	47797.73	47211.99	2.17	ppb
Calcium	44-1	47729.14	45373.67	46984.08	46695.63	2.58	ppb
Chromium	52-2	492.22	499.01	494.62	495.28	0.69	ppb
Cobalt	59-2	489.90	495.81	493.32	493.01	0.60	ppb
Copper	63-2	985.37	996.79	994.01	992.06	0.60	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				111		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	25839.79	26172.88	26282.61	26098.43	0.88	ppb
Iron	57-2	25827.08	26416.32	26112.78	26118.73	1.13	ppb
Krypton	83-1						cps
Lead	206-1	499.19	483.51	500.63	494.44	1.92	ppb
Lead	207-1	495.54	486.81	493.28	491.88	0.92	ppb
Lead	208-1	495.47	485.65	499.82	493.65	1.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	52274.60	51798.39	51300.66	51791.22	0.94	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.04	995.39	993.21	991.21	0.55	ppb
Molybdenum	94-1	2503.74	2408.83	2458.09	2456.89	1.93	ppb
Molybdenum	95-1	2484.14	2409.77	2479.50	2457.80	1.70	ppb
Molybdenum	96-1	2489.79	2409.59	2454.86	2451.41	1.64	ppb
Molybdenum	97-1	2510.24	2435.09	2487.98	2477.77	1.56	ppb
Molybdenum	98-1	2457.37	2402.89	2456.07	2438.78	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.14	501.31	495.24	497.56	0.66	ppb
Phosphorus	31-2	10324.15	10798.54	9606.39	10243.03	5.86	ppb
Potassium	39-2	24548.45	24853.32	24611.02	24670.93	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	491.32	543.08	604.51	546.30	10.37	ppb
Selenium	78-2	544.00	567.18	491.58	534.25	7.25	ppb
Selenium	82-1	508.11	487.48	507.56	501.05	2.35	ppb
Silicon	28-1	537.03	503.58	533.14	524.58	3.49	ppb
Silver	109-1	509.13	493.23	514.37	505.58	2.18	ppb
Silver	107-1	506.87	491.79	514.60	504.42	2.30	ppb
Sodium	23-2	50367.63	51116.14	50417.24	50633.67	0.83	ppb
Strontium	86-1	497.68	477.49	495.13	490.10	2.24	ppb
Strontium	88-1	502.38	482.67	497.81	494.29	2.09	ppb
Sulfur	34-1	10138.20	8745.94	9786.00	9556.71	7.57	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	496.98	484.19	497.55	492.90	1.53	ppb
Thallium	205-1	491.69	478.99	493.62	488.10	1.63	ppb
Tin	118-1	498.60	485.07	508.95	497.54	2.41	ppb
Titanium	47-1	2535.97	2440.87	2539.12	2505.32	2.23	ppb
Uranium	238-1	492.37	473.73	488.39	484.83	2.03	ppb
Vanadium	51-2	488.75	499.63	493.10	493.83	1.11	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	997.35	1014.52	1009.36	1007.08	0.87	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.17	483.37	494.37	490.97	1.34	ppb
Zirconium	91-1	496.68	479.38	495.30	490.45	1.96	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19606.76	20401.26	19849.02	19952.35	2.04	ppb
Antimony	121-1	996.80	1006.07	987.27	996.71	0.94	ppb
Arsenic	75-2	982.08	1045.99	980.05	1002.71	3.74	ppb
Barium	135-1	4990.11	5013.23	4942.33	4981.89	0.73	ppb
Barium	137-1	5015.99	5028.42	4948.51	4997.64	0.86	ppb
Beryllium	9-1	1003.33	1004.22	985.70	997.75	1.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				98		%
Boron	10-1	982.12	1017.28	1017.28	1005.56	2.02	ppb
Boron	11-1	993.09	1020.93	1007.64	1007.22	1.38	ppb
Cadmium	111-1	998.51	1003.86	991.14	997.83	0.64	ppb
Cadmium	106-1	989.24	1000.77	991.65	993.89	0.61	ppb
Cadmium	108-1	991.28	999.53	991.25	994.02	0.48	ppb
Calcium	43-1	97280.87	97353.12	96191.59	96941.86	0.67	ppb
Calcium	44-1	94253.81	95311.80	94116.88	94560.83	0.69	ppb
Chromium	52-2	992.33	1025.16	994.56	1004.01	1.83	ppb
Cobalt	59-2	990.68	1028.66	997.14	1005.49	2.02	ppb
Copper	63-2	1975.04	2051.26	1994.24	2006.85	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	56-2	52355.79	53943.95	52704.42	53001.39	1.57	ppb
Iron	57-2	51860.57	53756.76	52752.28	52789.87	1.80	ppb
Krypton	83-1						cps
Lead	206-1	1010.47	1004.87	994.76	1003.37	0.79	ppb
Lead	207-1	1007.68	1009.15	999.01	1005.28	0.55	ppb
Lead	208-1	1006.66	1004.87	998.09	1003.21	0.45	ppb
Lithium	6-1				94		%
Magnesium	24-2	103075.16	106268.55	104240.17	104527.96	1.55	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1979.75	2052.27	1989.44	2007.15	1.96	ppb
Molybdenum	94-1	5004.59	5044.77	4998.22	5015.86	0.50	ppb
Molybdenum	95-1	5016.50	5062.61	4972.16	5017.09	0.90	ppb
Molybdenum	96-1	5010.24	5074.29	4976.90	5020.48	0.99	ppb
Molybdenum	97-1	5001.45	5038.97	4978.57	5006.33	0.61	ppb
Molybdenum	98-1	5020.10	5093.29	4974.95	5029.45	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.88	1023.08	993.59	1001.52	1.89	ppb
Phosphorus	31-2	18402.04	21036.73	20173.72	19870.83	6.76	ppb
Potassium	39-2	48843.66	50764.32	49733.23	49780.41	1.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	949.69	1021.94	954.96	975.53	4.13	ppb
Selenium	78-2	982.05	1027.52	937.92	982.50	4.56	ppb
Selenium	82-1	991.92	1009.35	992.16	997.81	1.00	ppb
Silicon	28-1	986.91	979.64	968.39	978.32	0.95	ppb
Silver	109-1	987.66	1000.22	988.13	992.00	0.72	ppb
Silver	107-1	995.52	1002.43	978.69	992.21	1.23	ppb
Sodium	23-2	100857.69	103405.87	102550.16	102271.24	1.27	ppb
Strontium	86-1	998.29	1018.41	999.18	1005.29	1.13	ppb
Strontium	88-1	997.90	1005.30	1001.36	1001.52	0.37	ppb
Sulfur	34-1	20265.27	20348.22	19933.77	20182.42	1.09	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	1008.43	999.56	1002.50	1003.50	0.45	ppb
Thallium	205-1	1002.98	1001.37	1009.26	1004.53	0.41	ppb
Tin	118-1	999.47	1007.87	989.29	998.88	0.93	ppb
Titanium	47-1	4992.77	5042.71	4948.71	4994.73	0.94	ppb
Uranium	238-1	1015.61	1009.78	999.82	1008.40	0.79	ppb
Vanadium	51-2	991.99	1024.54	997.61	1004.71	1.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	1963.79	2034.95	1996.77	1998.50	1.78	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	993.25	1010.64	1004.96	1002.95	0.88	ppb
Zirconium	91-1	1004.24	1010.77	1000.78	1005.27	0.50	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98514.46	101153.93	100476.19	100048.19	1.37	ppb
Antimony	121-1	2.95	2.76	3.07	2.93	5.28	ppb
Arsenic	75-2	1.48	1.73	2.03	1.74	15.86	ppb
Barium	135-1	0.87	0.73	0.81	0.80	8.47	ppb
Barium	137-1	0.75	0.86	0.73	0.78	9.53	ppb
Beryllium	9-1	0.26	0.33	0.25	0.28	14.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	51.61	44.58	41.51	45.90	11.28	ppb
Boron	11-1	47.18	43.35	41.72	44.09	6.36	ppb
Cadmium	111-1	0.28	0.32	0.37	0.32	12.89	ppb
Cadmium	106-1	2.04	1.46	1.63	1.71	17.51	ppb
Cadmium	108-1	0.36	0.33	0.15	0.28	39.71	ppb
Calcium	43-1	488765.75	490980.31	523111.92	500952.66	3.84	ppb
Calcium	44-1	492417.62	488633.73	523441.82	501497.72	3.81	ppb
Chromium	52-2	36.57	36.63	36.24	36.48	0.57	ppb
Cobalt	59-2	11.26	11.47	11.31	11.35	0.96	ppb
Copper	63-2	3.00	3.23	2.99	3.08	4.33	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				109		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	248180.94	252052.81	247541.35	249258.37	0.98	ppb
Iron	57-2	248399.13	252643.72	246859.42	249300.76	1.20	ppb
Krypton	83-1						cps
Lead	206-1	5.99	5.94	6.25	6.06	2.78	ppb
Lead	207-1	5.36	5.54	5.46	5.45	1.72	ppb
Lead	208-1	5.64	5.67	5.92	5.74	2.72	ppb
Lithium	6-1				97		%
Magnesium	24-2	492932.85	505276.78	498456.10	498888.58	1.24	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.51	8.49	8.91	8.64	2.78	ppb
Molybdenum	94-1	7.00	6.59	7.16	6.91	4.23	ppb
Molybdenum	95-1	9.44	9.19	9.67	9.43	2.55	ppb
Molybdenum	96-1	9.52	8.76	9.75	9.34	5.53	ppb
Molybdenum	97-1	9.44	9.23	10.09	9.59	4.68	ppb
Molybdenum	98-1	9.50	9.17	9.61	9.42	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.95	30.59	30.00	30.18	1.17	ppb
Phosphorus	31-2	-0.55	-20.55	-20.55	-13.88		ppb
Potassium	39-2	248433.70	253463.14	248344.21	250080.35	1.17	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	9.96	3.32	173.21	ppb
Selenium	78-2	-0.61	1.79	-1.42	-0.08		ppb
Selenium	82-1	0.36	-0.22	0.58	0.24	170.66	ppb
Silicon	28-1	14.18	15.32	22.26	17.25	25.37	ppb
Silver	109-1	0.16	0.12	0.11	0.13	17.79	ppb
Silver	107-1	0.12	0.13	0.14	0.13	8.48	ppb
Sodium	23-2	492155.05	505096.16	501137.15	499462.78	1.33	ppb
Strontium	86-1	4.39	4.38	4.80	4.52	5.29	ppb
Strontium	88-1	4.53	4.55	4.87	4.65	4.20	ppb
Sulfur	34-1	-1016.65	-1129.54	-337.01	-827.73		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.62	0.56	0.62	0.60	5.64	ppb
Thallium	205-1	0.62	0.59	0.57	0.60	4.23	ppb
Tin	118-1	2.36	2.25	2.44	2.35	4.05	ppb
Titanium	47-1	2.62	2.77	2.44	2.61	6.29	ppb
Uranium	238-1	0.09	0.09	0.07	0.08	10.49	ppb
Vanadium	51-2	0.34	0.24	0.28	0.28	17.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	13.67	12.22	11.77	12.55	7.92	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.19	0.23	0.21	10.39	ppb
Zirconium	91-1	0.18	0.17	0.23	0.19	17.69	ppb

LB Number : LB96506 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-07-09 12:11:51 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.77	438.64	480.33	463.25	4.71	ppb
Antimony	121-1	197.36	200.31	210.52	202.73	3.41	ppb
Arsenic	75-2	192.34	198.18	192.41	194.31	1.73	ppb
Barium	135-1	100.76	100.31	107.17	102.75	3.74	ppb
Barium	137-1	100.55	101.63	107.18	103.12	3.45	ppb
Beryllium	9-1	99.75	99.63	106.52	101.97	3.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	506.19	523.55	556.48	528.74	4.83	ppb
Boron	11-1	513.67	526.92	563.06	534.55	4.78	ppb
Cadmium	111-1	104.85	104.56	110.11	106.51	2.93	ppb
Cadmium	106-1	133.98	130.96	140.29	135.08	3.52	ppb
Cadmium	108-1	118.80	114.92	123.54	119.09	3.63	ppb
Calcium	43-1	1992.53	1997.41	2181.39	2057.11	5.23	ppb
Calcium	44-1	1940.54	1918.99	2038.19	1965.91	3.23	ppb
Chromium	52-2	93.06	93.43	93.42	93.30	0.23	ppb
Cobalt	59-2	93.51	94.87	94.16	94.18	0.72	ppb
Copper	63-2	95.37	96.30	95.21	95.63	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	1009.34	1021.84	1013.83	1015.00	0.62	ppb
Iron	57-2	1005.04	1039.44	992.77	1012.41	2.39	ppb
Krypton	83-1						cps
Lead	206-1	195.80	194.82	205.35	198.66	2.93	ppb
Lead	207-1	185.89	186.02	196.99	189.63	3.36	ppb
Lead	208-1	194.04	192.94	204.77	197.25	3.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	1194.21	1187.55	1193.46	1191.74	0.31	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:11:51	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.43	95.63	94.93	95.00	0.63	ppb
Molybdenum	94-1	779.98	785.32	837.75	801.02	3.99	ppb
Molybdenum	95-1	521.15	520.79	551.05	531.00	3.27	ppb
Molybdenum	96-1	547.69	555.53	590.53	564.59	4.04	ppb
Molybdenum	97-1	504.51	507.72	539.65	517.29	3.76	ppb
Molybdenum	98-1	511.06	518.45	548.58	526.03	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.05	95.76	95.40	95.74	0.34	ppb
Phosphorus	31-2	-0.41	-20.55	-20.55	-13.84		ppb
Potassium	39-2	2016.82	2070.70	2008.25	2031.92	1.67	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	186.98	135.88	182.45	168.44	16.79	ppb
Selenium	78-2	203.39	210.64	195.02	203.02	3.85	ppb
Selenium	82-1	198.83	200.41	213.19	204.14	3.86	ppb
Silicon	28-1	-0.93	-1.82	3.30	0.18	1494.63	ppb
Silver	109-1	103.91	103.68	108.86	105.49	2.78	ppb
Silver	107-1	102.21	102.59	108.20	104.33	3.22	ppb
Sodium	23-2	2024.90	2020.82	2025.97	2023.90	0.13	ppb
Strontium	86-1	269.03	273.22	286.32	276.19	3.27	ppb
Strontium	88-1	274.47	275.38	294.52	281.46	4.02	ppb
Sulfur	34-1	-806.61	-884.24	-94.49	-595.11		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	198.70	196.75	207.79	201.08	2.93	ppb
Thallium	205-1	201.76	204.22	214.67	206.88	3.31	ppb
Tin	118-1	286.92	284.65	305.26	292.28	3.87	ppb
Titanium	47-1	276.69	276.99	291.24	281.64	2.95	ppb
Uranium	238-1	264.03	263.79	282.23	270.02	3.92	ppb
Vanadium	51-2	94.55	95.56	94.18	94.76	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	195.68	198.87	193.45	196.00	1.39	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:11:51	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	274.79	279.45	297.54	283.92	4.23	ppb
Zirconium	91-1	268.78	270.21	288.07	275.69	3.90	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.13	-2.47	5.62	0.68	641.27	ppb
Antimony	121-1	0.57	0.56	0.57	0.57	0.87	ppb
Arsenic	75-2	0.16	0.07	0.12	0.12	41.39	ppb
Barium	135-1	0.02	0.04	-0.01	0.02	133.54	ppb
Barium	137-1	-0.02	0.02	0.00	0.00	2909.65	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	16.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	28.26	27.29	26.44	27.33	3.33	ppb
Boron	11-1	29.85	26.92	25.77	27.51	7.64	ppb
Cadmium	111-1	0.02	0.02	0.09	0.04	88.96	ppb
Cadmium	106-1	0.18	0.07	1.02	0.43	122.05	ppb
Cadmium	108-1	0.04	-0.06	0.08	0.02	383.39	ppb
Calcium	43-1	4.49	8.12	5.75	6.12	30.13	ppb
Calcium	44-1	5.61	3.41	3.83	4.29	27.27	ppb
Chromium	52-2	-0.14	-0.12	-0.06	-0.11		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	124.64	ppb
Copper	63-2	-0.03	-0.01	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.68	0.72	0.88	0.76	14.34	ppb
Iron	57-2	-0.82	-4.33	-1.44	-2.20		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.06	0.06	24.66	ppb
Lead	207-1	0.05	0.04	0.05	0.05	15.08	ppb
Lead	208-1	0.04	0.04	0.05	0.04	14.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.50	0.09	1.05	1.22	99.82	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.02	-0.10	-0.08		ppb
Molybdenum	94-1	0.77	0.81	0.69	0.76	8.26	ppb
Molybdenum	95-1	0.42	0.34	0.36	0.37	11.53	ppb
Molybdenum	96-1	0.42	0.43	0.36	0.41	9.14	ppb
Molybdenum	97-1	0.42	0.39	0.33	0.38	13.12	ppb
Molybdenum	98-1	0.42	0.41	0.37	0.40	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00		ppb
Phosphorus	31-2	-0.49	-1.18	-20.55	-7.41		ppb
Potassium	39-2	16.05	-1.47	40.23	18.27	114.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	4.96	0.00	0.00	1.65	173.21	ppb
Selenium	78-2	0.17	-1.42	-1.42	-0.89		ppb
Selenium	82-1	-0.47	-0.56	-0.32	-0.45		ppb
Silicon	28-1	-3.57	-2.57	-3.78	-3.31		ppb
Silver	109-1	0.02	0.01	0.01	0.01	26.46	ppb
Silver	107-1	0.00	0.01	0.01	0.01	53.94	ppb
Sodium	23-2	31.97	25.50	42.71	33.39	26.04	ppb
Strontium	86-1	0.05	0.02	0.05	0.04	42.32	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.17	ppb
Sulfur	34-1	-796.22	-676.00	-754.00	-742.07		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.11	0.09	0.10	12.13	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	5.57	ppb
Tin	118-1	-0.03	-0.06	-0.07	-0.05		ppb
Titanium	47-1	0.10	0.05	0.11	0.09	42.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	47.03	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	256.11	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.16	-0.10	0.12	-0.05		ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.32	0.31	0.32	3.60	ppb
Zirconium	91-1	0.32	0.32	0.31	0.32	2.17	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91272.37	88214.61	89516.79	89667.92	1.71	ppb
Antimony	121-1	1.48	1.36	1.42	1.42	4.24	ppb
Arsenic	75-2	0.17	0.20	0.35	0.24	39.62	ppb
Barium	135-1	1.74	1.48	1.56	1.59	8.61	ppb
Barium	137-1	1.50	1.43	1.54	1.49	3.52	ppb
Beryllium	9-1	0.31	0.34	0.40	0.35	12.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	23.54	21.10	19.73	21.46	8.99	ppb
Boron	11-1	22.83	22.26	20.81	21.96	4.72	ppb
Cadmium	111-1	0.66	0.16	0.40	0.41	60.63	ppb
Cadmium	106-1	1.83	-1.53	0.76	0.35	483.95	ppb
Cadmium	108-1	8.03	9.94	9.48	9.15	10.86	ppb
Calcium	43-1	93577.64	93284.36	92484.30	93115.43	0.61	ppb
Calcium	44-1	92220.85	92295.64	90578.33	91698.27	1.06	ppb
Chromium	52-2	19.04	18.11	18.89	18.68	2.66	ppb
Cobalt	59-2	1.01	1.02	1.09	1.04	4.50	ppb
Copper	63-2	7.01	7.02	7.34	7.12	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	100521.90	98524.54	100086.87	99711.10	1.05	ppb
Iron	57-2	100927.73	99297.49	99158.95	99794.72	0.99	ppb
Krypton	83-1						cps
Lead	206-1	4.94	4.94	4.82	4.90	1.42	ppb
Lead	207-1	4.34	4.35	4.12	4.27	3.02	ppb
Lead	208-1	4.63	4.62	4.46	4.57	2.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	98450.59	96686.68	98433.61	97856.96	1.04	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.82	7.24	8.07	7.71	5.52	ppb
Molybdenum	94-1	1357.62	1353.95	1343.52	1351.70	0.54	ppb
Molybdenum	95-1	1936.72	1934.69	1906.53	1925.98	0.88	ppb
Molybdenum	96-1	1849.23	1843.30	1815.96	1836.16	0.97	ppb
Molybdenum	97-1	1941.26	1940.27	1934.53	1938.69	0.19	ppb
Molybdenum	98-1	1933.48	1914.36	1896.53	1914.79	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.18	5.14	5.12	1.41	ppb
Phosphorus	31-2	98264.58	95414.68	98120.08	97266.45	1.65	ppb
Potassium	39-2	101302.21	98968.50	100934.74	100401.82	1.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	5.12	0.00	5.15	3.42	86.60	ppb
Selenium	78-2	0.22	0.18	1.06	0.49	102.15	ppb
Selenium	82-1	-0.32	-0.42	0.24	-0.17		ppb
Silicon	28-1	31.94	36.77	30.58	33.10	9.83	ppb
Silver	109-1	0.06	0.09	0.08	0.08	16.11	ppb
Silver	107-1	0.05	0.08	0.07	0.07	24.71	ppb
Sodium	23-2	99667.60	98328.02	99711.98	99235.87	0.79	ppb
Strontium	86-1	33.29	32.70	32.83	32.94	0.94	ppb
Strontium	88-1	33.68	33.58	32.93	33.40	1.21	ppb
Sulfur	34-1	83792.03	83150.88	80701.02	82547.98	1.98	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.19	0.19	0.22	0.20	10.63	ppb
Thallium	205-1	0.17	0.20	0.18	0.18	7.47	ppb
Tin	118-1	-0.04	-0.07	-0.12	-0.08		ppb
Titanium	47-1	2020.22	1999.36	1968.27	1995.95	1.31	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.46	ppb
Vanadium	51-2	0.18	0.13	0.12	0.15	20.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	10.42	10.61	10.91	10.65	2.31	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.34	1.02	0.84	1.07	23.51	ppb
Zirconium	91-1	1.30	1.07	1.00	1.13	14.14	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88963.63	89387.12	88224.95	88858.57	0.66	ppb
Antimony	121-1	22.05	21.66	21.43	21.71	1.45	ppb
Arsenic	75-2	20.25	19.40	19.86	19.84	2.13	ppb
Barium	135-1	22.17	22.23	21.67	22.02	1.39	ppb
Barium	137-1	22.16	21.88	22.17	22.07	0.77	ppb
Beryllium	9-1	21.29	20.38	20.64	20.77	2.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	75.37	67.20	70.70	71.09	5.76	ppb
Boron	11-1	70.68	70.12	70.19	70.33	0.43	ppb
Cadmium	111-1	21.32	20.36	20.94	20.87	2.33	ppb
Cadmium	106-1	26.43	24.31	24.76	25.17	4.44	ppb
Cadmium	108-1	29.17	31.43	29.80	30.14	3.88	ppb
Calcium	43-1	95792.77	92854.10	94127.72	94258.20	1.56	ppb
Calcium	44-1	94359.48	92181.86	92445.23	92995.52	1.28	ppb
Chromium	52-2	39.06	38.42	38.28	38.59	1.07	ppb
Cobalt	59-2	19.90	19.91	19.76	19.86	0.42	ppb
Copper	63-2	26.43	25.78	25.59	25.94	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	98250.62	99437.11	98393.82	98693.85	0.66	ppb
Iron	57-2	99023.25	99368.69	98304.88	98898.94	0.55	ppb
Krypton	83-1						cps
Lead	206-1	25.30	24.98	25.33	25.20	0.77	ppb
Lead	207-1	23.19	23.34	23.04	23.19	0.64	ppb
Lead	208-1	24.27	23.94	23.98	24.06	0.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	96631.85	97026.84	96248.14	96635.61	0.40	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.21	27.19	25.73	26.38	2.83	ppb
Molybdenum	94-1	1493.38	1456.25	1469.83	1473.15	1.28	ppb
Molybdenum	95-1	2036.10	1946.00	1986.20	1989.43	2.27	ppb
Molybdenum	96-1	1953.68	1886.48	1921.01	1920.39	1.75	ppb
Molybdenum	97-1	2037.27	1951.48	2002.53	1997.09	2.16	ppb
Molybdenum	98-1	2004.94	1948.35	1986.42	1979.90	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.22	24.71	24.59	24.51	1.02	ppb
Phosphorus	31-2	95393.45	97531.40	96742.18	96555.68	1.12	ppb
Potassium	39-2	99696.42	100964.09	98148.31	99602.94	1.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	15.04	20.31	45.37	26.91	60.23	ppb
Selenium	78-2	20.34	23.09	17.22	20.22	14.52	ppb
Selenium	82-1	19.63	17.89	19.33	18.95	4.90	ppb
Silicon	28-1	102.12	96.28	94.28	97.56	4.18	ppb
Silver	109-1	19.92	19.42	19.58	19.64	1.28	ppb
Silver	107-1	19.75	19.62	19.59	19.66	0.43	ppb
Sodium	23-2	98158.78	98969.93	97468.40	98199.04	0.77	ppb
Strontium	86-1	85.58	83.50	84.63	84.57	1.24	ppb
Strontium	88-1	89.65	87.29	86.91	87.95	1.69	ppb
Sulfur	34-1	85085.29	82545.64	81319.62	82983.52	2.31	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	20.73	20.42	20.52	20.56	0.78	ppb
Thallium	205-1	20.89	20.68	20.70	20.76	0.53	ppb
Tin	118-1	54.19	52.81	53.43	53.48	1.30	ppb
Titanium	47-1	2126.90	2063.53	2065.78	2085.40	1.72	ppb
Uranium	238-1	53.50	52.73	52.56	52.93	0.94	ppb
Vanadium	51-2	19.21	19.08	18.34	18.87	2.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	29.13	31.54	27.78	29.49	6.46	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.04	51.91	52.50	52.48	1.08	ppb
Zirconium	91-1	53.03	50.55	52.19	51.93	2.43	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48676.98	49473.44	49914.18	49354.86	1.27	ppb
Antimony	121-1	510.18	525.04	511.32	515.51	1.60	ppb
Arsenic	75-2	489.42	496.89	507.18	497.83	1.79	ppb
Barium	135-1	2574.13	2658.81	2574.59	2602.51	1.87	ppb
Barium	137-1	2548.85	2614.67	2526.60	2563.37	1.79	ppb
Beryllium	9-1	521.43	519.53	511.73	517.57	0.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	515.18	529.35	527.57	524.03	1.47	ppb
Boron	11-1	517.30	522.44	526.94	522.23	0.92	ppb
Cadmium	111-1	499.55	512.22	497.86	503.21	1.56	ppb
Cadmium	106-1	506.62	535.48	514.07	518.73	2.89	ppb
Cadmium	108-1	499.52	514.61	502.48	505.54	1.58	ppb
Calcium	43-1	236805.92	242659.87	230349.27	236605.02	2.60	ppb
Calcium	44-1	236075.47	241043.69	233316.44	236811.87	1.65	ppb
Chromium	52-2	488.78	499.08	501.23	496.37	1.34	ppb
Cobalt	59-2	458.01	469.49	473.41	466.97	1.71	ppb
Copper	63-2	892.45	911.95	915.19	906.53	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	124078.36	125470.25	128261.87	125936.83	1.69	ppb
Iron	57-2	124708.89	128575.03	128926.24	127403.39	1.84	ppb
Krypton	83-1						cps
Lead	206-1	518.84	523.23	513.92	518.66	0.90	ppb
Lead	207-1	516.47	531.35	512.40	520.07	1.92	ppb
Lead	208-1	520.31	523.29	513.95	519.18	0.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	243410.92	249592.40	252929.92	248644.41	1.94	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	953.52	976.26	983.17	970.98	1.60	ppb
Molybdenum	94-1	2540.32	2567.73	2502.64	2536.90	1.29	ppb
Molybdenum	95-1	2520.79	2592.40	2474.16	2529.12	2.35	ppb
Molybdenum	96-1	2510.15	2590.74	2473.07	2524.65	2.38	ppb
Molybdenum	97-1	2502.19	2578.09	2508.07	2529.45	1.67	ppb
Molybdenum	98-1	2518.01	2562.44	2471.94	2517.46	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.24	475.07	477.23	472.51	1.35	ppb
Phosphorus	31-2	9876.56	9585.72	9480.81	9647.70	2.13	ppb
Potassium	39-2	125672.39	126555.45	128851.44	127026.43	1.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	559.66	446.74	447.66	484.68	13.40	ppb
Selenium	78-2	500.75	495.94	525.20	507.30	3.09	ppb
Selenium	82-1	499.58	510.09	494.22	501.30	1.61	ppb
Silicon	28-1	545.36	563.03	538.61	549.00	2.30	ppb
Silver	109-1	509.12	520.05	509.17	512.78	1.23	ppb
Silver	107-1	513.30	521.60	506.72	513.87	1.45	ppb
Sodium	23-2	245894.62	250536.76	252423.28	249618.22	1.35	ppb
Strontium	86-1	497.89	510.51	495.07	501.16	1.64	ppb
Strontium	88-1	507.31	515.36	496.67	506.44	1.85	ppb
Sulfur	34-1	9940.89	10316.49	9335.95	9864.44	5.02	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	513.16	520.75	515.87	516.59	0.74	ppb
Thallium	205-1	517.47	517.55	512.08	515.70	0.61	ppb
Tin	118-1	519.87	526.30	515.78	520.65	1.02	ppb
Titanium	47-1	2596.37	2604.99	2512.20	2571.19	1.99	ppb
Uranium	238-1	518.93	515.84	508.94	514.57	0.99	ppb
Vanadium	51-2	480.76	490.04	497.90	489.57	1.75	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	911.37	933.45	933.92	926.25	1.39	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.70	518.71	498.37	509.26	2.01	ppb
Zirconium	91-1	505.42	513.08	494.52	504.34	1.85	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.66	-0.96	1.41	-1.07		ppb
Antimony	121-1	0.63	0.66	0.63	0.64	2.45	ppb
Arsenic	75-2	0.03	0.14	-0.01	0.05	140.92	ppb
Barium	135-1	0.08	0.04	0.01	0.04	75.77	ppb
Barium	137-1	0.01	0.04	0.02	0.03	53.78	ppb
Beryllium	9-1	0.13	0.10	0.11	0.11	17.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	13.53	14.81	15.11	14.48	5.79	ppb
Boron	11-1	16.84	15.76	15.18	15.93	5.27	ppb
Cadmium	111-1	0.11	0.07	0.07	0.08	26.47	ppb
Cadmium	106-1	1.32	0.70	0.79	0.94	35.67	ppb
Cadmium	108-1	0.04	0.01	0.04	0.03	65.95	ppb
Calcium	43-1	9.38	3.75	5.93	6.35	44.72	ppb
Calcium	44-1	12.20	12.90	10.86	11.98	8.65	ppb
Chromium	52-2	-0.02	-0.08	-0.07	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1017.86	ppb
Copper	63-2	0.01	0.11	-0.01	0.04	173.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	3.44	3.80	3.01	3.42	11.58	ppb
Iron	57-2	-0.51	1.38	0.75	0.54	177.86	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.14	0.14	3.36	ppb
Lead	207-1	0.14	0.14	0.09	0.12	22.60	ppb
Lead	208-1	0.13	0.13	0.11	0.12	8.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.86	4.35	4.14	3.78	21.32	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.03	-0.11	-0.05		ppb
Molybdenum	94-1	0.73	0.67	0.69	0.70	4.48	ppb
Molybdenum	95-1	0.85	0.78	0.68	0.77	11.23	ppb
Molybdenum	96-1	0.81	0.76	0.62	0.73	13.21	ppb
Molybdenum	97-1	0.91	0.82	0.67	0.80	15.19	ppb
Molybdenum	98-1	0.85	0.71	0.72	0.76	10.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.06	0.08	0.04	106.19	ppb
Phosphorus	31-2	-0.81	0.38	19.73	6.43	179.23	ppb
Potassium	39-2	39.68	39.21	18.69	32.53	36.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.00	5.25	0.00	1.75	173.21	ppb
Selenium	78-2	-0.63	-0.58	1.00	-0.07		ppb
Selenium	82-1	0.04	-0.45	-0.22	-0.21		ppb
Silicon	28-1	-1.89	-2.68	-3.39	-2.65		ppb
Silver	109-1	0.03	0.02	0.02	0.03	19.55	ppb
Silver	107-1	0.03	0.04	0.03	0.03	21.47	ppb
Sodium	23-2	63.47	60.47	59.44	61.13	3.43	ppb
Strontium	86-1	0.02	0.09	0.09	0.07	61.05	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	38.11	ppb
Sulfur	34-1	-532.53	-573.80	-671.20	-592.51		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.09	0.08	0.10	21.86	ppb
Thallium	205-1	0.11	0.12	0.09	0.11	13.68	ppb
Tin	118-1	0.25	0.24	0.23	0.24	5.76	ppb
Titanium	47-1	0.12	0.17	0.17	0.15	16.35	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	29.91	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	43.71	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.03	-0.13	-0.04	-0.05		ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.09	0.12	16.99	ppb
Zirconium	91-1	0.10	0.10	0.14	0.11	19.97	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.15	10.25	26.09	19.50	42.31	ppb
Antimony	121-1	2.26	2.24	2.31	2.27	1.67	ppb
Arsenic	75-2	0.97	1.27	0.86	1.03	20.88	ppb
Barium	135-1	9.87	10.65	9.93	10.15	4.28	ppb
Barium	137-1	10.19	10.02	9.88	10.03	1.56	ppb
Beryllium	9-1	1.15	1.03	1.20	1.13	7.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	32.29	34.63	38.87	35.26	9.46	ppb
Boron	11-1	34.29	34.11	36.32	34.91	3.51	ppb
Cadmium	111-1	0.91	1.19	1.06	1.05	13.22	ppb
Cadmium	106-1	-0.84	2.97	1.86	1.33	147.26	ppb
Cadmium	108-1	1.37	1.17	0.73	1.09	29.82	ppb
Calcium	43-1	446.97	475.42	491.33	471.24	4.77	ppb
Calcium	44-1	474.00	470.29	485.53	476.61	1.67	ppb
Chromium	52-2	1.97	1.98	1.65	1.87	10.26	ppb
Cobalt	59-2	0.93	0.99	0.98	0.97	3.02	ppb
Copper	63-2	1.87	1.94	2.00	1.94	3.54	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				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	52.39	54.92	52.56	53.29	2.66	ppb
Iron	57-2	45.29	51.67	46.85	47.94	6.94	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.13	1.10	1.11	1.57	ppb
Lead	207-1	1.06	1.04	1.05	1.05	1.29	ppb
Lead	208-1	1.08	1.10	1.07	1.08	1.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	477.63	506.17	471.95	485.25	3.78	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.16	0.94	0.78	0.96	20.12	ppb
Molybdenum	94-1	5.56	5.55	5.74	5.62	1.90	ppb
Molybdenum	95-1	5.28	5.26	5.33	5.29	0.67	ppb
Molybdenum	96-1	5.28	5.41	5.38	5.36	1.29	ppb
Molybdenum	97-1	5.13	5.17	5.53	5.28	4.17	ppb
Molybdenum	98-1	5.26	5.31	5.32	5.30	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.04	1.14	1.06	6.13	ppb
Phosphorus	31-2	18.72	39.89	-0.77	19.28	105.46	ppb
Potassium	39-2	492.29	523.03	497.11	504.14	3.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	4.94	10.06	4.97	6.66	44.21	ppb
Selenium	78-2	3.35	3.42	4.98	3.92	23.52	ppb
Selenium	82-1	4.40	4.20	4.99	4.53	8.99	ppb
Silicon	28-1	13.07	13.98	16.06	14.37	10.67	ppb
Silver	109-1	1.08	1.06	1.04	1.06	1.83	ppb
Silver	107-1	1.04	1.11	1.14	1.10	4.83	ppb
Sodium	23-2	530.26	539.53	555.43	541.74	2.35	ppb
Strontium	86-1	1.07	0.91	1.04	1.01	8.69	ppb
Strontium	88-1	1.02	0.98	1.04	1.01	2.91	ppb
Sulfur	34-1	-850.18	-628.45	-450.48	-643.04		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	1.05	1.07	1.11	1.08	2.89	ppb
Thallium	205-1	1.05	1.06	1.05	1.05	0.11	ppb
Tin	118-1	4.88	4.99	4.92	4.93	1.20	ppb
Titanium	47-1	4.88	4.76	5.33	4.99	6.00	ppb
Uranium	238-1	0.94	0.95	1.00	0.96	3.39	ppb
Vanadium	51-2	4.66	4.78	4.99	4.81	3.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	2.21	2.20	2.19	2.20	0.45	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.33	1.24	1.27	1.28	3.43	ppb
Zirconium	91-1	1.36	1.20	1.33	1.30	6.71	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.68	30.01	33.55	33.41	9.99	ppb
Antimony	121-1	0.53	0.52	0.56	0.54	4.09	ppb
Arsenic	75-2	8.18	7.73	7.93	7.94	2.85	ppb
Barium	135-1	74.70	74.47	74.94	74.71	0.32	ppb
Barium	137-1	74.53	73.72	74.03	74.09	0.56	ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	11.42	ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	10-1	38.45	38.55	40.43	39.15	2.84	ppb
Boron	11-1	40.15	40.29	39.73	40.06	0.73	ppb
Cadmium	111-1	12.19	12.00	11.78	11.99	1.71	ppb
Cadmium	106-1	12.78	9.46	11.13	11.12	14.89	ppb
Cadmium	108-1	10.60	10.97	11.06	10.88	2.24	ppb
Calcium	43-1	205239.70	204736.40	204801.42	204925.84	0.13	ppb
Calcium	44-1	204540.97	204648.37	203639.75	204276.36	0.27	ppb
Chromium	52-2	-0.04	0.00	0.05	0.01	626.26	ppb
Cobalt	59-2	7.55	7.44	7.57	7.52	0.92	ppb
Copper	63-2	16.64	15.98	16.27	16.30	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				116		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	222.63	218.91	223.61	221.72	1.12	ppb
Iron	57-2	231.14	231.89	245.52	236.18	3.43	ppb
Krypton	83-1						cps
Lead	206-1	0.61	0.57	0.52	0.57	7.90	ppb
Lead	207-1	0.53	0.47	0.46	0.49	7.52	ppb
Lead	208-1	0.57	0.53	0.50	0.53	6.24	ppb
Lithium	6-1				112		%
Magnesium	24-2	51119.13	50216.11	51070.52	50801.92	1.00	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9320.14	9096.12	9280.05	9232.10	1.29	ppb
Molybdenum	94-1	1.45	1.30	1.14	1.30	11.93	ppb
Molybdenum	95-1	0.37	0.32	0.37	0.35	7.64	ppb
Molybdenum	96-1	0.44	0.39	0.38	0.40	7.53	ppb
Molybdenum	97-1	0.33	0.33	0.25	0.31	14.78	ppb
Molybdenum	98-1	0.32	0.30	0.27	0.30	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.02	3.10	3.20	3.11	2.82	ppb
Phosphorus	31-2	-1.03	-1.34	-20.55	-7.64		ppb
Potassium	39-2	8049.46	7862.75	8260.92	8057.71	2.47	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	77-2	14.17	9.52	19.39	14.36	34.36	ppb
Selenium	78-2	0.09	0.10	0.13	0.11	18.70	ppb
Selenium	82-1	0.26	0.09	-0.20	0.05	453.41	ppb
Silicon	28-1	535.48	539.01	535.57	536.69	0.38	ppb
Silver	109-1	0.23	0.26	0.33	0.27	17.01	ppb
Silver	107-1	0.19	0.31	0.30	0.26	25.21	ppb
Sodium	23-2	267451.51	262327.33	268272.40	266017.08	1.21	ppb
Strontium	86-1	769.55	755.95	773.73	766.41	1.21	ppb
Strontium	88-1	777.01	767.44	776.66	773.70	0.70	ppb
Sulfur	34-1	353563.87	355749.07	354892.90	354735.28	0.31	ppb
Terbium	159-1				118		%
Terbium	159-2				115		%
Thallium	203-1	0.46	0.42	0.45	0.44	3.97	ppb
Thallium	205-1	0.44	0.43	0.44	0.44	1.27	ppb
Tin	118-1	-0.02	-0.03	-0.04	-0.03		ppb
Titanium	47-1	0.37	0.38	0.35	0.36	4.18	ppb
Uranium	238-1	0.86	0.84	0.85	0.85	1.39	ppb
Vanadium	51-2	0.03	0.05	0.05	0.05	28.53	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	1040.44	1018.86	1045.75	1035.02	1.38	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.76	0.64	0.55	0.65	16.44	ppb
Zirconium	91-1	0.78	0.77	0.69	0.75	6.19	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.33	2.81	1.60	0.69	387.30	ppb
Antimony	121-1	0.11	0.12	0.15	0.13	16.37	ppb
Arsenic	75-2	1.09	0.90	0.86	0.95	12.78	ppb
Barium	135-1	7.57	7.47	7.46	7.50	0.79	ppb
Barium	137-1	7.67	7.82	7.61	7.70	1.46	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	15.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	14.04	13.32	13.30	13.56	3.12	ppb
Boron	11-1	12.76	12.56	12.83	12.72	1.11	ppb
Cadmium	111-1	1.31	1.34	1.32	1.32	1.07	ppb
Cadmium	106-1	1.57	1.53	0.80	1.30	33.47	ppb
Cadmium	108-1	1.26	1.22	0.96	1.15	14.17	ppb
Calcium	43-1	20839.13	21094.91	20682.02	20872.02	1.00	ppb
Calcium	44-1	20873.21	21030.56	20546.94	20816.90	1.18	ppb
Chromium	52-2	-0.09	-0.05	-0.06	-0.07		ppb
Cobalt	59-2	0.69	0.64	0.76	0.69	8.49	ppb
Copper	63-2	1.83	1.85	1.86	1.85	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	23.40	23.02	24.65	23.69	3.58	ppb
Iron	57-2	21.80	17.48	18.52	19.27	11.71	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.17	0.13	0.14	22.34	ppb
Lead	207-1	0.12	0.11	0.14	0.12	13.30	ppb
Lead	208-1	0.13	0.13	0.12	0.13	4.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	4992.29	4983.78	5123.83	5033.30	1.56	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	916.53	917.61	926.83	920.32	0.62	ppb
Molybdenum	94-1	0.16	0.17	0.19	0.17	8.65	ppb
Molybdenum	95-1	0.15	0.15	0.16	0.16	3.67	ppb
Molybdenum	96-1	0.16	0.17	0.18	0.17	5.79	ppb
Molybdenum	97-1	0.21	0.17	0.21	0.20	10.57	ppb
Molybdenum	98-1	0.14	0.15	0.14	0.14	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.41	0.30	0.34	18.25	ppb
Phosphorus	31-2	-20.55	-0.04	-20.55	-13.71		ppb
Potassium	39-2	832.02	856.38	880.34	856.25	2.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.42	1.85	-0.60	-0.06		ppb
Selenium	82-1	-0.69	0.01	-0.45	-0.38		ppb
Silicon	28-1	57.56	56.96	57.77	57.43	0.74	ppb
Silver	109-1	0.12	0.09	0.08	0.10	20.24	ppb
Silver	107-1	0.08	0.09	0.08	0.08	7.42	ppb
Sodium	23-2	27356.87	27195.52	27380.93	27311.11	0.37	ppb
Strontium	86-1	77.50	77.70	76.69	77.30	0.69	ppb
Strontium	88-1	80.86	80.94	80.71	80.84	0.14	ppb
Sulfur	34-1	37585.72	38015.67	38205.13	37935.51	0.84	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.06	0.04	39.73	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	24.57	ppb
Tin	118-1	0.08	-0.02	0.06	0.04	139.42	ppb
Titanium	47-1	0.07	0.13	0.10	0.10	30.84	ppb
Uranium	238-1	0.07	0.07	0.08	0.08	7.44	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	266.71	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	107.36	106.69	107.20	107.09	0.33	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.04	0.05	21.54	ppb
Zirconium	91-1	0.06	0.04	0.02	0.04	40.98	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49301.15	49909.88	50815.24	50008.76	1.52	ppb
Antimony	121-1	496.87	508.07	497.68	500.87	1.25	ppb
Arsenic	75-2	488.86	505.80	508.01	500.89	2.09	ppb
Barium	135-1	2516.42	2550.87	2510.00	2525.76	0.87	ppb
Barium	137-1	2506.61	2506.87	2480.25	2497.91	0.61	ppb
Beryllium	9-1	499.34	512.44	509.04	506.94	1.34	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	495.33	525.30	515.62	512.08	2.99	ppb
Boron	11-1	494.05	519.67	524.04	512.59	3.16	ppb
Cadmium	111-1	484.29	487.45	483.00	484.92	0.47	ppb
Cadmium	106-1	488.67	494.17	483.07	488.64	1.14	ppb
Cadmium	108-1	491.24	497.56	483.30	490.70	1.46	ppb
Calcium	43-1	233069.47	234516.02	237151.84	234912.44	0.88	ppb
Calcium	44-1	230943.35	233811.30	235968.11	233574.25	1.08	ppb
Chromium	52-2	499.35	509.47	521.55	510.12	2.18	ppb
Cobalt	59-2	474.96	486.21	494.16	485.11	1.99	ppb
Copper	63-2	932.41	942.55	961.10	945.35	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	127063.69	129586.80	132478.57	129709.69	2.09	ppb
Iron	57-2	129657.28	132781.60	133969.85	132136.24	1.69	ppb
Krypton	83-1						cps
Lead	206-1	518.59	512.37	514.02	514.99	0.63	ppb
Lead	207-1	516.69	506.93	515.44	513.02	1.04	ppb
Lead	208-1	515.92	511.55	511.54	513.00	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	248874.92	251676.27	256849.80	252467.00	1.60	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.81	996.79	1025.27	1000.29	2.34	ppb
Molybdenum	94-1	2522.74	2536.58	2517.95	2525.75	0.38	ppb
Molybdenum	95-1	2497.46	2530.41	2495.38	2507.75	0.78	ppb
Molybdenum	96-1	2494.47	2540.69	2496.50	2510.55	1.04	ppb
Molybdenum	97-1	2491.94	2546.48	2522.22	2520.22	1.08	ppb
Molybdenum	98-1	2480.74	2514.17	2474.46	2489.79	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.83	489.83	501.34	491.67	1.81	ppb
Phosphorus	31-2	9223.47	11032.57	9768.89	10008.31	9.27	ppb
Potassium	39-2	126336.74	127648.18	131971.50	128652.14	2.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	488.84	599.39	551.97	546.74	10.14	ppb
Selenium	78-2	521.34	470.43	501.35	497.71	5.15	ppb
Selenium	82-1	486.74	496.22	491.58	491.51	0.96	ppb
Silicon	28-1	528.00	529.60	527.66	528.42	0.20	ppb
Silver	109-1	492.21	503.83	491.98	496.01	1.37	ppb
Silver	107-1	493.50	502.91	490.48	495.63	1.31	ppb
Sodium	23-2	246125.54	253499.01	258521.49	252715.35	2.47	ppb
Strontium	86-1	486.57	502.65	492.01	493.74	1.66	ppb
Strontium	88-1	495.99	512.16	502.65	503.60	1.61	ppb
Sulfur	34-1	8776.60	8797.27	9258.37	8944.08	3.05	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	511.11	506.33	513.15	510.20	0.69	ppb
Thallium	205-1	512.30	504.68	510.50	509.16	0.78	ppb
Tin	118-1	505.62	512.43	498.63	505.56	1.37	ppb
Titanium	47-1	2542.36	2531.51	2542.03	2538.64	0.24	ppb
Uranium	238-1	512.91	510.50	504.31	509.24	0.87	ppb
Vanadium	51-2	489.64	501.80	511.70	501.05	2.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	944.77	957.07	973.97	958.60	1.53	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.98	507.48	501.56	504.34	0.59	ppb
Zirconium	91-1	503.20	502.03	497.36	500.86	0.62	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	-1.04	0.27	-0.58		ppb
Antimony	121-1	0.70	0.63	0.58	0.64	9.22	ppb
Arsenic	75-2	0.01	0.09	0.07	0.06	69.95	ppb
Barium	135-1	0.06	0.01	0.03	0.03	67.66	ppb
Barium	137-1	0.05	0.01	0.00	0.02	105.79	ppb
Beryllium	9-1	0.15	0.06	0.15	0.12	42.98	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	15.26	15.69	15.75	15.57	1.74	ppb
Boron	11-1	16.42	16.16	15.65	16.08	2.44	ppb
Cadmium	111-1	-0.01	-0.07	0.07	0.00		ppb
Cadmium	106-1	-0.36	-1.38	0.67	-0.36		ppb
Cadmium	108-1	-0.06	-0.03	-0.06	-0.05		ppb
Calcium	43-1	14.00	8.32	8.67	10.33	30.79	ppb
Calcium	44-1	11.26	10.19	10.13	10.53	6.04	ppb
Chromium	52-2	-0.02	-0.18	-0.13	-0.11		ppb
Cobalt	59-2	0.00	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.02	0.01	0.00	0.01	81.18	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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	4.24	3.97	3.30	3.83	12.65	ppb
Iron	57-2	1.37	0.46	-1.89	-0.02		ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.04	0.06	21.02	ppb
Lead	207-1	0.04	0.03	0.06	0.05	38.38	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.05	-0.52	3.08	2.21	109.16	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.10	-0.08	-0.11		ppb
Molybdenum	94-1	0.68	0.67	0.54	0.63	12.07	ppb
Molybdenum	95-1	0.72	0.64	0.49	0.62	18.91	ppb
Molybdenum	96-1	0.65	0.58	0.54	0.59	9.43	ppb
Molybdenum	97-1	0.75	0.54	0.48	0.59	23.80	ppb
Molybdenum	98-1	0.68	0.55	0.56	0.60	11.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.04	-0.07	-0.03		ppb
Phosphorus	31-2	-20.55	-0.06	62.02	13.81	311.44	ppb
Potassium	39-2	23.69	20.75	22.99	22.47	6.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	5.07	0.00	1.69	173.21	ppb
Selenium	78-2	-1.42	-0.61	-0.60	-0.88		ppb
Selenium	82-1	-0.19	0.28	-0.04	0.01	1629.45	ppb
Silicon	28-1	-5.14	-6.13	-5.50	-5.59		ppb
Silver	109-1	0.05	0.05	0.04	0.04	13.50	ppb
Silver	107-1	0.03	0.04	0.04	0.03	14.55	ppb
Sodium	23-2	78.68	67.52	69.43	71.88	8.30	ppb
Strontium	86-1	0.03	0.07	0.07	0.06	37.49	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	16.14	ppb
Sulfur	34-1	-758.66	-555.35	-588.51	-634.17		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.07	0.07	0.08	14.26	ppb
Thallium	205-1	0.07	0.06	0.04	0.06	29.42	ppb
Tin	118-1	0.24	0.15	0.19	0.19	22.86	ppb
Titanium	47-1	0.14	0.10	0.11	0.11	16.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.06	ppb
Vanadium	51-2	0.03	0.00	0.00	0.01	154.95	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-0.20	-0.10	-0.02	-0.10		ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.11	0.10	0.12	17.04	ppb
Zirconium	91-1	0.14	0.11	0.14	0.13	13.48	ppb

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	25	31	56.77	cps
Antimony	121-1	117	142	133	131	9.75	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	33	75	17	42	72.12	cps
Barium	137-1	92	100	75	89	14.32	cps
Beryllium	9-1	117	72	83	91	25.49	cps
Bismuth	209-1	7586515	7533765	7648002	7589427	0.75	cps
Bismuth	209-2	2255648	2205438	2097262	2186116	3.70	cps
Boron	10-1	233	83	183	167	45.82	cps
Boron	11-1	533	642	775	650	18.62	cps
Cadmium	111-1	1300	1170	1218	1229	5.35	cps
Cadmium	106-1	1842	1650	1750	1747	5.49	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	425	417	433	425	1.96	cps
Calcium	44-1	17870	16752	18296	17640	4.52	cps
Chromium	52-2	550	620	573	581	6.13	cps
Cobalt	59-2	93	100	63	86	22.83	cps
Copper	63-2	493	403	497	464	11.40	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	33	58	33	75.02	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	100	108	100	103	4.68	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	11634635	11844423	11927641	11802233	1.28	cps
Holmium	165-2	2762118	2737423	2554506	2684682	4.22	cps
Indium	115-1	9625814	9577749	9594696	9599420	0.25	cps
Indium	115-2	448221	444265	414922	435803	4.17	cps
Iron	56-2	1333	1311	1317	1320	0.88	cps
Iron	57-2	67	72	67	69	4.68	cps
Krypton	83-1	273	297	343	304	11.71	cps
Lead	206-1	344	322	322	330	3.89	cps
Lead	207-1	300	361	406	356	14.91	cps
Lead	208-1	1456	1483	1645	1528	6.68	cps
Lithium	6-1	2122007	2107876	2175462	2135115	1.67	cps
Magnesium	24-2	217	250	250	239	8.06	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	37	57	50	23.09	cps
Molybdenum	94-1	350	425	408	394	9.98	cps
Molybdenum	95-1	200	200	150	183	15.75	cps
Molybdenum	96-1	308	333	283	308	8.11	cps
Molybdenum	97-1	117	75	125	106	25.38	cps
Molybdenum	98-1	350	283	233	289	20.26	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	110	103	122	22.21	cps
Phosphorus	31-2	0	33	0	11	173.21	cps
Potassium	39-2	2325	2442	2400	2389	2.48	cps
Rhodium	103-1	9141712	9036208	8997866	9058596	0.82	cps
Rhodium	103-2	2680613	2644172	2488482	2604422	3.92	cps
Scandium	45-1	5729802	5751523	5794864	5758730	0.58	cps
Scandium	45-2	48838	48276	45504	47539	3.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	49	18	4	24	98.31	cps
Silicon	28-1	279658	276848	278176	278227	0.51	cps
Silver	109-1	67	58	17	47	56.72	cps
Silver	107-1	142	83	83	103	32.76	cps
Sodium	23-2	4659	4626	5018	4768	4.56	cps
Strontium	86-1	492	433	500	475	7.65	cps
Strontium	88-1	225	167	142	178	24.05	cps
Sulfur	34-1	363907	365180	368142	365743	0.59	cps
Terbium	159-1	12000416	12148055	12157655	12102042	0.73	cps
Terbium	159-2	2638733	2628276	2457961	2574990	3.94	cps
Thallium	203-1	333	325	333	331	1.46	cps
Thallium	205-1	933	758	867	853	10.36	cps
Tin	118-1	2475	2417	2667	2520	5.19	cps
Titanium	47-1	117	67	50	78	44.61	cps
Uranium	238-1	75	108	67	83	26.46	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	9892832	9895363	10071081	9953092	1.03	cps
Yttrium	89-2	338352	331249	310721	326774	4.39	cps
Zinc	66-2	143	127	133	134	6.24	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:23:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	850	950	958	920	6.56	cps
Zirconium	91-1	208	125	208	181	26.65	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	175	142	172	16.99	cps
Antimony	121-1	16110	17070	16144	16441	3.31	cps
Arsenic	75-2	119	131	122	124	5.38	cps
Barium	135-1	17420	17037	17612	17356	1.69	cps
Barium	137-1	30904	30327	30444	30558	1.00	cps
Beryllium	9-1	1561	1350	1400	1437	7.68	cps
Bismuth	209-1	8054673	8004158	7971372	8010068	0.52	cps
Bismuth	209-2	2381955	2364710	2340945	2362537	0.87	cps
Boron	10-1	3651	3409	3709	3589	4.43	cps
Boron	11-1	16827	17261	16627	16905	1.92	cps
Cadmium	111-1	3239	3147	3101	3162	2.23	cps
Cadmium	106-1	2142	2075	2175	2131	2.39	cps
Cadmium	108-1	146	146	121	138	10.50	cps
Calcium	43-1	10146	10730	9929	10268	4.03	cps
Calcium	44-1	172875	172607	170982	172155	0.60	cps
Chromium	52-2	2530	2357	2387	2425	3.82	cps
Cobalt	59-2	1957	1877	1940	1925	2.19	cps
Copper	63-2	3644	3941	3711	3765	4.14	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	75	50	58	24.75	cps
Erbium	164-2	23	10	17	17	39.99	cps
Gadolinium	160-1	100	133	42	92	50.62	cps
Gadolinium	160-2	3	20	13	12	68.66	cps
Holmium	165-1	12310388	12249911	12182746	12247682	0.52	cps
Holmium	165-2	2900263	2884945	2876553	2887254	0.42	cps
Indium	115-1	9984143	9912009	10028212	9974788	0.59	cps
Indium	115-2	471779	460629	464761	465723	1.21	cps
Iron	56-2	30773	31080	30996	30950	0.51	cps
Iron	57-2	833	722	895	817	10.69	cps
Krypton	83-1	320	337	313	323	3.72	cps
Lead	206-1	5563	5902	6035	5833	4.18	cps
Lead	207-1	5468	4962	5329	5253	4.97	cps
Lead	208-1	23826	23465	23681	23657	0.77	cps
Lithium	6-1	2211243	2208109	2220432	2213261	0.29	cps
Magnesium	24-2	15893	15676	16110	15893	1.36	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	293	307	303	2.91	cps
Molybdenum	94-1	14817	14291	14942	14684	2.35	cps
Molybdenum	95-1	17020	17746	17270	17345	2.13	cps
Molybdenum	96-1	20082	19899	19381	19787	1.84	cps
Molybdenum	97-1	11430	11230	10972	11211	2.05	cps
Molybdenum	98-1	28923	27771	28957	28551	2.37	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	710	687	687	694	1.94	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	10304	10671	10271	10415	2.13	cps
Rhodium	103-1	9531833	9435470	9449463	9472255	0.55	cps
Rhodium	103-2	2801491	2778837	2773757	2784695	0.53	cps
Scandium	45-1	5999420	5946346	5923846	5956537	0.65	cps
Scandium	45-2	51732	50969	50534	51078	1.19	cps
Selenium	77-2	7	17	13	12	41.65	cps
Selenium	78-2	15	11	19	15	25.01	cps
Selenium	82-1	576	597	581	585	1.84	cps
Silicon	28-1	341492	339892	336208	339197	0.80	cps
Silver	109-1	8553	8595	9112	8753	3.56	cps
Silver	107-1	8995	9204	9604	9268	3.34	cps
Sodium	23-2	40517	40099	39673	40096	1.05	cps
Strontium	86-1	3000	2959	2784	2914	3.95	cps
Strontium	88-1	19473	20424	20191	20029	2.48	cps
Sulfur	34-1	368561	377959	375187	373902	1.29	cps
Terbium	159-1	12914969	12641230	12670252	12742150	1.18	cps
Terbium	159-2	2787380	2760469	2770931	2772927	0.49	cps
Thallium	203-1	6836	6919	7236	6997	3.02	cps
Thallium	205-1	17346	16520	16720	16862	2.56	cps
Tin	118-1	30043	31572	30695	30770	2.49	cps
Titanium	47-1	4734	5318	5051	5034	5.80	cps
Uranium	238-1	21010	20526	21035	20857	1.38	cps
Vanadium	51-2	3364	3120	2974	3153	6.25	cps
Yttrium	89-1	10449002	10380901	10348115	10392673	0.50	cps
Yttrium	89-2	354339	348255	345144	349246	1.34	cps
Zinc	66-2	467	487	460	471	2.95	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:31:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11572	12056	12523	12050	3.95	cps
Zirconium	91-1	2217	2592	2342	2384	8.01	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6552	6627	5793	6324	7.29	cps
Antimony	121-1	408472	412379	415719	412190	0.88	cps
Arsenic	75-2	4971	4821	4879	4890	1.55	cps
Barium	135-1	443872	448632	449624	447376	0.69	cps
Barium	137-1	775952	777203	778622	777259	0.17	cps
Beryllium	9-1	63350	63217	63350	63306	0.12	cps
Bismuth	209-1	8125633	8045892	7958805	8043443	1.04	cps
Bismuth	209-2	2400166	2297792	2351289	2349749	2.18	cps
Boron	10-1	6535	7361	6877	6924	5.99	cps
Boron	11-1	32354	33757	34000	33370	2.66	cps
Cadmium	111-1	92407	91628	92677	92237	0.59	cps
Cadmium	106-1	12048	11722	11497	11756	2.35	cps
Cadmium	108-1	6689	6339	6860	6630	4.01	cps
Calcium	43-1	98562	97345	96371	97426	1.13	cps
Calcium	44-1	1649721	1631966	1617329	1633005	0.99	cps
Chromium	52-2	44170	43648	43534	43784	0.77	cps
Cobalt	59-2	93625	92588	93242	93152	0.56	cps
Copper	63-2	162538	160885	161310	161578	0.53	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	67	75	56	48.22	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	12465695	12373050	12371752	12403499	0.43	cps
Holmium	165-2	2972951	2838724	2906997	2906224	2.31	cps
Indium	115-1	9969017	9885936	10050727	9968560	0.83	cps
Indium	115-2	468382	456103	462188	462224	1.33	cps
Iron	56-2	1453377	1479003	1456611	1462997	0.95	cps
Iron	57-2	36727	36860	36877	36821	0.22	cps
Krypton	83-1	363	387	333	361	7.40	cps
Lead	206-1	273551	272332	275761	273881	0.63	cps
Lead	207-1	245851	246440	247022	246437	0.24	cps
Lead	208-1	1112196	1118231	1119283	1116570	0.34	cps
Lithium	6-1	2215136	2187252	2174871	2192420	0.94	cps
Magnesium	24-2	158312	157445	158035	157931	0.28	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24078	23810	23407	23765	1.42	cps
Molybdenum	94-1	723588	722535	733148	726424	0.80	cps
Molybdenum	95-1	883483	893900	890812	889398	0.60	cps
Molybdenum	96-1	991967	998638	997427	996011	0.36	cps
Molybdenum	97-1	554669	561711	561350	559244	0.71	cps
Molybdenum	98-1	1428965	1430272	1436162	1431800	0.27	cps
Neodymium	150-1	27	53	27	36	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27367	27047	27601	27338	1.02	cps
Phosphorus	31-2	583	408	492	494	17.70	cps
Potassium	39-2	42992	43710	42791	43164	1.12	cps
Rhodium	103-1	9462793	9341353	9445446	9416531	0.70	cps
Rhodium	103-2	2766181	2709706	2719490	2731792	1.10	cps
Scandium	45-1	6031315	5806932	5866588	5901612	1.97	cps
Scandium	45-2	50889	48888	50330	50036	2.06	cps
Selenium	77-2	27	37	47	37	27.27	cps
Selenium	78-2	107	106	137	117	15.14	cps
Selenium	82-1	5398	5617	5771	5595	3.34	cps
Silicon	28-1	487245	482576	481386	483736	0.64	cps
Silver	109-1	437938	435495	438226	437220	0.34	cps
Silver	107-1	458170	455638	459000	457603	0.38	cps
Sodium	23-2	361402	356086	354649	357379	1.00	cps
Strontium	86-1	113208	114873	113846	113976	0.74	cps
Strontium	88-1	991587	992011	983128	988908	0.51	cps
Sulfur	34-1	406096	402118	401644	403286	0.61	cps
Terbium	159-1	12852560	12832874	12763853	12816429	0.36	cps
Terbium	159-2	2795090	2713542	2755012	2754548	1.48	cps
Thallium	203-1	337670	336542	336896	337036	0.17	cps
Thallium	205-1	806091	811602	813050	810248	0.45	cps
Tin	118-1	290178	290531	292535	291081	0.44	cps
Titanium	47-1	243912	242563	243913	243463	0.32	cps
Uranium	238-1	1063883	1069117	1066071	1066357	0.25	cps
Vanadium	51-2	32327	31906	31389	31874	1.48	cps
Yttrium	89-1	10346796	10268860	10359248	10324968	0.47	cps
Yttrium	89-2	350807	341440	342973	345073	1.46	cps
Zinc	66-2	13944	14605	13734	14094	3.22	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:34:45	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	598260	605108	615649	606339	1.44	cps
Zirconium	91-1	128552	134862	137319	133577	3.39	cps

LB Number : LB96506 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-09 11:38:27 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15993	16469	16018	16160	1.66	cps
Antimony	121-1	1039896	1045578	1064351	1049941	1.22	cps
Arsenic	75-2	11818	12215	12016	12016	1.65	cps
Barium	135-1	1119853	1110916	1115898	1115556	0.40	cps
Barium	137-1	1992639	1952458	1964551	1969883	1.05	cps
Beryllium	9-1	154375	156131	153559	154688	0.85	cps
Bismuth	209-1	8155429	8029718	8187777	8124308	1.03	cps
Bismuth	209-2	2307580	2357955	2392861	2352798	1.82	cps
Boron	10-1	16485	16794	18070	17116	4.91	cps
Boron	11-1	79906	80543	82797	81082	1.87	cps
Cadmium	111-1	231597	228677	228625	229633	0.74	cps
Cadmium	106-1	25851	25725	25467	25681	0.76	cps
Cadmium	108-1	16181	16798	16552	16510	1.88	cps
Calcium	43-1	242735	241373	240638	241582	0.44	cps
Calcium	44-1	3980187	3977320	3955986	3971164	0.33	cps
Chromium	52-2	106743	107401	106105	106750	0.61	cps
Cobalt	59-2	231321	227519	231402	230080	0.96	cps
Copper	63-2	398925	398233	398742	398633	0.09	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	17	92	42	50	76.37	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	83	92	78	22.30	cps
Gadolinium	160-2	3	20	17	13	66.16	cps
Holmium	165-1	12600159	12442500	12523132	12521930	0.63	cps
Holmium	165-2	2844461	2891512	2886458	2874144	0.90	cps
Indium	115-1	9946553	9910740	9970311	9942535	0.30	cps
Indium	115-2	450089	458070	458216	455458	1.02	cps
Iron	56-2	3628306	3637984	3601391	3622560	0.52	cps
Iron	57-2	90504	90022	90291	90272	0.27	cps
Krypton	83-1	343	393	340	359	8.33	cps
Lead	206-1	685942	687476	679859	684426	0.59	cps
Lead	207-1	619763	622436	628132	623443	0.69	cps
Lead	208-1	2799141	2805516	2818958	2807872	0.36	cps
Lithium	6-1	2183938	2186969	2156562	2175823	0.77	cps
Magnesium	24-2	390273	389201	388776	389417	0.20	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:38:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59988	60316	60035	60113	0.30	cps
Molybdenum	94-1	1854165	1852288	1866777	1857743	0.42	cps
Molybdenum	95-1	2284235	2260106	2284076	2276139	0.61	cps
Molybdenum	96-1	2547018	2538862	2545841	2543907	0.17	cps
Molybdenum	97-1	1396821	1401774	1428246	1408947	1.20	cps
Molybdenum	98-1	3645940	3604916	3600060	3616972	0.70	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	68042	67633	68119	67931	0.38	cps
Phosphorus	31-2	1083	1000	1083	1056	4.56	cps
Potassium	39-2	104839	103076	103521	103812	0.88	cps
Rhodium	103-1	9393531	9345255	9331325	9356704	0.35	cps
Rhodium	103-2	2682368	2712620	2755089	2716693	1.34	cps
Scandium	45-1	5849831	5876897	5911334	5879354	0.52	cps
Scandium	45-2	48972	48717	49099	48929	0.40	cps
Selenium	77-2	63	83	93	80	19.10	cps
Selenium	78-2	322	274	230	275	16.82	cps
Selenium	82-1	13805	13679	13872	13785	0.71	cps
Silicon	28-1	790015	788635	787159	788603	0.18	cps
Silver	109-1	1092278	1091216	1095469	1092988	0.20	cps
Silver	107-1	1146895	1147198	1152538	1148877	0.28	cps
Sodium	23-2	877300	874096	880325	877240	0.36	cps
Strontium	86-1	284737	285555	282243	284179	0.61	cps
Strontium	88-1	2514657	2526248	2494528	2511811	0.64	cps
Sulfur	34-1	440618	442147	436880	439882	0.62	cps
Terbium	159-1	12893012	13055899	12886465	12945125	0.74	cps
Terbium	159-2	2711564	2807143	2767064	2761924	1.74	cps
Thallium	203-1	846979	846918	844778	846225	0.15	cps
Thallium	205-1	2059829	2074509	2049732	2061357	0.60	cps
Tin	118-1	730478	732353	737314	733382	0.48	cps
Titanium	47-1	602210	604034	605332	603859	0.26	cps
Uranium	238-1	2741542	2737894	2781794	2753743	0.88	cps
Vanadium	51-2	79336	78301	77084	78240	1.44	cps
Yttrium	89-1	10406946	10360954	10468553	10412151	0.52	cps
Yttrium	89-2	337903	344811	343891	342202	1.10	cps
Zinc	66-2	34369	34169	34159	34232	0.35	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:38:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1559780	1519189	1545870	1541613	1.34	cps
Zirconium	91-1	341915	335962	337974	338617	0.89	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29966	30709	31043	30573	1.80	cps
Antimony	121-1	2094014	2110233	2122583	2108943	0.68	cps
Arsenic	75-2	22758	23019	22999	22925	0.63	cps
Barium	135-1	2254226	2269585	2261986	2261932	0.34	cps
Barium	137-1	3907729	3916256	3949844	3924610	0.57	cps
Beryllium	9-1	305776	304169	302623	304189	0.52	cps
Bismuth	209-1	8126144	8262831	8206977	8198650	0.84	cps
Bismuth	209-2	2309805	2355222	2291680	2318903	1.41	cps
Boron	10-1	34175	34668	34835	34559	0.99	cps
Boron	11-1	155483	159416	162518	159139	2.22	cps
Cadmium	111-1	453091	450820	453926	452612	0.36	cps
Cadmium	106-1	49358	49274	49659	49430	0.41	cps
Cadmium	108-1	33024	31884	32673	32527	1.80	cps
Calcium	43-1	480592	475671	475950	477404	0.58	cps
Calcium	44-1	7798580	7777821	7719816	7765406	0.53	cps
Chromium	52-2	207416	205863	202252	205177	1.29	cps
Cobalt	59-2	446174	444564	444294	445011	0.23	cps
Copper	63-2	771968	762611	762816	765798	0.70	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	92	92	75	86	11.18	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	12522322	12680269	12505495	12569362	0.77	cps
Holmium	165-2	2859700	2897652	2854277	2870543	0.82	cps
Indium	115-1	9888794	10009166	9940754	9946238	0.61	cps
Indium	115-2	441115	448410	439197	442907	1.10	cps
Iron	56-2	6954899	6914439	6914686	6928008	0.34	cps
Iron	57-2	176829	176289	173505	175541	1.02	cps
Krypton	83-1	303	297	340	313	7.45	cps
Lead	206-1	1390957	1396620	1393156	1393578	0.20	cps
Lead	207-1	1264106	1254296	1264326	1260909	0.45	cps
Lead	208-1	5702856	5734076	5766019	5734317	0.55	cps
Lithium	6-1	2131645	2172593	2138357	2147532	1.02	cps
Magnesium	24-2	754424	753987	752062	753491	0.17	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115103	114639	116047	115263	0.62	cps
Molybdenum	94-1	3657989	3666820	3666014	3663608	0.13	cps
Molybdenum	95-1	4471248	4453685	4479712	4468215	0.30	cps
Molybdenum	96-1	5020458	4934038	5004365	4986287	0.92	cps
Molybdenum	97-1	2834184	2831800	2853935	2839973	0.43	cps
Molybdenum	98-1	7097739	7142500	7234540	7158260	0.97	cps
Neodymium	150-1	120	107	120	116	6.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	132684	130895	130562	131380	0.87	cps
Phosphorus	31-2	2225	1925	1684	1945	13.96	cps
Potassium	39-2	196748	195378	194788	195638	0.51	cps
Rhodium	103-1	9180106	9367295	9262791	9270064	1.01	cps
Rhodium	103-2	2637317	2678339	2605339	2640332	1.39	cps
Scandium	45-1	5822756	5911825	5749190	5827924	1.40	cps
Scandium	45-2	47062	48410	47758	47743	1.41	cps
Selenium	77-2	190	173	127	163	20.10	cps
Selenium	78-2	511	593	587	564	8.08	cps
Selenium	82-1	27528	27799	27820	27716	0.59	cps
Silicon	28-1	1175278	1163708	1168105	1169030	0.50	cps
Silver	109-1	2196396	2155160	2158476	2170011	1.06	cps
Silver	107-1	2337121	2285137	2318659	2313639	1.14	cps
Sodium	23-2	1722950	1702784	1704963	1710232	0.65	cps
Strontium	86-1	567353	566343	569832	567843	0.32	cps
Strontium	88-1	4992595	4876037	4904989	4924541	1.23	cps
Sulfur	34-1	500634	503395	498939	500989	0.45	cps
Terbium	159-1	13109225	13000490	12993833	13034516	0.50	cps
Terbium	159-2	2727616	2783381	2713122	2741373	1.35	cps
Thallium	203-1	1743875	1739683	1727506	1737021	0.49	cps
Thallium	205-1	4215005	4152981	4168002	4178663	0.77	cps
Tin	118-1	1467274	1462084	1469530	1466296	0.26	cps
Titanium	47-1	1196555	1192683	1184192	1191143	0.53	cps
Uranium	238-1	5421746	5509964	5540898	5490870	1.13	cps
Vanadium	51-2	151991	152084	151004	151693	0.39	cps
Yttrium	89-1	10272617	10429778	10326809	10343068	0.77	cps
Yttrium	89-2	331138	334684	328366	331396	0.96	cps
Zinc	66-2	66060	66408	65782	66083	0.47	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:42:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3101593	3085798	3108148	3098513	0.37	cps
Zirconium	91-1	674626	672325	678677	675209	0.48	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57426	57082	56956	57155	0.42	cps
Antimony	121-1	4223506	4235065	4243885	4234152	0.24	cps
Arsenic	75-2	44051	44330	44031	44137	0.38	cps
Barium	135-1	4473825	4510650	4476603	4487026	0.46	cps
Barium	137-1	7756550	7715297	7844816	7772221	0.85	cps
Beryllium	9-1	586007	577019	579655	580894	0.80	cps
Bismuth	209-1	8408383	8700186	8455207	8521259	1.84	cps
Bismuth	209-2	2283878	2278008	2304610	2288832	0.61	cps
Boron	10-1	64462	66873	67878	66404	2.64	cps
Boron	11-1	304798	310065	315047	309970	1.65	cps
Cadmium	111-1	901019	898967	900639	900208	0.12	cps
Cadmium	106-1	97938	95680	95059	96225	1.57	cps
Cadmium	108-1	65374	64219	64927	64840	0.90	cps
Calcium	43-1	929273	934562	928303	930713	0.36	cps
Calcium	44-1	15286525	15182376	15036880	15168593	0.83	cps
Chromium	52-2	393658	391452	390254	391788	0.44	cps
Cobalt	59-2	853739	847519	848134	849797	0.40	cps
Copper	63-2	1468947	1457563	1461874	1462795	0.39	cps
Dysprosium	156-1	33	58	50	47	26.97	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	133	83	42	86	53.30	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	12979346	13402138	13048785	13143423	1.73	cps
Holmium	165-2	2877371	2830712	2855812	2854631	0.82	cps
Indium	115-1	9976119	10231597	10042259	10083325	1.32	cps
Indium	115-2	428624	423667	430610	427634	0.84	cps
Iron	56-2	13192058	13106727	13237569	13178785	0.50	cps
Iron	57-2	333723	334811	332874	333803	0.29	cps
Krypton	83-1	307	317	330	318	3.68	cps
Lead	206-1	2869677	2875994	2893969	2879880	0.44	cps
Lead	207-1	2600633	2643525	2603236	2615798	0.92	cps
Lead	208-1	11628584	11793874	11796065	11739508	0.82	cps
Lithium	6-1	2083780	2163525	2094572	2113959	2.05	cps
Magnesium	24-2	1479503	1438009	1432406	1449973	1.77	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	220802	218859	219639	219767	0.44	cps
Molybdenum	94-1	7203083	7164779	7101654	7156505	0.72	cps
Molybdenum	95-1	8761909	8787519	8782552	8777326	0.15	cps
Molybdenum	96-1	9808796	9814430	9712086	9778437	0.59	cps
Molybdenum	97-1	5586289	5602615	5560168	5583024	0.38	cps
Molybdenum	98-1	13963231	14116218	14014866	14031438	0.55	cps
Neodymium	150-1	213	153	167	178	17.72	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	249677	247459	245871	247669	0.77	cps
Phosphorus	31-2	3867	3967	3551	3795	5.73	cps
Potassium	39-2	367319	364746	363295	365120	0.56	cps
Rhodium	103-1	9201344	9521466	9194827	9305879	2.01	cps
Rhodium	103-2	2606379	2566031	2590475	2587628	0.79	cps
Scandium	45-1	5701428	5956190	5697150	5784923	2.56	cps
Scandium	45-2	45507	44637	44895	45013	0.99	cps
Selenium	77-2	307	333	377	339	10.43	cps
Selenium	78-2	1176	1206	1061	1148	6.65	cps
Selenium	82-1	54730	54287	54902	54640	0.58	cps
Silicon	28-1	1993725	1971000	1979800	1981508	0.58	cps
Silver	109-1	4297763	4234073	4271675	4267837	0.75	cps
Silver	107-1	4527052	4466698	4521643	4505131	0.74	cps
Sodium	23-2	3238161	3223411	3197734	3219769	0.64	cps
Strontium	86-1	1126931	1117862	1125917	1123570	0.44	cps
Strontium	88-1	9706624	9641794	9659044	9669154	0.35	cps
Sulfur	34-1	619906	610320	610419	613548	0.90	cps
Terbium	159-1	13447939	13675670	13230216	13451275	1.66	cps
Terbium	159-2	2712746	2670492	2746418	2709885	1.40	cps
Thallium	203-1	3526034	3554530	3549750	3543438	0.43	cps
Thallium	205-1	8272343	8338424	8351060	8320609	0.51	cps
Tin	118-1	2932242	2901088	2944602	2925977	0.77	cps
Titanium	47-1	2351950	2364906	2353110	2356655	0.30	cps
Uranium	238-1	11227173	11176937	11198441	11200851	0.23	cps
Vanadium	51-2	288891	289677	287541	288703	0.37	cps
Yttrium	89-1	10284227	10632595	10327721	10414848	1.82	cps
Yttrium	89-2	324195	318814	323644	322218	0.92	cps
Zinc	66-2	127392	127106	127190	127229	0.12	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:45:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5967717	6022793	5983268	5991260	0.47	cps
Zirconium	91-1	1340410	1337550	1342349	1340103	0.18	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111646	111310	107034	109997	2.34	cps
Antimony	121-1	8288936	8338944	8267771	8298550	0.44	cps
Arsenic	75-2	84854	84970	80765	83530	2.87	cps
Barium	135-1	8808984	8821084	8786307	8805458	0.20	cps
Barium	137-1	15505090	15493108	15404648	15467615	0.35	cps
Beryllium	9-1	1108347	1098475	1103347	1103390	0.45	cps
Bismuth	209-1	8265086	8274152	8314438	8284558	0.32	cps
Bismuth	209-2	2225186	2099112	2103829	2142709	3.34	cps
Boron	10-1	126318	129554	132574	129482	2.42	cps
Boron	11-1	598560	609299	615390	607750	1.40	cps
Cadmium	111-1	1775286	1779001	1774650	1776312	0.13	cps
Cadmium	106-1	184259	185779	186007	185348	0.51	cps
Cadmium	108-1	125591	126225	126475	126097	0.36	cps
Calcium	43-1	1837360	1824598	1833264	1831741	0.36	cps
Calcium	44-1	29324979	29426125	29547891	29432998	0.38	cps
Chromium	52-2	756343	748670	717867	740960	2.75	cps
Cobalt	59-2	1646416	1638048	1569321	1617928	2.61	cps
Copper	63-2	2807570	2793953	2684607	2762043	2.44	cps
Dysprosium	156-1	125	108	100	111	11.46	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	33	75	42	50	44.10	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	100	100	83	94	10.19	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	12890716	12879979	13007399	12926031	0.55	cps
Holmium	165-2	2776232	2635987	2655966	2689395	2.82	cps
Indium	115-1	9776357	9717196	9783584	9759046	0.37	cps
Indium	115-2	408988	385030	386798	393605	3.39	cps
Iron	56-2	25490691	25165489	24300409	24985529	2.46	cps
Iron	57-2	639027	634687	615563	629759	1.98	cps
Krypton	83-1	303	347	340	330	7.07	cps
Lead	206-1	5709466	5684035	5654263	5682588	0.49	cps
Lead	207-1	5197873	5211184	5183925	5197661	0.26	cps
Lead	208-1	23222061	23206171	23161852	23196695	0.13	cps
Lithium	6-1	2007586	1987946	2034267	2009933	1.16	cps
Magnesium	24-2	2782020	2748251	2664347	2731539	2.22	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	423182	420336	402714	415411	2.67	cps
Molybdenum	94-1	14091041	14108064	14186619	14128575	0.36	cps
Molybdenum	95-1	17317214	17358112	17302572	17325966	0.17	cps
Molybdenum	96-1	19318068	19432607	19344302	19364992	0.31	cps
Molybdenum	97-1	10893289	10900741	10930918	10908316	0.18	cps
Molybdenum	98-1	27917869	28133191	27889905	27980322	0.48	cps
Neodymium	150-1	367	453	400	407	10.75	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	474014	470372	451488	465291	2.60	cps
Phosphorus	31-2	6568	7194	6819	6860	4.59	cps
Potassium	39-2	694854	691892	669973	685573	1.98	cps
Rhodium	103-1	8869865	8852918	8980685	8901156	0.78	cps
Rhodium	103-2	2476528	2362892	2346432	2395284	2.96	cps
Scandium	45-1	5541691	5499113	5591935	5544246	0.84	cps
Scandium	45-2	43400	41585	41100	42029	2.88	cps
Selenium	77-2	570	577	547	564	2.79	cps
Selenium	78-2	2039	2006	1858	1967	4.91	cps
Selenium	82-1	104546	105663	105415	105208	0.56	cps
Silicon	28-1	3336976	3288904	3309098	3311659	0.73	cps
Silver	109-1	8212460	8289855	8274422	8258913	0.50	cps
Silver	107-1	8758144	8790332	8670978	8739818	0.71	cps
Sodium	23-2	6179641	6070691	5950251	6066861	1.89	cps
Strontium	86-1	2211929	2241223	2231766	2228306	0.67	cps
Strontium	88-1	18870324	18881641	19088370	18946778	0.65	cps
Sulfur	34-1	854876	850359	854292	853175	0.29	cps
Terbium	159-1	13246727	13203752	13340361	13263614	0.53	cps
Terbium	159-2	2671133	2484306	2524804	2560081	3.84	cps
Thallium	203-1	7032480	6978250	7032876	7014535	0.45	cps
Thallium	205-1	16586079	16577510	16789487	16651025	0.72	cps
Tin	118-1	5787127	5816796	5768722	5790882	0.42	cps
Titanium	47-1	4500674	4510765	4501398	4504279	0.12	cps
Uranium	238-1	22763565	22657593	22543535	22654898	0.49	cps
Vanadium	51-2	559199	553391	532559	548383	2.55	cps
Yttrium	89-1	10065379	9997268	10146567	10069738	0.74	cps
Yttrium	89-2	311749	293098	297339	300729	3.25	cps
Zinc	66-2	239105	237402	230233	235580	2.00	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:48:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11714797	11839257	11948476	11834177	0.99	cps
Zirconium	91-1	2652346	2651525	2664513	2656128	0.27	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655069	665519	674376	664988	1.45	cps
Antimony	121-1	24974	22946	23664	23861	4.31	cps
Arsenic	75-2	143	169	198	170	16.38	cps
Barium	135-1	1592	1325	1358	1425	10.20	cps
Barium	137-1	2442	2750	2159	2450	12.08	cps
Beryllium	9-1	389	461	372	407	11.60	cps
Bismuth	209-1	7838066	7696038	7266408	7600171	3.92	cps
Bismuth	209-2	2177276	2208407	2181799	2189161	0.77	cps
Boron	10-1	7094	6093	5576	6254	12.33	cps
Boron	11-1	30333	27669	26142	28048	7.56	cps
Cadmium	111-1	1873	1896	1842	1870	1.43	cps
Cadmium	106-1	2317	2167	2042	2175	6.33	cps
Cadmium	108-1	58	54	29	47	33.40	cps
Calcium	43-1	9664394	9786077	9829298	9759923	0.88	cps
Calcium	44-1	160344266	160388945	161972279	160901830	0.58	cps
Chromium	52-2	33149	32855	33170	33058	0.53	cps
Cobalt	59-2	21951	22118	22248	22106	0.67	cps
Copper	63-2	5481	5795	5518	5598	3.06	cps
Dysprosium	156-1	67	92	58	72	24.02	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	25	75	33	44	60.28	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	133	83	133	117	24.74	cps
Gadolinium	160-2	47	33	10	30	61.87	cps
Holmium	165-1	12950816	12808487	11936958	12565420	4.37	cps
Holmium	165-2	2904801	2924220	2913844	2914288	0.33	cps
Indium	115-1	9697738	9790976	9020184	9502966	4.43	cps
Indium	115-2	437882	444886	446088	442952	1.00	cps
Iron	56-2	141126081	141814642	142081870	141674198	0.35	cps
Iron	57-2	3574674	3597373	3585817	3585955	0.32	cps
Krypton	83-1	367	400	363	377	5.38	cps
Lead	206-1	32409	31573	31362	31781	1.74	cps
Lead	207-1	26573	26991	25081	26215	3.83	cps
Lead	208-1	124880	123257	121543	123226	1.35	cps
Lithium	6-1	2098375	2079468	2039441	2072428	1.45	cps
Magnesium	24-2	15538362	15759317	15859751	15719143	1.05	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2177	2150	2300	2209	3.62	cps
Molybdenum	94-1	20500	19306	19723	19843	3.05	cps
Molybdenum	95-1	33434	32490	32197	32707	1.98	cps
Molybdenum	96-1	37779	34729	36367	36291	4.21	cps
Molybdenum	97-1	21092	20583	21193	20956	1.56	cps
Molybdenum	98-1	54176	52252	51541	52656	2.59	cps
Neodymium	150-1	100	133	53	96	42.05	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	16914	17087	17097	17033	0.61	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4117522	4156480	4154623	4142875	0.53	cps
Rhodium	103-1	8738829	8804210	8160190	8567743	4.14	cps
Rhodium	103-2	2529269	2552968	2539980	2540739	0.47	cps
Scandium	45-1	5802654	5849213	5514192	5722020	3.17	cps
Scandium	45-2	50691	50156	51166	50671	1.00	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	7	0	3	124.95	cps
Selenium	82-1	63	1	81	48	86.46	cps
Silicon	28-1	326527	332886	335317	331577	1.37	cps
Silver	109-1	1375	1075	908	1120	21.13	cps
Silver	107-1	1175	1267	1250	1231	3.97	cps
Sodium	23-2	35200639	35744712	36178963	35708105	1.37	cps
Strontium	86-1	10421	10363	10663	10482	1.52	cps
Strontium	88-1	87506	87740	88613	87953	0.66	cps
Sulfur	34-1	339876	339634	339831	339780	0.04	cps
Terbium	159-1	13405085	13154361	12218206	12925884	4.84	cps
Terbium	159-2	2758724	2800006	2802249	2786993	0.88	cps
Thallium	203-1	4468	3992	4118	4193	5.87	cps
Thallium	205-1	10655	9971	9154	9927	7.57	cps
Tin	118-1	16586	15693	15593	15957	3.43	cps
Titanium	47-1	2550	2717	2267	2511	9.06	cps
Uranium	238-1	1959	1959	1534	1817	13.51	cps
Vanadium	51-2	227	160	190	192	17.37	cps
Yttrium	89-1	10268067	10252779	9658954	10059933	3.45	cps
Yttrium	89-2	342386	346649	347919	345652	0.84	cps
Zinc	66-2	2087	1860	1833	1927	7.23	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 11:52:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3517	3176	3476	3389	5.50	cps
Zirconium	91-1	667	633	758	686	9.44	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:11:51	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3142	2934	3217	3098	4.74	cps
Antimony	121-1	1540459	1573329	1564256	1559348	1.09	cps
Arsenic	75-2	18266	18898	18220	18461	2.05	cps
Barium	135-1	166989	167294	169084	167789	0.67	cps
Barium	137-1	291806	296816	296106	294909	0.92	cps
Beryllium	9-1	117492	118327	119862	118560	1.01	cps
Bismuth	209-1	7866403	7927941	7475528	7756624	3.16	cps
Bismuth	209-2	2294206	2299858	2295968	2296677	0.13	cps
Boron	10-1	69452	72424	72927	71601	2.62	cps
Boron	11-1	330205	341513	345728	339148	2.37	cps
Cadmium	111-1	176104	176727	175996	176276	0.22	cps
Cadmium	106-1	24974	24607	24815	24799	0.74	cps
Cadmium	108-1	14137	13761	13995	13964	1.36	cps
Calcium	43-1	40309	40626	41663	40866	1.73	cps
Calcium	44-1	657488	653922	651730	654380	0.44	cps
Chromium	52-2	82863	83296	83494	83218	0.39	cps
Cobalt	59-2	180401	183267	182335	182001	0.80	cps
Copper	63-2	157780	159530	158107	158472	0.59	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	33	27	20	27	24.99	cps
Gadolinium	160-1	58	100	67	75	29.40	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	12093562	12139963	11361322	11864949	3.68	cps
Holmium	165-2	2842298	2828157	2846679	2839045	0.34	cps
Indium	115-1	9568591	9754708	9256908	9526736	2.64	cps
Indium	115-2	455014	455422	450137	453525	0.65	cps
Iron	56-2	571599	579427	576267	575764	0.68	cps
Iron	57-2	14441	14953	14319	14571	2.31	cps
Krypton	83-1	367	343	410	373	9.06	cps
Lead	206-1	1053241	1056160	1049691	1053031	0.31	cps
Lead	207-1	912940	920694	919337	917657	0.45	cps
Lead	208-1	4261473	4270486	4273713	4268557	0.15	cps
Lithium	6-1	2139142	2156884	2043624	2113217	2.88	cps
Magnesium	24-2	37651	37492	37768	37637	0.37	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:11:51	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23473	23801	23684	23652	0.70	cps
Molybdenum	94-1	2222939	2233727	2250848	2235838	0.63	cps
Molybdenum	95-1	1820887	1816036	1815105	1817343	0.17	cps
Molybdenum	96-1	2137470	2163787	2172678	2157978	0.85	cps
Molybdenum	97-1	1112169	1117029	1121521	1116906	0.42	cps
Molybdenum	98-1	2876601	2912460	2910971	2900011	0.70	cps
Neodymium	150-1	47	33	20	33	40.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53593	53506	53432	53510	0.15	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	35721	36657	35713	36030	1.51	cps
Rhodium	103-1	9200342	9376480	8717813	9098212	3.75	cps
Rhodium	103-2	2713178	2698646	2672209	2694678	0.77	cps
Scandium	45-1	5873162	5905090	5550086	5776113	3.40	cps
Scandium	45-2	50360	50427	50547	50445	0.19	cps
Selenium	77-2	123	90	120	111	16.52	cps
Selenium	78-2	467	485	446	466	4.17	cps
Selenium	82-1	21228	21354	21457	21346	0.54	cps
Silicon	28-1	280705	279269	278431	279468	0.41	cps
Silver	109-1	811014	814289	808853	811385	0.34	cps
Silver	107-1	844043	852518	850625	849062	0.52	cps
Sodium	23-2	148922	148829	149552	149101	0.26	cps
Strontium	86-1	603636	611815	605614	607022	0.70	cps
Strontium	88-1	5252948	5259905	5313833	5275562	0.63	cps
Sulfur	34-1	349553	349392	348095	349013	0.23	cps
Terbium	159-1	12433009	12511366	11835966	12260113	3.01	cps
Terbium	159-2	2690133	2721639	2687095	2699623	0.71	cps
Thallium	203-1	1319078	1316368	1310920	1315456	0.32	cps
Thallium	205-1	3176149	3240021	3211498	3209223	1.00	cps
Tin	118-1	1561116	1558530	1580992	1566879	0.78	cps
Titanium	47-1	264416	266142	263003	264520	0.59	cps
Uranium	238-1	5632572	5671355	5721659	5675195	0.79	cps
Vanadium	51-2	61849	62596	61836	62094	0.70	cps
Yttrium	89-1	10186631	10166515	9603374	9985507	3.32	cps
Yttrium	89-2	342613	344019	341614	342748	0.35	cps
Zinc	66-2	27775	28262	27561	27866	1.29	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:11:51	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3280739	3329698	3348799	3319746	1.06	cps
Zirconium	91-1	718581	720962	726040	721861	0.53	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	67	36	74.18	cps
Antimony	121-1	4701	4576	4693	4657	1.50	cps
Arsenic	75-2	19	9	13	14	34.32	cps
Barium	135-1	75	117	33	75	55.56	cps
Barium	137-1	42	142	100	94	53.19	cps
Beryllium	9-1	189	183	161	178	8.27	cps
Bismuth	209-1	8061579	7922934	7963682	7982732	0.89	cps
Bismuth	209-2	2300277	2383138	2196811	2293408	4.07	cps
Boron	10-1	4167	4042	3884	4031	3.52	cps
Boron	11-1	20449	18563	17628	18880	7.61	cps
Cadmium	111-1	1326	1316	1433	1358	4.77	cps
Cadmium	106-1	1875	1825	2009	1903	4.98	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	533	608	558	567	6.74	cps
Calcium	44-1	20224	19515	19598	19779	1.96	cps
Chromium	52-2	490	530	537	519	4.86	cps
Cobalt	59-2	87	120	100	102	16.41	cps
Copper	63-2	453	490	407	450	9.28	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	13	13	0	9	86.60	cps
Gadolinium	160-1	92	67	75	78	16.37	cps
Gadolinium	160-2	17	7	13	12	41.65	cps
Holmium	165-1	12361636	12172064	12415390	12316363	1.04	cps
Holmium	165-2	2856260	2928601	2680640	2821834	4.52	cps
Indium	115-1	10058528	9922283	10134552	10038455	1.07	cps
Indium	115-2	461334	469999	436716	456016	3.79	cps
Iron	56-2	1789	1878	1822	1830	2.45	cps
Iron	57-2	61	11	50	41	64.44	cps
Krypton	83-1	347	400	407	384	8.55	cps
Lead	206-1	572	694	694	654	10.80	cps
Lead	207-1	617	556	622	598	6.18	cps
Lead	208-1	2445	2572	2700	2572	4.97	cps
Lithium	6-1	2209364	2215883	2194620	2206622	0.49	cps
Magnesium	24-2	333	267	275	292	12.45	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	50	27	34	39.10	cps
Molybdenum	94-1	2684	2759	2392	2611	7.42	cps
Molybdenum	95-1	1700	1383	1442	1508	11.17	cps
Molybdenum	96-1	2017	2034	1750	1934	8.23	cps
Molybdenum	97-1	1075	975	833	961	12.63	cps
Molybdenum	98-1	2767	2609	2400	2592	7.10	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	147	123	129	12.22	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2809	2609	3067	2828	8.13	cps
Rhodium	103-1	9379780	9470754	9492593	9447709	0.63	cps
Rhodium	103-2	2764198	2824317	2579416	2722644	4.69	cps
Scandium	45-1	5986984	5996209	5978834	5987342	0.15	cps
Scandium	45-2	50554	52347	48330	50410	3.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-27	-36	-10	-24	-52.94	cps
Silicon	28-1	277267	281072	276178	278172	0.92	cps
Silver	109-1	183	125	158	156	18.81	cps
Silver	107-1	142	225	208	192	23.01	cps
Sodium	23-2	7361	7144	7769	7425	4.28	cps
Strontium	86-1	625	542	608	592	7.45	cps
Strontium	88-1	375	342	300	339	11.09	cps
Sulfur	34-1	356607	360397	357256	358087	0.57	cps
Terbium	159-1	12756931	12551806	12658337	12655691	0.81	cps
Terbium	159-2	2738828	2832009	2543474	2704771	5.44	cps
Thallium	203-1	958	1083	958	1000	7.22	cps
Thallium	205-1	2534	2367	2342	2414	4.32	cps
Tin	118-1	2484	2284	2259	2342	5.27	cps
Titanium	47-1	175	125	192	164	21.17	cps
Uranium	238-1	367	217	217	267	32.48	cps
Vanadium	51-2	13	0	13	9	86.60	cps
Yttrium	89-1	10486458	10310807	10264210	10353825	1.13	cps
Yttrium	89-2	348674	350215	327308	342066	3.74	cps
Zinc	66-2	120	133	153	136	12.38	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:16:15	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5010	4876	4643	4843	3.83	cps
Zirconium	91-1	1058	1058	1017	1045	2.30	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600432	590610	588174	593072	1.09	cps
Antimony	121-1	12023	11147	11714	11628	3.82	cps
Arsenic	75-2	19	22	35	25	34.59	cps
Barium	135-1	3009	2575	2742	2775	7.88	cps
Barium	137-1	4551	4393	4759	4568	4.03	cps
Beryllium	9-1	456	494	572	507	11.71	cps
Bismuth	209-1	7714016	7679402	7858856	7750758	1.23	cps
Bismuth	209-2	2188425	2225265	2174000	2195897	1.20	cps
Boron	10-1	3392	3059	2942	3131	7.46	cps
Boron	11-1	15309	14950	14366	14875	3.20	cps
Cadmium	111-1	2419	1587	2024	2010	20.70	cps
Cadmium	106-1	2167	1584	2017	1922	15.76	cps
Cadmium	108-1	992	1233	1192	1139	11.34	cps
Calcium	43-1	1908060	1901581	1919898	1909846	0.49	cps
Calcium	44-1	30975811	30992752	30975013	30981192	0.03	cps
Chromium	52-2	17368	16847	17214	17143	1.56	cps
Cobalt	59-2	2020	2080	2184	2095	3.94	cps
Copper	63-2	12002	12232	12526	12253	2.14	cps
Dysprosium	156-1	50	58	17	42	52.91	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	25	75	58	53	48.24	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	125	117	125	122	3.94	cps
Gadolinium	160-2	20	30	20	23	24.74	cps
Holmium	165-1	12520370	12392240	12610330	12507647	0.88	cps
Holmium	165-2	2808615	2890951	2809691	2836419	1.67	cps
Indium	115-1	9705845	9871569	9918799	9832071	1.14	cps
Indium	115-2	435155	452611	439605	442457	2.05	cps
Iron	56-2	56551136	56410546	56238533	56400072	0.28	cps
Iron	57-2	1436962	1438827	1410078	1428622	1.13	cps
Krypton	83-1	350	373	317	347	8.22	cps
Lead	206-1	26361	26244	26211	26272	0.30	cps
Lead	207-1	21263	21190	20578	21010	1.79	cps
Lead	208-1	101131	100613	99354	100366	0.91	cps
Lithium	6-1	2141169	2142218	2194640	2159342	1.42	cps
Magnesium	24-2	3070434	3068908	3066204	3068515	0.07	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1984	1874	2044	1967	4.38	cps
Molybdenum	94-1	3946344	3937022	3960938	3948101	0.31	cps
Molybdenum	95-1	6901769	6896862	6890862	6896498	0.08	cps
Molybdenum	96-1	7360673	7339554	7331069	7343765	0.21	cps
Molybdenum	97-1	4364779	4364028	4411533	4380113	0.62	cps
Molybdenum	98-1	11100068	10994001	11042848	11045639	0.48	cps
Neodymium	150-1	60	33	27	40	44.09	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	2920	3050	2974	2981	2.19	cps
Phosphorus	31-2	40492	40016	40384	40297	0.62	cps
Potassium	39-2	1662533	1653099	1654515	1656716	0.31	cps
Rhodium	103-1	9068864	9039970	9218955	9109263	1.05	cps
Rhodium	103-2	2576651	2690480	2584185	2617106	2.43	cps
Scandium	45-1	5982621	5981045	6090886	6018184	1.05	cps
Scandium	45-2	50150	51039	50089	50426	1.05	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-11	-21	51	6	611.22	cps
Silicon	28-1	396278	412393	398810	402494	2.15	cps
Silver	109-1	558	758	708	675	15.42	cps
Silver	107-1	525	808	717	683	21.16	cps
Sodium	23-2	7056437	7085133	7051067	7064212	0.26	cps
Strontium	86-1	76624	75291	76658	76191	1.02	cps
Strontium	88-1	657557	655931	652204	655230	0.42	cps
Sulfur	34-1	2631747	2613812	2594721	2613427	0.71	cps
Terbium	159-1	12755928	12856793	13009650	12874124	0.99	cps
Terbium	159-2	2685814	2757917	2691614	2711782	1.48	cps
Thallium	203-1	1542	1575	1834	1650	9.68	cps
Thallium	205-1	3484	3876	3684	3681	5.32	cps
Tin	118-1	2459	2284	2025	2256	9.67	cps
Titanium	47-1	1966046	1945232	1950158	1953812	0.56	cps
Uranium	238-1	533	567	442	514	12.60	cps
Vanadium	51-2	123	93	87	101	19.32	cps
Yttrium	89-1	10390558	10394077	10538409	10441015	0.81	cps
Yttrium	89-2	338110	346591	335982	340227	1.65	cps
Zinc	66-2	1607	1663	1673	1648	2.18	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:19:35	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17245	13424	11364	14011	21.30	cps
Zirconium	91-1	3742	3117	2950	3270	12.77	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590161	590612	587813	589529	0.25	cps
Antimony	121-1	174686	176190	174409	175095	0.55	cps
Arsenic	75-2	1941	1835	1893	1890	2.80	cps
Barium	135-1	37295	38398	37454	37716	1.58	cps
Barium	137-1	65321	66200	67137	66219	1.37	cps
Beryllium	9-1	25000	24866	24777	24881	0.45	cps
Bismuth	209-1	7638392	7754990	7809563	7734315	1.13	cps
Bismuth	209-2	2235544	2262670	2272607	2256941	0.85	cps
Boron	10-1	10421	9670	10004	10032	3.75	cps
Boron	11-1	45724	47129	46426	46426	1.51	cps
Cadmium	111-1	37344	36668	37698	37236	1.41	cps
Cadmium	106-1	6460	6252	6335	6349	1.65	cps
Cadmium	108-1	3530	3905	3705	3713	5.06	cps
Calcium	43-1	1889164	1883091	1907240	1893165	0.66	cps
Calcium	44-1	30654380	30795592	30856438	30768803	0.34	cps
Chromium	52-2	35281	34576	34747	34868	1.06	cps
Cobalt	59-2	38630	38483	38520	38545	0.20	cps
Copper	63-2	44267	43027	43067	43454	1.62	cps
Dysprosium	156-1	25	33	75	44	60.28	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	92	100	50	81	33.26	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	100	125	58	94	35.66	cps
Gadolinium	160-2	17	23	13	18	28.64	cps
Holmium	165-1	12186618	12543099	12486016	12405244	1.54	cps
Holmium	165-2	2864238	2912432	2894246	2890305	0.84	cps
Indium	115-1	9540613	9804733	9884480	9743275	1.85	cps
Indium	115-2	446718	446509	445891	446373	0.10	cps
Iron	56-2	55737736	56186479	56062307	55995507	0.41	cps
Iron	57-2	1421692	1420978	1417532	1420067	0.16	cps
Krypton	83-1	370	353	297	340	11.31	cps
Lead	206-1	132422	132748	135571	133580	1.30	cps
Lead	207-1	110908	113318	112668	112298	1.11	cps
Lead	208-1	518875	519656	524184	520905	0.55	cps
Lithium	6-1	2126490	2208932	2173880	2169768	1.91	cps
Magnesium	24-2	3039034	3039320	3040163	3039506	0.02	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6582	6798	6488	6623	2.40	cps
Molybdenum	94-1	4264261	4300578	4276406	4280415	0.43	cps
Molybdenum	95-1	7127724	7045512	7084611	7085949	0.58	cps
Molybdenum	96-1	7639020	7628789	7653378	7640396	0.16	cps
Molybdenum	97-1	4499741	4457795	4506672	4488070	0.59	cps
Molybdenum	98-1	11306958	11363958	11414454	11361790	0.47	cps
Neodymium	150-1	47	27	47	40	28.87	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	13670	13884	13934	13829	1.01	cps
Phosphorus	31-2	39640	40367	40375	40127	1.05	cps
Potassium	39-2	1649965	1664267	1631465	1648566	1.00	cps
Rhodium	103-1	8797134	9145022	9075550	9005902	2.04	cps
Rhodium	103-2	2654924	2640799	2603196	2632973	1.02	cps
Scandium	45-1	5786431	5950328	5945110	5893956	1.58	cps
Scandium	45-2	50571	50370	50791	50577	0.42	cps
Selenium	77-2	10	13	30	18	60.28	cps
Selenium	78-2	50	56	43	49	13.18	cps
Selenium	82-1	2122	2002	2129	2084	3.42	cps
Silicon	28-1	611179	608981	601790	607317	0.81	cps
Silver	109-1	157713	157925	159308	158315	0.55	cps
Silver	107-1	165537	168870	168718	167708	1.12	cps
Sodium	23-2	7008072	7037842	6989153	7011689	0.35	cps
Strontium	86-1	192743	194491	194213	193816	0.48	cps
Strontium	88-1	1719340	1731330	1698316	1716329	0.97	cps
Sulfur	34-1	2579091	2584195	2549156	2570814	0.74	cps
Terbium	159-1	12611525	12949722	12956754	12839334	1.54	cps
Terbium	159-2	2758304	2764479	2761939	2761574	0.11	cps
Thallium	203-1	133958	133951	135559	134490	0.69	cps
Thallium	205-1	320025	321794	324364	322061	0.68	cps
Tin	118-1	301217	301453	305168	302613	0.73	cps
Titanium	47-1	2001988	1997351	1997778	1999039	0.13	cps
Uranium	238-1	1108318	1109070	1113275	1110221	0.24	cps
Vanadium	51-2	12623	12489	12102	12405	2.18	cps
Yttrium	89-1	10207025	10556414	10400125	10387854	1.68	cps
Yttrium	89-2	345427	340817	343451	343232	0.67	cps
Zinc	66-2	4274	4598	4101	4324	5.83	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:22:50	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	635306	643064	640694	639688	0.62	cps
Zirconium	91-1	142211	140208	142615	141678	0.91	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330571	331074	332819	331488	0.36	cps
Antimony	121-1	4142986	4151741	4154544	4149757	0.15	cps
Arsenic	75-2	47840	48037	48388	48088	0.58	cps
Barium	135-1	4437482	4463205	4440775	4447154	0.31	cps
Barium	137-1	7694024	7685616	7631153	7670264	0.44	cps
Beryllium	9-1	602159	607992	606261	605470	0.49	cps
Bismuth	209-1	7658019	7588352	7689287	7645219	0.68	cps
Bismuth	209-2	2241304	2235949	2183996	2220416	1.43	cps
Boron	10-1	69343	72199	72844	71462	2.61	cps
Boron	11-1	326223	333870	340897	333663	2.20	cps
Cadmium	111-1	867984	866614	865544	866714	0.14	cps
Cadmium	106-1	93062	95679	94456	94399	1.39	cps
Cadmium	108-1	61808	62005	62209	62007	0.32	cps
Calcium	43-1	4779249	4793566	4733831	4768882	0.65	cps
Calcium	44-1	78468573	78421150	78967631	78619118	0.39	cps
Chromium	52-2	444697	447424	447729	446616	0.37	cps
Cobalt	59-2	907987	917157	921472	915539	0.75	cps
Copper	63-2	1513512	1523998	1523889	1520466	0.40	cps
Dysprosium	156-1	50	100	83	78	32.73	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	117	108	94	33.40	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	12422811	12264410	12549544	12412255	1.15	cps
Holmium	165-2	2933475	2904241	2867857	2901858	1.13	cps
Indium	115-1	9661436	9536391	9885641	9694490	1.83	cps
Indium	115-2	451849	448238	442603	447563	1.04	cps
Iron	56-2	72056224	71800529	73133549	72330101	0.98	cps
Iron	57-2	1832841	1862066	1860425	1851777	0.89	cps
Krypton	83-1	280	333	330	314	9.50	cps
Lead	206-1	2716422	2714503	2701659	2710861	0.30	cps
Lead	207-1	2468604	2516592	2459127	2481441	1.24	cps
Lead	208-1	11121801	11083857	11030666	11078775	0.41	cps
Lithium	6-1	2098581	2126651	2152907	2126046	1.28	cps
Magnesium	24-2	7836049	7917710	7994672	7916143	1.00	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243147	245308	246154	244870	0.63	cps
Molybdenum	94-1	7368030	7255242	7327671	7316981	0.78	cps
Molybdenum	95-1	8963864	8980463	8881592	8941973	0.59	cps
Molybdenum	96-1	9969831	10024225	9915848	9969968	0.54	cps
Molybdenum	97-1	5613882	5634825	5680507	5643072	0.60	cps
Molybdenum	98-1	14424719	14300247	14295282	14340082	0.51	cps
Neodymium	150-1	247	200	173	207	17.96	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	266346	268004	268250	267534	0.39	cps
Phosphorus	31-2	4209	4026	3967	4067	3.10	cps
Potassium	39-2	2128435	2112074	2142597	2127702	0.72	cps
Rhodium	103-1	8886094	8710357	8910728	8835726	1.24	cps
Rhodium	103-2	2630029	2622582	2563942	2605518	1.39	cps
Scandium	45-1	5922423	5796876	6030553	5916617	1.98	cps
Scandium	45-2	51768	51012	50829	51203	0.97	cps
Selenium	77-2	380	300	297	326	14.49	cps
Selenium	78-2	1178	1154	1206	1179	2.20	cps
Selenium	82-1	54252	53962	54180	54131	0.28	cps
Silicon	28-1	2098704	2111699	2114175	2108193	0.39	cps
Silver	109-1	4134024	4112042	4136809	4127625	0.33	cps
Silver	107-1	4409925	4363626	4355801	4376451	0.67	cps
Sodium	23-2	17963578	18035345	18105640	18034854	0.39	cps
Strontium	86-1	1136632	1135328	1140934	1137631	0.26	cps
Strontium	88-1	9881917	9779526	9766576	9809340	0.64	cps
Sulfur	34-1	638680	634931	633938	635850	0.39	cps
Terbium	159-1	12935933	12596524	12943185	12825214	1.54	cps
Terbium	159-2	2810877	2782011	2729880	2774256	1.48	cps
Thallium	203-1	3315937	3334371	3347045	3332451	0.47	cps
Thallium	205-1	7929222	7858220	7878630	7888690	0.46	cps
Tin	118-1	2940847	2899055	2919365	2919756	0.72	cps
Titanium	47-1	2501302	2456402	2464405	2474037	0.97	cps
Uranium	238-1	10776768	10615286	10612474	10668176	0.88	cps
Vanadium	51-2	323268	324698	328712	325559	0.87	cps
Yttrium	89-1	10368270	10100565	10466729	10311855	1.84	cps
Yttrium	89-2	352672	348803	344224	348567	1.21	cps
Zinc	66-2	132439	133664	133249	133117	0.47	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P8
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:26:03	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6205120	6139725	6112882	6152576	0.77	cps
Zirconium	91-1	1375149	1359933	1358277	1364453	0.68	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	42	25	66.68	cps
Antimony	121-1	5193	5368	5193	5251	1.92	cps
Arsenic	75-2	6	15	2	7	90.11	cps
Barium	135-1	175	108	67	117	46.84	cps
Barium	137-1	133	217	167	172	24.35	cps
Beryllium	9-1	256	206	222	228	11.18	cps
Bismuth	209-1	8015680	7915256	8156248	8029062	1.51	cps
Bismuth	209-2	2369996	2257734	2320241	2315990	2.43	cps
Boron	10-1	2067	2217	2284	2189	5.07	cps
Boron	11-1	11730	10880	10621	11077	5.24	cps
Cadmium	111-1	1477	1412	1430	1440	2.32	cps
Cadmium	106-1	2067	1959	2000	2009	2.72	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	625	508	558	564	10.38	cps
Calcium	44-1	22144	22235	21809	22063	1.02	cps
Chromium	52-2	613	527	553	564	7.86	cps
Cobalt	59-2	93	90	87	90	3.71	cps
Copper	63-2	513	647	483	548	15.87	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	17	58	47	56.72	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	58	100	108	89	30.13	cps
Gadolinium	160-2	7	20	0	9	114.55	cps
Holmium	165-1	12250167	12306683	12494757	12350536	1.04	cps
Holmium	165-2	2911367	2772994	2813859	2832740	2.51	cps
Indium	115-1	10020368	9996600	10130990	10049319	0.71	cps
Indium	115-2	468175	440210	458023	455469	3.11	cps
Iron	56-2	3412	3412	3100	3308	5.43	cps
Iron	57-2	67	89	83	80	14.52	cps
Krypton	83-1	327	347	363	346	5.31	cps
Lead	206-1	1117	1139	1122	1126	1.03	cps
Lead	207-1	1061	1050	839	983	12.73	cps
Lead	208-1	4512	4484	4184	4393	4.14	cps
Lithium	6-1	2190753	2162000	2186248	2179667	0.71	cps
Magnesium	24-2	350	375	383	369	4.70	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	43	27	41	32.76	cps
Molybdenum	94-1	2525	2317	2409	2417	4.32	cps
Molybdenum	95-1	3217	2934	2592	2914	10.74	cps
Molybdenum	96-1	3551	3309	2792	3217	12.04	cps
Molybdenum	97-1	2159	1925	1609	1897	14.55	cps
Molybdenum	98-1	5176	4318	4393	4629	10.27	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	157	173	152	15.54	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	3251	3059	2842	3050	6.70	cps
Rhodium	103-1	9387152	9353638	9431937	9390909	0.42	cps
Rhodium	103-2	2816987	2635366	2749699	2734017	3.36	cps
Scandium	45-1	5909233	5872221	5939281	5906912	0.57	cps
Scandium	45-2	51367	48454	50374	50065	2.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	29	-24	1	2	1509.98	cps
Silicon	28-1	279232	274901	275658	276597	0.84	cps
Silver	109-1	300	225	242	256	15.41	cps
Silver	107-1	367	467	358	397	15.18	cps
Sodium	23-2	9762	9003	9287	9351	4.10	cps
Strontium	86-1	542	692	708	647	14.18	cps
Strontium	88-1	308	308	242	286	13.45	cps
Sulfur	34-1	358982	355644	357104	357243	0.47	cps
Terbium	159-1	12694236	12701235	12867760	12754411	0.77	cps
Terbium	159-2	2788882	2619753	2723749	2710795	3.15	cps
Thallium	203-1	1158	917	917	997	13.99	cps
Thallium	205-1	2650	2809	2417	2625	7.51	cps
Tin	118-1	4051	3976	3951	3992	1.30	cps
Titanium	47-1	200	242	242	228	10.56	cps
Uranium	238-1	258	242	183	228	17.29	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	10384659	10259699	10330844	10325067	0.61	cps
Yttrium	89-2	351309	329407	344711	341809	3.29	cps
Zinc	66-2	150	120	137	136	11.09	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P8
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:31:04	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2500	2467	2075	2348	10.07	cps
Zirconium	91-1	450	458	558	489	12.33	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	100	208	164	34.61	cps
Antimony	121-1	18321	18063	18480	18288	1.15	cps
Arsenic	75-2	96	124	85	102	19.67	cps
Barium	135-1	16887	18138	16761	17262	4.41	cps
Barium	137-1	30545	29910	29200	29885	2.25	cps
Beryllium	9-1	1472	1333	1528	1445	6.93	cps
Bismuth	209-1	8088100	8057782	7931418	8025767	1.04	cps
Bismuth	209-2	2333799	2321046	2346243	2333696	0.54	cps
Boron	10-1	4668	5001	5568	5079	8.96	cps
Boron	11-1	23053	22969	24305	23442	3.19	cps
Cadmium	111-1	2869	3332	3077	3093	7.50	cps
Cadmium	106-1	1700	2367	2150	2072	16.41	cps
Cadmium	108-1	179	154	100	144	28.02	cps
Calcium	43-1	9562	10087	10246	9965	3.59	cps
Calcium	44-1	177601	175399	177643	176881	0.73	cps
Chromium	52-2	2420	2367	2107	2298	7.30	cps
Cobalt	59-2	1940	1994	2017	1984	1.98	cps
Copper	63-2	3664	3691	3864	3739	2.90	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	13	13	0	9	86.60	cps
Gadolinium	160-1	58	117	42	72	54.52	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	12402046	12391486	12234792	12342775	0.76	cps
Holmium	165-2	2930102	2896689	2888744	2905178	0.76	cps
Indium	115-1	10041296	9971841	9953516	9988884	0.46	cps
Indium	115-2	468323	458241	466011	464192	1.14	cps
Iron	56-2	31809	32422	31648	31959	1.28	cps
Iron	57-2	739	811	756	769	4.92	cps
Krypton	83-1	363	357	310	343	8.46	cps
Lead	206-1	6535	6574	6285	6465	2.43	cps
Lead	207-1	5746	5590	5551	5629	1.83	cps
Lead	208-1	25955	26250	25211	25805	2.08	cps
Lithium	6-1	2176943	2180379	2170656	2175993	0.23	cps
Magnesium	24-2	15609	16101	15301	15670	2.58	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	287	250	296	17.12	cps
Molybdenum	94-1	16678	16536	16886	16700	1.06	cps
Molybdenum	95-1	19131	18922	18947	19000	0.60	cps
Molybdenum	96-1	21468	21835	21476	21593	0.97	cps
Molybdenum	97-1	11722	11722	12390	11945	3.23	cps
Molybdenum	98-1	30719	30744	30477	30647	0.48	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	713	707	777	732	5.28	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	10913	11138	10905	10985	1.21	cps
Rhodium	103-1	9440795	9440648	9477545	9452996	0.22	cps
Rhodium	103-2	2799991	2737407	2772846	2770082	1.13	cps
Scandium	45-1	5988068	5955589	5861573	5935076	1.11	cps
Scandium	45-2	51678	50350	51257	51095	1.33	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	11	11	15	12	17.31	cps
Selenium	82-1	507	482	560	516	7.79	cps
Silicon	28-1	333225	334481	336032	334579	0.42	cps
Silver	109-1	8745	8512	8320	8525	2.50	cps
Silver	107-1	8945	9545	9679	9390	4.16	cps
Sodium	23-2	43852	43384	45315	44184	2.28	cps
Strontium	86-1	2967	2567	2834	2789	7.30	cps
Strontium	88-1	20216	19315	20207	19913	2.60	cps
Sulfur	34-1	355218	359229	358249	357566	0.58	cps
Terbium	159-1	12805881	12747298	12628147	12727109	0.71	cps
Terbium	159-2	2781403	2738221	2745457	2755027	0.84	cps
Thallium	203-1	7544	7603	7794	7647	1.71	cps
Thallium	205-1	17947	17913	17629	17830	0.98	cps
Tin	118-1	29951	30469	29793	30071	1.18	cps
Titanium	47-1	4834	4693	5160	4896	4.89	cps
Uranium	238-1	20676	20943	21628	21083	2.33	cps
Vanadium	51-2	3134	3130	3330	3198	3.58	cps
Yttrium	89-1	10456815	10381526	10262366	10366902	0.95	cps
Yttrium	89-2	350057	344539	347692	347429	0.80	cps
Zinc	66-2	467	453	460	460	1.45	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:34:24	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17270	16102	16235	16536	3.87	cps
Zirconium	91-1	3926	3451	3767	3715	6.51	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	242	258	261	8.03	cps
Antimony	121-1	4926	4851	5185	4987	3.51	cps
Arsenic	75-2	833	782	787	801	3.56	cps
Barium	135-1	143235	142638	142468	142780	0.28	cps
Barium	137-1	250260	247262	246440	247987	0.81	cps
Beryllium	9-1	194	211	189	198	5.84	cps
Bismuth	209-1	8721546	8720086	8683894	8708509	0.24	cps
Bismuth	209-2	2450316	2444764	2476760	2457280	0.70	cps
Boron	10-1	6068	6077	6318	6154	2.31	cps
Boron	11-1	29515	29582	28972	29356	1.14	cps
Cadmium	111-1	24971	24582	23974	24509	2.05	cps
Cadmium	106-1	4634	3967	4268	4290	7.79	cps
Cadmium	108-1	1471	1521	1521	1504	1.92	cps
Calcium	43-1	4608939	4500610	4481766	4530438	1.51	cps
Calcium	44-1	75649670	74092054	73394977	74378900	1.55	cps
Chromium	52-2	603	650	673	642	5.55	cps
Cobalt	59-2	15108	15128	14938	15058	0.69	cps
Copper	63-2	28813	28142	27795	28250	1.83	cps
Dysprosium	156-1	5101	5476	5076	5218	4.30	cps
Dysprosium	156-2	1213	1270	1243	1242	2.28	cps
Erbium	164-1	4351	4243	4434	4343	2.21	cps
Erbium	164-2	987	890	813	897	9.69	cps
Gadolinium	160-1	5476	5351	5635	5488	2.59	cps
Gadolinium	160-2	1567	1587	1617	1590	1.58	cps
Holmium	165-1	14047613	13829678	13840437	13905909	0.88	cps
Holmium	165-2	3097027	3092859	3118261	3102715	0.44	cps
Indium	115-1	11056092	10862605	10848567	10922421	1.06	cps
Indium	115-2	475405	474105	470160	473223	0.58	cps
Iron	56-2	131189	131076	129943	130736	0.53	cps
Iron	57-2	3484	3551	3645	3560	2.27	cps
Krypton	83-1	357	370	430	386	10.13	cps
Lead	206-1	4034	3806	3484	3775	7.32	cps
Lead	207-1	3295	2989	2906	3063	6.69	cps
Lead	208-1	15593	14654	13920	14722	5.70	cps
Lithium	6-1	2390471	2387865	2370901	2383079	0.45	cps
Magnesium	24-2	1651716	1648356	1627419	1642497	0.80	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2384593	2364300	2341633	2363509	0.91	cps
Molybdenum	94-1	5176	4651	4067	4632	11.98	cps
Molybdenum	95-1	1684	1492	1650	1609	6.37	cps
Molybdenum	96-1	2317	2100	2009	2142	7.39	cps
Molybdenum	97-1	958	950	742	883	13.90	cps
Molybdenum	98-1	2384	2259	2000	2214	8.83	cps
Neodymium	150-1	6535	6609	6375	6506	1.84	cps
Neodymium	150-2	880	877	857	871	1.45	cps
Nickel	60-2	1870	1944	1944	1919	2.21	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	139260	138255	140882	139466	0.95	cps
Rhodium	103-1	9996762	9894431	9837950	9909714	0.81	cps
Rhodium	103-2	2845557	2843842	2813708	2834369	0.63	cps
Scandium	45-1	6589702	6450635	6421586	6487308	1.39	cps
Scandium	45-2	51952	52779	51237	51989	1.48	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	59	39	3	34	83.91	cps
Silicon	28-1	2298605	2262891	2240298	2267265	1.30	cps
Silver	109-1	2167	2434	2967	2523	16.15	cps
Silver	107-1	1917	3059	2950	2642	23.86	cps
Sodium	23-2	19607371	19537759	19396658	19513929	0.55	cps
Strontium	86-1	1970648	1923563	1932273	1942162	1.29	cps
Strontium	88-1	16980437	16664970	16552366	16732591	1.33	cps
Sulfur	34-1	10891964	10725483	10652463	10756636	1.14	cps
Terbium	159-1	14382870	14368309	14260699	14337293	0.47	cps
Terbium	159-2	2972516	2958398	2959359	2963424	0.27	cps
Thallium	203-1	3734	3501	3701	3645	3.46	cps
Thallium	205-1	8662	8495	8628	8595	1.03	cps
Tin	118-1	2859	2800	2725	2795	2.39	cps
Titanium	47-1	483	483	450	472	4.08	cps
Uranium	238-1	20384	19842	20150	20125	1.35	cps
Vanadium	51-2	27	43	40	37	24.04	cps
Yttrium	89-1	11632112	11558410	11344024	11511515	1.30	cps
Yttrium	89-2	366530	363744	357101	362458	1.34	cps
Zinc	66-2	151712	150931	150384	151009	0.44	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:37:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11405	9754	8295	9818	15.85	cps
Zirconium	91-1	2584	2534	2267	2461	6.92	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	42	36	48.03	cps
Antimony	121-1	1083	1108	1392	1195	14.34	cps
Arsenic	75-2	106	87	83	92	12.95	cps
Barium	135-1	13291	13265	13149	13235	0.57	cps
Barium	137-1	23597	24340	23497	23811	1.94	cps
Beryllium	9-1	189	172	161	174	8.03	cps
Bismuth	209-1	8306107	8167331	8247013	8240151	0.85	cps
Bismuth	209-2	2329574	2386409	2329857	2348613	1.39	cps
Boron	10-1	2142	2009	2017	2056	3.63	cps
Boron	11-1	9062	8786	9012	8953	1.64	cps
Cadmium	111-1	3638	3728	3675	3681	1.22	cps
Cadmium	106-1	2184	2200	2050	2145	3.83	cps
Cadmium	108-1	171	167	133	157	13.10	cps
Calcium	43-1	423920	426636	423321	424626	0.42	cps
Calcium	44-1	7003157	7015000	6936477	6984878	0.61	cps
Chromium	52-2	527	560	550	546	3.13	cps
Cobalt	59-2	1397	1297	1503	1399	7.39	cps
Copper	63-2	3447	3484	3454	3462	0.56	cps
Dysprosium	156-1	467	533	433	478	10.66	cps
Dysprosium	156-2	107	103	143	118	18.84	cps
Erbium	164-1	400	583	433	472	20.68	cps
Erbium	164-2	100	90	80	90	11.11	cps
Gadolinium	160-1	608	575	583	589	2.95	cps
Gadolinium	160-2	113	127	130	123	7.15	cps
Holmium	165-1	12774201	12753646	12814577	12780808	0.24	cps
Holmium	165-2	2906695	2950216	2888296	2915069	1.09	cps
Indium	115-1	10205963	10183887	10132772	10174207	0.37	cps
Indium	115-2	455501	458094	453341	455645	0.52	cps
Iron	56-2	14374	14146	14886	14469	2.62	cps
Iron	57-2	378	317	328	341	9.55	cps
Krypton	83-1	390	317	353	353	10.38	cps
Lead	206-1	989	1317	1117	1141	14.48	cps
Lead	207-1	1000	922	1095	1006	8.58	cps
Lead	208-1	4706	4662	4484	4617	2.55	cps
Lithium	6-1	2193353	2158789	2170952	2174364	0.81	cps
Magnesium	24-2	153950	153512	156132	154531	0.91	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223521	223529	223362	223471	0.04	cps
Molybdenum	94-1	892	925	983	933	4.97	cps
Molybdenum	95-1	750	758	792	767	2.88	cps
Molybdenum	96-1	975	1008	1058	1014	4.14	cps
Molybdenum	97-1	592	508	583	561	8.18	cps
Molybdenum	98-1	1092	1183	1125	1133	4.09	cps
Neodymium	150-1	627	527	540	564	9.62	cps
Neodymium	150-2	60	90	97	82	23.76	cps
Nickel	60-2	300	353	287	313	11.26	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	15951	16327	16535	16271	1.82	cps
Rhodium	103-1	9473253	9450750	9458711	9460905	0.12	cps
Rhodium	103-2	2795362	2727720	2768817	2763966	1.23	cps
Scandium	45-1	5963831	5929336	6000598	5964588	0.60	cps
Scandium	45-2	49510	49454	48925	49296	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	-51	27	-25	-16	-240.82	cps
Silicon	28-1	480792	475998	484465	480419	0.88	cps
Silver	109-1	1017	775	725	839	18.59	cps
Silver	107-1	783	900	833	839	6.98	cps
Sodium	23-2	1915781	1902330	1894797	1904303	0.56	cps
Strontium	86-1	180039	181828	179104	180324	0.77	cps
Strontium	88-1	1599029	1612411	1604640	1605360	0.42	cps
Sulfur	34-1	1384449	1387903	1409695	1394016	0.98	cps
Terbium	159-1	13135436	13278075	13183812	13199108	0.55	cps
Terbium	159-2	2820123	2793003	2769362	2794163	0.91	cps
Thallium	203-1	575	592	783	650	17.81	cps
Thallium	205-1	1484	1775	1550	1603	9.53	cps
Tin	118-1	3201	2634	3084	2973	10.07	cps
Titanium	47-1	150	208	175	178	16.46	cps
Uranium	238-1	1775	1725	1975	1825	7.25	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	10525372	10602654	10581219	10569748	0.38	cps
Yttrium	89-2	342468	340072	339206	340582	0.50	cps
Zinc	66-2	15045	14935	14845	14942	0.67	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	J3849-09DLX10	Instrumnet Name :	P8
Client Sample ID :	MH0B91	Dilution Factor :	10
Date & Time Acquired ::	2018-07-09 12:41:00	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1742	1650	1475	1622	8.35	cps
Zirconium	91-1	350	308	258	306	15.02	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310905	309508	310887	310433	0.26	cps
Antimony	121-1	4133670	4215053	4155299	4168007	1.01	cps
Arsenic	75-2	45109	46164	45932	45735	1.21	cps
Barium	135-1	4444251	4492479	4448821	4461850	0.60	cps
Barium	137-1	7751845	7730971	7697835	7726884	0.35	cps
Beryllium	9-1	568290	576484	577714	574163	0.89	cps
Bismuth	209-1	7905170	7994570	7902298	7934013	0.66	cps
Bismuth	209-2	2199819	2166276	2135395	2167163	1.49	cps
Boron	10-1	65709	68874	68204	67596	2.47	cps
Boron	11-1	307072	319247	324771	317030	2.86	cps
Cadmium	111-1	862133	865317	862926	863459	0.19	cps
Cadmium	106-1	92030	92784	91325	92046	0.79	cps
Cadmium	108-1	62272	62896	61485	62218	1.14	cps
Calcium	43-1	4624734	4679899	4677163	4660599	0.67	cps
Calcium	44-1	75472062	76843631	76645589	76320427	0.97	cps
Chromium	52-2	421859	423242	427435	424179	0.68	cps
Cobalt	59-2	874361	880182	882538	879027	0.48	cps
Copper	63-2	1468366	1459634	1468348	1465449	0.34	cps
Dysprosium	156-1	108	208	117	144	38.41	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	117	125	75	106	25.38	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	175	142	158	158	10.53	cps
Gadolinium	160-2	30	13	23	22	37.76	cps
Holmium	165-1	12850783	12915830	12810429	12859014	0.41	cps
Holmium	165-2	2856787	2804615	2767055	2809486	1.60	cps
Indium	115-1	9887285	9822299	9859128	9856237	0.33	cps
Indium	115-2	433792	428203	423188	428394	1.24	cps
Iron	56-2	68521508	68719589	69308875	68849991	0.59	cps
Iron	57-2	1769513	1782005	1773788	1775102	0.36	cps
Krypton	83-1	357	327	287	323	10.86	cps
Lead	206-1	2802758	2800455	2777070	2793428	0.51	cps
Lead	207-1	2549365	2529468	2542237	2540357	0.40	cps
Lead	208-1	11383831	11415141	11283097	11360689	0.61	cps
Lithium	6-1	2068142	2044351	2062395	2058296	0.60	cps
Magnesium	24-2	7439917	7398498	7449101	7429172	0.36	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	231774	232104	235525	233134	0.89	cps
Molybdenum	94-1	7318761	7309497	7303646	7310635	0.10	cps
Molybdenum	95-1	8882973	8939715	8874112	8898933	0.40	cps
Molybdenum	96-1	9909905	10025700	9916296	9950634	0.65	cps
Molybdenum	97-1	5592218	5676220	5659214	5642551	0.79	cps
Molybdenum	98-1	14214602	14309389	14176215	14233402	0.48	cps
Neodymium	150-1	267	267	273	269	1.43	cps
Neodymium	150-2	13	20	20	18	21.66	cps
Nickel	60-2	257209	256069	258561	257279	0.48	cps
Phosphorus	31-2	3651	4293	3751	3898	8.86	cps
Potassium	39-2	1986907	1974111	2013462	1991493	1.01	cps
Rhodium	103-1	8927421	8871573	8922791	8907262	0.35	cps
Rhodium	103-2	2559055	2541984	2493878	2531639	1.34	cps
Scandium	45-1	5822816	5855931	5787464	5822070	0.59	cps
Scandium	45-2	48072	47273	46637	47327	1.52	cps
Selenium	77-2	313	380	347	347	9.62	cps
Selenium	78-2	1157	1033	1091	1094	5.68	cps
Selenium	82-1	52870	53537	53386	53265	0.66	cps
Silicon	28-1	2006658	2023330	1993378	2007789	0.75	cps
Silver	109-1	4094606	4179574	4107441	4127207	1.11	cps
Silver	107-1	4343608	4414103	4332590	4363434	1.01	cps
Sodium	23-2	16696697	16910677	17013851	16873742	0.96	cps
Strontium	86-1	1111051	1140062	1123285	1124799	1.29	cps
Strontium	88-1	9663830	9911720	9791837	9789129	1.27	cps
Sulfur	34-1	597456	601398	606365	601740	0.74	cps
Terbium	159-1	13252756	13215678	13300296	13256243	0.32	cps
Terbium	159-2	2744042	2730399	2706185	2726875	0.70	cps
Thallium	203-1	3409297	3415570	3421621	3415496	0.18	cps
Thallium	205-1	8103336	8073002	8071845	8082728	0.22	cps
Tin	118-1	2930338	2961469	2900228	2930678	1.04	cps
Titanium	47-1	2408076	2411442	2393152	2404223	0.40	cps
Uranium	238-1	10995522	11067623	10807397	10956847	1.23	cps
Vanadium	51-2	305734	308113	309968	307938	0.69	cps
Yttrium	89-1	10370719	10301062	10368984	10346922	0.38	cps
Yttrium	89-2	332922	329295	326217	329478	1.02	cps
Zinc	66-2	127486	126994	127499	127326	0.23	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P8
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:47:35	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6124981	6126031	6094569	6115194	0.29	cps
Zirconium	91-1	1369422	1357070	1353312	1359935	0.62	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	33	28	17.31	cps
Antimony	121-1	5818	5176	4859	5285	9.24	cps
Arsenic	75-2	4	11	9	8	48.07	cps
Barium	135-1	142	67	92	100	38.19	cps
Barium	137-1	242	133	108	161	43.99	cps
Beryllium	9-1	272	161	267	233	26.83	cps
Bismuth	209-1	8250609	8135494	8144085	8176729	0.78	cps
Bismuth	209-2	2353575	2357146	2359454	2356725	0.13	cps
Boron	10-1	2275	2300	2342	2306	1.46	cps
Boron	11-1	11288	10946	10779	11005	2.36	cps
Cadmium	111-1	1305	1173	1437	1305	10.14	cps
Cadmium	106-1	1809	1600	1992	1800	10.89	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	708	600	608	639	9.44	cps
Calcium	44-1	21542	21351	21375	21423	0.49	cps
Chromium	52-2	573	450	493	506	12.38	cps
Cobalt	59-2	83	33	53	57	44.42	cps
Copper	63-2	507	507	483	499	2.70	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	33	17	108	53	92.52	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	12589720	12582311	12523764	12565265	0.29	cps
Holmium	165-2	2881584	2879847	2850579	2870670	0.61	cps
Indium	115-1	10062762	10069062	9965564	10032463	0.58	cps
Indium	115-2	454678	457093	451699	454490	0.59	cps
Iron	56-2	3656	3578	3184	3473	7.29	cps
Iron	57-2	89	78	44	70	32.86	cps
Krypton	83-1	317	290	323	310	5.69	cps
Lead	206-1	722	722	600	682	10.36	cps
Lead	207-1	594	539	711	615	14.30	cps
Lead	208-1	2761	2834	2722	2772	2.03	cps
Lithium	6-1	2158345	2125738	2156704	2146929	0.86	cps
Magnesium	24-2	367	233	342	314	22.58	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	27	33	26	32.81	cps
Molybdenum	94-1	2409	2342	1992	2248	9.96	cps
Molybdenum	95-1	2775	2475	1942	2398	17.61	cps
Molybdenum	96-1	2909	2609	2459	2659	8.62	cps
Molybdenum	97-1	1800	1317	1192	1436	22.37	cps
Molybdenum	98-1	4226	3467	3534	3742	11.22	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	137	103	90	110	21.85	cps
Phosphorus	31-2	0	8	33	14	124.92	cps
Potassium	39-2	2817	2825	2842	2828	0.45	cps
Rhodium	103-1	9467770	9377988	9500892	9448883	0.67	cps
Rhodium	103-2	2727827	2746806	2746934	2740522	0.40	cps
Scandium	45-1	5830542	5873882	5886521	5863648	0.50	cps
Scandium	45-2	48523	49487	49149	49053	1.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	4	54	20	26	97.89	cps
Silicon	28-1	264883	263586	266248	264906	0.50	cps
Silver	109-1	425	433	350	403	11.40	cps
Silver	107-1	358	408	442	403	10.41	cps
Sodium	23-2	10262	9687	9754	9901	3.18	cps
Strontium	86-1	575	658	658	631	7.63	cps
Strontium	88-1	567	517	458	514	10.55	cps
Sulfur	34-1	348273	356232	356120	353542	1.29	cps
Terbium	159-1	12976969	12778744	12951287	12902333	0.84	cps
Terbium	159-2	2740684	2751002	2733404	2741697	0.32	cps
Thallium	203-1	967	858	808	878	9.22	cps
Thallium	205-1	2134	1925	1559	1872	15.55	cps
Tin	118-1	4042	3492	3767	3767	7.30	cps
Titanium	47-1	208	175	183	189	9.19	cps
Uranium	238-1	250	250	225	242	5.97	cps
Vanadium	51-2	27	7	7	13	86.58	cps
Yttrium	89-1	10441190	10349988	10387821	10393000	0.44	cps
Yttrium	89-2	338175	340927	337365	338822	0.55	cps
Zinc	66-2	110	127	137	124	10.83	cps

LB Number :	LB96506	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P8
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired ::	2018-07-09 12:52:22	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2700	2350	2200	2417	10.62	cps
Zirconium	91-1	583	492	575	550	9.22	cps