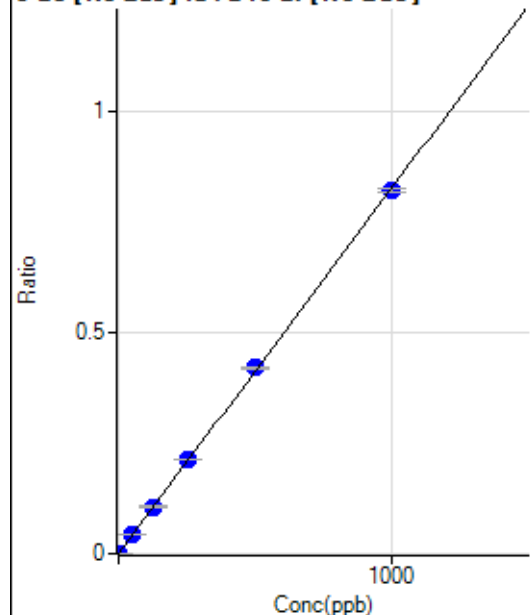


Batch Folder: D:\P8082318-MS.b\
Analysis File: P8082318-MS.batch.bin
DA Date-Time: 2018-08-23 13:22:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-23 11:31:37
2			
3	005CALS.d	S02	2018-08-23 11:39:07
4	006CALS.d	S03	2018-08-23 11:42:55
5	007CALS.d	S04	2018-08-23 11:46:40
6	008CALS.d	S05	2018-08-23 11:50:18
7	009CALS.d	S06	2018-08-23 11:53:53
8	010CALS.d	S07	2018-08-23 11:57:25
9	011CALS.d	S08	2018-08-23 12:00:52

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	39.1
2	☐	0.100					
3	☐	1.000	1.035	1055.63	0.0009	P	4.9
4	☐	50.000	52.737	54724.60	0.0436	P	2.3
5	☐	125.000	128.664	133730.39	0.1062	P	1.9
6	☐	250.000	256.967	261350.97	0.2121	P	0.5
7	☐	500.000	508.499	505606.46	0.4197	P	0.2
8	☐	1000.000	993.414	981066.57	0.8199	P	1.0
9	☐			755.60	0.0006	P	14.2

$$y = 8.2534\text{E-}004 * x + 4.1978\text{E-}005$$

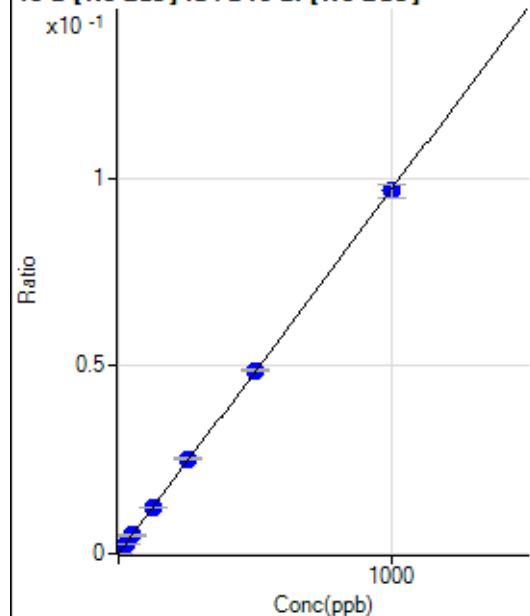
$$R = 0.9999$$

$$DL = 0.05969$$

$$BEC = 0.05086$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0001	P	53.9
2	☐	2.500					
3	☐	25.000	23.448	2750.38	0.0023	P	2.1
4	☐	50.000	49.850	6151.57	0.0049	P	3.6
5	☐	125.000	126.449	15525.62	0.0123	P	1.7
6	☐	250.000	259.488	31098.67	0.0252	P	2.2
7	☐	500.000	502.489	58812.92	0.0488	P	1.2
8	☐	1000.000	996.249	115722.20	0.0967	P	4.1
9	☐			5915.34	0.0051	P	12.4

$$y = 9.7043\text{E-}005 * x + 6.0329\text{E-}005$$

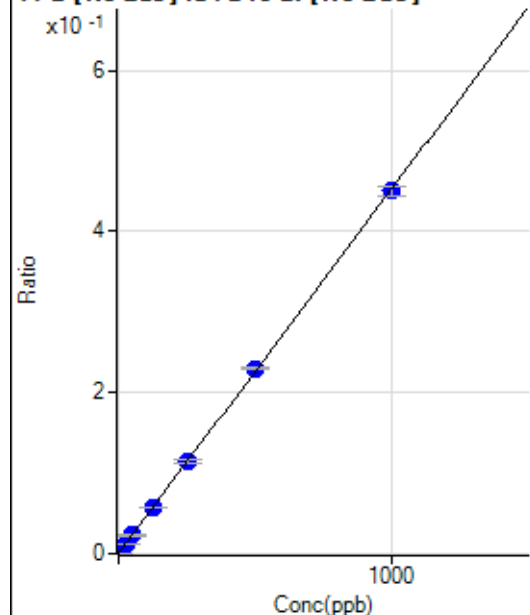
$$R = 0.9999$$

$$DL = 1.006$$

$$BEC = 0.6217$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	477.81	0.0004	P	8.6
2	☐	2.500					
3	☐	25.000	24.153	13292.87	0.0113	P	7.1
4	☐	50.000	50.385	29105.45	0.0232	P	5.0
5	☐	125.000	125.123	71693.31	0.0569	P	2.4
6	☐	250.000	252.422	141043.09	0.1145	P	2.6
7	☐	500.000	508.056	277081.79	0.2300	P	1.2
8	☐	1000.000	995.353	538663.27	0.4503	P	2.7
9	☐			26967.94	0.0232	P	8.8

$$y = 4.5195E-004 * x + 3.9985E-004$$

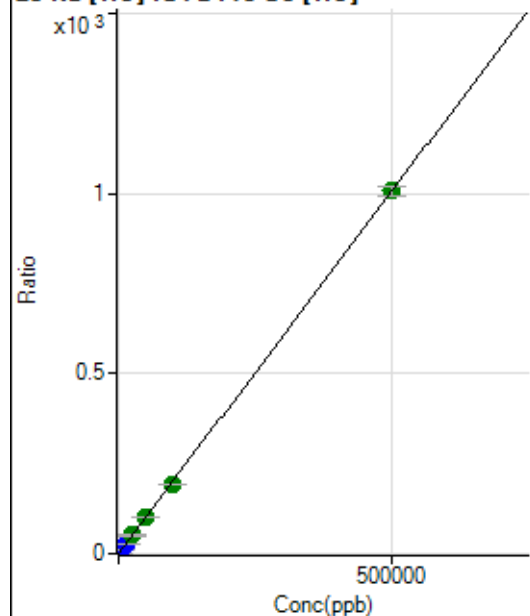
$$R = 0.9999$$

$$DL = 0.2277$$

$$BEC = 0.8847$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4200.81	0.1672	P	9.1
2	☐	50.000					
3	☐	500.000	451.571	25626.61	1.0741	P	2.4
4	☐	5000.000	5015.122	264210.14	10.2399	P	0.9
5	☐	12500.000	12202.821	638461.06	24.6762	P	1.0
6	☐	25000.000	25310.680	1241618.10	51.0029	A	2.6
7	☐	50000.000	49886.219	2369511.64	100.3621	A	1.2
8	☐	100000.00	95446.141	4580177.58	191.8678	A	2.3
9	☐	500000.00	500913.94	25539010.29	1,006.237	A	2.9

$$y = 0.0020 * x + 0.1672$$

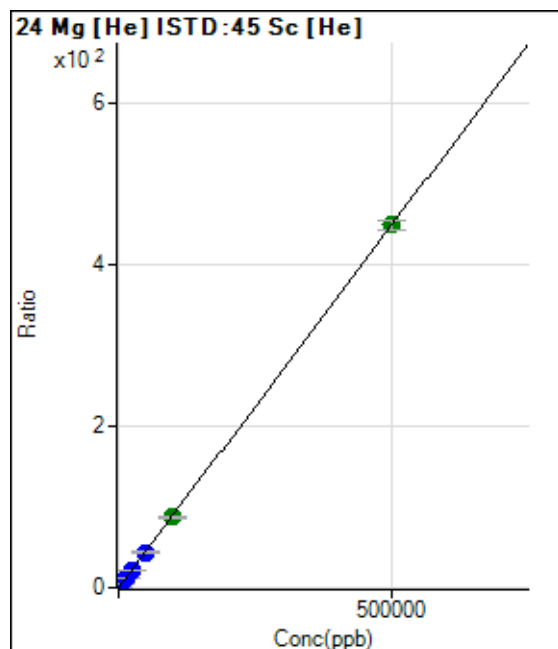
$$R = 1.0000$$

$$DL = 22.74$$

$$BEC = 83.23$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0094	P	3.9
2	☐	50.000					
3	☐	500.000	444.006	9737.10	0.4079	P	0.9
4	☐	5000.000	4996.339	115961.64	4.4944	P	2.0
5	☐	12500.000	12149.850	282440.32	10.9159	P	0.6
6	☐	25000.000	24643.924	538746.78	22.1314	P	2.7
7	☐	50000.000	49061.689	1040006.22	44.0504	P	1.3
8	☐	100000.00	97397.234	2087393.15	87.4396	A	2.1
9	☐	500000.00	500641.03	11407461.97	449.4180	A	2.5

$$y = 8.9767\text{E-}004 * x + 0.0094$$

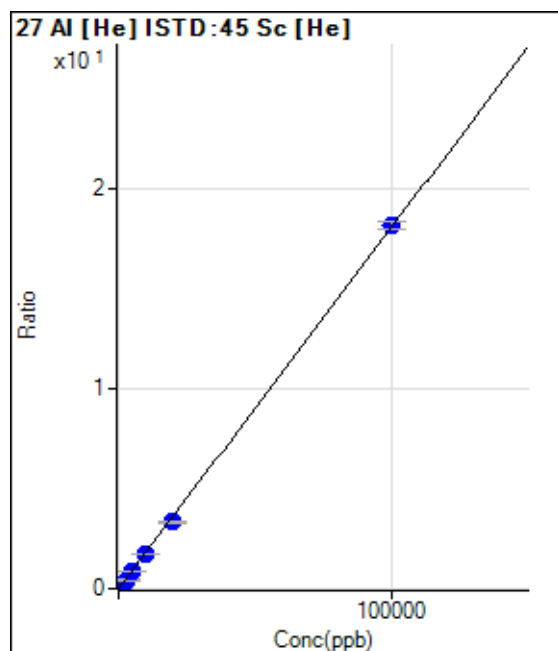
$$R = 1.0000$$

$$DL = 1.22$$

$$BEC = 10.45$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0004	P	44.2
2	☐	2.000					
3	☐	20.000	18.782	90.86	0.0038	P	21.2
4	☐	1000.000	949.716	4443.52	0.1722	P	0.2
5	☐	2500.000	2390.539	11199.82	0.4329	P	1.2
6	☐	5000.000	4759.212	20974.97	0.8614	P	1.3
7	☐	10000.000	9459.242	40409.71	1.7117	P	1.8
8	☐	20000.000	18405.690	79493.79	3.3301	P	2.5
9	☐	100000.00	100388.21	461036.97	18.1615	P	2.0

$$y = 1.8091\text{E-}004 * x + 3.9896\text{E-}004$$

$$R = 0.9999$$

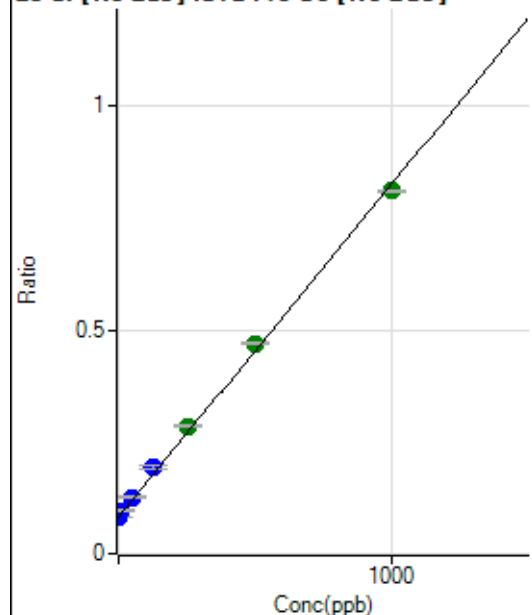
$$DL = 2.926$$

$$BEC = 2.205$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	310806.96	0.0822	P	2.0
2	☐	1.000					
3	☐	10.000	18.260	352880.51	0.0958	P	2.3
4	☐	50.000	59.347	493021.34	0.1264	P	1.2
5	☐	125.000	150.380	759293.81	0.1940	P	2.9
6	☐	250.000	271.826	1072729.65	0.2843	A	1.5
7	☐	500.000	521.253	1743818.14	0.4697	A	1.1
8	☐	1000.000	980.194	2977055.77	0.8109	A	0.8
9	☐			454609.80	0.1244	P	0.9

$$y = 7.4343\text{E-}004 * x + 0.0822$$

$$R = 0.9993$$

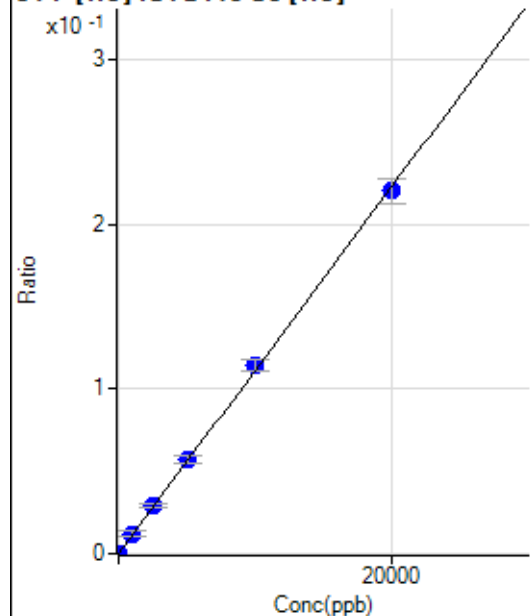
$$DL = 6.599$$

$$BEC = 110.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	0.000	0.00	0.0000	P	
4	☐	1000.000	1073.820	308.35	0.0119	P	25.7
5	☐	2500.000	2646.188	761.17	0.0294	P	7.3
6	☐	5000.000	5166.201	1397.36	0.0575	P	8.0
7	☐	10000.000	10293.152	2703.17	0.1145	P	6.2
8	☐	20000.000	19789.909	5251.21	0.2201	P	6.6
9	☐			8.33	0.0003	P	98.2

$$y = 1.1121\text{E-}005 * x + 0.0000\text{E+}000$$

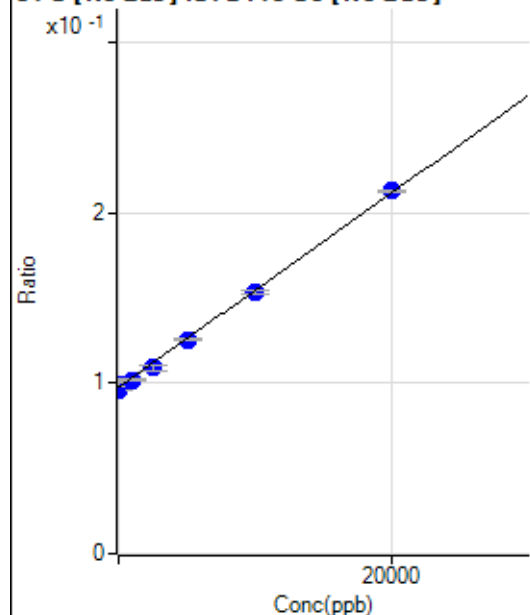
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-287.372	363325.97	0.0961	P	1.2
2	☐	0.000					
3	☐	0.000	287.372	366050.83	0.0994	P	3.1
4	☐	1000.000	754.533	398279.38	0.1021	P	1.3
5	☐	2500.000	2018.444	427705.42	0.1093	P	2.7
6	☐	5000.000	4928.318	475083.67	0.1259	P	0.9
7	☐	10000.000	9794.825	570573.46	0.1537	P	1.0
8	☐	20000.000	20192.976	782246.00	0.2131	P	0.8
9	☐			344369.36	0.0942	P	1.0

$$y = 5.7108\text{E-}006 * x + 0.0978$$

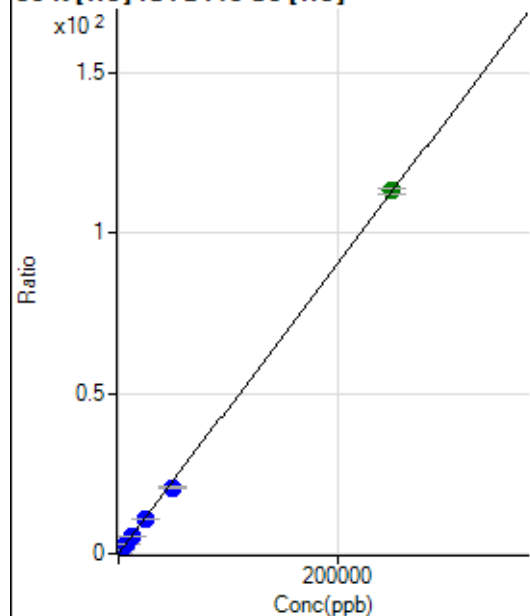
$$R = 0.9994$$

$$DL = 1112$$

$$BEC = 1.712\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1850.22	0.0736	P	5.0
2	☐	50.000					
3	☐	500.000	466.675	6782.46	0.2840	P	5.9
4	☐	2500.000	2423.119	30086.03	1.1660	P	0.9
5	☐	6250.000	5898.303	70711.12	2.7328	P	0.2
6	☐	12500.000	11977.436	133244.38	5.4736	P	2.6
7	☐	25000.000	23544.057	252349.45	10.6883	P	0.9
8	☐	50000.000	45661.270	493203.81	20.6598	P	1.9
9	☐	250000.00	251049.09	2875296.25	113.2582	A	1.6

$$y = 4.5085\text{E-}004 * x + 0.0736$$

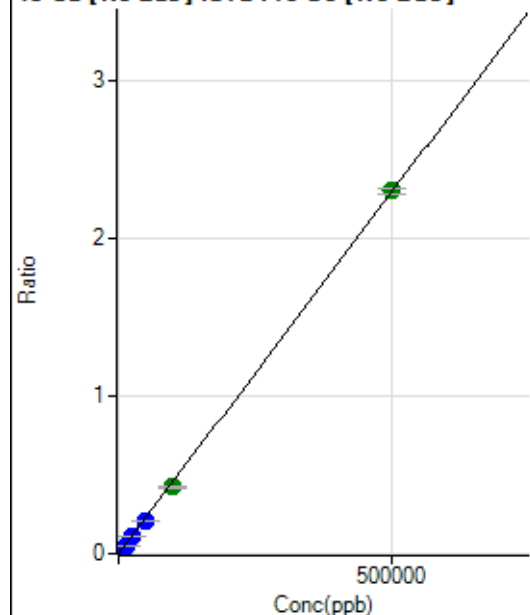
$$R = 0.9998$$

$$DL = 24.62$$

$$BEC = 163.2$$

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	461.14	0.0001	P	10.8
2	☐	50.000					
3	☐	500.000	427.178	7666.30	0.0021	P	4.8
4	☐	5000.000	4654.511	83760.92	0.0215	P	1.2
5	☐	12500.000	11431.790	205623.18	0.0525	P	2.9
6	☐	25000.000	23147.753	400965.20	0.1063	P	1.0
7	☐	50000.000	46045.208	784302.65	0.2113	P	0.7
8	☐	100000.00	91878.368	1547250.22	0.4214	A	0.7
9	☐	500000.00	502142.65	8417170.33	2.3028	A	1.7

$$y = 4.5857\text{E-}006 * x + 1.2207\text{E-}004$$

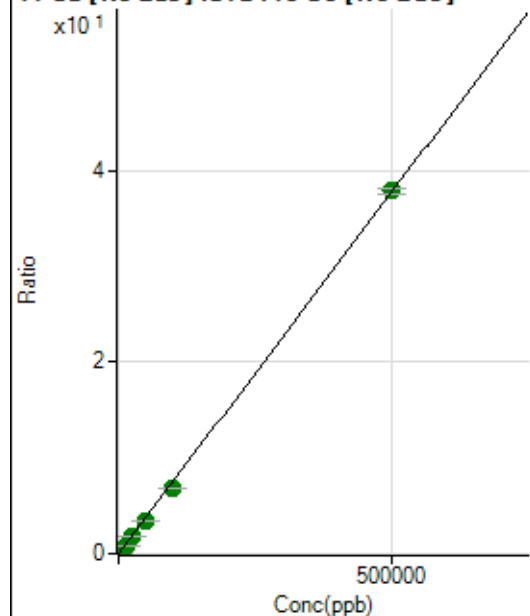
$$R = 0.9998$$

$$DL = 8.608$$

$$BEC = 26.62$$

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	14096.52	0.0037	P	5.2
2	☐	50.000					
3	☐	500.000	427.519	132386.65	0.0359	P	0.3
4	☐	5000.000	4749.615	1410297.73	0.3614	A	1.4
5	☐	12500.000	11520.406	3409249.82	0.8714	A	4.1
6	☐	25000.000	23088.278	6574876.02	1.7426	A	1.1
7	☐	50000.000	46115.069	12907071.21	3.4768	A	0.9
8	☐	100000.00	90992.214	25170368.79	6.8567	A	1.6
9	☐	500000.00	502312.70	138294343.3	37.8350	A	1.7

$$y = 7.5314\text{E-}005 * x + 0.0037$$

$$R = 0.9998$$

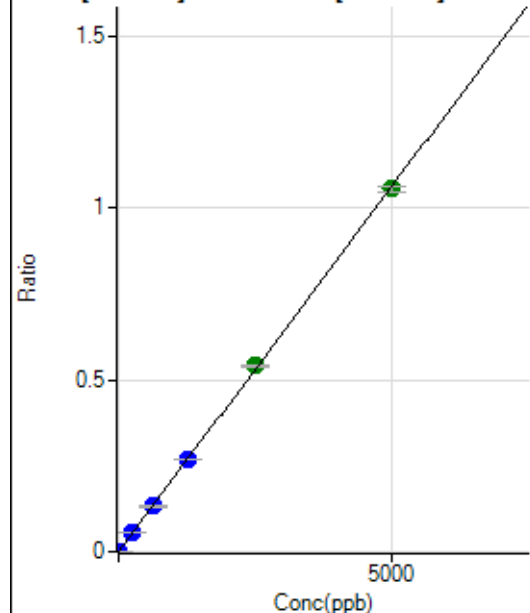
$$DL = 7.711$$

$$BEC = 49.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	39.7
2	☐	0.500					
3	☐	5.000	4.736	3814.60	0.0010	P	9.0
4	☐	250.000	253.079	209634.82	0.0537	P	0.8
5	☐	625.000	620.776	515497.45	0.1317	P	3.3
6	☐	1250.000	1259.749	1008567.37	0.2673	P	1.0
7	☐	2500.000	2549.865	2008452.32	0.5410	A	1.0
8	☐	5000.000	4973.005	3873267.53	1.0551	A	1.8
9	☐			2305.85	0.0006	P	4.8

$$y = 2.1217\text{E-}004 * x + 2.8564\text{E-}005$$

$$R = 0.9999$$

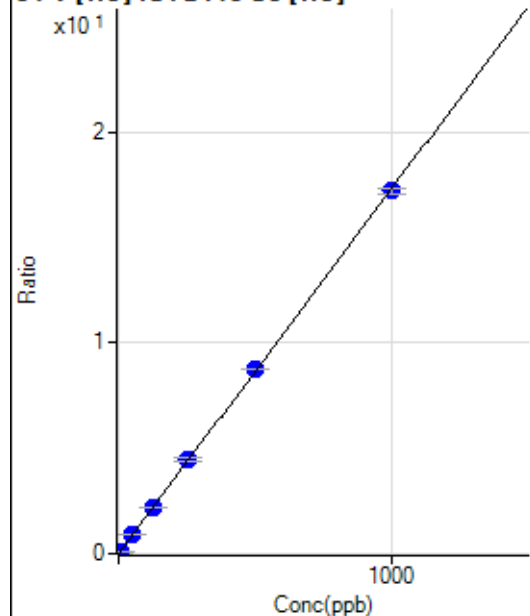
$$DL = 0.1605$$

$$BEC = 0.1346$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0002	P	86.7
2	☐	0.500					
3	☐	5.000	4.384	1813.48	0.0760	P	2.6
4	☐	50.000	51.710	23082.61	0.8946	P	1.1
5	☐	125.000	126.265	56511.39	2.1842	P	1.4
6	☐	250.000	257.060	108226.43	4.4465	P	3.5
7	☐	500.000	507.016	207065.34	8.7700	P	0.4
8	☐	1000.000	994.486	410666.15	17.2018	P	1.6
9	☐			237.79	0.0093	P	10.5

$$y = 0.0173 * x + 1.7847\text{E-}004$$

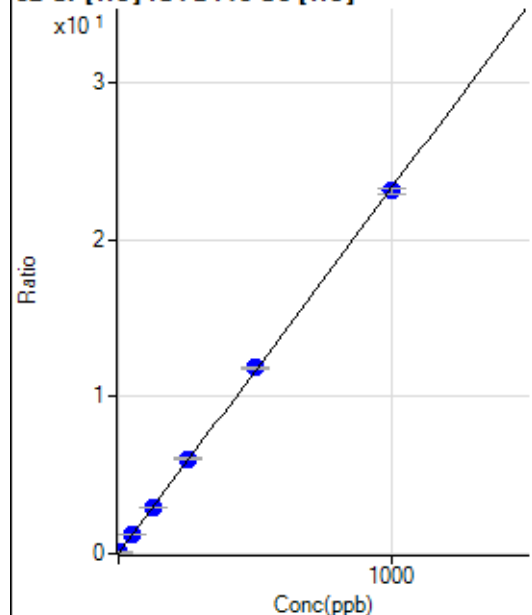
$$R = 0.9999$$

$$DL = 0.02683$$

$$BEC = 0.01032$$

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	406.68	0.0162	P	13.8
2	☐	0.200					
3	☐	2.000	1.970	1476.77	0.0620	P	10.5
4	☐	50.000	51.550	31320.68	1.2139	P	1.5
5	☐	125.000	127.706	77188.93	2.9833	P	0.9
6	☐	250.000	258.679	146717.84	6.0263	P	1.9
7	☐	500.000	509.525	279872.72	11.8543	P	1.2
8	☐	1000.000	992.652	550970.85	23.0791	P	1.8
9	☐			24695.38	0.9726	P	1.3

$$y = 0.0232 * x + 0.0162$$

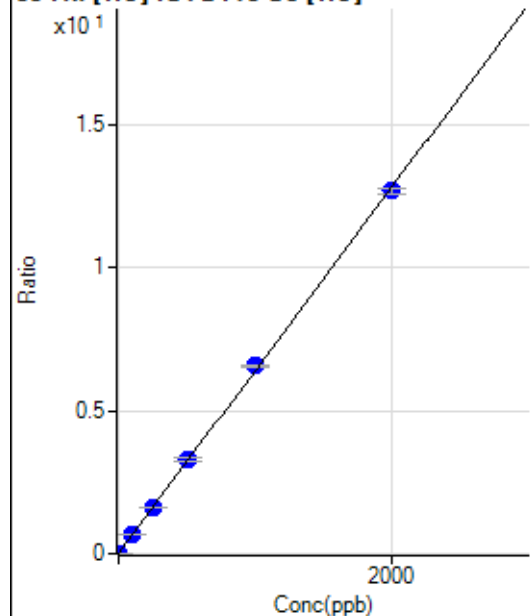
$$R = 0.9999$$

$$DL = 0.2888$$

$$BEC = 0.6972$$

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	204.45	0.0081	P	13.3
2	☐	0.100					
3	☐	1.000	0.980	342.23	0.0144	P	13.6
4	☐	100.000	104.366	17423.29	0.6753	P	1.9
5	☐	250.000	253.647	42162.53	1.6295	P	1.1
6	☐	500.000	517.205	80671.29	3.3143	P	3.4
7	☐	1000.000	1025.788	155006.39	6.5655	P	1.3
8	☐	2000.000	1982.130	302681.64	12.6789	P	1.9
9	☐			1996.84	0.0786	P	2.3

$$y = 0.0064 * x + 0.0081$$

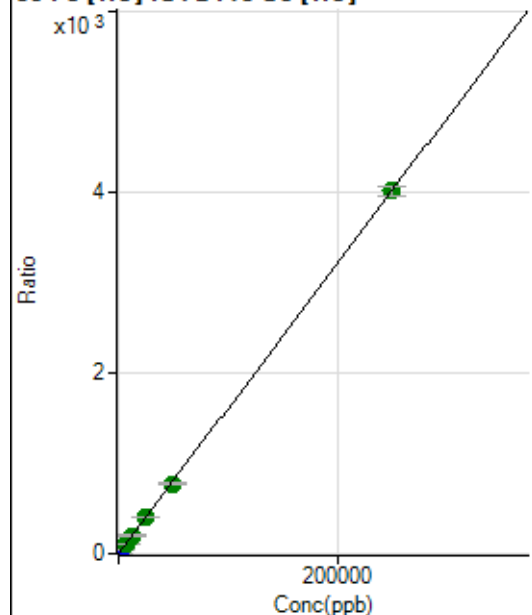
$$R = 0.9998$$

$$DL = 0.5053$$

$$BEC = 1.268$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1133.42	0.0451	P	5.9
2	☐	5.000					
3	☐	50.000	46.445	18842.83	0.7895	P	2.3
4	☐	2500.000	2528.574	1046856.66	40.5722	P	0.9
5	☐	6250.000	6242.986	2590103.53	100.1056	A	0.9
6	☐	12500.000	12598.626	4915715.21	201.9717	A	3.8
7	☐	25000.000	24788.756	9381066.18	397.3511	A	1.5
8	☐	50000.000	48353.181	18501537.91	775.0340	A	2.2
9	☐	250000.00	250345.44	101846205.0	4,012.499	A	2.7

$$y = 0.0160 * x + 0.0451$$

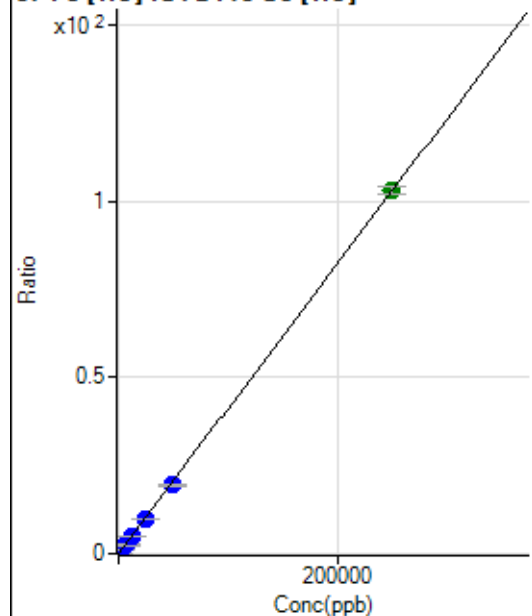
$$R = 1.0000$$

$$DL = 0.4944$$

$$BEC = 2.811$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.52	0.0007	P	16.1
2	☐	5.000					
3	☐	50.000	51.018	518.54	0.0217	P	17.0
4	☐	2500.000	2483.101	26368.03	1.0219	P	1.3
5	☐	6250.000	6013.562	64004.24	2.4739	P	2.0
6	☐	12500.000	12376.288	123904.94	5.0906	P	3.5
7	☐	25000.000	24289.115	235862.65	9.9899	P	0.7
8	☐	50000.000	47421.954	465593.63	19.5036	P	2.1
9	☐	250000.00	250598.96	2616239.96	103.0625	A	2.0

$$y = 4.1126E-004 * x + 7.3505E-004$$

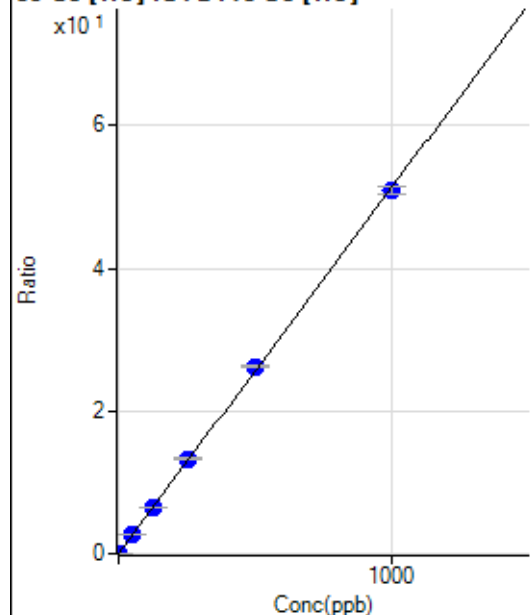
$$R = 0.9999$$

$$DL = 0.8631$$

$$BEC = 1.787$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0016	P	24.0
2	☐	0.100					
3	☐	1.000	0.931	1175.63	0.0493	P	6.2
4	☐	50.000	52.179	69047.80	2.6761	P	0.9
5	☐	125.000	127.209	168749.81	6.5218	P	0.4
6	☐	250.000	259.797	324179.63	13.3178	P	3.0
7	☐	500.000	511.028	618451.96	26.1950	P	1.1
8	☐	1000.000	991.652	1213430.88	50.8301	P	2.0
9	☐			16854.87	0.6637	P	1.0

$$y = 0.0513 * x + 0.0016$$

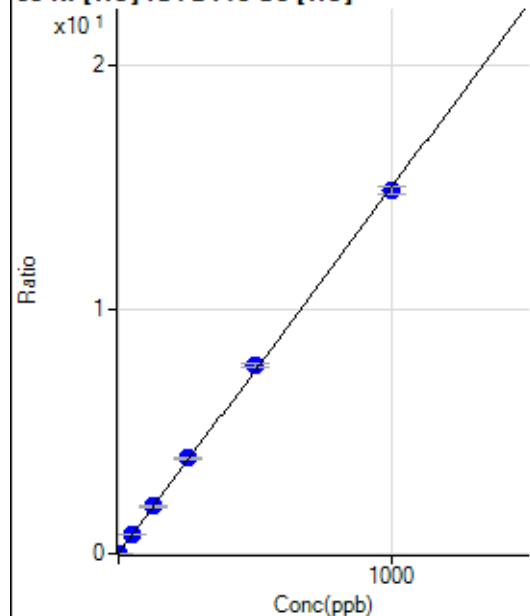
$$R = 0.9999$$

$$DL = 0.02177$$

$$BEC = 0.03026$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	231.12	0.0092	P	7.0
2	☐	0.100					
3	☐	1.000	1.132	625.58	0.0262	P	8.4
4	☐	50.000	52.870	20716.72	0.8029	P	2.1
5	☐	125.000	128.030	49970.49	1.9313	P	0.4
6	☐	250.000	259.450	95044.62	3.9042	P	2.4
7	☐	500.000	514.211	182470.82	7.7289	P	1.4
8	☐	1000.000	990.010	355025.82	14.8718	P	2.0
9	☐			13417.74	0.5286	P	1.9

$$y = 0.0150 * x + 0.0092$$

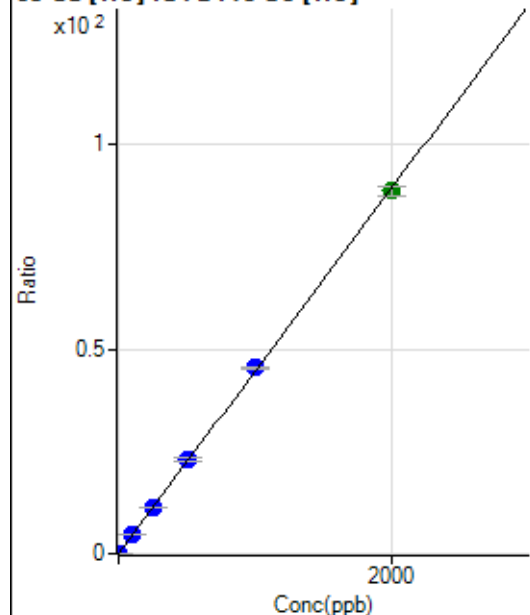
$$R = 0.9998$$

$$DL = 0.1289$$

$$BEC = 0.6121$$

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	511.13	0.0204	P	15.0
2	☐	0.200					
3	☐	2.000	1.933	2545.84	0.1067	P	4.9
4	☐	100.000	104.715	121259.47	4.6995	P	0.9
5	☐	250.000	253.130	293192.88	11.3314	P	0.5
6	☐	500.000	515.956	561728.90	23.0758	P	2.8
7	☐	1000.000	1017.961	1074412.46	45.5078	P	1.2
8	☐	2000.000	1986.404	2119361.24	88.7826	A	2.5
9	☐			6397.13	0.2520	P	1.7

$$y = 0.0447 * x + 0.0204$$

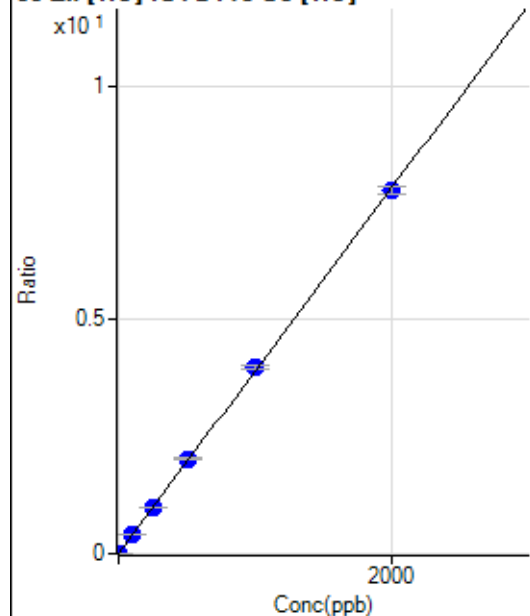
$$R = 0.9999$$

$$DL = 0.205$$

$$BEC = 0.4557$$

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	82.22	0.0033	P	44.1
2	☐	0.200					
3	☐	2.000	1.959	260.01	0.0109	P	20.8
4	☐	100.000	109.014	11067.91	0.4290	P	0.8
5	☐	250.000	254.980	25846.46	0.9989	P	1.1
6	☐	500.000	517.584	49278.42	2.0244	P	2.8
7	☐	1000.000	1018.659	93985.51	3.9810	P	1.8
8	☐	2000.000	1985.201	185129.44	7.7552	P	2.2
9	☐			87861.45	3.4610	P	2.0

$$y = 0.0039 * x + 0.0033$$

$$R = 0.9999$$

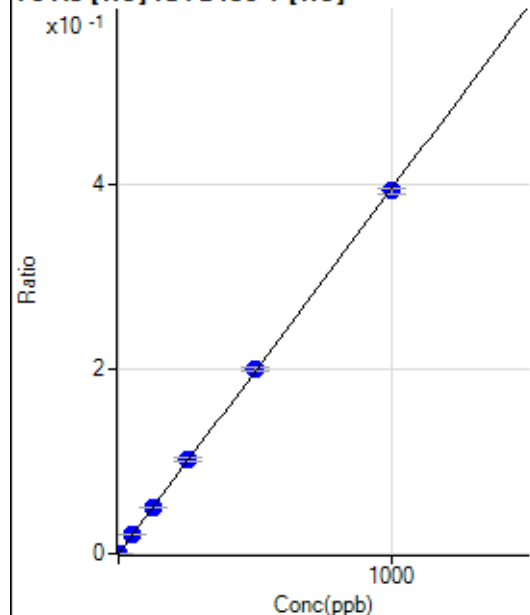
$$DL = 1.106$$

$$BEC = 0.8372$$

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	5.56	0.0000	P	66.0
2	☐	0.100					
3	☐	1.000	0.924	66.05	0.0004	P	28.0
4	☐	50.000	51.726	3780.18	0.0205	P	4.1
5	☐	125.000	127.150	9158.05	0.0504	P	2.1
6	☐	250.000	258.386	17688.54	0.1024	P	4.6
7	☐	500.000	506.954	34169.32	0.2009	P	2.1
8	☐	1000.000	994.072	67250.23	0.3939	P	1.4
9	☐			134.57	0.0007	P	5.7

$$y = 3.9624\text{E-}004 * x + 3.1175\text{E-}005$$

$$R = 0.9999$$

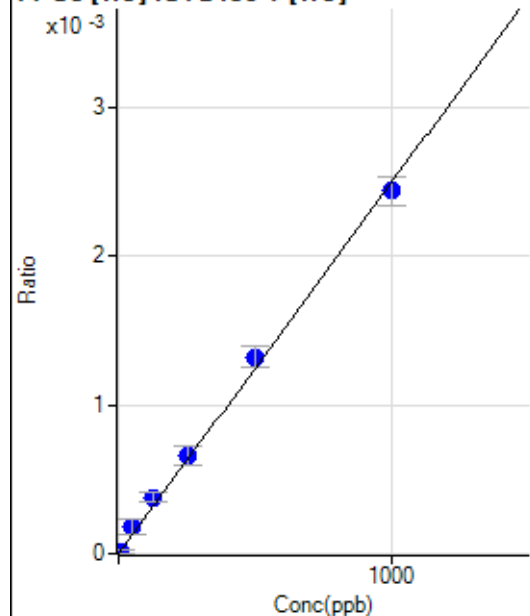
$$DL = 0.1559$$

$$BEC = 0.07868$$

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	5.284	2.22	0.0000	P	173.2
4	☐	50.000	72.760	33.33	0.0002	P	52.9
5	☐	125.000	152.331	68.89	0.0004	P	15.9
6	☐	250.000	262.263	113.33	0.0007	P	19.4
7	☐	500.000	529.360	224.45	0.0013	P	10.7
8	☐	1000.000	977.698	415.57	0.0024	P	8.1
9	☐			1.11	0.0000	P	173.2

$$y = 2.4905\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9989$$

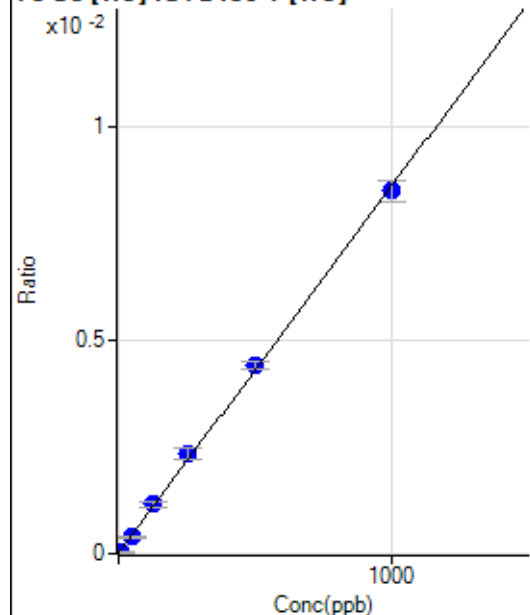
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.23	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.169	4.32	0.0000	P	97.9
4	☐	50.000	43.980	70.99	0.0004	P	14.4
5	☐	125.000	134.160	211.11	0.0012	P	10.7
6	☐	250.000	270.882	404.33	0.0023	P	11.3
7	☐	500.000	512.896	752.50	0.0044	P	3.3
8	☐	1000.000	987.502	1453.18	0.0085	P	5.5
9	☐			0.00	0.0000	P	

$$y = 8.6121\text{E-}006 * x + 7.0429\text{E-}006$$

$$R = 0.9995$$

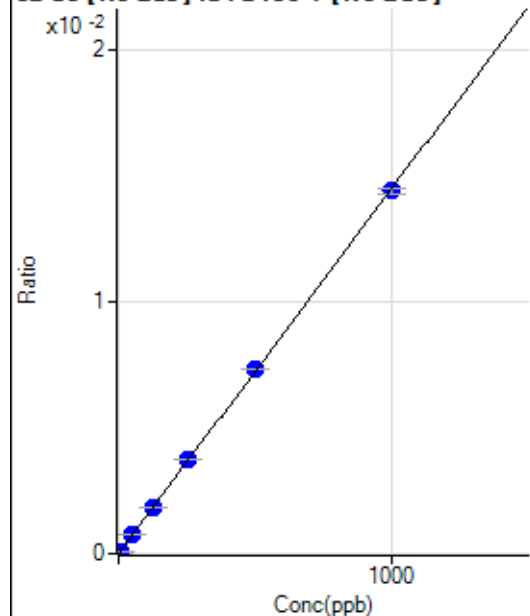
$$DL = 4.249$$

$$BEC = 0.8178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-18.23	0.0000	P	-282.
2	☐	0.500					
3	☐	5.000	4.965	448.62	0.0001	P	9.7
4	☐	50.000	51.986	5208.83	0.0008	P	1.4
5	☐	125.000	127.374	12752.99	0.0018	P	2.0
6	☐	250.000	259.051	25387.27	0.0038	P	1.3
7	☐	500.000	505.371	49467.98	0.0073	P	0.2
8	☐	1000.000	994.656	97431.05	0.0144	P	1.6
9	☐			98.23	0.0000	P	31.3

$$y = 1.4504\text{E-}005 * x - 2.7149\text{E-}006$$

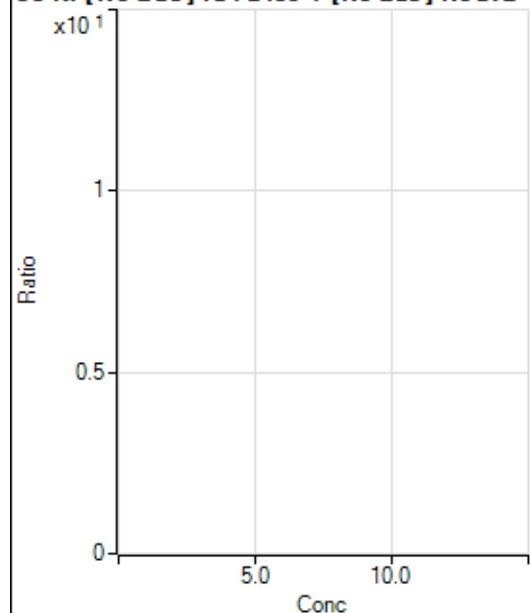
$$R = 0.9999$$

$$DL = 1.584$$

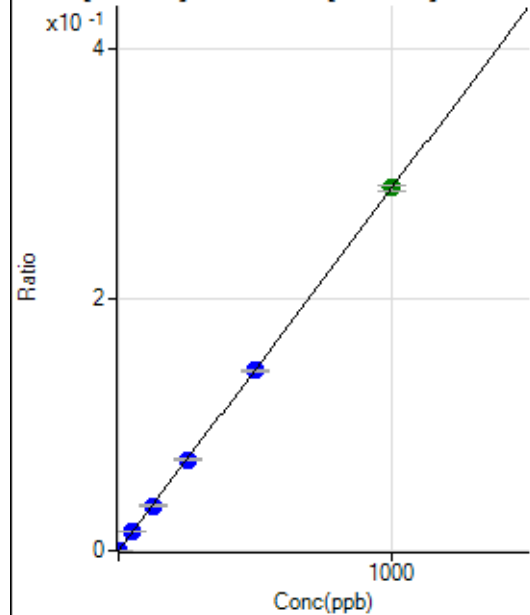
$$BEC = -0.1872$$

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	☐			343.34	0.0001	P	7.5
2	☐						
3	☐			363.35	0.0001	P	4.2
4	☐			332.23	0.0000	P	6.4
5	☐			372.23	0.0001	P	17.4
6	☐			365.57	0.0001	P	11.7
7	☐			357.79	0.0001	P	6.6
8	☐			342.23	0.0001	P	5.8
9	☐			365.57	0.0001	P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	561.15	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.964	2350.31	0.0004	P	3.9
4	☐	50.000	50.592	101671.21	0.0147	P	0.8
5	☐	125.000	124.368	248357.74	0.0359	P	1.9
6	☐	250.000	250.807	489283.12	0.0724	P	1.5
7	☐	500.000	496.783	967036.67	0.1432	P	1.3
8	☐	1000.000	1001.456	1950024.48	0.2887	A	1.7
9	☐			10935.45	0.0017	P	2.4

$$y = 2.8817E-004 * x + 8.4991E-005$$

$$R = 1.0000$$

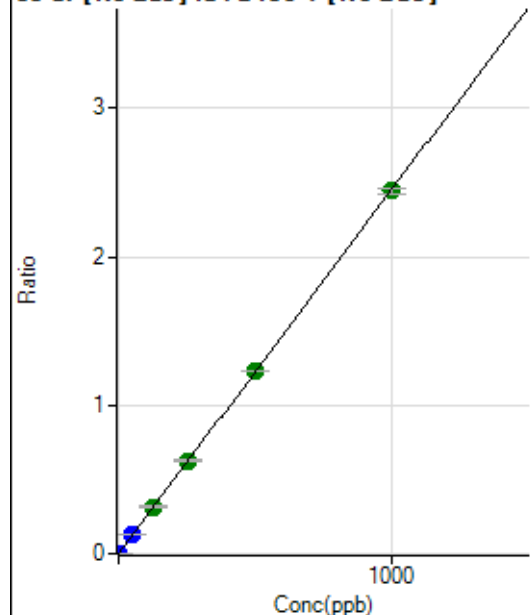
$$DL = 0.1169$$

$$BEC = 0.2949$$

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	191.68	0.0000	P	27.2
2	☐	0.100					
3	☐	1.000	0.973	15656.90	0.0024	P	0.2
4	☐	50.000	51.078	868348.94	0.1252	P	0.2
5	☐	125.000	128.784	2182584.14	0.3157	A	2.5
6	☐	250.000	255.185	4230264.51	0.6256	A	0.9
7	☐	500.000	502.237	8312340.03	1.2312	A	0.6
8	☐	1000.000	997.058	16511003.32	2.4443	A	1.3
9	☐			89518.22	0.0137	P	0.5

$$y = 0.0025 * x + 2.9089E-005$$

$$R = 1.0000$$

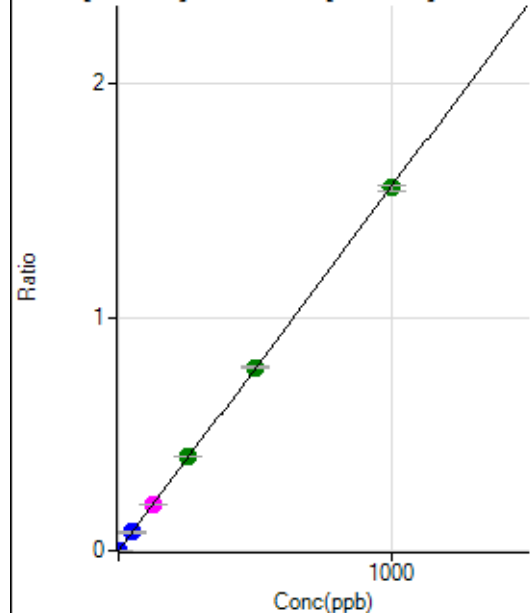
$$DL = 0.009695$$

$$BEC = 0.01187$$

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	583.37	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.916	9845.63	0.0015	P	2.1
4	☐	50.000	50.159	543726.18	0.0784	P	0.4
5	☐	125.000	125.982	1360676.63	0.1968	M	2.8
6	☐	250.000	258.179	2726934.30	0.4033	A	1.4
7	☐	500.000	503.095	5304885.14	0.7858	A	0.8
8	☐	1000.000	996.277	10510775.67	1.5560	A	1.3
9	☐			3297.77	0.0005	P	3.3

$$y = 0.0016 * x + 8.8373E-005$$

$$R = 1.0000$$

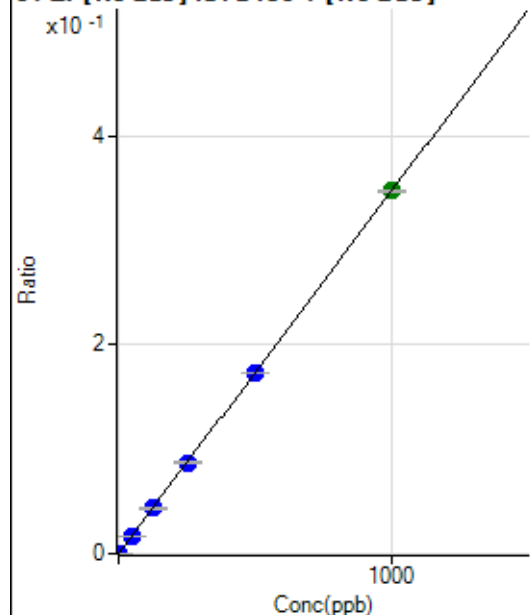
$$DL = 0.008108$$

$$BEC = 0.05659$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	12.6
2	☐	0.100					
3	☐	1.000	0.864	2080.81	0.0003	P	5.2
4	☐	50.000	50.094	120653.56	0.0174	P	0.8
5	☐	125.000	124.733	299307.07	0.0433	P	3.2
6	☐	250.000	251.414	589996.75	0.0873	P	1.4
7	☐	500.000	498.463	1167786.14	0.1730	P	0.6
8	☐	1000.000	1000.444	2345112.68	0.3471	A	0.7
9	☐			722.28	0.0001	P	9.5

$$y = 3.4697\text{E-}004 * x + 2.1044\text{E-}005$$

$$R = 1.0000$$

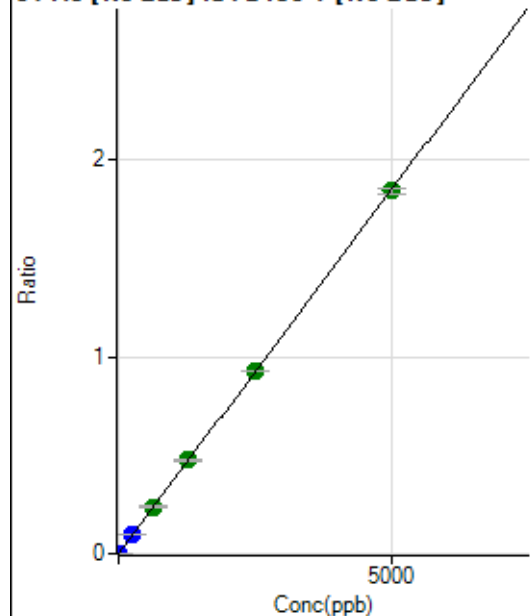
$$DL = 0.02296$$

$$BEC = 0.06065$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.24	0.0000	P	21.1
2	☐	0.500					
3	☐	5.000	4.749	11586.00	0.0018	P	2.0
4	☐	250.000	254.276	651862.20	0.0940	P	0.3
5	☐	625.000	638.714	1632057.19	0.2361	A	3.4
6	☐	1250.000	1284.481	3210692.65	0.4748	A	1.0
7	☐	2500.000	2511.358	6267303.57	0.9283	A	0.7
8	☐	5000.000	4983.773	12444234.22	1.8422	A	1.3
9	☐			17069.72	0.0026	P	2.8

$$y = 3.6964\text{E-}004 * x + 2.9858\text{E-}005$$

$$R = 1.0000$$

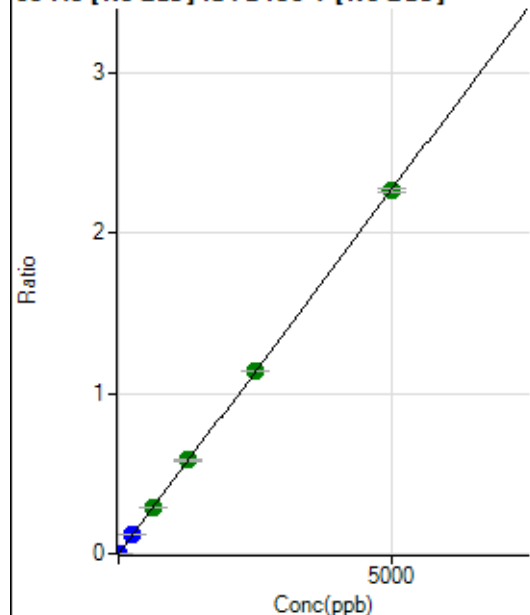
$$DL = 0.05123$$

$$BEC = 0.08078$$

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	66.67	0.0000	P	22.4
2	☐	0.500					
3	☐	5.000	4.827	14269.24	0.0022	P	2.3
4	☐	250.000	253.190	796195.45	0.1148	P	0.9
5	☐	625.000	636.237	1994686.81	0.2886	A	2.6
6	☐	1250.000	1282.301	3932274.96	0.5816	A	1.8
7	☐	2500.000	2510.677	7687238.37	1.1387	A	0.7
8	☐	5000.000	4985.023	15272294.09	2.2608	A	1.1
9	☐			27033.29	0.0041	P	3.6

$$y = 4.5352\text{E-}004 * x + 1.0111\text{E-}005$$

$$R = 1.0000$$

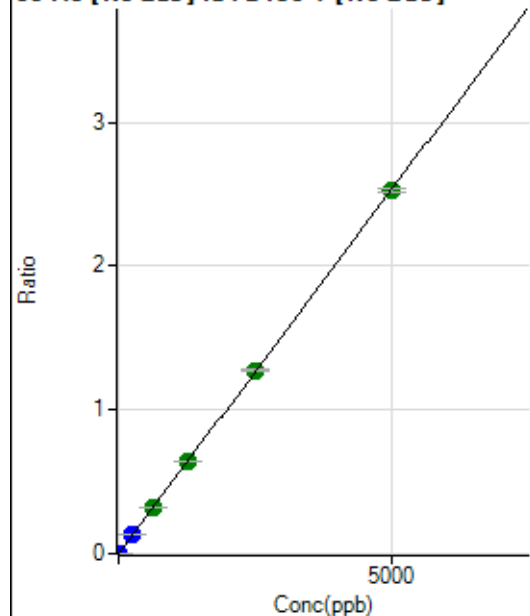
$$DL = 0.01498$$

$$BEC = 0.02229$$

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	180.56	0.0000	P	3.6
2	☐	0.500					
3	☐	5.000	4.679	15553.98	0.0024	P	3.6
4	☐	250.000	253.120	888466.96	0.1281	P	0.4
5	☐	625.000	632.949	2214849.99	0.3204	A	2.4
6	☐	1250.000	1271.817	4353142.46	0.6438	A	0.9
7	☐	2500.000	2518.134	8605516.51	1.2746	A	0.6
8	☐	5000.000	4984.329	17042322.08	2.5229	A	1.2
9	☐			30838.85	0.0047	P	3.6

$$y = 5.0616\text{E-}004 * x + 2.7360\text{E-}005$$

$$R = 1.0000$$

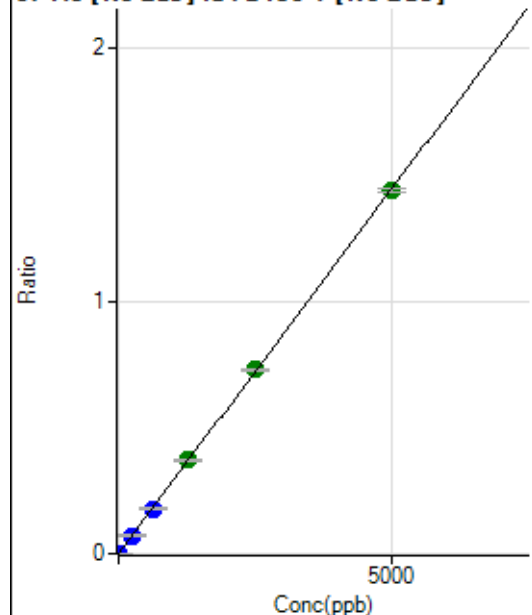
$$DL = 0.00586$$

$$BEC = 0.05405$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	35.0
2	☐	0.500					
3	☐	5.000	4.720	8922.75	0.0014	P	5.0
4	☐	250.000	250.300	500361.90	0.0722	P	0.9
5	☐	625.000	619.624	1234905.95	0.1786	P	2.1
6	☐	1250.000	1283.764	2502459.69	0.3701	A	1.2
7	☐	2500.000	2528.719	4921314.35	0.7290	A	1.0
8	☐	5000.000	4977.857	9693544.75	1.4350	A	1.1
9	☐			17320.10	0.0027	P	5.5

$$y = 2.8827\text{E-}004 * x + 1.4288\text{E-}005$$

$$R = 0.9999$$

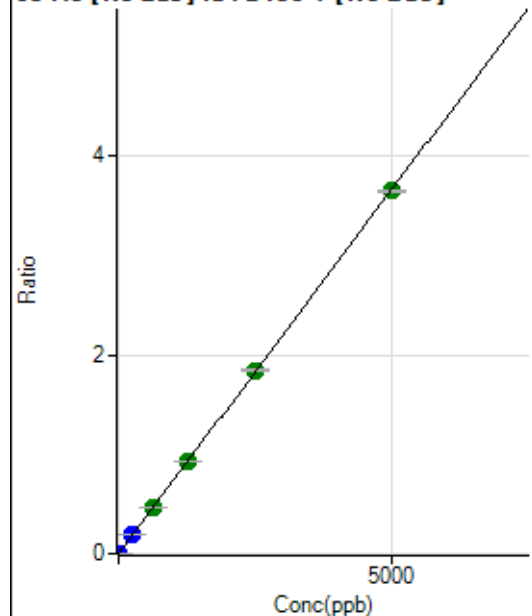
$$DL = 0.05207$$

$$BEC = 0.04957$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	19.1
2	☐	0.500					
3	☐	5.000	4.775	22775.72	0.0035	P	3.4
4	☐	250.000	251.858	1277773.03	0.1843	P	0.4
5	☐	625.000	631.230	3192573.29	0.4619	A	3.0
6	☐	1250.000	1266.384	6265409.04	0.9266	A	1.5
7	☐	2500.000	2518.837	12442458.35	1.8430	A	0.6
8	☐	5000.000	4985.614	24642481.63	3.6479	A	0.9
9	☐			43922.18	0.0067	P	3.8

$$y = 7.3168\text{E-}004 * x + 1.7271\text{E-}005$$

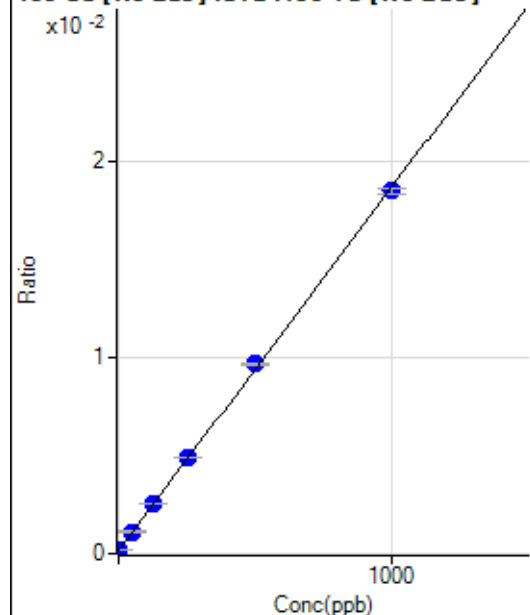
$$R = 1.0000$$

$$DL = 0.01353$$

$$BEC = 0.02361$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1316.80	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	0.722	1397.37	0.0002	P	11.0
4	☐	50.000	51.713	10059.77	0.0011	P	4.4
5	☐	125.000	128.600	23282.09	0.0025	P	2.3
6	☐	250.000	257.842	44465.87	0.0049	P	0.7
7	☐	500.000	513.878	87516.69	0.0097	P	1.1
8	☐	1000.000	990.565	168697.43	0.0185	P	1.6
9	☐			1455.71	0.0002	P	5.3

$$y = 1.8522\text{E-}005 * x + 1.5284\text{E-}004$$

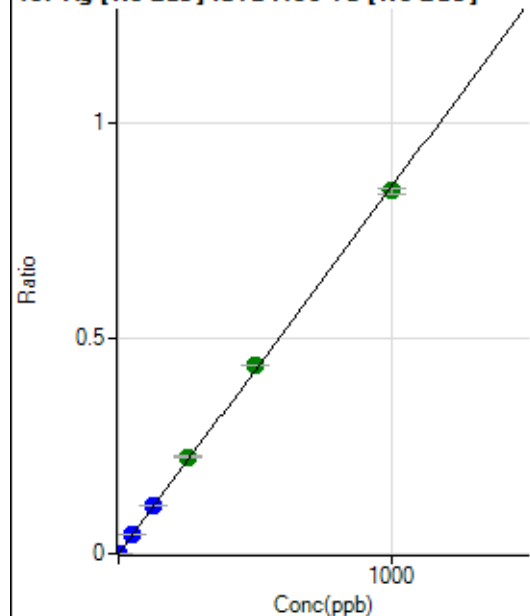
$$R = 0.9998$$

$$DL = 0.7412$$

$$BEC = 8.252$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	18.6
2	☐	0.100					
3	☐	1.000	0.973	7063.30	0.0008	P	1.4
4	☐	50.000	53.501	413028.02	0.0456	P	0.7
5	☐	125.000	130.764	1023416.15	0.1114	P	2.5
6	☐	250.000	263.619	2026612.37	0.2246	A	1.1
7	☐	500.000	513.896	3962754.34	0.4379	A	0.5
8	☐	1000.000	988.752	7682505.90	0.8425	A	1.7
9	☐			961.19	0.0001	P	1.9

$$y = 8.5206\text{E-}004 * x + 9.6930\text{E-}006$$

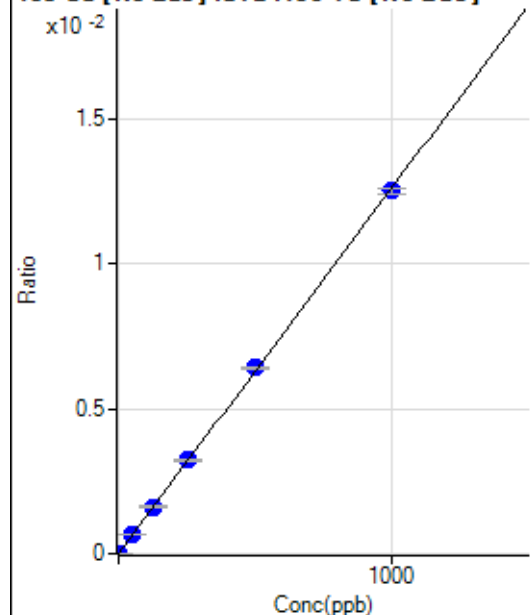
$$R = 0.9997$$

$$DL = 0.006336$$

$$BEC = 0.01138$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.8
2	☐	0.100					
3	☐	1.000	0.803	88.89	0.0000	P	18.0
4	☐	50.000	54.189	6193.21	0.0007	P	1.8
5	☐	125.000	128.725	14908.53	0.0016	P	2.9
6	☐	250.000	255.564	29073.22	0.0032	P	0.8
7	☐	500.000	509.586	58144.24	0.0064	P	0.9
8	☐	1000.000	993.141	114180.98	0.0125	P	1.4
9	☐			98.61	0.0000	P	26.1

$$y = 1.2607\text{E-}005 * x + 4.8393\text{E-}007$$

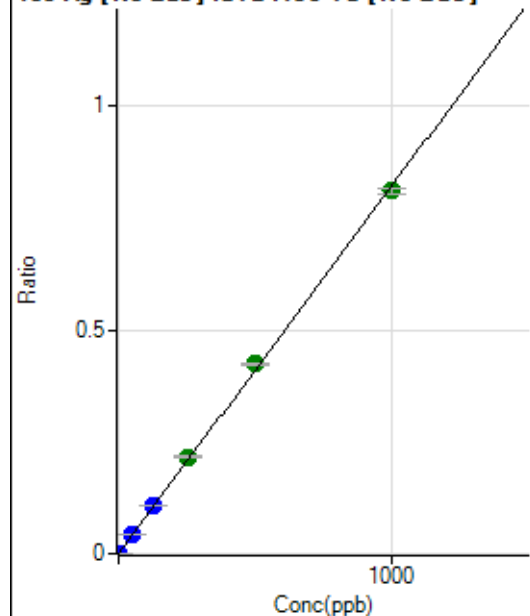
$$R = 0.9999$$

$$DL = 0.1161$$

$$BEC = 0.03838$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	54.7
2	☐	0.100					
3	☐	1.000	1.014	7049.38	0.0008	P	2.3
4	☐	50.000	52.918	393804.33	0.0435	P	0.6
5	☐	125.000	129.380	976262.37	0.1063	P	1.5
6	☐	250.000	263.887	1955720.90	0.2168	A	0.7
7	☐	500.000	516.518	3839663.28	0.4243	A	0.9
8	☐	1000.000	987.576	7397569.70	0.8112	A	1.2
9	☐			963.97	0.0001	P	6.3

$$y = 8.2143\text{E-}004 * x + 4.5373\text{E-}006$$

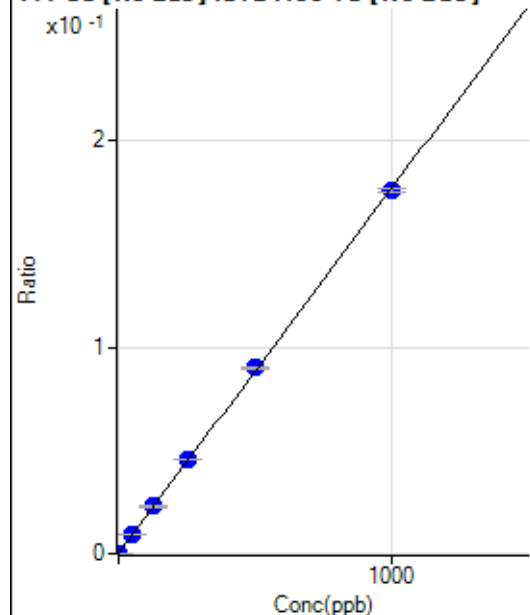
$$R = 0.9997$$

$$DL = 0.009057$$

$$BEC = 0.005524$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	931.35	0.0001	P	3.3
2	☐	0.100					
3	☐	1.000	0.946	2317.43	0.0003	P	3.6
4	☐	50.000	52.081	84305.17	0.0093	P	0.7
5	☐	125.000	128.466	209412.76	0.0228	P	1.8
6	☐	250.000	257.198	410827.48	0.0455	P	1.0
7	☐	500.000	508.609	813963.67	0.0899	P	0.7
8	☐	1000.000	993.359	1600948.13	0.1756	P	1.1
9	☐			1438.88	0.0002	P	7.5

$$y = 1.7663\text{E-}004 * x + 1.0810\text{E-}004$$

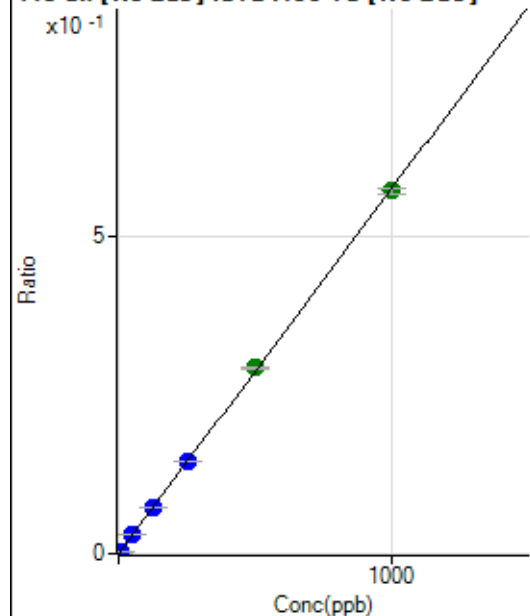
$$R = 0.9999$$

$$DL = 0.06022$$

$$BEC = 0.612$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1033.43	0.0001	P	11.8
2	☐	0.500					
3	☐	5.000	4.757	24019.70	0.0029	P	1.1
4	☐	50.000	51.499	269059.10	0.0297	P	0.8
5	☐	125.000	125.606	663728.54	0.0723	P	2.9
6	☐	250.000	252.882	1311670.35	0.1454	P	0.6
7	☐	500.000	509.440	2649355.81	0.2928	A	1.0
8	☐	1000.000	994.410	5210032.84	0.5713	A	1.3
9	☐			27133.34	0.0031	P	1.5

$$y = 5.7443\text{E-}004 * x + 1.2000\text{E-}004$$

$$R = 0.9999$$

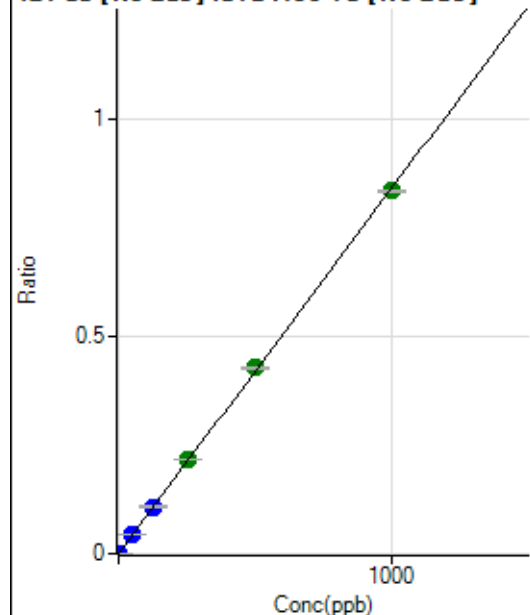
$$DL = 0.07421$$

$$BEC = 0.2089$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	47.5
2	☐	0.200					
3	☐	2.000	1.868	13343.34	0.0016	P	1.0
4	☐	50.000	51.272	390925.53	0.0432	P	0.5
5	☐	125.000	127.130	982517.02	0.1070	P	3.1
6	☐	250.000	256.894	1950358.99	0.2162	A	0.5
7	☐	500.000	508.442	3871801.95	0.4278	A	1.0
8	☐	1000.000	993.726	7625291.93	0.8362	A	0.8
9	☐			28130.51	0.0032	P	1.9

$$y = 8.4144\text{E-}004 * x + 1.2850\text{E-}005$$

$$R = 0.9999$$

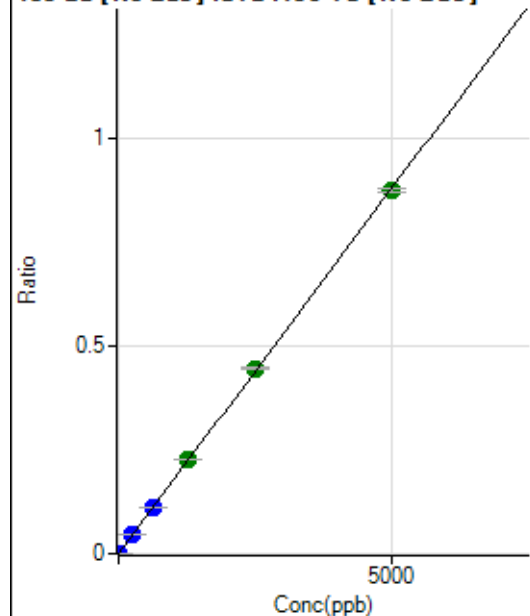
$$DL = 0.02176$$

$$BEC = 0.01527$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.1
2	☐	1.000					
3	☐	10.000	9.713	14422.48	0.0017	P	1.4
4	☐	250.000	259.766	413820.98	0.0457	P	0.8
5	☐	625.000	635.935	1027133.42	0.1118	P	2.4
6	☐	1250.000	1280.904	2032258.40	0.2253	A	0.3
7	☐	2500.000	2540.992	4043969.02	0.4468	A	0.8
8	☐	5000.000	4969.923	7969835.16	0.8740	A	1.0
9	☐			2694.86	0.0003	P	6.2

$$y = 1.7585\text{E-}004 * x + 3.8787\text{E-}006$$

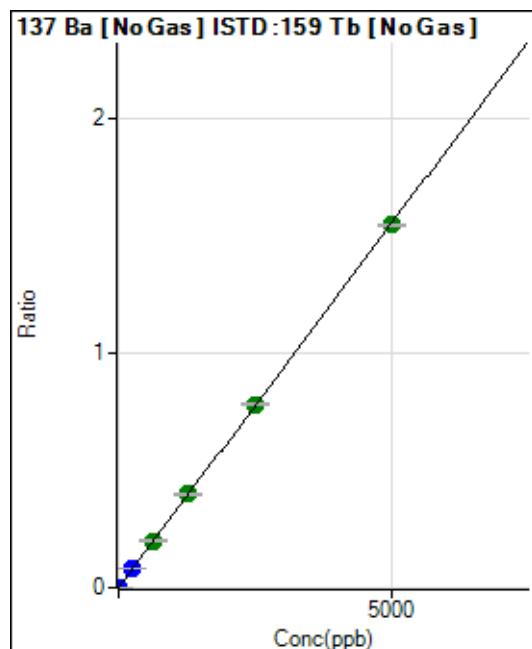
$$R = 0.9999$$

$$DL = 0.01727$$

$$BEC = 0.02206$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	64.2
2	☐	1.000					
3	☐	10.000	9.588	25127.59	0.0030	P	0.3
4	☐	250.000	257.384	724137.23	0.0799	P	1.0
5	☐	625.000	643.972	1836854.64	0.2000	A	2.8
6	☐	1250.000	1281.448	3590637.50	0.3980	A	1.0
7	☐	2500.000	2518.822	7079482.88	0.7823	A	0.6
8	☐	5000.000	4979.987	14104405.70	1.5466	A	0.6
9	☐			4639.91	0.0005	P	4.2

$$y = 3.1057\text{E-}004 * x + 6.1247\text{E-}006$$

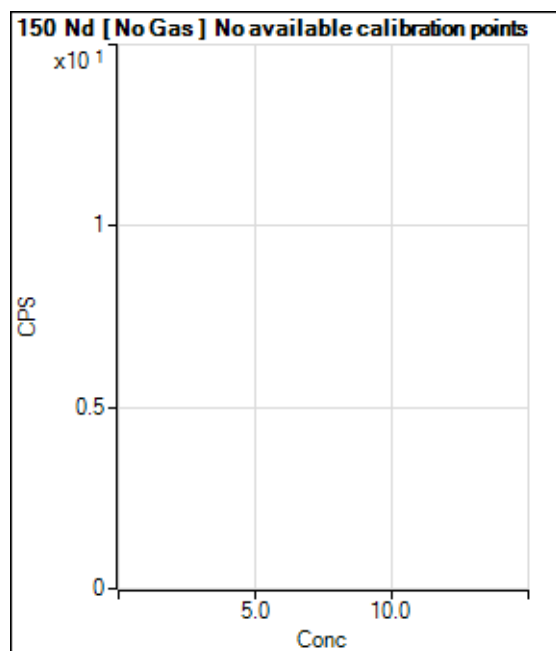
$$R = 1.0000$$

$$DL = 0.03798$$

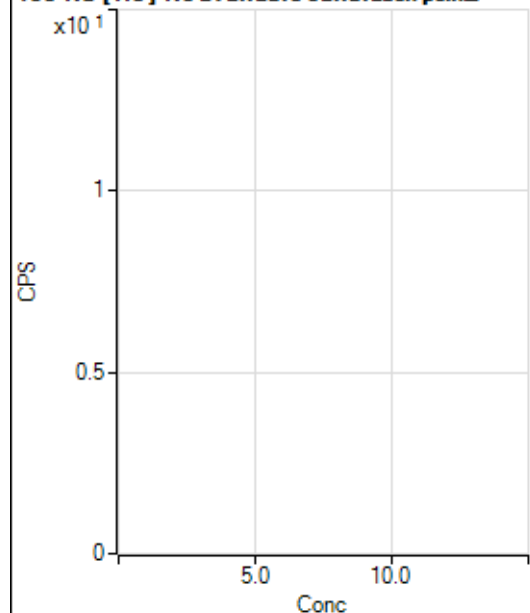
$$BEC = 0.01972$$

Weight: <None>

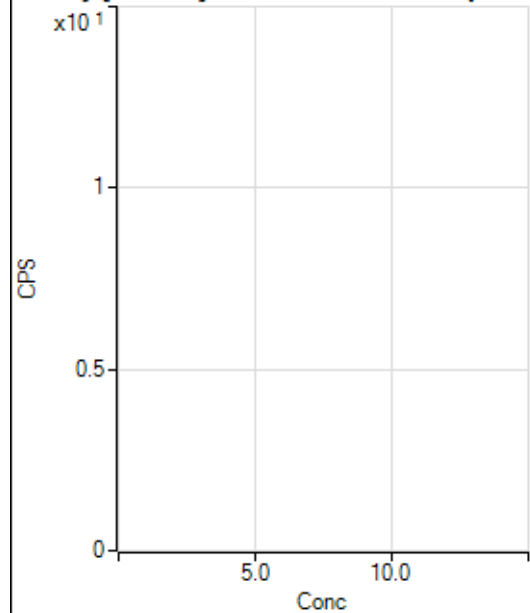
Min Conc: 0



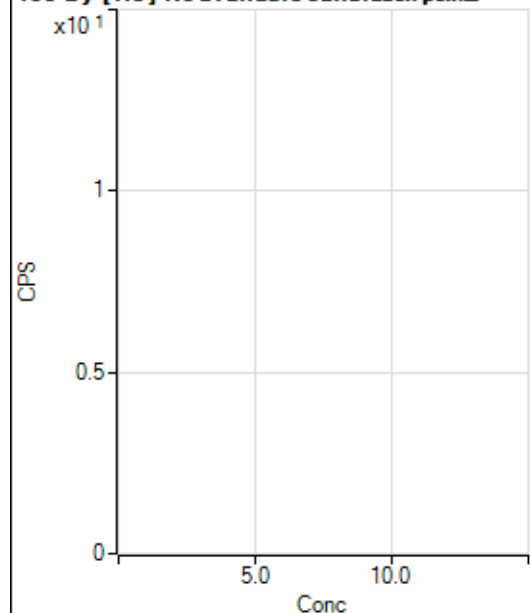
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			13.33		P	50.0
4	☐			35.56		P	28.6
5	☐			42.22		P	77.9
6	☐			73.34		P	18.2
7	☐			131.12		P	35.7
8	☐			304.46		P	14.2
9	☐			91.11		P	23.5

150 Nd [He] No available calibration points

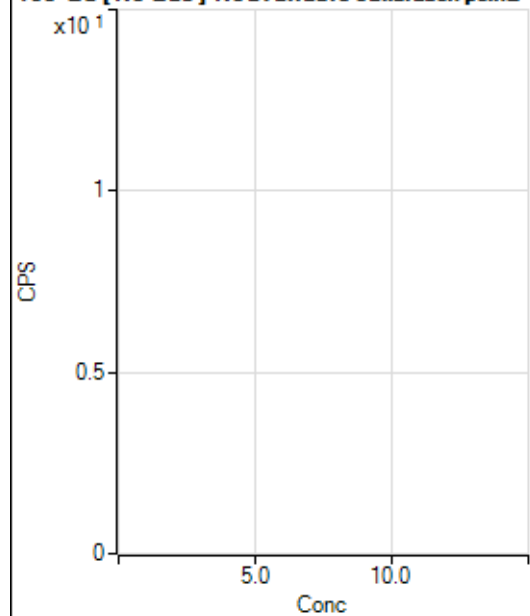
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			3.33		P	100.1
7	☐			1.11		P	173.2
8	☐			4.44		P	114.6
9	☐			12.22		P	56.8

156 Dy [No Gas] No available calibration points

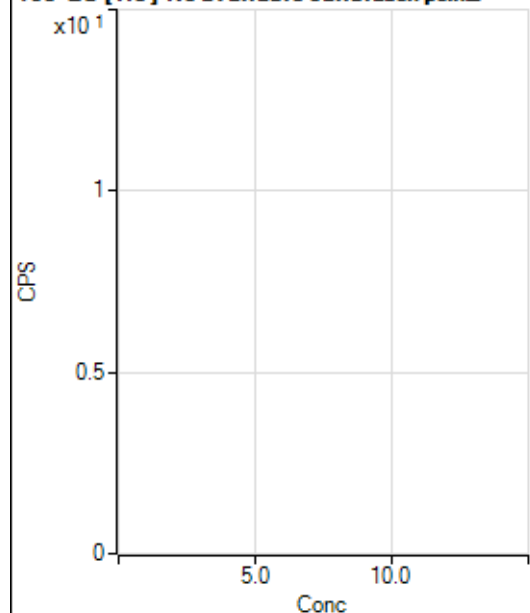
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			13.89		P	69.3
4	☐			27.78		P	69.3
5	☐			27.78		P	96.4
6	☐			52.78		P	32.9
7	☐			63.89		P	19.9
8	☐			94.45		P	27.0
9	☐			86.12		P	34.0

156 Dy [He] No available calibration points

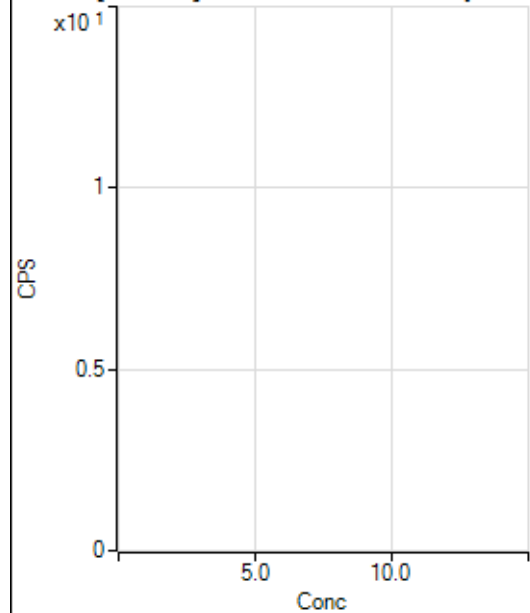
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			5.56		P	34.7
6	☐			1.11		P	173.2
7	☐			1.11		P	173.2
8	☐			5.56		P	91.6
9	☐			16.67		P	52.9

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

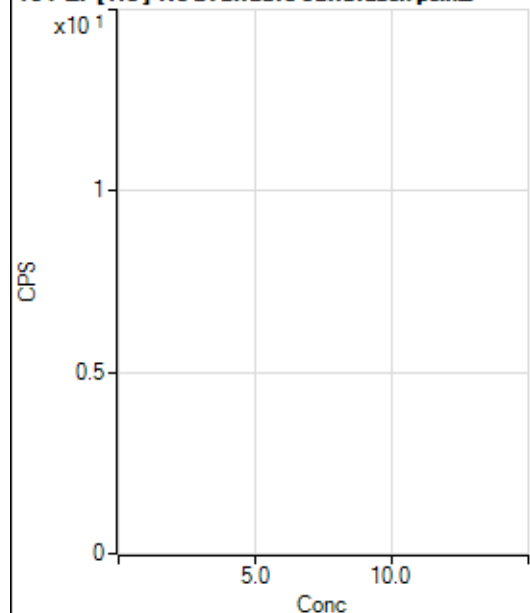
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	34.7
2	☐						
3	☐			63.89		P	41.9
4	☐			38.89		P	12.4
5	☐			44.45		P	10.8
6	☐			66.67		P	37.5
7	☐			44.45		P	28.7
8	☐			58.34		P	14.3
9	☐			97.23		P	32.5

160 Gd [He] No available calibration points

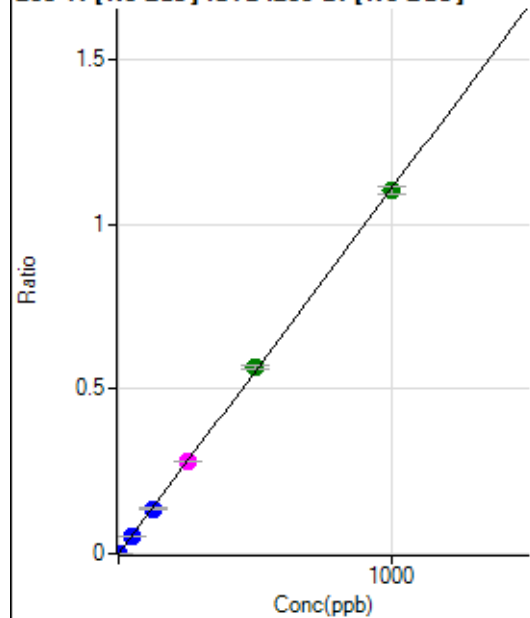
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			6.67		P	50.0
4	☐			8.89		P	43.3
5	☐			3.33		P	0.0
6	☐			3.33		P	100.1
7	☐			7.78		P	24.7
8	☐			12.22		P	41.7
9	☐			23.33		P	37.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	63.0
2	☐						
3	☐			61.11		P	15.7
4	☐			22.22		P	21.6
5	☐			19.45		P	24.7
6	☐			16.67		P	132.3
7	☐			41.67		P	34.6
8	☐			38.89		P	12.4
9	☐			50.00		P	28.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			8.89		P	21.6
4	☐			5.56		P	91.6
5	☐			1.11		P	173.2
6	☐			4.44		P	114.6
7	☐			5.56		P	91.6
8	☐			3.33		P	100.1
9	☐			2.22		P	86.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	62.4
2	☐	0.100					
3	☐	1.000	0.980	6112.86	0.0011	P	2.8
4	☐	50.000	49.923	329466.85	0.0553	P	0.4
5	☐	125.000	122.628	818133.97	0.1358	P	2.3
6	☐	250.000	252.399	1651633.10	0.2794	M	1.4
7	☐	500.000	511.111	3335799.44	0.5659	A	1.1
8	☐	1000.000	994.145	6557852.97	1.1007	A	2.0
9	☐			4548.25	0.0008	P	3.3

$$y = 0.0011 * x + 8.2955E-006$$

$$R = 0.9999$$

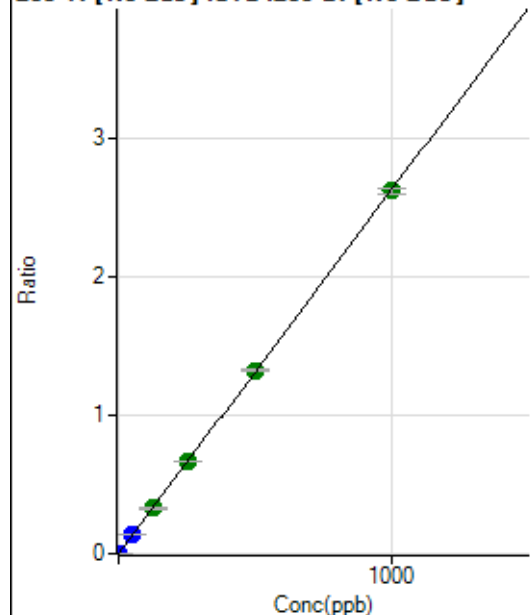
$$DL = 0.01402$$

$$BEC = 0.007493$$

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	205.57	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.960	14308.66	0.0026	P	0.6
4	☐	50.000	50.656	793984.65	0.1332	P	1.2
5	☐	125.000	125.637	1990590.15	0.3304	A	2.7
6	☐	250.000	254.378	3953428.69	0.6689	A	0.3
7	☐	500.000	503.051	7797365.71	1.3227	A	0.9
8	☐	1000.000	997.268	15623850.00	2.6222	A	1.5
9	☐			10729.98	0.0020	P	5.5

$$y = 0.0026 * x + 3.6097E-005$$

$$R = 1.0000$$

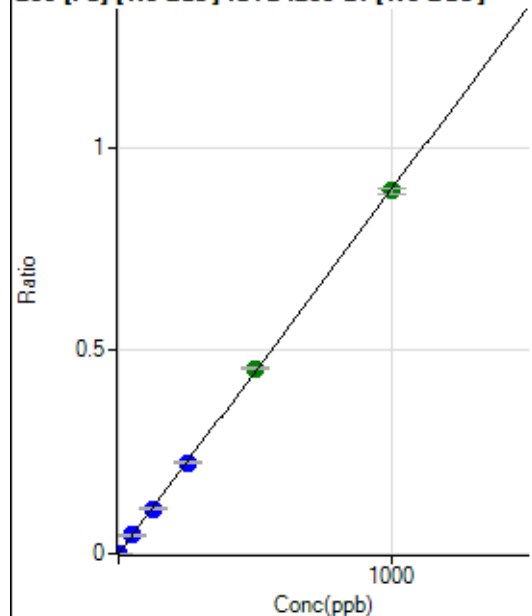
$$DL = 0.005956$$

$$BEC = 0.01373$$

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	142.60	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	0.915	4721.40	0.0008	P	3.8
4	☐	50.000	50.198	268469.17	0.0450	P	1.0
5	☐	125.000	123.460	667360.79	0.1108	P	2.4
6	☐	250.000	249.998	1325399.81	0.2242	P	0.9
7	☐	500.000	508.867	2690601.16	0.4564	A	1.0
8	☐	1000.000	995.750	5321636.35	0.8931	A	1.4
9	☐			34844.62	0.0065	P	0.9

$$y = 8.9689E-004 * x + 2.5033E-005$$

$$R = 0.9999$$

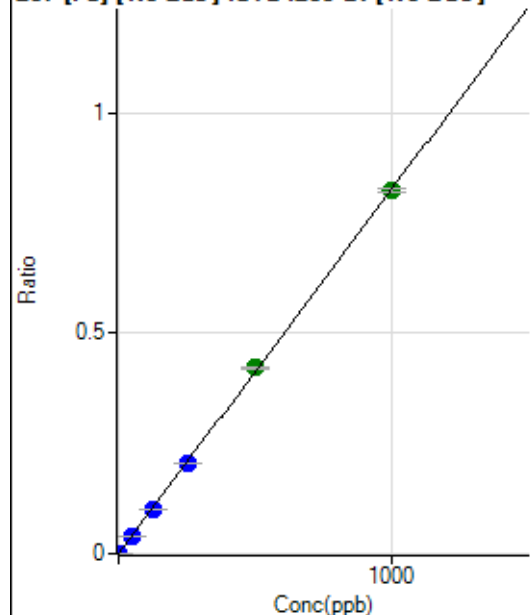
$$DL = 0.01335$$

$$BEC = 0.02791$$

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	148.16	0.0000	P	9.3
2	☐	0.100					
3	☐	1.000	0.914	4367.56	0.0008	P	4.5
4	☐	50.000	49.553	244129.90	0.0410	P	0.7
5	☐	125.000	121.747	606133.62	0.1006	P	2.8
6	☐	250.000	247.319	1207715.38	0.2043	P	1.2
7	☐	500.000	509.729	2482330.21	0.4211	A	1.5
8	☐	1000.000	996.235	4904135.64	0.8230	A	1.1
9	☐			29727.91	0.0055	P	2.1

$$y = 8.2610E-004 * x + 2.6061E-005$$

$$R = 0.9999$$

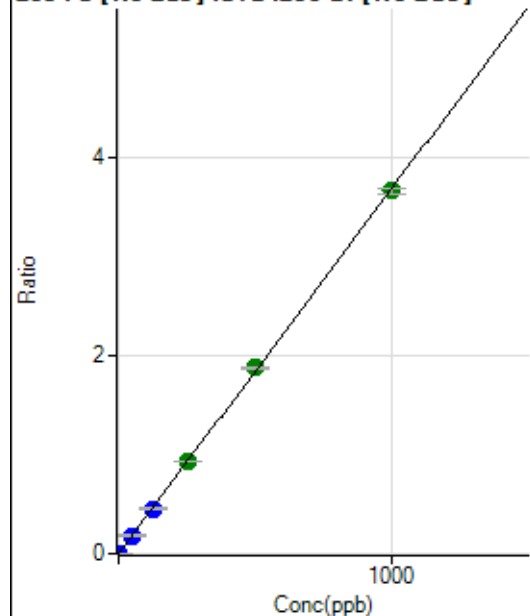
$$DL = 0.008779$$

$$BEC = 0.03155$$

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	637.07	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.932	19804.93	0.0035	P	0.5
4	☐	50.000	49.920	1096536.24	0.1840	P	1.0
5	☐	125.000	122.848	2727030.83	0.4526	P	2.8
6	☐	250.000	252.356	5494715.20	0.9297	A	0.8
7	☐	500.000	510.020	11074791.74	1.8788	A	1.3
8	☐	1000.000	994.674	21831060.33	3.6640	A	1.8
9	☐			138248.76	0.0257	P	1.8

$$y = 0.0037 * x + 1.1195E-004$$

$$R = 0.9999$$

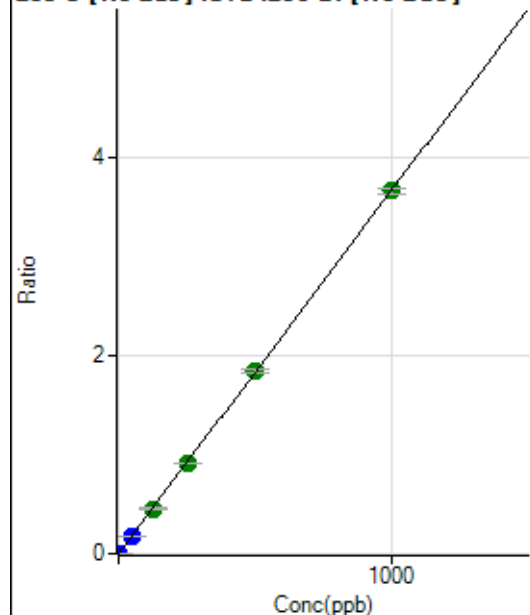
$$DL = 0.007904$$

$$BEC = 0.03039$$

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	27.78	0.0000	P	43.9
2	☐	0.100					
3	☐	1.000	0.933	19101.58	0.0034	P	0.6
4	☐	50.000	49.277	1075039.37	0.1804	P	1.3
5	☐	125.000	123.834	2730957.03	0.4533	A	3.2
6	☐	250.000	250.425	5418073.56	0.9167	A	0.5
7	☐	500.000	502.343	10839468.91	1.8388	A	1.4
8	☐	1000.000	998.904	21786199.79	3.6565	A	1.8
9	☐			2453.13	0.0005	P	10.1

$$y = 0.0037 * x + 4.8600E-006$$

$$R = 1.0000$$

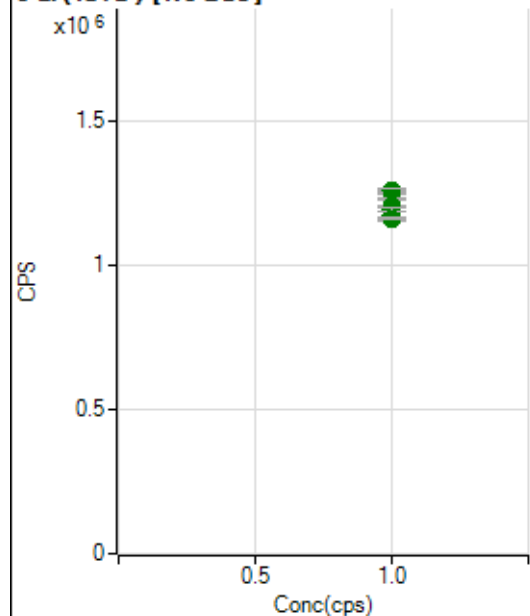
$$DL = 0.001747$$

$$BEC = 0.001328$$

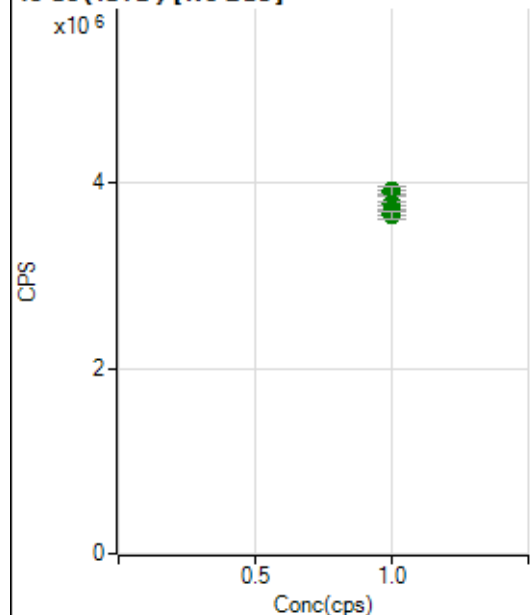
Weight: <None>

Min Conc: 0

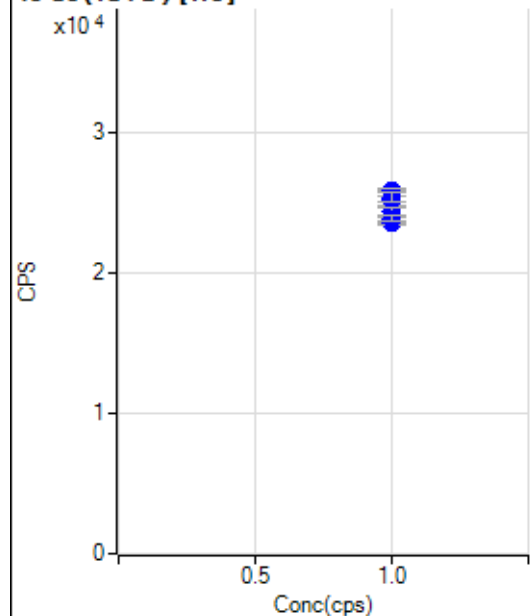
6 Li (ISTD) [No Gas]



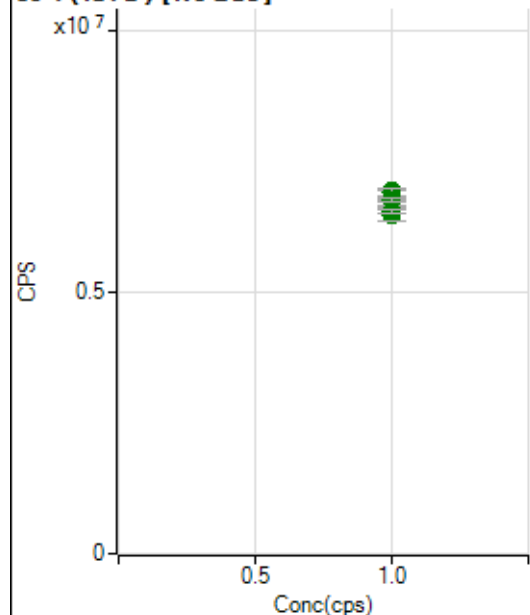
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1193994.15		A	1.4
2	☐	1.000					
3	☐	1.000		1177102.92		A	4.4
4	☐	1.000		1256183.51		A	0.7
5	☐	1.000		1259081.21		A	1.5
6	☐	1.000		1232062.24		A	0.3
7	☐	1.000		1204612.86		A	0.2
8	☐	1.000		1196597.76		A	1.1
9	☐	1.000		1164267.35		A	0.9

45 Sc (ISTD) [No Gas]

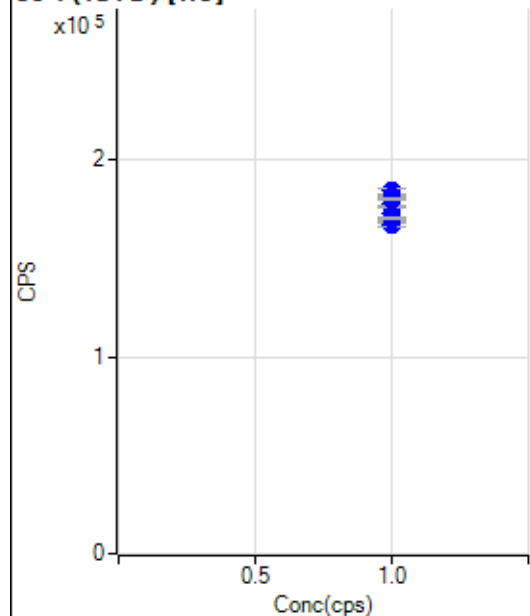
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3780245.70		A	1.4
2	☐	1.000					
3	☐	1.000		3685153.73		A	3.6
4	☐	1.000		3902343.88		A	1.4
5	☐	1.000		3915306.30		A	2.7
6	☐	1.000		3773228.12		A	0.8
7	☐	1.000		3712395.48		A	0.6
8	☐	1.000		3671354.12		A	1.2
9	☐	1.000		3655981.98		A	2.0

45 Sc (ISTD) [He]

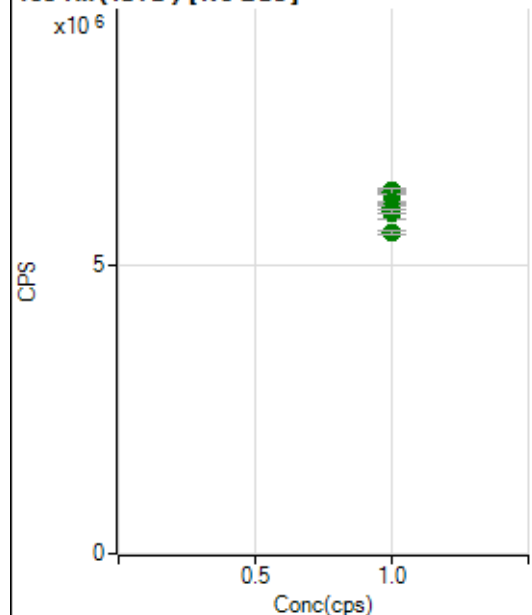
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25172.78		P	2.9
2	☐	1.000					
3	☐	1.000		23865.99		P	2.1
4	☐	1.000		25802.84		P	0.5
5	☐	1.000		25875.11		P	0.9
6	☐	1.000		24354.65		P	2.6
7	☐	1.000		23611.13		P	0.9
8	☐	1.000		23878.22		P	1.8
9	☐	1.000		25394.31		P	2.8

89 Y (ISTD) [No Gas]

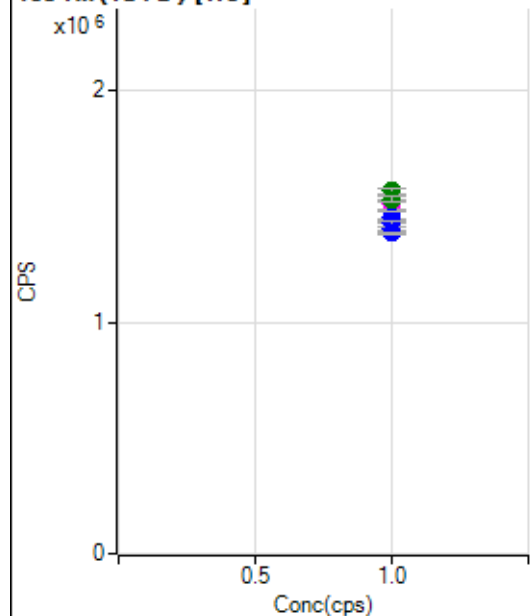
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6601107.96		A	1.0
2	☐	1.000					
3	☐	1.000		6486076.78		A	3.8
4	☐	1.000		6933272.74		A	0.1
5	☐	1.000		6915044.97		A	2.1
6	☐	1.000		6762311.70		A	0.9
7	☐	1.000		6751405.46		A	0.8
8	☐	1.000		6755728.37		A	1.2
9	☐	1.000		6534963.93		A	1.2

89 Y (ISTD) [He]

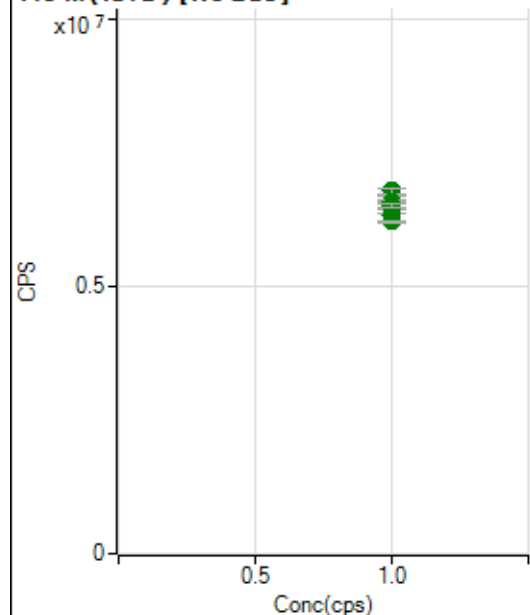
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		178165.64		P	1.5
2	☐	1.000					
3	☐	1.000		166602.98		P	1.3
4	☐	1.000		184229.76		P	1.5
5	☐	1.000		181663.44		P	0.5
6	☐	1.000		172882.49		P	3.3
7	☐	1.000		170104.81		P	1.3
8	☐	1.000		170729.79		P	0.7
9	☐	1.000		180047.14		P	0.1

103 Rh (ISTD) [No Gas]

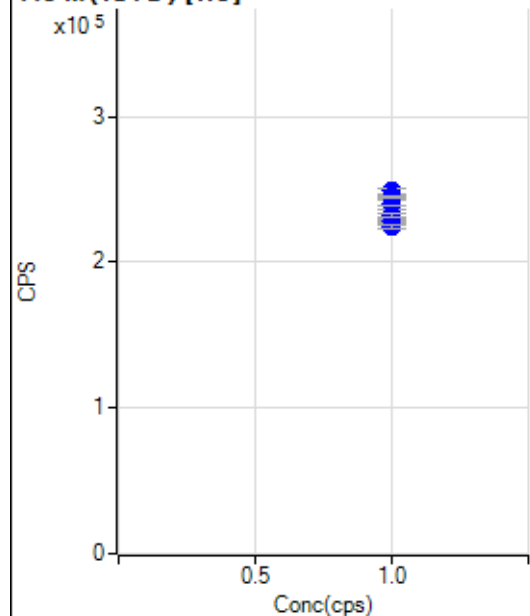
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6079098.09		A	1.1
2	☐	1.000					
3	☐	1.000		5932996.18		A	4.1
4	☐	1.000		6307064.85		A	0.3
5	☐	1.000		6299581.69		A	1.2
6	☐	1.000		6111142.37		A	0.6
7	☐	1.000		6014353.65		A	0.9
8	☐	1.000		5955693.66		A	1.3
9	☐	1.000		5596811.63		A	1.2

103 Rh (ISTD) [He]

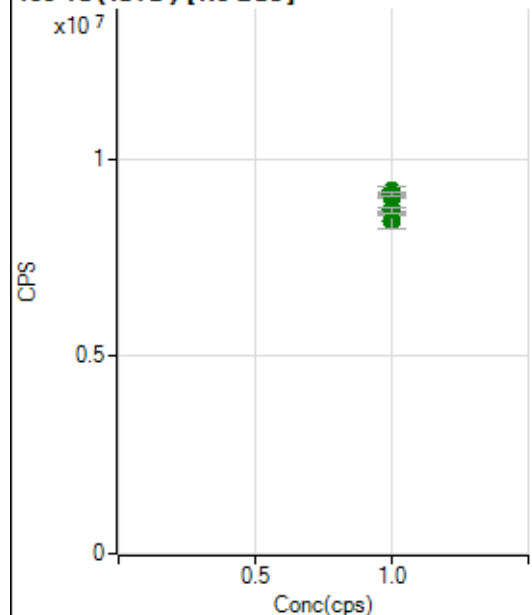
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1512601.96		M	2.8
2	☐	1.000					
3	☐	1.000		1404164.54		P	1.2
4	☐	1.000		1568923.95		A	1.8
5	☐	1.000		1532306.04		A	1.7
6	☐	1.000		1455632.65		P	3.3
7	☐	1.000		1440244.89		P	0.8
8	☐	1.000		1426298.57		P	1.3
9	☐	1.000		1386881.47		P	0.6

115 In (ISTD) [No Gas]

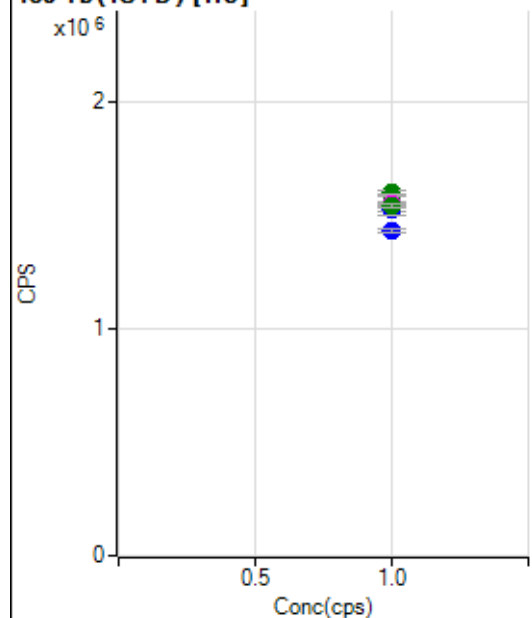
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6421719.21		A	1.7
2	☐	1.000					
3	☐	1.000		6303894.13		A	4.3
4	☐	1.000		6699252.17		A	0.7
5	☐	1.000		6774891.74		A	1.6
6	☐	1.000		6552694.92		A	0.6
7	☐	1.000		6571188.26		A	1.3
8	☐	1.000		6499477.95		A	0.9
9	☐	1.000		6197928.83		A	1.0

115 In (ISTD) [He]

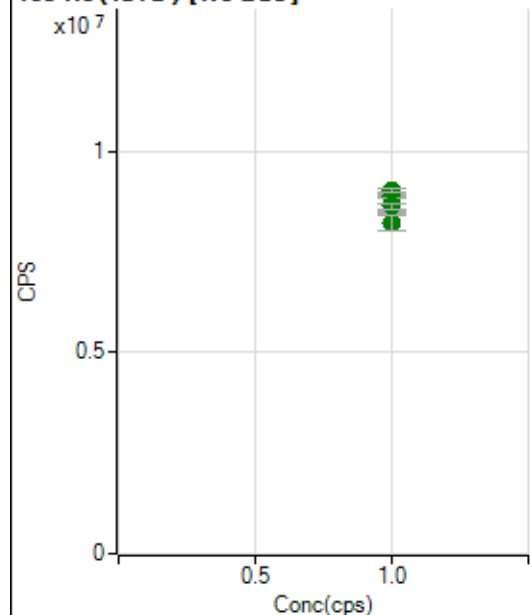
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		240464.75		P	1.3
2	☐	1.000					
3	☐	1.000		223619.14		P	1.2
4	☐	1.000		248822.88		P	1.3
5	☐	1.000		244930.95		P	0.3
6	☐	1.000		232067.43		P	3.3
7	☐	1.000		227530.31		P	1.2
8	☐	1.000		223705.12		P	1.1
9	☐	1.000		232483.61		P	1.1

159 Tb (ISTD) [No Gas]

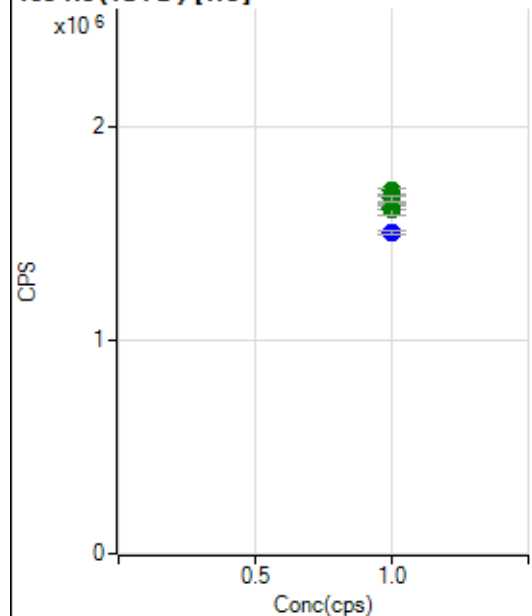
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8612903.14		A	1.4
2	☐	1.000					
3	☐	1.000		8422137.65		A	4.1
4	☐	1.000		9058641.95		A	0.6
5	☐	1.000		9187791.67		A	2.3
6	☐	1.000		9022232.02		A	0.3
7	☐	1.000		9050153.55		A	0.9
8	☐	1.000		9119715.49		A	1.0
9	☐	1.000		8709704.39		A	1.5

159 Tb (ISTD) [He]

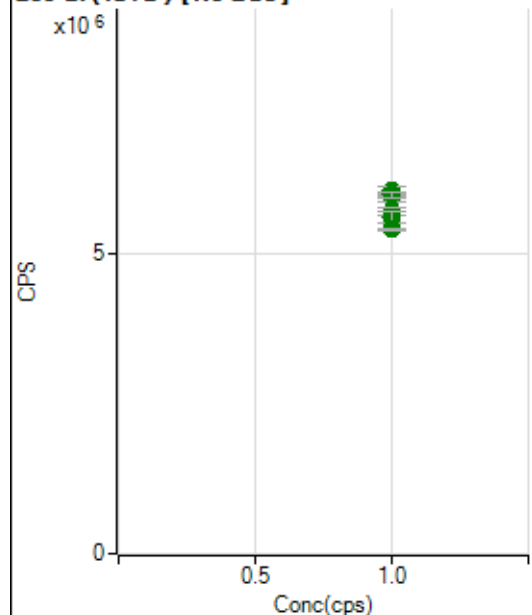
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1533186.25		M	2.1
2	☐	1.000					
3	☐	1.000		1427960.00		P	1.1
4	☐	1.000		1597116.78		A	1.0
5	☐	1.000		1586087.43		A	0.4
6	☐	1.000		1524194.26		P	3.6
7	☐	1.000		1536876.71		P	1.0
8	☐	1.000		1552072.50		M	0.8
9	☐	1.000		1539622.36		A	0.8

165 Ho (ISTD) [No Gas]

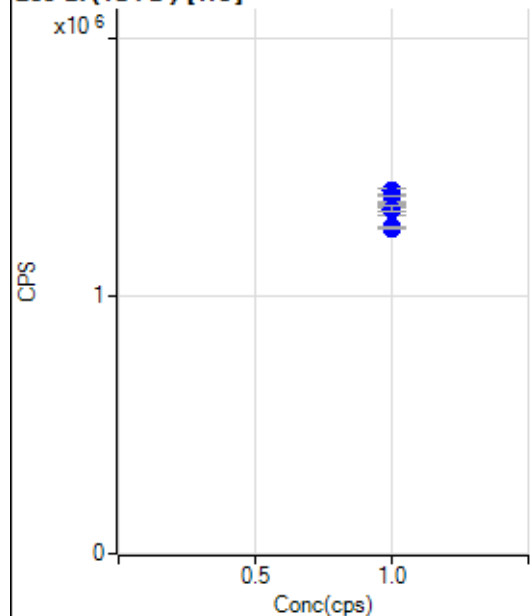
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8490873.54		A	1.0
2	☐	1.000					
3	☐	1.000		8233692.11		A	4.6
4	☐	1.000		8882163.74		A	0.6
5	☐	1.000		8962465.65		A	2.6
6	☐	1.000		8856427.54		A	0.5
7	☐	1.000		8889847.94		A	0.9
8	☐	1.000		9022387.44		A	1.0
9	☐	1.000		8638081.10		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1623798.54		A	1.4
2	☐	1.000					
3	☐	1.000		1507644.16		P	1.3
4	☐	1.000		1701354.65		A	1.3
5	☐	1.000		1684932.73		A	0.4
6	☐	1.000		1615955.86		A	3.4
7	☐	1.000		1646220.76		A	0.7
8	☐	1.000		1645773.72		A	0.7
9	☐	1.000		1663814.63		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5684699.50		A	1.9
2	☐	1.000					
3	☐	1.000		5586470.82		A	3.5
4	☐	1.000		5960156.51		A	1.0
5	☐	1.000		6028330.81		A	2.9
6	☐	1.000		5910553.87		A	0.4
7	☐	1.000		5895517.76		A	1.6
8	☐	1.000		5959270.54		A	1.5
9	☐	1.000		5386438.46		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1339525.49		P	2.5
2	☐	1.000					
3	☐	1.000		1263365.19		P	1.1
4	☐	1.000		1406121.12		P	1.8
5	☐	1.000		1387772.88		P	0.3
6	☐	1.000		1337597.08		P	3.6
7	☐	1.000		1333641.59		P	1.0
8	☐	1.000		1337460.70		P	1.3
9	☐	1.000		1262602.48		P	0.7

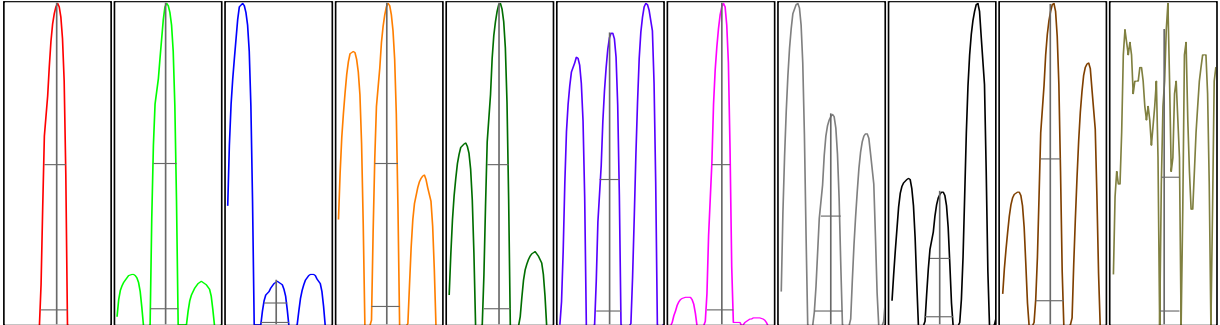
US EPA Tune Check Sample Report

Batch Folder D:\P8082318-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5868	1.06	5.00	
24	282120	0.83	5.00	
25	38656	0.81	5.00	
26	44990	0.84	5.00	
59	60080	0.86	5.00	
113	8449	1.03	5.00	
115	103989	1.13	5.00	
206	26970	1.38	5.00	
207	24570	1.37	5.00	
208	58531	1.52	5.00	
220	1	28.28		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5808	5911	5931	5897	5795
24	281070	283551	285480	280728	279771
25	38464	38808	39126	38544	38340
26	44668	45043	45617	44731	44893
59	59408	59675	60491	60242	60582
113	8332	8396	8457	8528	8534
115	101964	104138	104789	104823	104230
206	26316	27246	27153	27049	27085
207	23988	24718	24648	24856	24642
208	56980	58812	58826	59265	58771
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	10118	9.00	8.9 - 9.1		0.776	0.900	
24	468983	23.95	23.9 - 24.1		0.786	0.900	
25	64156	24.95	24.9 - 25.1		0.786	0.900	
26	75335	25.95	25.9 - 26.1		0.785	0.900	
59	104843	59.00	58.9 - 59.1		0.778	0.900	
113	15907	113.00	112.9 - 113.1		0.729	0.900	
115	195086	115.05	114.9 - 115.1		0.767	0.900	
206	48713	206.00	205.9 - 206.1		0.785	0.900	
207	44215	206.95	206.9 - 207.1		0.773	0.900	
208	106398	207.95	207.9 - 208.1		0.780	0.900	
220	1	220.05	-		0.590		

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	9.8	V	Deflect	13.6	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6855	2.79	
89	5280	2.98	
205	11214	3.01	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6989	6841	6971	6946	6528
89	5400	5255	5403	5324	5020
205	11490	11200	11356	11383	10639

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	9.8	V	Deflect	2.0	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.12	0.64	0.49	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.05	0.00	0.05	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.38	-0.26	-0.12	0.00	N/A	ppb
Boron	11-1	0.02	-0.08	0.06	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.09	-0.19	0.28	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.04	0.00	0.00	N/A	ppb
Calcium	43-1	2.78	0.17	-2.95	0.00	N/A	ppb
Calcium	44-1	-1.55	-1.42	2.97	0.00	N/A	ppb
Chromium	52-2	-0.06	0.11	-0.05	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.05	0.08	-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	0.11	0.08	-0.19	0.00	N/A	ppb
Iron	57-2	0.33	-0.12	-0.21	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	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	0.46	-0.14	-0.32	0.00	N/A	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.16	-0.17	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	-0.05	0.00	N/A	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	-3.21	9.32	-6.12	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	-0.82	1.64	-0.82	0.00	N/A	ppb
Selenium	82-1	0.37	0.24	-0.60	0.00	N/A	ppb
Silicon	28-1	-0.42	2.38	-1.96	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	-1.49	8.21	-6.73	0.00	N/A	ppb
Strontium	86-1	0.04	-0.04	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-286.06	-85.50	-490.56	-287.37		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	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.03	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.06	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.37	0.01	-0.37	0.00	N/A	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

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

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 11:39:07 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.76	20.40	22.19	18.78	23.66	ppb
Antimony	121-1	1.85	1.88	1.88	1.87	1.05	ppb
Arsenic	75-2	1.00	1.16	0.61	0.92	30.40	ppb
Barium	135-1	9.85	9.70	9.58	9.71	1.41	ppb
Barium	137-1	9.57	9.58	9.62	9.59	0.28	ppb
Beryllium	9-1	1.02	1.09	0.99	1.03	5.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	23.20	24.03	23.12	23.45	2.15	ppb
Boron	11-1	23.53	22.76	26.17	24.15	7.39	ppb
Cadmium	111-1	0.89	1.00	0.95	0.95	6.01	ppb
Cadmium	106-1	-0.42	1.31	1.28	0.72	136.48	ppb
Cadmium	108-1	0.65	0.81	0.95	0.80	18.83	ppb
Calcium	43-1	441.48	402.12	437.94	427.18	5.10	ppb
Calcium	44-1	425.80	428.72	428.04	427.52	0.36	ppb
Chromium	52-2	2.27	1.92	1.72	1.97	14.27	ppb
Cobalt	59-2	0.98	0.86	0.95	0.93	6.35	ppb
Copper	63-2	2.05	1.93	1.82	1.93	6.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	45.46	47.71	46.16	46.44	2.48	ppb
Iron	57-2	43.85	61.09	48.11	51.02	17.59	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.94	0.93	0.91	3.95	ppb
Lead	207-1	0.96	0.89	0.89	0.91	4.62	ppb
Lead	208-1	0.93	0.94	0.93	0.93	0.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	439.14	446.69	446.19	444.01	0.95	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:39:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.32	0.90	0.72	0.98	31.31	ppb
Molybdenum	94-1	4.83	4.78	4.64	4.75	2.06	ppb
Molybdenum	95-1	4.81	4.94	4.72	4.83	2.27	ppb
Molybdenum	96-1	4.81	4.74	4.49	4.68	3.65	ppb
Molybdenum	97-1	4.99	4.56	4.61	4.72	5.07	ppb
Molybdenum	98-1	4.94	4.61	4.78	4.78	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.05	1.30	1.13	12.97	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	438.52	453.10	508.40	466.68	7.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	15.85	5.28	173.21	ppb
Selenium	78-2	0.49	0.48	5.55	2.17	134.83	ppb
Selenium	82-1	4.45	5.10	5.35	4.97	9.37	ppb
Silicon	28-1	16.93	16.16	21.68	18.26	16.38	ppb
Silver	109-1	1.01	0.99	1.04	1.01	2.31	ppb
Silver	107-1	0.98	0.96	0.98	0.97	1.41	ppb
Sodium	23-2	464.51	451.86	438.35	451.57	2.90	ppb
Strontium	86-1	0.93	0.94	1.02	0.96	5.07	ppb
Strontium	88-1	0.97	0.97	0.97	0.97	0.20	ppb
Sulfur	34-1	-61.75	16.14	907.73	287.37	187.44	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	1.01	0.97	0.96	0.98	2.80	ppb
Thallium	205-1	0.96	0.97	0.96	0.96	0.60	ppb
Tin	118-1	4.77	4.70	4.80	4.76	1.13	ppb
Titanium	47-1	5.23	4.57	4.40	4.74	9.30	ppb
Uranium	238-1	0.94	0.93	0.93	0.93	0.64	ppb
Vanadium	51-2	4.51	4.33	4.31	4.38	2.59	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	2.63	1.60	1.65	1.96	29.72	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:39:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.92	0.94	0.92	2.26	ppb
Zirconium	91-1	0.89	0.81	0.89	0.86	5.54	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	948.43	948.56	952.16	949.72	0.22	ppb
Antimony	121-1	51.46	51.35	51.00	51.27	0.46	ppb
Arsenic	75-2	50.11	50.91	54.16	51.73	4.14	ppb
Barium	135-1	262.07	257.97	259.26	259.77	0.81	ppb
Barium	137-1	260.27	255.72	256.16	257.38	0.98	ppb
Beryllium	9-1	53.50	53.40	51.32	52.74	2.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	49.52	51.82	48.21	49.85	3.67	ppb
Boron	11-1	47.50	52.41	51.24	50.39	5.09	ppb
Cadmium	111-1	52.51	51.79	51.94	52.08	0.73	ppb
Cadmium	106-1	54.43	49.20	51.51	51.71	5.07	ppb
Cadmium	108-1	54.04	53.31	55.22	54.19	1.78	ppb
Calcium	43-1	4665.86	4703.20	4594.48	4654.51	1.19	ppb
Calcium	44-1	4770.27	4805.27	4673.31	4749.61	1.44	ppb
Chromium	52-2	52.30	50.77	51.59	51.55	1.48	ppb
Cobalt	59-2	52.44	51.61	52.49	52.18	0.94	ppb
Copper	63-2	104.56	103.81	105.78	104.72	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2528.02	2504.89	2552.82	2528.57	0.95	ppb
Iron	57-2	2492.37	2447.54	2509.40	2483.10	1.29	ppb
Krypton	83-1						cps
Lead	206-1	50.77	49.87	49.95	50.20	1.00	ppb
Lead	207-1	49.95	49.22	49.49	49.55	0.74	ppb
Lead	208-1	50.47	49.79	49.50	49.92	0.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	5102.58	4900.11	4986.33	4996.34	2.03	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.48	102.94	106.67	104.37	1.93	ppb
Molybdenum	94-1	253.80	253.98	255.05	254.28	0.27	ppb
Molybdenum	95-1	251.18	252.63	255.75	253.19	0.92	ppb
Molybdenum	96-1	252.55	252.48	254.33	253.12	0.41	ppb
Molybdenum	97-1	248.69	249.42	252.79	250.30	0.87	ppb
Molybdenum	98-1	250.83	252.14	252.61	251.86	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.38	52.07	54.16	52.87	2.13	ppb
Phosphorus	31-2	758.20	1271.05	1192.21	1073.82	25.72	ppb
Potassium	39-2	2431.31	2396.20	2441.85	2423.12	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	28.84	100.75	88.70	72.76	52.93	ppb
Selenium	78-2	44.36	37.33	50.24	43.98	14.70	ppb
Selenium	82-1	51.46	52.84	51.66	51.99	1.44	ppb
Silicon	28-1	60.78	60.33	56.93	59.35	3.54	ppb
Silver	109-1	53.14	52.58	53.04	52.92	0.56	ppb
Silver	107-1	53.92	53.27	53.31	53.50	0.68	ppb
Sodium	23-2	5051.77	4961.94	5031.66	5015.12	0.94	ppb
Strontium	86-1	50.34	51.05	50.39	50.59	0.78	ppb
Strontium	88-1	51.03	51.19	51.01	51.08	0.20	ppb
Sulfur	34-1	968.09	782.79	512.72	754.53	30.35	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	50.14	49.79	49.85	49.92	0.37	ppb
Thallium	205-1	51.35	50.37	50.25	50.66	1.19	ppb
Tin	118-1	51.98	51.24	51.27	51.50	0.81	ppb
Titanium	47-1	255.04	253.35	250.84	253.08	0.83	ppb
Uranium	238-1	49.82	49.45	48.56	49.28	1.31	ppb
Vanadium	51-2	51.93	51.08	52.12	51.71	1.06	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	109.96	108.20	108.88	109.01	0.82	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.02	50.07	50.39	50.16	0.41	ppb
Zirconium	91-1	49.96	49.75	50.57	50.09	0.85	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2367.96	2381.26	2422.40	2390.54	1.19	ppb
Antimony	121-1	128.84	129.94	122.61	127.13	3.11	ppb
Arsenic	75-2	124.07	128.97	128.41	127.15	2.11	ppb
Barium	135-1	647.63	641.18	618.99	635.94	2.36	ppb
Barium	137-1	661.50	645.20	625.22	643.97	2.82	ppb
Beryllium	9-1	130.13	130.00	125.87	128.66	1.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	124.75	128.89	125.71	126.45	1.71	ppb
Boron	11-1	124.19	128.57	122.61	125.12	2.47	ppb
Cadmium	111-1	130.78	128.51	126.11	128.47	1.82	ppb
Cadmium	106-1	132.00	127.89	125.92	128.60	2.41	ppb
Cadmium	108-1	131.06	130.74	124.38	128.72	2.93	ppb
Calcium	43-1	11684.95	11557.67	11052.74	11431.79	2.92	ppb
Calcium	44-1	11924.64	11638.94	10997.64	11520.41	4.12	ppb
Chromium	52-2	128.12	126.39	128.62	127.71	0.92	ppb
Cobalt	59-2	127.48	126.68	127.47	127.21	0.36	ppb
Copper	63-2	253.26	251.69	254.44	253.13	0.54	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	6238.28	6190.58	6300.10	6242.99	0.88	ppb
Iron	57-2	6007.29	5897.28	6136.11	6013.56	1.99	ppb
Krypton	83-1						cps
Lead	206-1	125.98	124.20	120.21	123.46	2.39	ppb
Lead	207-1	124.70	122.50	118.04	121.75	2.78	ppb
Lead	208-1	125.79	123.76	118.99	122.85	2.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	12168.79	12069.37	12211.39	12149.85	0.60	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.39	250.33	255.22	253.65	1.13	ppb
Molybdenum	94-1	655.91	646.00	614.23	638.71	3.41	ppb
Molybdenum	95-1	649.97	641.21	617.54	636.24	2.64	ppb
Molybdenum	96-1	645.31	637.94	615.59	632.95	2.44	ppb
Molybdenum	97-1	630.95	622.76	605.16	619.62	2.13	ppb
Molybdenum	98-1	649.81	632.08	611.81	631.23	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.28	127.39	128.42	128.03	0.43	ppb
Phosphorus	31-2	2514.52	2556.85	2867.19	2646.19	7.28	ppb
Potassium	39-2	5905.43	5887.36	5902.12	5898.30	0.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	161.74	124.84	170.42	152.33	15.88	ppb
Selenium	78-2	137.36	118.34	146.78	134.16	10.80	ppb
Selenium	82-1	130.31	126.25	125.57	127.37	2.01	ppb
Silicon	28-1	155.71	153.85	141.58	150.38	5.11	ppb
Silver	109-1	131.00	129.98	127.16	129.38	1.54	ppb
Silver	107-1	133.95	130.97	127.37	130.76	2.52	ppb
Sodium	23-2	12232.38	12065.27	12310.81	12202.82	1.03	ppb
Strontium	86-1	126.93	123.81	122.36	124.37	1.88	ppb
Strontium	88-1	131.88	128.97	125.50	128.78	2.48	ppb
Sulfur	34-1	2353.80	2272.94	1428.59	2018.44	25.39	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	125.21	123.02	119.66	122.63	2.28	ppb
Thallium	205-1	128.84	125.92	122.16	125.64	2.66	ppb
Tin	118-1	128.48	126.88	121.46	125.61	2.93	ppb
Titanium	47-1	638.39	625.57	598.36	620.78	3.29	ppb
Uranium	238-1	127.53	124.32	119.65	123.83	3.20	ppb
Vanadium	51-2	126.88	124.25	127.66	126.26	1.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	251.76	255.78	257.40	254.98	1.14	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.87	128.18	121.90	125.98	2.81	ppb
Zirconium	91-1	126.99	127.14	120.08	124.73	3.23	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4808.94	4693.02	4775.68	4759.21	1.25	ppb
Antimony	121-1	255.56	256.88	258.24	256.89	0.52	ppb
Arsenic	75-2	270.76	257.35	247.04	258.39	4.60	ppb
Barium	135-1	1277.16	1281.81	1283.74	1280.90	0.26	ppb
Barium	137-1	1281.19	1268.85	1294.30	1281.45	0.99	ppb
Beryllium	9-1	258.11	255.47	257.33	256.97	0.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	253.40	260.03	265.03	259.49	2.25	ppb
Boron	11-1	249.75	247.69	259.83	252.42	2.58	ppb
Cadmium	111-1	255.07	256.65	259.88	257.20	0.95	ppb
Cadmium	106-1	258.18	255.83	259.51	257.84	0.72	ppb
Cadmium	108-1	254.29	254.36	258.05	255.56	0.84	ppb
Calcium	43-1	23027.35	23013.01	23402.90	23147.75	0.96	ppb
Calcium	44-1	22957.89	22927.56	23379.39	23088.28	1.09	ppb
Chromium	52-2	264.48	256.09	255.47	258.68	1.95	ppb
Cobalt	59-2	268.63	253.62	257.15	259.80	3.02	ppb
Copper	63-2	532.32	505.99	509.55	515.96	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	13147.69	12362.39	12285.80	12598.63	3.79	ppb
Iron	57-2	12870.36	12115.55	12142.96	12376.29	3.46	ppb
Krypton	83-1						cps
Lead	206-1	248.97	248.54	252.49	250.00	0.87	ppb
Lead	207-1	245.09	246.32	250.55	247.32	1.16	ppb
Lead	208-1	251.19	251.26	254.61	252.36	0.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	25413.54	24270.11	24248.12	24643.92	2.70	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	537.60	506.91	507.11	517.21	3.42	ppb
Molybdenum	94-1	1279.15	1274.83	1299.46	1284.48	1.02	ppb
Molybdenum	95-1	1279.40	1261.29	1306.20	1282.30	1.76	ppb
Molybdenum	96-1	1264.71	1266.01	1284.73	1271.82	0.88	ppb
Molybdenum	97-1	1276.76	1272.77	1301.77	1283.76	1.22	ppb
Molybdenum	98-1	1263.98	1248.71	1286.46	1266.38	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.74	255.11	256.50	259.45	2.45	ppb
Phosphorus	31-2	5617.25	4806.08	5075.27	5166.20	8.00	ppb
Potassium	39-2	12348.48	11783.06	11800.77	11977.44	2.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	217.08	252.21	317.50	262.26	19.43	ppb
Selenium	78-2	271.74	301.25	239.66	270.88	11.37	ppb
Selenium	82-1	258.71	255.74	262.70	259.05	1.35	ppb
Silicon	28-1	273.75	265.52	276.22	271.83	2.06	ppb
Silver	109-1	264.97	261.85	264.84	263.89	0.67	ppb
Silver	107-1	261.49	262.60	266.77	263.62	1.06	ppb
Sodium	23-2	26050.07	25069.19	24812.78	25310.68	2.58	ppb
Strontium	86-1	249.45	247.91	255.06	250.81	1.50	ppb
Strontium	88-1	255.38	252.72	257.46	255.19	0.93	ppb
Sulfur	34-1	5142.41	4768.70	4873.85	4928.32	3.91	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	249.33	251.66	256.21	252.40	1.39	ppb
Thallium	205-1	254.57	254.90	253.66	254.38	0.25	ppb
Tin	118-1	252.61	251.56	254.48	252.88	0.58	ppb
Titanium	47-1	1258.65	1247.70	1272.90	1259.75	1.00	ppb
Uranium	238-1	249.86	249.48	251.93	250.42	0.53	ppb
Vanadium	51-2	267.39	250.30	253.48	257.06	3.54	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	534.38	511.36	507.01	517.58	2.84	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	257.86	254.77	261.91	258.18	1.39	ppb
Zirconium	91-1	253.05	247.25	253.94	251.41	1.44	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9647.31	9407.86	9322.56	9459.24	1.78	ppb
Antimony	121-1	514.21	506.79	504.33	508.44	1.01	ppb
Arsenic	75-2	517.26	496.21	507.39	506.95	2.08	ppb
Barium	135-1	2548.11	2556.78	2518.08	2540.99	0.80	ppb
Barium	137-1	2533.14	2505.10	2518.22	2518.82	0.56	ppb
Beryllium	9-1	507.98	509.48	508.04	508.50	0.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	497.43	501.14	508.90	502.49	1.16	ppb
Boron	11-1	501.56	508.79	513.82	508.06	1.21	ppb
Cadmium	111-1	512.07	508.69	505.07	508.61	0.69	ppb
Cadmium	106-1	520.24	509.29	512.10	513.88	1.11	ppb
Cadmium	108-1	514.88	507.14	506.73	509.59	0.90	ppb
Calcium	43-1	46352.37	45676.65	46106.61	46045.21	0.74	ppb
Calcium	44-1	46575.99	46002.91	45766.31	46115.07	0.90	ppb
Chromium	52-2	516.69	505.86	506.02	509.52	1.22	ppb
Cobalt	59-2	517.17	510.25	505.66	511.03	1.13	ppb
Copper	63-2	1032.04	1010.81	1011.03	1017.96	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	25184.67	24710.32	24471.28	24788.76	1.46	ppb
Iron	57-2	24484.96	24247.78	24134.61	24289.11	0.74	ppb
Krypton	83-1						cps
Lead	206-1	513.70	508.93	503.98	508.87	0.95	ppb
Lead	207-1	518.50	503.40	507.29	509.73	1.54	ppb
Lead	208-1	517.32	507.78	504.96	510.02	1.27	ppb
Lithium	6-1				101		%
Magnesium	24-2	49641.29	49171.46	48372.31	49061.69	1.31	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1039.13	1025.72	1012.51	1025.79	1.30	ppb
Molybdenum	94-1	2498.52	2504.52	2531.03	2511.36	0.69	ppb
Molybdenum	95-1	2512.10	2491.35	2528.58	2510.68	0.74	ppb
Molybdenum	96-1	2528.79	2525.43	2500.19	2518.13	0.62	ppb
Molybdenum	97-1	2542.60	2498.14	2545.42	2528.72	1.05	ppb
Molybdenum	98-1	2513.71	2506.27	2536.54	2518.84	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.60	510.94	509.09	514.21	1.42	ppb
Phosphorus	31-2	9945.53	11034.28	9899.65	10293.15	6.24	ppb
Potassium	39-2	23781.47	23479.40	23371.30	23544.06	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	469.18	581.90	537.00	529.36	10.72	ppb
Selenium	78-2	530.67	511.49	496.53	512.90	3.34	ppb
Selenium	82-1	505.52	504.18	506.41	505.37	0.22	ppb
Silicon	28-1	527.47	514.24	522.05	521.25	1.28	ppb
Silver	109-1	521.82	513.55	514.18	516.52	0.89	ppb
Silver	107-1	516.81	511.30	513.59	513.90	0.54	ppb
Sodium	23-2	50524.33	49319.81	49814.51	49886.22	1.21	ppb
Strontium	86-1	496.57	490.32	503.46	496.78	1.32	ppb
Strontium	88-1	504.53	498.93	503.25	502.24	0.58	ppb
Sulfur	34-1	10076.04	9546.30	9762.14	9794.83	2.72	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	516.11	511.86	505.37	511.11	1.06	ppb
Thallium	205-1	507.79	502.26	499.11	503.05	0.87	ppb
Tin	118-1	515.38	505.91	507.03	509.44	1.02	ppb
Titanium	47-1	2579.23	2537.67	2532.70	2549.86	1.00	ppb
Uranium	238-1	508.69	503.18	495.15	502.34	1.36	ppb
Vanadium	51-2	509.08	506.04	505.92	507.02	0.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1036.52	1019.26	1000.20	1018.66	1.78	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.52	499.28	507.48	503.09	0.82	ppb
Zirconium	91-1	500.18	495.16	500.04	498.46	0.57	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18934.34	18149.19	18133.54	18405.69	2.49	ppb
Antimony	121-1	984.58	999.05	997.55	993.73	0.80	ppb
Arsenic	75-2	1008.81	991.43	981.98	994.07	1.37	ppb
Barium	135-1	4915.28	4996.26	4998.23	4969.92	0.95	ppb
Barium	137-1	4949.29	5004.08	4986.59	4979.99	0.56	ppb
Beryllium	9-1	983.46	993.49	1003.29	993.41	1.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	954.70	998.60	1035.44	996.25	4.06	ppb
Boron	11-1	969.38	994.18	1022.50	995.35	2.67	ppb
Cadmium	111-1	981.79	1002.46	995.82	993.36	1.06	ppb
Cadmium	106-1	971.86	999.12	1000.72	990.57	1.64	ppb
Cadmium	108-1	980.66	1008.57	990.19	993.14	1.43	ppb
Calcium	43-1	91714.07	91323.89	92597.15	91878.37	0.71	ppb
Calcium	44-1	89288.50	91953.87	91734.27	90992.21	1.63	ppb
Chromium	52-2	1012.72	980.43	984.81	992.65	1.76	ppb
Cobalt	59-2	1014.91	982.30	977.74	991.65	2.04	ppb
Copper	63-2	2040.84	1945.13	1973.24	1986.40	2.48	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				101		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	49560.51	47760.12	47738.92	48353.18	2.16	ppb
Iron	57-2	48546.24	46896.32	46823.30	47421.95	2.05	ppb
Krypton	83-1						cps
Lead	206-1	981.75	995.12	1010.38	995.75	1.44	ppb
Lead	207-1	986.13	994.74	1007.83	996.23	1.10	ppb
Lead	208-1	980.46	988.96	1014.60	994.67	1.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	99660.38	95652.38	96878.94	97397.23	2.11	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2023.63	1972.26	1950.50	1982.13	1.89	ppb
Molybdenum	94-1	4911.18	5037.49	5002.65	4983.77	1.31	ppb
Molybdenum	95-1	4927.05	5033.14	4994.88	4985.02	1.08	ppb
Molybdenum	96-1	4919.09	5031.64	5002.25	4984.33	1.17	ppb
Molybdenum	97-1	4916.02	5011.73	5005.82	4977.86	1.08	ppb
Molybdenum	98-1	4936.76	5019.45	5000.63	4985.61	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1013.01	978.13	978.90	990.01	2.01	ppb
Phosphorus	31-2	21260.37	18801.24	19308.12	19789.91	6.56	ppb
Potassium	39-2	46677.88	45015.95	45289.98	45661.27	1.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	1065.44	956.64	911.02	977.70	8.11	ppb
Selenium	78-2	952.69	1049.87	959.95	987.50	5.48	ppb
Selenium	82-1	976.78	999.45	1007.74	994.66	1.61	ppb
Silicon	28-1	970.91	983.17	986.51	980.19	0.84	ppb
Silver	109-1	973.47	995.90	993.37	987.58	1.24	ppb
Silver	107-1	976.07	1008.18	982.01	988.75	1.73	ppb
Sodium	23-2	97978.73	94024.86	94334.83	95446.14	2.30	ppb
Strontium	86-1	984.97	1000.90	1018.50	1001.46	1.67	ppb
Strontium	88-1	981.59	1005.61	1003.98	997.06	1.35	ppb
Sulfur	34-1	19840.26	20287.60	20451.07	20192.98	1.57	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	980.92	984.21	1017.30	994.14	2.02	ppb
Thallium	205-1	991.65	985.68	1014.48	997.27	1.52	ppb
Tin	118-1	978.91	1002.06	1002.25	994.41	1.35	ppb
Titanium	47-1	4871.25	5013.15	5034.62	4973.00	1.79	ppb
Uranium	238-1	989.22	987.53	1019.97	998.90	1.83	ppb
Vanadium	51-2	1013.18	983.02	987.26	994.49	1.64	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	2035.79	1958.34	1961.48	1985.20	2.21	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	981.93	1008.13	998.78	996.28	1.33	ppb
Zirconium	91-1	992.59	1002.94	1005.81	1000.44	0.69	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102188.66	98244.95	100731.05	100388.22	1.99	ppb
Antimony	121-1	3.89	3.84	3.74	3.82	1.90	ppb
Arsenic	75-2	1.87	1.68	1.87	1.81	5.92	ppb
Barium	135-1	1.69	1.86	1.67	1.74	6.24	ppb
Barium	137-1	1.75	1.73	1.61	1.70	4.24	ppb
Beryllium	9-1	0.86	0.68	0.66	0.74	15.18	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	57.69	52.76	44.86	51.77	12.50	ppb
Boron	11-1	55.04	50.10	46.03	50.39	8.95	ppb
Cadmium	111-1	0.28	0.40	0.28	0.32	21.65	ppb
Cadmium	106-1	0.78	1.25	0.30	0.78	61.08	ppb
Cadmium	108-1	0.87	0.62	1.08	0.86	27.23	ppb
Calcium	43-1	505198.33	508529.82	492699.81	502142.65	1.66	ppb
Calcium	44-1	505177.92	508790.38	492969.81	502312.70	1.65	ppb
Chromium	52-2	41.65	41.25	40.59	41.16	1.29	ppb
Cobalt	59-2	12.90	13.06	12.79	12.92	1.03	ppb
Copper	63-2	5.28	5.10	5.17	5.18	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	256579.08	243367.76	251089.50	250345.45	2.65	ppb
Iron	57-2	255952.40	246246.67	249597.82	250598.96	1.97	ppb
Krypton	83-1						cps
Lead	206-1	7.22	7.23	7.11	7.18	0.91	ppb
Lead	207-1	6.80	6.64	6.51	6.65	2.14	ppb
Lead	208-1	7.01	7.00	6.79	6.94	1.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	513072.64	488251.94	500598.53	500641.03	2.48	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.02	10.76	11.33	11.03	2.58	ppb
Molybdenum	94-1	7.10	7.10	6.76	6.99	2.87	ppb
Molybdenum	95-1	9.39	9.17	8.74	9.10	3.60	ppb
Molybdenum	96-1	9.49	9.43	8.89	9.27	3.59	ppb
Molybdenum	97-1	9.71	9.02	8.72	9.15	5.54	ppb
Molybdenum	98-1	9.38	9.35	8.76	9.16	3.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.37	34.17	34.24	34.60	1.95	ppb
Phosphorus	31-2	30.42	57.61	0.00	29.35	98.21	ppb
Potassium	39-2	254816.59	246926.51	251404.19	251049.10	1.58	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	7.43	2.48	173.21	ppb
Selenium	78-2	-0.82	-0.82	-0.82	-0.82		ppb
Selenium	82-1	1.56	1.21	0.91	1.23	26.55	ppb
Silicon	28-1	55.50	58.29	56.17	56.65	2.57	ppb
Silver	109-1	0.14	0.12	0.13	0.13	6.52	ppb
Silver	107-1	0.12	0.12	0.12	0.12	2.12	ppb
Sodium	23-2	515427.26	486090.80	501223.76	500913.94	2.93	ppb
Strontium	86-1	5.59	5.60	5.35	5.51	2.51	ppb
Strontium	88-1	5.60	5.59	5.55	5.58	0.48	ppb
Sulfur	34-1	-605.35	-468.53	-795.78	-623.22		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.78	0.76	0.73	0.76	3.29	ppb
Thallium	205-1	0.76	0.77	0.70	0.74	5.64	ppb
Tin	118-1	5.30	5.16	5.18	5.21	1.51	ppb
Titanium	47-1	2.69	2.84	2.97	2.84	5.00	ppb
Uranium	238-1	0.13	0.13	0.11	0.12	10.20	ppb
Vanadium	51-2	0.47	0.55	0.58	0.53	10.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	899.43	865.61	891.48	885.51	2.00	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.27	0.28	0.27	4.03	ppb
Zirconium	91-1	0.29	0.24	0.24	0.26	11.73	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:06:37	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.75	507.79	460.61	487.38	4.97	ppb
Antimony	121-1	197.46	198.06	200.10	198.54	0.70	ppb
Arsenic	75-2	204.48	203.99	202.12	203.53	0.61	ppb
Barium	135-1	100.98	102.17	102.38	101.84	0.74	ppb
Barium	137-1	99.63	100.39	101.26	100.43	0.81	ppb
Beryllium	9-1	101.76	99.96	99.42	100.38	1.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	11.10	11.34	11.55	11.33	1.97	ppb
Boron	11-1	11.49	11.02	10.87	11.13	2.87	ppb
Cadmium	111-1	101.07	101.28	102.95	101.77	1.01	ppb
Cadmium	106-1	87.34	86.58	88.17	87.36	0.91	ppb
Cadmium	108-1	90.42	93.34	91.55	91.77	1.61	ppb
Calcium	43-1	1822.22	1808.78	1839.19	1823.40	0.84	ppb
Calcium	44-1	1816.65	1784.69	1799.27	1800.20	0.89	ppb
Chromium	52-2	102.38	96.50	95.94	98.27	3.63	ppb
Cobalt	59-2	104.60	98.85	98.86	100.77	3.29	ppb
Copper	63-2	105.45	99.40	98.68	101.18	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1026.89	964.76	967.16	986.27	3.57	ppb
Iron	57-2	1007.94	982.29	987.76	992.66	1.36	ppb
Krypton	83-1						cps
Lead	206-1	195.60	192.43	195.18	194.40	0.88	ppb
Lead	207-1	185.66	183.00	185.59	184.75	0.82	ppb
Lead	208-1	195.08	192.77	194.37	194.07	0.61	ppb
Lithium	6-1				107		%
Magnesium	24-2	1189.02	1127.47	1109.25	1141.92	3.66	ppb

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 12:06:37 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.61	98.82	92.94	97.12	3.75	ppb
Molybdenum	94-1	0.37	0.37	0.38	0.37	2.23	ppb
Molybdenum	95-1	0.28	0.27	0.25	0.27	6.67	ppb
Molybdenum	96-1	0.34	0.37	0.27	0.33	17.12	ppb
Molybdenum	97-1	0.31	0.23	0.29	0.27	14.89	ppb
Molybdenum	98-1	0.29	0.24	0.26	0.27	10.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.66	99.93	100.34	101.64	2.58	ppb
Phosphorus	31-2	0.00	55.69	0.00	18.56	173.21	ppb
Potassium	39-2	2027.91	1962.82	1973.03	1987.92	1.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	199.86	195.03	268.27	221.05	18.53	ppb
Selenium	78-2	225.14	191.83	193.12	203.36	9.28	ppb
Selenium	82-1	201.61	198.56	204.22	201.46	1.41	ppb
Silicon	28-1	-6.74	-5.90	-6.06	-6.23		ppb
Silver	109-1	102.34	102.78	103.73	102.95	0.69	ppb
Silver	107-1	102.09	102.38	104.10	102.86	1.06	ppb
Sodium	23-2	2150.32	1984.28	2016.30	2050.30	4.30	ppb
Strontium	86-1	2.28	2.50	2.30	2.36	5.17	ppb
Strontium	88-1	2.20	2.29	2.27	2.25	1.97	ppb
Sulfur	34-1	-1573.07	-1706.88	-1361.61	-1547.19		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	198.25	194.93	197.22	196.80	0.86	ppb
Thallium	205-1	204.27	196.63	202.70	201.20	2.01	ppb
Tin	118-1	0.10	0.16	0.11	0.13	24.97	ppb
Titanium	47-1	0.10	0.04	0.16	0.10	59.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.47	ppb
Vanadium	51-2	103.62	97.58	99.44	100.21	3.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	209.74	201.79	198.96	203.50	2.75	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:06:37	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.09	0.08	17.00	ppb
Zirconium	91-1	0.11	0.14	0.10	0.12	17.02	ppb

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 12:17:45 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	1.93	1.39	1.40	38.32	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	10.28	ppb
Arsenic	75-2	0.00	0.07	0.00	0.02	193.70	ppb
Barium	135-1	0.01	0.03	0.03	0.02	48.86	ppb
Barium	137-1	0.01	0.01	0.00	0.01	79.35	ppb
Beryllium	9-1	0.10	0.08	0.18	0.12	47.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	6.46	5.96	6.37	6.26	4.24	ppb
Boron	11-1	5.84	5.40	5.69	5.64	3.94	ppb
Cadmium	111-1	0.08	-0.04	0.02	0.02	328.55	ppb
Cadmium	106-1	1.05	-0.70	0.38	0.24	367.52	ppb
Cadmium	108-1	0.04	0.00	0.04	0.02	88.89	ppb
Calcium	43-1	-10.03	-1.33	0.37	-3.66		ppb
Calcium	44-1	3.14	3.68	3.27	3.36	8.41	ppb
Chromium	52-2	-0.17	-0.08	-0.10	-0.12		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	192.44	ppb
Copper	63-2	-0.09	-0.05	-0.05	-0.06		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				101		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.88	0.99	0.64	0.84	21.18	ppb
Iron	57-2	2.71	5.80	1.73	3.41	62.19	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	10.82	ppb
Lead	207-1	0.04	0.05	0.03	0.04	20.35	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.14	3.45	-1.13	0.73	330.98	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:17:45	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.50	-0.31	-0.20	-0.34		ppb
Molybdenum	94-1	0.07	0.08	0.12	0.09	26.90	ppb
Molybdenum	95-1	0.09	0.07	0.10	0.09	15.80	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	3.62	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	79.16	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.07	0.02	-0.04		ppb
Phosphorus	31-2	0.00	28.03	0.00	9.34	173.21	ppb
Potassium	39-2	22.25	24.98	32.70	26.64	20.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.82	-0.82	0.35	-0.43		ppb
Selenium	82-1	-0.70	-0.03	0.34	-0.13		ppb
Silicon	28-1	-5.49	-4.49	-8.40	-6.13		ppb
Silver	109-1	0.01	0.00	0.01	0.01	70.40	ppb
Silver	107-1	0.01	0.00	0.00	0.00	117.36	ppb
Sodium	23-2	48.73	41.02	58.12	49.29	17.37	ppb
Strontium	86-1	-0.01	-0.04	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1046.62	-910.16	-1233.75	-1063.51		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.09	0.09	5.81	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	8.73	ppb
Tin	118-1	0.07	0.04	0.04	0.05	37.75	ppb
Titanium	47-1	-0.03	-0.01	0.00	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.21	ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	311.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	0.46	0.50	0.43	0.47	7.85	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:17:45	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	37.06	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	53.58	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:21:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85022.62	84820.62	87660.53	85834.59	1.85	ppb
Antimony	121-1	1.18	1.16	1.20	1.18	1.90	ppb
Arsenic	75-2	0.13	0.21	0.13	0.16	28.24	ppb
Barium	135-1	1.55	1.31	1.47	1.44	8.36	ppb
Barium	137-1	1.40	1.50	1.44	1.45	3.27	ppb
Beryllium	9-1	0.42	0.39	0.52	0.44	14.91	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	10.48	8.12	9.42	9.34	12.62	ppb
Boron	11-1	8.06	6.91	7.45	7.47	7.66	ppb
Cadmium	111-1	0.32	0.20	0.29	0.27	23.33	ppb
Cadmium	106-1	0.04	-0.88	-0.75	-0.53		ppb
Cadmium	108-1	8.62	9.16	7.43	8.40	10.55	ppb
Calcium	43-1	90431.21	89620.04	89762.15	89937.80	0.48	ppb
Calcium	44-1	89462.23	87747.87	88465.23	88558.44	0.97	ppb
Chromium	52-2	18.83	19.19	19.37	19.13	1.44	ppb
Cobalt	59-2	1.07	1.17	1.23	1.15	7.02	ppb
Copper	63-2	6.97	7.22	7.66	7.28	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	93184.15	93395.67	96316.48	94298.77	1.86	ppb
Iron	57-2	91264.75	91830.97	94096.00	92397.24	1.62	ppb
Krypton	83-1						cps
Lead	206-1	4.88	4.71	4.87	4.82	1.94	ppb
Lead	207-1	4.14	4.06	4.09	4.10	1.05	ppb
Lead	208-1	4.43	4.38	4.38	4.40	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	91876.67	92043.27	94217.26	92712.40	1.41	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:21:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.45	6.39	6.06	6.30	3.36	ppb
Molybdenum	94-1	1367.26	1360.36	1352.40	1360.01	0.55	ppb
Molybdenum	95-1	1953.85	1948.79	1941.24	1947.96	0.33	ppb
Molybdenum	96-1	1883.48	1860.64	1878.49	1874.20	0.64	ppb
Molybdenum	97-1	1958.39	1951.70	1939.72	1949.94	0.49	ppb
Molybdenum	98-1	1931.05	1936.05	1928.69	1931.93	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	5.52	4.91	5.15	6.31	ppb
Phosphorus	31-2	97190.43	96479.05	98400.56	97356.68	1.00	ppb
Potassium	39-2	89628.15	89664.54	92978.94	90757.21	2.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.59	0.39	-0.82	0.39	311.95	ppb
Selenium	82-1	0.09	-0.57	0.35	-0.04		ppb
Silicon	28-1	33.34	34.19	33.99	33.84	1.31	ppb
Silver	109-1	0.05	0.03	0.07	0.05	37.52	ppb
Silver	107-1	0.03	0.05	0.06	0.05	32.23	ppb
Sodium	23-2	92459.52	93054.80	95101.43	93538.58	1.48	ppb
Strontium	86-1	33.10	33.49	33.23	33.27	0.60	ppb
Strontium	88-1	34.28	34.16	33.86	34.10	0.63	ppb
Sulfur	34-1	86497.58	84857.29	85786.46	85713.78	0.96	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.13	0.13	0.14	13.65	ppb
Thallium	205-1	0.14	0.15	0.18	0.16	10.61	ppb
Tin	118-1	0.18	0.17	0.15	0.16	7.72	ppb
Titanium	47-1	2001.04	1977.93	1989.33	1989.43	0.58	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	17.90	ppb
Vanadium	51-2	0.08	0.13	0.14	0.12	27.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	11.13	10.97	11.68	11.26	3.29	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:21:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.33	0.29	0.34	13.14	ppb
Zirconium	91-1	0.27	0.36	0.30	0.31	15.74	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86174.34	88776.30	84178.48	86376.37	2.67	ppb
Antimony	121-1	20.47	20.43	20.44	20.45	0.11	ppb
Arsenic	75-2	18.65	18.34	18.93	18.64	1.61	ppb
Barium	135-1	21.92	21.59	21.16	21.55	1.77	ppb
Barium	137-1	21.67	21.10	21.11	21.29	1.53	ppb
Beryllium	9-1	20.38	20.12	20.60	20.37	1.18	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	65.38	71.70	68.76	68.62	4.61	ppb
Boron	11-1	67.10	68.26	68.60	67.99	1.16	ppb
Cadmium	111-1	19.86	19.66	20.00	19.84	0.88	ppb
Cadmium	106-1	23.43	24.53	23.73	23.90	2.38	ppb
Cadmium	108-1	30.00	31.54	28.73	30.09	4.68	ppb
Calcium	43-1	89247.44	89798.48	89921.62	89655.85	0.40	ppb
Calcium	44-1	88596.40	90533.62	88776.40	89302.14	1.20	ppb
Chromium	52-2	39.10	40.53	37.39	39.00	4.02	ppb
Cobalt	59-2	20.71	21.11	20.57	20.80	1.33	ppb
Copper	63-2	26.80	27.84	26.67	27.11	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	94467.23	96840.98	93223.10	94843.77	1.94	ppb
Iron	57-2	92294.36	95307.94	91361.98	92988.09	2.22	ppb
Krypton	83-1						cps
Lead	206-1	24.80	25.20	24.62	24.88	1.18	ppb
Lead	207-1	22.74	22.90	22.33	22.65	1.30	ppb
Lead	208-1	23.60	23.72	23.29	23.54	0.95	ppb
Lithium	6-1				101		%
Magnesium	24-2	93509.70	94677.20	90727.55	92971.48	2.18	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.18	27.79	27.24	27.40	1.23	ppb
Molybdenum	94-1	1473.57	1466.16	1463.80	1467.84	0.35	ppb
Molybdenum	95-1	1972.19	1977.10	1963.96	1971.08	0.34	ppb
Molybdenum	96-1	1927.83	1943.24	1910.67	1927.25	0.85	ppb
Molybdenum	97-1	1999.55	2006.85	1986.33	1997.58	0.52	ppb
Molybdenum	98-1	1964.63	2003.88	1976.63	1981.71	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	25.68	24.73	25.06	2.13	ppb
Phosphorus	31-2	100801.49	103451.41	95148.55	99800.48	4.25	ppb
Potassium	39-2	91009.46	93275.17	88778.81	91021.15	2.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	14.89	37.09	14.88	22.29	57.52	ppb
Selenium	78-2	13.52	17.06	21.89	17.49	24.01	ppb
Selenium	82-1	19.63	20.64	19.03	19.77	4.11	ppb
Silicon	28-1	96.77	98.77	94.67	96.73	2.12	ppb
Silver	109-1	18.84	18.69	18.74	18.76	0.43	ppb
Silver	107-1	18.98	19.02	18.98	18.99	0.14	ppb
Sodium	23-2	93328.87	96739.29	91336.14	93801.43	2.91	ppb
Strontium	86-1	87.17	88.19	87.81	87.72	0.59	ppb
Strontium	88-1	91.93	91.17	89.31	90.81	1.48	ppb
Sulfur	34-1	85461.03	85662.11	82988.30	84703.81	1.76	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	20.23	20.59	19.79	20.20	1.99	ppb
Thallium	205-1	20.47	20.63	20.22	20.44	1.03	ppb
Tin	118-1	54.10	53.83	54.28	54.07	0.41	ppb
Titanium	47-1	2048.17	2067.82	2009.29	2041.76	1.46	ppb
Uranium	238-1	54.55	55.55	54.29	54.80	1.21	ppb
Vanadium	51-2	20.20	20.00	19.32	19.84	2.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	30.59	33.66	31.18	31.81	5.11	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	53.51	54.48	53.36	53.78	1.12	ppb
Zirconium	91-1	53.17	53.90	53.50	53.52	0.69	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51034.85	52063.50	52959.54	52019.30	1.85	ppb
Antimony	121-1	514.54	521.51	517.35	517.80	0.68	ppb
Arsenic	75-2	514.17	521.40	519.91	518.49	0.74	ppb
Barium	135-1	2606.93	2622.47	2601.21	2610.20	0.42	ppb
Barium	137-1	2594.26	2623.26	2565.42	2594.31	1.11	ppb
Beryllium	9-1	529.80	524.69	533.51	529.33	0.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	514.57	519.16	549.92	527.89	3.64	ppb
Boron	11-1	509.48	530.90	540.63	527.00	3.02	ppb
Cadmium	111-1	499.66	506.41	499.87	501.98	0.76	ppb
Cadmium	106-1	501.51	507.60	498.96	502.69	0.88	ppb
Cadmium	108-1	501.71	507.69	503.14	504.18	0.62	ppb
Calcium	43-1	230259.12	233716.20	229355.43	231110.25	1.00	ppb
Calcium	44-1	229818.40	233228.16	229749.35	230931.97	0.86	ppb
Chromium	52-2	524.44	532.48	538.63	531.85	1.34	ppb
Cobalt	59-2	496.05	509.26	511.79	505.70	1.67	ppb
Copper	63-2	956.20	978.31	982.86	972.46	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	122822.75	124156.80	124554.40	123844.65	0.73	ppb
Iron	57-2	119108.28	121625.82	122486.45	121073.51	1.45	ppb
Krypton	83-1						cps
Lead	206-1	525.37	533.98	523.74	527.69	1.04	ppb
Lead	207-1	523.31	526.65	516.95	522.30	0.94	ppb
Lead	208-1	523.34	529.72	520.07	524.37	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	235051.82	240064.60	241279.57	238798.66	1.38	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.79	1033.40	1044.83	1032.01	1.32	ppb
Molybdenum	94-1	2569.18	2584.62	2591.86	2581.89	0.45	ppb
Molybdenum	95-1	2560.40	2581.43	2578.83	2573.55	0.45	ppb
Molybdenum	96-1	2546.32	2591.03	2558.59	2565.31	0.90	ppb
Molybdenum	97-1	2551.07	2586.86	2587.16	2575.03	0.81	ppb
Molybdenum	98-1	2553.73	2604.76	2578.71	2579.07	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.05	512.04	513.09	509.72	0.97	ppb
Phosphorus	31-2	10205.99	10175.19	10564.62	10315.27	2.10	ppb
Potassium	39-2	120099.17	123472.54	125186.67	122919.46	2.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	524.64	444.54	589.84	519.68	14.00	ppb
Selenium	78-2	559.53	547.55	559.37	555.48	1.24	ppb
Selenium	82-1	495.41	511.30	502.84	503.18	1.58	ppb
Silicon	28-1	575.40	604.65	596.16	592.07	2.54	ppb
Silver	109-1	511.31	513.87	512.70	512.63	0.25	ppb
Silver	107-1	514.90	511.31	506.16	510.79	0.86	ppb
Sodium	23-2	241684.98	245850.04	248459.40	245331.47	1.39	ppb
Strontium	86-1	498.74	512.64	505.50	505.63	1.37	ppb
Strontium	88-1	505.45	519.98	517.19	514.21	1.50	ppb
Sulfur	34-1	9000.32	9364.72	8844.07	9069.70	2.95	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	525.23	537.00	524.56	528.93	1.32	ppb
Thallium	205-1	520.38	522.43	516.04	519.61	0.63	ppb
Tin	118-1	521.14	521.14	516.36	519.55	0.53	ppb
Titanium	47-1	2578.03	2617.76	2583.54	2593.11	0.83	ppb
Uranium	238-1	527.76	533.99	519.82	527.19	1.35	ppb
Vanadium	51-2	506.11	520.59	522.54	516.41	1.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	979.95	981.41	1001.56	987.64	1.22	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.23	523.13	512.83	516.73	1.08	ppb
Zirconium	91-1	509.12	513.15	509.24	510.50	0.45	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	-0.07	-0.63	0.07	1054.85	ppb
Antimony	121-1	0.56	0.53	0.54	0.54	3.39	ppb
Arsenic	75-2	-0.05	-0.03	0.00	-0.03		ppb
Barium	135-1	0.06	0.05	0.05	0.05	11.26	ppb
Barium	137-1	0.04	0.01	0.02	0.02	57.08	ppb
Beryllium	9-1	0.17	0.28	0.24	0.23	25.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	9.83	11.44	8.33	9.87	15.74	ppb
Boron	11-1	10.69	9.14	10.26	10.03	7.97	ppb
Cadmium	111-1	-0.03	0.07	-0.03	0.00	1388.93	ppb
Cadmium	106-1	-0.58	0.84	-0.63	-0.13		ppb
Cadmium	108-1	0.04	0.00	0.00	0.01	187.58	ppb
Calcium	43-1	-2.32	1.23	1.37	0.09	2316.92	ppb
Calcium	44-1	6.96	8.62	6.63	7.40	14.45	ppb
Chromium	52-2	-0.01	0.03	-0.10	-0.03		ppb
Cobalt	59-2	-0.01	0.03	0.03	0.02	124.93	ppb
Copper	63-2	-0.05	-0.03	-0.02	-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				102		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	3.36	3.90	3.57	3.61	7.58	ppb
Iron	57-2	3.83	7.60	4.88	5.43	35.77	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	12.96	ppb
Lead	207-1	0.07	0.08	0.05	0.07	19.44	ppb
Lead	208-1	0.07	0.08	0.07	0.07	4.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.24	2.45	0.12	1.94	83.69	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.56	-0.74	-0.54	-0.61		ppb
Molybdenum	94-1	0.47	0.55	0.52	0.51	7.74	ppb
Molybdenum	95-1	0.44	0.40	0.40	0.42	5.85	ppb
Molybdenum	96-1	0.49	0.47	0.45	0.47	4.36	ppb
Molybdenum	97-1	0.49	0.47	0.37	0.45	14.35	ppb
Molybdenum	98-1	0.45	0.48	0.44	0.46	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.02	0.01	257.52	ppb
Phosphorus	31-2	28.32	0.00	0.00	9.44	173.21	ppb
Potassium	39-2	62.55	36.55	40.25	46.45	30.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.82	1.50	-0.82	-0.04		ppb
Selenium	82-1	-0.09	-0.29	0.55	0.06	758.97	ppb
Silicon	28-1	-6.30	-5.34	-4.60	-5.41		ppb
Silver	109-1	0.03	0.03	0.02	0.03	16.10	ppb
Silver	107-1	0.03	0.03	0.02	0.03	17.95	ppb
Sodium	23-2	89.06	87.35	86.56	87.66	1.46	ppb
Strontium	86-1	-0.02	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	491.92	ppb
Sulfur	34-1	-1748.41	-1593.80	-1667.33	-1669.84		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.13	0.15	0.14	9.78	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	7.66	ppb
Tin	118-1	0.16	0.18	0.13	0.15	17.21	ppb
Titanium	47-1	0.12	0.07	0.01	0.07	83.49	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	41.25	ppb
Vanadium	51-2	0.02	-0.01	0.01	0.01	226.28	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	21.21	22.52	22.91	22.21	4.02	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.12	0.10	0.11	9.39	ppb
Zirconium	91-1	0.06	0.09	0.11	0.09	31.33	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.29	82.18	105.16	98.21	14.17	ppb
Antimony	121-1	0.23	0.21	0.21	0.21	5.10	ppb
Arsenic	75-2	24.09	23.76	26.46	24.77	5.94	ppb
Barium	135-1	0.04	0.05	0.03	0.04	22.43	ppb
Barium	137-1	0.02	0.04	0.05	0.04	40.27	ppb
Beryllium	9-1	0.23	0.20	0.23	0.22	7.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	7.25	6.83	8.31	7.47	10.25	ppb
Boron	11-1	7.47	6.64	7.00	7.04	5.89	ppb
Cadmium	111-1	4.50	4.33	4.44	4.42	1.90	ppb
Cadmium	106-1	2.85	3.00	2.82	2.89	3.36	ppb
Cadmium	108-1	3.54	4.15	4.38	4.02	10.81	ppb
Calcium	43-1	2294.54	2238.04	2282.00	2271.53	1.31	ppb
Calcium	44-1	2285.04	2271.64	2274.28	2276.98	0.31	ppb
Chromium	52-2	-0.02	0.14	-0.13	0.00		ppb
Cobalt	59-2	6.54	6.71	7.10	6.78	4.18	ppb
Copper	63-2	22.95	22.27	24.99	23.40	6.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	823.41	832.57	940.70	865.56	7.54	ppb
Iron	57-2	797.43	829.87	900.99	842.76	6.29	ppb
Krypton	83-1						cps
Lead	206-1	1.46	1.53	1.43	1.47	3.22	ppb
Lead	207-1	1.37	1.41	1.39	1.39	1.31	ppb
Lead	208-1	1.41	1.49	1.43	1.44	2.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	893.32	926.34	1008.52	942.73	6.29	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1104.72	1122.94	1264.56	1164.07	7.52	ppb
Molybdenum	94-1	0.29	0.30	0.32	0.30	4.69	ppb
Molybdenum	95-1	0.17	0.22	0.23	0.21	16.29	ppb
Molybdenum	96-1	0.25	0.21	0.19	0.21	14.18	ppb
Molybdenum	97-1	0.17	0.17	0.20	0.18	10.03	ppb
Molybdenum	98-1	0.27	0.24	0.22	0.24	8.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.05	2.33	2.16	6.88	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	127.59	124.23	149.11	133.64	10.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	21.36	14.16	0.00	11.84	91.79	ppb
Selenium	78-2	1.47	2.60	0.46	1.51	70.74	ppb
Selenium	82-1	0.53	-0.17	0.40	0.25	146.72	ppb
Silicon	28-1	79.27	79.72	78.24	79.08	0.96	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.32	ppb
Silver	107-1	0.02	0.02	0.01	0.01	42.93	ppb
Sodium	23-2	342.80	344.44	409.59	365.61	10.42	ppb
Strontium	86-1	8.97	8.97	8.88	8.94	0.58	ppb
Strontium	88-1	9.00	9.18	9.00	9.06	1.14	ppb
Sulfur	34-1	3939.40	3843.46	3813.81	3865.56	1.70	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.09	0.09	0.10	12.18	ppb
Thallium	205-1	0.09	0.08	0.10	0.09	15.99	ppb
Tin	118-1	0.03	0.09	0.07	0.06	41.61	ppb
Titanium	47-1	0.05	0.04	0.03	0.04	27.82	ppb
Uranium	238-1	0.51	0.53	0.48	0.51	4.14	ppb
Vanadium	51-2	0.00	0.03	-0.01	0.01	244.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	848.24	859.23	970.94	892.80	7.60	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.11	0.08	0.10	15.41	ppb
Zirconium	91-1	0.09	0.12	0.08	0.10	21.73	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.95	93.73	103.19	92.62	12.05	ppb
Antimony	121-1	0.14	0.14	0.12	0.13	10.83	ppb
Arsenic	75-2	24.41	25.39	25.25	25.02	2.14	ppb
Barium	135-1	0.03	0.07	0.06	0.05	44.63	ppb
Barium	137-1	0.03	0.03	0.00	0.02	70.87	ppb
Beryllium	9-1	0.20	0.20	0.24	0.22	9.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	5.04	6.86	6.08	5.99	15.23	ppb
Boron	11-1	5.51	6.63	5.52	5.89	10.93	ppb
Cadmium	111-1	4.44	4.60	4.45	4.50	1.97	ppb
Cadmium	106-1	3.44	5.83	4.32	4.53	26.61	ppb
Cadmium	108-1	4.85	4.18	5.10	4.71	10.10	ppb
Calcium	43-1	2176.28	2303.64	2257.77	2245.90	2.87	ppb
Calcium	44-1	2255.56	2230.74	2244.58	2243.63	0.55	ppb
Chromium	52-2	-0.08	-0.08	-0.05	-0.07		ppb
Cobalt	59-2	6.33	6.08	6.19	6.20	1.98	ppb
Copper	63-2	22.15	21.11	22.11	21.79	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	812.44	780.81	814.66	802.64	2.36	ppb
Iron	57-2	799.34	744.99	818.44	787.59	4.84	ppb
Krypton	83-1						cps
Lead	206-1	1.44	1.47	1.44	1.45	1.36	ppb
Lead	207-1	1.32	1.38	1.35	1.35	2.30	ppb
Lead	208-1	1.40	1.43	1.40	1.41	1.21	ppb
Lithium	6-1				102		%
Magnesium	24-2	898.53	835.24	857.86	863.88	3.71	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1100.23	1083.43	1093.70	1092.45	0.78	ppb
Molybdenum	94-1	0.25	0.22	0.19	0.22	14.38	ppb
Molybdenum	95-1	0.14	0.13	0.14	0.14	4.44	ppb
Molybdenum	96-1	0.13	0.12	0.17	0.14	18.48	ppb
Molybdenum	97-1	0.13	0.15	0.11	0.13	15.45	ppb
Molybdenum	98-1	0.14	0.13	0.14	0.14	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	1.97	1.95	1.97	0.80	ppb
Phosphorus	31-2	28.34	0.00	0.00	9.45	173.21	ppb
Potassium	39-2	117.98	90.01	117.34	108.44	14.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	7.27	21.56	0.00	9.61	114.12	ppb
Selenium	78-2	1.52	0.34	2.67	1.51	77.34	ppb
Selenium	82-1	-0.02	0.74	0.44	0.39	98.79	ppb
Silicon	28-1	79.45	76.62	78.88	78.32	1.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.44	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.34	ppb
Sodium	23-2	336.55	319.78	329.95	328.76	2.57	ppb
Strontium	86-1	8.36	8.63	8.99	8.66	3.67	ppb
Strontium	88-1	9.02	8.95	9.00	8.99	0.35	ppb
Sulfur	34-1	3722.05	3645.15	3923.08	3763.43	3.81	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.07	0.08	0.07	8.55	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	7.47	ppb
Tin	118-1	0.03	0.02	-0.01	0.01	222.60	ppb
Titanium	47-1	0.14	0.03	0.13	0.10	63.52	ppb
Uranium	238-1	0.49	0.49	0.49	0.49	0.49	ppb
Vanadium	51-2	-0.01	0.00	0.00	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	833.85	807.39	834.22	825.15	1.86	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	3.34	ppb
Zirconium	91-1	0.04	0.06	0.03	0.04	45.51	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	18.86	19.23	19.10	1.08	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	6.52	ppb
Arsenic	75-2	5.47	4.67	4.97	5.04	8.03	ppb
Barium	135-1	0.02	0.02	0.01	0.01	21.37	ppb
Barium	137-1	0.03	0.01	0.01	0.02	64.89	ppb
Beryllium	9-1	0.13	0.14	0.12	0.13	8.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	5.86	5.43	6.27	5.85	7.19	ppb
Boron	11-1	4.51	4.96	4.84	4.77	4.85	ppb
Cadmium	111-1	0.92	0.95	0.94	0.94	1.51	ppb
Cadmium	106-1	0.20	1.42	1.50	1.04	70.10	ppb
Cadmium	108-1	0.78	0.71	0.83	0.77	7.78	ppb
Calcium	43-1	430.64	437.37	441.77	436.60	1.28	ppb
Calcium	44-1	459.68	448.88	460.02	456.20	1.39	ppb
Chromium	52-2	0.10	-0.16	-0.12	-0.06		ppb
Cobalt	59-2	1.37	1.19	1.20	1.26	8.11	ppb
Copper	63-2	4.32	4.63	4.49	4.48	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	163.54	166.18	164.65	164.79	0.80	ppb
Iron	57-2	141.60	172.16	155.07	156.28	9.80	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.30	0.33	0.30	8.03	ppb
Lead	207-1	0.31	0.31	0.32	0.31	1.10	ppb
Lead	208-1	0.31	0.31	0.32	0.31	1.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	173.33	186.57	171.45	177.11	4.65	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.97	222.06	220.71	220.91	0.48	ppb
Molybdenum	94-1	0.16	0.17	0.16	0.16	4.63	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	3.32	ppb
Molybdenum	96-1	0.08	0.10	0.09	0.09	12.04	ppb
Molybdenum	97-1	0.08	0.05	0.09	0.08	28.12	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.52	0.43	0.52	18.29	ppb
Phosphorus	31-2	0.00	28.53	0.00	9.51	173.21	ppb
Potassium	39-2	51.17	30.47	52.15	44.60	27.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	7.25	0.00	0.00	2.42	173.21	ppb
Selenium	78-2	-0.82	0.35	0.35	-0.04		ppb
Selenium	82-1	0.10	0.18	0.23	0.17	39.20	ppb
Silicon	28-1	9.47	8.77	10.21	9.48	7.62	ppb
Silver	109-1	0.02	0.01	0.00	0.01	70.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	42.23	ppb
Sodium	23-2	123.72	129.76	121.63	125.04	3.38	ppb
Strontium	86-1	1.74	1.61	1.86	1.74	7.08	ppb
Strontium	88-1	1.87	1.83	1.89	1.86	1.74	ppb
Sulfur	34-1	-348.94	-373.14	1.26	-240.27		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.04	0.06	26.72	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	9.68	ppb
Tin	118-1	-0.01	0.04	0.04	0.02	136.83	ppb
Titanium	47-1	0.10	0.01	0.02	0.04	124.50	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.95	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	166.81	170.19	167.08	168.02	1.12	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	24.63	ppb
Zirconium	91-1	0.05	0.04	0.02	0.04	38.04	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.54	90.51	102.31	94.79	6.89	ppb
Antimony	121-1	0.61	0.60	0.64	0.62	2.96	ppb
Arsenic	75-2	23.01	22.53	28.17	24.57	12.71	ppb
Barium	135-1	10.93	10.35	10.87	10.72	2.99	ppb
Barium	137-1	10.41	10.61	10.67	10.57	1.27	ppb
Beryllium	9-1	0.40	0.40	0.43	0.41	3.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	4.66	5.09	4.86	4.87	4.45	ppb
Boron	11-1	4.41	4.69	4.80	4.63	4.35	ppb
Cadmium	111-1	4.68	5.00	5.06	4.91	4.15	ppb
Cadmium	106-1	3.48	7.13	5.04	5.22	35.09	ppb
Cadmium	108-1	4.21	4.88	4.80	4.63	7.85	ppb
Calcium	43-1	2240.05	2307.28	2367.07	2304.80	2.76	ppb
Calcium	44-1	2239.34	2270.45	2374.60	2294.80	3.09	ppb
Chromium	52-2	1.05	0.94	1.11	1.03	8.67	ppb
Cobalt	59-2	8.73	8.88	10.28	9.29	9.21	ppb
Copper	63-2	22.24	23.32	26.11	23.89	8.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	791.31	819.31	914.17	841.59	7.65	ppb
Iron	57-2	774.76	812.99	882.39	823.38	6.63	ppb
Krypton	83-1						cps
Lead	206-1	1.56	1.65	1.59	1.60	2.90	ppb
Lead	207-1	1.48	1.45	1.48	1.47	1.14	ppb
Lead	208-1	1.49	1.52	1.55	1.52	2.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	848.20	873.50	974.93	898.88	7.46	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1068.39	1114.40	1238.27	1140.35	7.70	ppb
Molybdenum	94-1	0.13	0.18	0.19	0.17	18.29	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	5.46	ppb
Molybdenum	96-1	0.07	0.07	0.10	0.08	24.42	ppb
Molybdenum	97-1	0.04	0.10	0.04	0.06	53.85	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	9.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.39	4.79	5.63	4.94	12.89	ppb
Phosphorus	31-2	0.00	28.07	31.12	19.73	86.95	ppb
Potassium	39-2	98.90	111.84	125.58	112.11	11.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	14.26	0.00	0.00	4.75	173.21	ppb
Selenium	78-2	-0.82	2.59	0.47	0.75	230.60	ppb
Selenium	82-1	0.69	1.50	1.12	1.10	36.48	ppb
Silicon	28-1	77.36	80.77	87.52	81.88	6.31	ppb
Silver	109-1	0.30	0.26	0.29	0.28	6.90	ppb
Silver	107-1	0.28	0.34	0.32	0.31	9.13	ppb
Sodium	23-2	317.63	331.46	381.34	343.48	9.76	ppb
Strontium	86-1	8.97	8.88	9.15	9.00	1.48	ppb
Strontium	88-1	8.87	8.93	9.11	8.97	1.41	ppb
Sulfur	34-1	4146.17	4584.05	5204.34	4644.85	11.45	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.32	0.32	0.33	3.81	ppb
Thallium	205-1	0.33	0.32	0.31	0.32	3.26	ppb
Tin	118-1	0.03	0.03	0.02	0.03	28.90	ppb
Titanium	47-1	0.00	-0.01	0.02	0.00	780.54	ppb
Uranium	238-1	0.48	0.51	0.53	0.51	4.44	ppb
Vanadium	51-2	2.53	2.49	2.90	2.64	8.62	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	810.21	839.74	941.00	863.65	7.94	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.05	0.05	10.60	ppb
Zirconium	91-1	0.04	0.08	0.04	0.05	46.13	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.89	66.31	78.20	74.13	9.14	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.16	ppb
Arsenic	75-2	18.70	17.49	17.11	17.76	4.66	ppb
Barium	135-1	0.05	0.02	0.03	0.03	37.15	ppb
Barium	137-1	0.04	0.01	0.03	0.03	45.51	ppb
Beryllium	9-1	0.19	0.21	0.12	0.17	26.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	5.48	5.15	3.73	4.79	19.48	ppb
Boron	11-1	4.18	4.38	4.33	4.30	2.45	ppb
Cadmium	111-1	4.22	4.60	4.42	4.41	4.34	ppb
Cadmium	106-1	3.45	4.49	4.25	4.06	13.43	ppb
Cadmium	108-1	3.64	5.32	3.89	4.28	21.15	ppb
Calcium	43-1	2182.16	2323.60	2283.45	2263.07	3.22	ppb
Calcium	44-1	2189.74	2291.79	2253.10	2244.88	2.30	ppb
Chromium	52-2	-0.06	-0.10	-0.10	-0.09		ppb
Cobalt	59-2	6.47	6.50	6.40	6.46	0.75	ppb
Copper	63-2	21.24	21.71	21.40	21.45	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	781.03	780.53	782.58	781.38	0.14	ppb
Iron	57-2	809.51	748.38	759.36	772.41	4.22	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	4.47	ppb
Lead	207-1	0.04	0.05	0.05	0.04	6.56	ppb
Lead	208-1	0.04	0.05	0.04	0.05	13.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	884.33	853.24	875.43	871.00	1.84	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1107.61	1101.06	1095.84	1101.50	0.54	ppb
Molybdenum	94-1	0.16	0.11	0.13	0.13	18.91	ppb
Molybdenum	95-1	0.20	0.07	0.04	0.10	83.61	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	18.24	ppb
Molybdenum	97-1	0.03	0.11	0.04	0.06	73.07	ppb
Molybdenum	98-1	0.09	0.06	0.06	0.07	28.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.86	2.00	1.87	6.82	ppb
Phosphorus	31-2	27.47	0.00	0.00	9.16	173.21	ppb
Potassium	39-2	93.09	90.66	89.99	91.25	1.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	7.01	0.00	0.00	2.34	173.21	ppb
Selenium	78-2	1.44	2.54	1.42	1.80	35.70	ppb
Selenium	82-1	1.02	-0.26	0.96	0.57	125.62	ppb
Silicon	28-1	73.19	81.27	77.63	77.37	5.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	2.55	ppb
Silver	107-1	0.00	0.00	0.01	0.00	379.39	ppb
Sodium	23-2	345.19	324.75	328.61	332.85	3.26	ppb
Strontium	86-1	8.51	8.80	8.46	8.59	2.17	ppb
Strontium	88-1	8.74	9.22	8.97	8.98	2.67	ppb
Sulfur	34-1	3706.59	4675.32	4240.31	4207.41	11.53	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.05	0.06	13.14	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	13.18	ppb
Tin	118-1	0.01	0.04	0.01	0.02	101.40	ppb
Titanium	47-1	0.03	0.06	0.01	0.04	63.64	ppb
Uranium	238-1	0.35	0.42	0.37	0.38	8.75	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	836.39	833.12	831.67	833.73	0.29	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	9.41	ppb
Zirconium	91-1	0.06	0.02	0.03	0.04	56.43	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.61	71.69	81.33	76.88	6.32	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	15.87	ppb
Arsenic	75-2	16.57	17.37	17.51	17.15	2.94	ppb
Barium	135-1	0.05	0.01	0.01	0.02	99.72	ppb
Barium	137-1	0.03	0.02	0.02	0.03	27.52	ppb
Beryllium	9-1	0.19	0.11	0.13	0.14	31.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	5.30	5.77	4.23	5.10	15.49	ppb
Boron	11-1	3.98	3.70	3.34	3.68	8.73	ppb
Cadmium	111-1	4.80	4.32	4.17	4.43	7.39	ppb
Cadmium	106-1	3.98	3.27	3.10	3.45	13.49	ppb
Cadmium	108-1	4.82	4.10	4.15	4.36	9.24	ppb
Calcium	43-1	2531.30	2237.48	2149.38	2306.05	8.67	ppb
Calcium	44-1	2489.03	2228.53	2197.02	2304.86	6.95	ppb
Chromium	52-2	-0.09	-0.11	-0.15	-0.12		ppb
Cobalt	59-2	6.28	6.40	6.32	6.33	0.93	ppb
Copper	63-2	21.27	21.50	21.42	21.40	0.54	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				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	771.04	786.97	774.45	777.49	1.08	ppb
Iron	57-2	747.06	761.97	757.73	755.59	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.04	0.05	17.75	ppb
Lead	207-1	0.04	0.05	0.04	0.04	8.89	ppb
Lead	208-1	0.05	0.04	0.04	0.04	11.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	830.65	875.02	907.14	870.93	4.41	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1087.05	1100.91	1085.04	1091.00	0.79	ppb
Molybdenum	94-1	0.13	0.07	0.06	0.08	47.93	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	28.99	ppb
Molybdenum	96-1	0.06	0.03	0.04	0.04	39.69	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	15.12	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.06	2.00	2.11	2.06	2.74	ppb
Phosphorus	31-2	0.00	27.62	54.57	27.39	99.60	ppb
Potassium	39-2	122.14	92.41	101.96	105.50	14.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	6.90	14.27	0.00	7.06	101.10	ppb
Selenium	78-2	2.52	4.91	5.91	4.45	39.26	ppb
Selenium	82-1	0.40	1.05	0.21	0.55	79.18	ppb
Silicon	28-1	98.16	75.06	74.24	82.49	16.47	ppb
Silver	109-1	0.02	0.01	0.01	0.01	22.19	ppb
Silver	107-1	0.01	0.00	0.01	0.01	83.11	ppb
Sodium	23-2	327.70	336.73	317.35	327.26	2.96	ppb
Strontium	86-1	9.73	8.46	8.55	8.92	7.93	ppb
Strontium	88-1	9.66	8.88	8.69	9.08	5.68	ppb
Sulfur	34-1	6583.38	4210.93	3899.36	4897.89	29.97	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.04	0.04	15.09	ppb
Thallium	205-1	0.06	0.03	0.04	0.05	28.53	ppb
Tin	118-1	0.04	-0.01	0.02	0.02	126.75	ppb
Titanium	47-1	0.01	-0.05	-0.03	-0.02		ppb
Uranium	238-1	0.44	0.39	0.39	0.41	8.18	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	68.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	831.04	834.99	827.96	831.33	0.42	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.02	0.04	0.04	57.47	ppb
Zirconium	91-1	0.05	0.03	0.01	0.03	58.63	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.56	12.88	13.21	13.22	2.56	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	6.46	ppb
Arsenic	75-2	3.45	3.15	3.36	3.32	4.69	ppb
Barium	135-1	0.00	0.00	0.02	0.01	141.45	ppb
Barium	137-1	0.02	0.00	0.00	0.01	115.27	ppb
Beryllium	9-1	0.12	0.13	0.11	0.12	8.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	3.23	3.65	2.89	3.26	11.64	ppb
Boron	11-1	2.73	3.03	3.09	2.95	6.50	ppb
Cadmium	111-1	0.83	0.90	0.85	0.86	4.51	ppb
Cadmium	106-1	-0.22	0.57	0.10	0.15	267.05	ppb
Cadmium	108-1	0.55	0.99	0.74	0.76	29.31	ppb
Calcium	43-1	455.86	474.60	446.05	458.84	3.16	ppb
Calcium	44-1	448.58	452.52	452.83	451.31	0.52	ppb
Chromium	52-2	-0.10	-0.16	-0.17	-0.14		ppb
Cobalt	59-2	1.38	1.31	1.22	1.30	6.09	ppb
Copper	63-2	4.17	4.35	3.91	4.14	5.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	156.72	159.81	150.67	155.74	2.99	ppb
Iron	57-2	147.31	170.08	157.12	158.17	7.22	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.04	0.05	23.45	ppb
Lead	207-1	0.04	0.03	0.04	0.04	14.59	ppb
Lead	208-1	0.04	0.04	0.04	0.04	10.24	ppb
Lithium	6-1				103		%
Magnesium	24-2	185.96	180.02	173.58	179.85	3.44	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	222.23	221.14	215.33	219.57	1.69	ppb
Molybdenum	94-1	0.10	0.07	0.12	0.10	27.77	ppb
Molybdenum	95-1	0.06	0.05	0.03	0.05	38.95	ppb
Molybdenum	96-1	0.04	0.02	0.02	0.02	37.60	ppb
Molybdenum	97-1	-0.01	0.03	0.01	0.01	256.85	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.03	35.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.17	0.19	0.25	48.99	ppb
Phosphorus	31-2	27.55	0.00	53.92	27.16	99.28	ppb
Potassium	39-2	14.31	28.85	46.27	29.81	53.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	14.16	4.72	173.21	ppb
Selenium	78-2	-0.82	1.52	-0.82	-0.04		ppb
Selenium	82-1	0.19	-0.56	0.25	-0.04		ppb
Silicon	28-1	8.15	9.87	9.39	9.14	9.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	41.98	ppb
Silver	107-1	0.00	0.01	0.01	0.01	48.37	ppb
Sodium	23-2	102.30	116.43	101.91	106.88	7.74	ppb
Strontium	86-1	1.68	1.59	1.80	1.69	6.27	ppb
Strontium	88-1	1.84	1.77	1.79	1.80	2.04	ppb
Sulfur	34-1	-418.44	-167.40	-96.46	-227.43		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.03	0.04	24.54	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.09	ppb
Tin	118-1	0.02	-0.02	-0.01	0.00		ppb
Titanium	47-1	0.02	0.06	0.04	0.04	48.45	ppb
Uranium	238-1	0.07	0.09	0.08	0.08	12.63	ppb
Vanadium	51-2	0.01	0.03	0.00	0.01	131.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	160.68	173.84	165.73	166.75	3.98	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	62.71	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	104.49	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.94	75.11	83.71	77.25	7.38	ppb
Antimony	121-1	0.57	0.55	0.50	0.54	7.13	ppb
Arsenic	75-2	18.80	17.44	16.98	17.74	5.33	ppb
Barium	135-1	10.03	10.31	9.98	10.11	1.76	ppb
Barium	137-1	10.10	10.06	10.01	10.06	0.45	ppb
Beryllium	9-1	0.46	0.44	0.39	0.43	8.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	3.03	3.47	2.92	3.14	9.25	ppb
Boron	11-1	3.23	2.67	3.01	2.97	9.46	ppb
Cadmium	111-1	4.43	4.50	4.41	4.45	1.04	ppb
Cadmium	106-1	3.46	4.01	2.89	3.45	16.26	ppb
Cadmium	108-1	4.70	4.74	4.41	4.62	3.98	ppb
Calcium	43-1	2195.05	2230.91	2193.41	2206.46	0.96	ppb
Calcium	44-1	2186.37	2235.03	2206.74	2209.38	1.11	ppb
Chromium	52-2	0.89	0.90	0.74	0.84	10.64	ppb
Cobalt	59-2	8.70	8.82	8.65	8.72	0.97	ppb
Copper	63-2	22.03	21.70	22.37	22.03	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				103		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	764.62	769.05	770.99	768.22	0.43	ppb
Iron	57-2	748.45	760.89	751.68	753.67	0.86	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.12	0.13	7.69	ppb
Lead	207-1	0.14	0.13	0.11	0.13	12.72	ppb
Lead	208-1	0.14	0.14	0.11	0.13	10.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	830.59	883.09	878.20	863.96	3.36	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1068.31	1080.97	1073.85	1074.38	0.59	ppb
Molybdenum	94-1	0.07	0.10	0.07	0.08	23.06	ppb
Molybdenum	95-1	0.05	0.03	0.05	0.04	23.71	ppb
Molybdenum	96-1	0.03	0.02	0.00	0.02	109.01	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	3154.91	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	32.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.69	4.40	4.97	4.69	5.99	ppb
Phosphorus	31-2	27.14	0.00	54.81	27.32	100.32	ppb
Potassium	39-2	103.46	87.25	102.45	97.72	9.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	7.00	34.61	6.95	16.18	98.57	ppb
Selenium	78-2	7.06	4.74	4.77	5.52	24.03	ppb
Selenium	82-1	1.14	0.56	1.02	0.91	33.51	ppb
Silicon	28-1	74.28	77.10	75.60	75.66	1.87	ppb
Silver	109-1	0.24	0.25	0.27	0.26	6.41	ppb
Silver	107-1	0.29	0.24	0.26	0.26	8.65	ppb
Sodium	23-2	308.33	315.97	303.46	309.25	2.04	ppb
Strontium	86-1	8.54	8.61	8.65	8.60	0.64	ppb
Strontium	88-1	8.78	8.83	8.65	8.75	1.09	ppb
Sulfur	34-1	3850.37	4496.13	4308.95	4218.48	7.88	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.30	0.29	0.30	1.74	ppb
Thallium	205-1	0.29	0.29	0.28	0.28	0.99	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.09	0.01	0.00	0.03	169.32	ppb
Uranium	238-1	0.39	0.37	0.36	0.38	4.45	ppb
Vanadium	51-2	2.46	2.47	2.29	2.41	4.27	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	815.31	810.13	820.42	815.29	0.63	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.02	24.04	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	59.98	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50129.49	50936.97	49871.79	50312.75	1.10	ppb
Antimony	121-1	507.91	507.71	513.22	509.62	0.61	ppb
Arsenic	75-2	502.03	498.45	503.74	501.41	0.54	ppb
Barium	135-1	2561.62	2549.04	2585.99	2565.55	0.73	ppb
Barium	137-1	2557.59	2537.51	2591.64	2562.24	1.07	ppb
Beryllium	9-1	529.65	526.97	539.26	531.96	1.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	514.10	520.87	548.84	527.94	3.49	ppb
Boron	11-1	507.32	520.24	537.53	521.70	2.91	ppb
Cadmium	111-1	495.39	491.12	502.59	496.37	1.17	ppb
Cadmium	106-1	486.84	486.95	496.72	490.17	1.16	ppb
Cadmium	108-1	503.25	489.83	502.24	498.44	1.50	ppb
Calcium	43-1	231325.18	228404.87	234685.16	231471.73	1.36	ppb
Calcium	44-1	228481.35	227693.78	234181.48	230118.87	1.54	ppb
Chromium	52-2	508.27	512.50	502.22	507.66	1.02	ppb
Cobalt	59-2	483.56	487.03	482.11	484.23	0.52	ppb
Copper	63-2	929.14	930.33	914.66	924.71	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	119165.70	120233.49	118004.96	119134.72	0.94	ppb
Iron	57-2	116214.16	117043.91	115300.91	116186.33	0.75	ppb
Krypton	83-1						cps
Lead	206-1	517.97	516.10	526.01	520.03	1.01	ppb
Lead	207-1	514.85	515.20	528.46	519.50	1.49	ppb
Lead	208-1	515.55	517.53	524.28	519.12	0.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	229819.30	231452.53	228801.31	230024.38	0.58	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.16	1003.59	975.32	986.02	1.55	ppb
Molybdenum	94-1	2542.74	2563.84	2587.00	2564.53	0.86	ppb
Molybdenum	95-1	2543.56	2568.20	2562.31	2558.03	0.50	ppb
Molybdenum	96-1	2528.70	2554.08	2576.52	2553.10	0.94	ppb
Molybdenum	97-1	2561.71	2568.14	2572.41	2567.42	0.21	ppb
Molybdenum	98-1	2539.07	2538.01	2582.72	2553.27	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.49	487.76	485.32	487.52	0.43	ppb
Phosphorus	31-2	9555.08	10835.03	9945.31	10111.80	6.49	ppb
Potassium	39-2	118496.00	120078.52	118142.37	118905.63	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	590.26	487.80	490.74	522.93	11.15	ppb
Selenium	78-2	507.73	502.64	481.65	497.34	2.78	ppb
Selenium	82-1	507.43	503.14	512.64	507.73	0.94	ppb
Silicon	28-1	579.76	588.35	608.02	592.04	2.45	ppb
Silver	109-1	511.90	502.60	513.52	509.34	1.16	ppb
Silver	107-1	510.74	504.77	513.54	509.68	0.88	ppb
Sodium	23-2	237264.92	240536.01	236611.85	238137.59	0.88	ppb
Strontium	86-1	502.37	500.38	506.57	503.10	0.63	ppb
Strontium	88-1	515.00	514.92	517.52	515.81	0.29	ppb
Sulfur	34-1	10072.60	9485.80	10628.45	10062.29	5.68	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	519.72	517.72	523.59	520.34	0.57	ppb
Thallium	205-1	512.66	508.14	516.18	512.33	0.79	ppb
Tin	118-1	507.18	509.35	517.10	511.21	1.02	ppb
Titanium	47-1	2590.46	2563.03	2647.83	2600.44	1.66	ppb
Uranium	238-1	513.34	513.90	521.91	516.39	0.93	ppb
Vanadium	51-2	496.13	495.55	494.13	495.27	0.21	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	941.48	959.48	936.54	945.83	1.28	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.07	512.03	515.06	513.05	0.34	ppb
Zirconium	91-1	501.26	505.25	510.57	505.69	0.92	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	1.52	0.42	1.31	61.87	ppb
Antimony	121-1	0.47	0.47	0.53	0.49	7.34	ppb
Arsenic	75-2	-0.05	0.02	-0.05	-0.03		ppb
Barium	135-1	0.04	0.03	0.04	0.03	19.00	ppb
Barium	137-1	0.03	0.02	0.02	0.03	20.20	ppb
Beryllium	9-1	0.19	0.13	0.22	0.18	24.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	11.89	10.59	9.03	10.50	13.63	ppb
Boron	11-1	10.32	9.83	9.02	9.72	6.73	ppb
Cadmium	111-1	-0.02	-0.02	-0.11	-0.05		ppb
Cadmium	106-1	-0.42	-0.37	-1.58	-0.79		ppb
Cadmium	108-1	0.00	0.11	0.04	0.05	117.65	ppb
Calcium	43-1	-2.57	1.66	-4.39	-1.77		ppb
Calcium	44-1	5.45	6.24	3.91	5.20	22.82	ppb
Chromium	52-2	-0.10	-0.08	-0.10	-0.09		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	48.73	ppb
Copper	63-2	-0.06	-0.09	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.25	1.59	1.95	1.93	17.08	ppb
Iron	57-2	2.84	4.45	2.83	3.37	27.75	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	28.26	ppb
Lead	207-1	0.04	0.04	0.05	0.04	18.86	ppb
Lead	208-1	0.04	0.05	0.05	0.05	2.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.97	4.21	5.06	4.08	25.70	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.49	-0.52	-0.59	-0.54		ppb
Molybdenum	94-1	0.56	0.53	0.51	0.53	5.00	ppb
Molybdenum	95-1	0.40	0.40	0.34	0.38	8.92	ppb
Molybdenum	96-1	0.38	0.39	0.36	0.38	4.25	ppb
Molybdenum	97-1	0.43	0.29	0.35	0.36	19.75	ppb
Molybdenum	98-1	0.42	0.43	0.36	0.41	9.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.08	0.09	-0.01		ppb
Phosphorus	31-2	0.00	28.84	28.43	19.09	86.61	ppb
Potassium	39-2	56.22	19.01	54.34	43.19	48.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	7.29	0.00	0.00	2.43	173.21	ppb
Selenium	78-2	1.52	1.53	-0.82	0.75	181.67	ppb
Selenium	82-1	-0.57	-0.19	-0.31	-0.36		ppb
Silicon	28-1	-8.09	-8.15	-6.10	-7.45		ppb
Silver	109-1	0.01	0.00	0.01	0.01	65.36	ppb
Silver	107-1	0.02	0.01	0.02	0.02	41.21	ppb
Sodium	23-2	80.97	80.24	71.32	77.51	6.93	ppb
Strontium	86-1	-0.01	-0.04	0.04	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	195.58	ppb
Sulfur	34-1	-1494.06	-1469.41	-1253.19	-1405.56		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.11	0.11	0.11	13.80	ppb
Thallium	205-1	0.10	0.11	0.10	0.11	6.86	ppb
Tin	118-1	0.21	0.15	0.16	0.17	17.40	ppb
Titanium	47-1	0.08	0.00	-0.01	0.02	245.86	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.84	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	58.90	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	23.10	22.53	22.01	22.55	2.41	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.12	0.12	5.11	ppb
Zirconium	91-1	0.15	0.14	0.13	0.14	7.45	ppb

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	13	13	10	43.30	cps
Antimony	121-1	108	58	167	111	48.79	cps
Arsenic	75-2	2	6	9	6	66.68	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	17	83	58	53	63.81	cps
Beryllium	9-1	61	61	28	50	38.49	cps
Bismuth	209-1	5635199	5608271	5810629	5684699	1.93	cps
Bismuth	209-2	1333410	1310103	1375063	1339525	2.46	cps
Boron	10-1	117	42	58	72	54.52	cps
Boron	11-1	492	425	517	478	9.92	cps
Cadmium	111-1	908	903	982	931	4.73	cps
Cadmium	106-1	1292	1275	1383	1317	4.43	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	508	458	417	461	9.95	cps
Calcium	44-1	13615	13507	15167	14097	6.59	cps
Chromium	52-2	377	457	387	407	10.72	cps
Cobalt	59-2	30	47	40	39	21.57	cps
Copper	63-2	463	580	490	511	11.96	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	42	42	31	62.99	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	8486359	8408903	8577359	8490874	0.99	cps
Holmium	165-2	1629109	1599643	1642643	1623799	1.35	cps
Indium	115-1	6407528	6319505	6538125	6421719	1.71	cps
Indium	115-2	240569	237262	243563	240465	1.31	cps
Iron	56-2	1195	1128	1078	1133	5.16	cps
Iron	57-2	22	17	17	19	17.30	cps
Krypton	83-1	323	330	377	343	8.46	cps
Lead	206-1	128	128	172	143	18.00	cps
Lead	207-1	161	133	150	148	9.44	cps
Lead	208-1	633	572	706	637	10.48	cps
Lithium	6-1	1200882	1174797	1206304	1193994	1.41	cps
Magnesium	24-2	250	225	233	236	5.39	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	170	210	204	15.67	cps
Molybdenum	94-1	150	208	233	197	21.68	cps
Molybdenum	95-1	58	83	58	67	21.65	cps
Molybdenum	96-1	183	183	175	181	2.66	cps
Molybdenum	97-1	58	100	125	94	35.66	cps
Molybdenum	98-1	133	117	92	114	18.41	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	233	217	231	5.83	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1842	1892	1817	1850	2.06	cps
Rhodium	103-1	6035716	6044387	6157191	6079098	1.11	cps
Rhodium	103-2	1515567	1468946	1553293	1512602	2.79	cps
Scandium	45-1	3770661	3731036	3839040	3780246	1.45	cps
Scandium	45-2	25537	24325	25657	25173	2.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	17	5	-77	-18	-279.78	cps
Silicon	28-1	308893	313418	310109	310807	0.75	cps
Silver	109-1	58	42	17	39	53.93	cps
Silver	107-1	92	92	67	83	17.32	cps
Sodium	23-2	4192	4468	3942	4201	6.25	cps
Strontium	86-1	633	483	567	561	13.39	cps
Strontium	88-1	217	225	133	192	26.45	cps
Sulfur	34-1	362475	362939	364564	363326	0.30	cps
Terbium	159-1	8544208	8539314	8755188	8612903	1.43	cps
Terbium	159-2	1554319	1496941	1548300	1533186	2.06	cps
Thallium	203-1	75	17	50	47	61.97	cps
Thallium	205-1	200	175	242	206	16.38	cps
Tin	118-1	908	1150	1042	1033	11.71	cps
Titanium	47-1	125	58	142	108	40.70	cps
Uranium	238-1	25	17	42	28	45.82	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	6579375	6549428	6674520	6601108	0.99	cps
Yttrium	89-2	179458	175117	179921	178166	1.49	cps
Zinc	66-2	120	80	47	82	44.65	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:31:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	600	600	583	4.95	cps
Zirconium	91-1	158	125	133	139	12.49	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:39:07	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	98	108	91	22.92	cps
Antimony	121-1	13574	13674	12782	13343	3.67	cps
Arsenic	75-2	70	81	46	66	27.23	cps
Barium	135-1	15059	14650	13558	14422	5.38	cps
Barium	137-1	25818	25534	24031	25128	3.82	cps
Beryllium	9-1	1067	1139	961	1056	8.47	cps
Bismuth	209-1	5715185	5679636	5364592	5586471	3.45	cps
Bismuth	209-2	1251648	1259033	1279415	1263365	1.14	cps
Boron	10-1	2792	2884	2575	2750	5.76	cps
Boron	11-1	13332	12881	13666	13293	2.96	cps
Cadmium	111-1	2295	2439	2218	2317	4.85	cps
Cadmium	106-1	1258	1517	1417	1397	9.32	cps
Cadmium	108-1	75	92	100	89	14.32	cps
Calcium	43-1	8119	7352	7527	7666	5.24	cps
Calcium	44-1	135397	134684	127079	132387	3.48	cps
Chromium	52-2	1613	1450	1367	1477	8.50	cps
Cobalt	59-2	1207	1093	1227	1176	6.12	cps
Copper	63-2	2620	2540	2477	2546	2.82	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	83	75	33	64	41.93	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	8565561	8310361	7825154	8233692	4.57	cps
Holmium	165-2	1489813	1505379	1527741	1507644	1.26	cps
Indium	115-1	6515426	6397709	5998548	6303894	4.30	cps
Indium	115-2	220859	223984	226015	223619	1.16	cps
Iron	56-2	18090	19314	19125	18843	3.50	cps
Iron	57-2	439	617	500	519	17.42	cps
Krypton	83-1	390	357	343	363	6.61	cps
Lead	206-1	4623	4946	4595	4721	4.12	cps
Lead	207-1	4695	4334	4073	4368	7.16	cps
Lead	208-1	20174	20246	18995	19805	3.55	cps
Lithium	6-1	1208004	1205513	1117792	1177103	4.36	cps
Magnesium	24-2	9437	9787	9987	9737	2.86	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:39:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	387	330	310	342	11.62	cps
Molybdenum	94-1	12081	11856	10821	11586	5.80	cps
Molybdenum	95-1	14600	14859	13349	14269	5.66	cps
Molybdenum	96-1	16385	16027	14250	15554	7.35	cps
Molybdenum	97-1	9679	8762	8328	8923	7.73	cps
Molybdenum	98-1	24156	22370	21802	22776	5.39	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	583	593	700	626	10.34	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6343	6627	7377	6782	7.88	cps
Rhodium	103-1	6102760	6041673	5654556	5932996	4.10	cps
Rhodium	103-2	1385379	1409302	1417812	1404165	1.20	cps
Scandium	45-1	3782433	3739586	3533442	3685154	3.61	cps
Scandium	45-2	23383	23850	24365	23866	2.06	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	411	471	464	449	7.25	cps
Silicon	28-1	358661	352452	347529	352881	1.58	cps
Silver	109-1	7261	7010	6877	7049	2.76	cps
Silver	107-1	7361	7077	6752	7063	4.31	cps
Sodium	23-2	25724	25632	25524	25627	0.39	cps
Strontium	86-1	2359	2342	2350	2350	0.35	cps
Strontium	88-1	16069	15902	15000	15657	3.67	cps
Sulfur	34-1	368451	365941	363760	366051	0.64	cps
Terbium	159-1	8670495	8567967	8027951	8422138	4.10	cps
Terbium	159-2	1410888	1429983	1443009	1427960	1.13	cps
Thallium	203-1	6452	6118	5768	6113	5.59	cps
Thallium	205-1	14567	14642	13716	14309	3.59	cps
Tin	118-1	24782	24156	23121	24020	3.49	cps
Titanium	47-1	4309	3734	3401	3815	12.05	cps
Uranium	238-1	19675	19391	18239	19102	3.98	cps
Vanadium	51-2	1830	1790	1820	1813	1.15	cps
Yttrium	89-1	6656801	6599874	6201555	6486077	3.82	cps
Yttrium	89-2	164751	166120	168938	166603	1.28	cps
Zinc	66-2	317	227	237	260	18.97	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:39:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9896	10021	9621	9846	2.08	cps
Zirconium	91-1	2200	1992	2050	2081	5.17	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4419	4462	4449	4444	0.49	cps
Antimony	121-1	389726	392141	390910	390926	0.31	cps
Arsenic	75-2	3691	3758	3891	3780	2.69	cps
Barium	135-1	414712	411576	415176	413821	0.47	cps
Barium	137-1	727397	720561	724454	724137	0.47	cps
Beryllium	9-1	55569	54983	53622	54725	1.82	cps
Bismuth	209-1	5891418	5985362	6003689	5960157	1.01	cps
Bismuth	209-2	1423999	1417350	1377014	1406121	1.81	cps
Boron	10-1	6118	6343	5993	6152	2.89	cps
Boron	11-1	27494	30024	29798	29105	4.81	cps
Cadmium	111-1	84429	83961	84525	84305	0.36	cps
Cadmium	106-1	10446	9654	10079	10060	3.94	cps
Cadmium	108-1	6135	6102	6343	6193	2.12	cps
Calcium	43-1	83179	84128	83975	83761	0.61	cps
Calcium	44-1	1403169	1418187	1409538	1410298	0.53	cps
Chromium	52-2	31639	31018	31305	31321	0.99	cps
Cobalt	59-2	69110	68665	69368	69048	0.52	cps
Copper	63-2	120587	120860	122332	121259	0.77	cps
Dysprosium	156-1	17	50	17	28	69.27	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	8868336	8840638	8937516	8882164	0.56	cps
Holmium	165-2	1715899	1711525	1676640	1701355	1.26	cps
Indium	115-1	6679013	6750641	6668102	6699252	0.67	cps
Indium	115-2	250404	250945	245119	248823	1.29	cps
Iron	56-2	1042355	1042629	1055586	1046857	0.72	cps
Iron	57-2	26359	26131	26615	26368	0.92	cps
Krypton	83-1	353	310	333	332	6.53	cps
Lead	206-1	268428	267852	269128	268469	0.24	cps
Lead	207-1	243246	243516	245628	244130	0.53	cps
Lead	208-1	1095842	1098475	1095292	1096536	0.16	cps
Lithium	6-1	1257314	1246448	1264788	1256184	0.73	cps
Magnesium	24-2	117944	114348	115593	115962	1.57	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17207	17281	17782	17423	1.79	cps
Molybdenum	94-1	651517	650643	653427	651862	0.22	cps
Molybdenum	95-1	790951	793891	803744	796195	0.84	cps
Molybdenum	96-1	887661	885615	892125	888467	0.37	cps
Molybdenum	97-1	497818	498252	505016	500362	0.81	cps
Molybdenum	98-1	1274264	1278310	1280745	1277773	0.26	cps
Neodymium	150-1	27	33	47	36	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20445	20515	21190	20717	1.98	cps
Phosphorus	31-2	217	367	342	308	26.06	cps
Potassium	39-2	30058	29933	30267	30086	0.56	cps
Rhodium	103-1	6285001	6316470	6319724	6307065	0.30	cps
Rhodium	103-2	1595952	1570114	1540706	1568924	1.76	cps
Scandium	45-1	3865520	3878727	3962785	3902344	1.35	cps
Scandium	45-2	25697	25941	25771	25803	0.48	cps
Selenium	77-2	13	47	40	33	52.92	cps
Selenium	78-2	72	61	80	71	13.13	cps
Selenium	82-1	5163	5291	5173	5209	1.37	cps
Silicon	28-1	492534	492926	493604	493021	0.11	cps
Silver	109-1	392780	391865	396768	393804	0.66	cps
Silver	107-1	413476	411892	413717	413028	0.24	cps
Sodium	23-2	265026	262860	264744	264210	0.45	cps
Strontium	86-1	101308	102508	101198	101671	0.71	cps
Strontium	88-1	868760	869717	866569	868349	0.19	cps
Sulfur	34-1	399279	396539	399020	398279	0.38	cps
Terbium	159-1	8998120	9072078	9105728	9058642	0.61	cps
Terbium	159-2	1588466	1616333	1586551	1597117	1.04	cps
Thallium	203-1	327064	329958	331378	329467	0.67	cps
Thallium	205-1	795627	792911	793415	793985	0.18	cps
Tin	118-1	269770	268130	269277	269059	0.31	cps
Titanium	47-1	209281	208607	211016	209635	0.59	cps
Uranium	238-1	1074502	1083368	1067248	1075039	0.75	cps
Vanadium	51-2	23086	22926	23236	23083	0.67	cps
Yttrium	89-1	6942557	6928451	6928811	6933273	0.12	cps
Yttrium	89-2	185606	186005	181078	184230	1.49	cps
Zinc	66-2	11118	11045	11041	11068	0.39	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:42:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542896	542385	545898	543726	0.35	cps
Zirconium	91-1	120505	119740	121715	120654	0.83	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11117	11247	11235	11200	0.64	cps
Antimony	121-1	979662	995405	972484	982517	1.19	cps
Arsenic	75-2	8957	9320	9198	9158	2.02	cps
Barium	135-1	1029062	1026420	1025918	1027133	0.16	cps
Barium	137-1	1856352	1824119	1830092	1836855	0.93	cps
Beryllium	9-1	133794	134231	133166	133730	0.40	cps
Bismuth	209-1	5889866	5967738	6227389	6028331	2.93	cps
Bismuth	209-2	1387310	1392283	1383726	1387773	0.31	cps
Boron	10-1	15150	15718	15709	15526	2.09	cps
Boron	11-1	70390	73170	71520	71693	1.95	cps
Cadmium	111-1	209689	207598	210951	209413	0.81	cps
Cadmium	106-1	23471	22954	23421	23282	1.23	cps
Cadmium	108-1	14934	15009	14783	14909	0.77	cps
Calcium	43-1	206081	205872	204916	205623	0.30	cps
Calcium	44-1	3460495	3411566	3355689	3409250	1.54	cps
Chromium	52-2	77597	77017	76953	77189	0.46	cps
Cobalt	59-2	169449	169412	167389	168750	0.70	cps
Copper	63-2	293946	293896	291736	293193	0.43	cps
Dysprosium	156-1	17	8	58	28	96.44	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8796589	8865279	9225529	8962466	2.57	cps
Holmium	165-2	1689779	1688524	1676494	1684933	0.44	cps
Indium	115-1	6658753	6797097	6868825	6774892	1.58	cps
Indium	115-2	244189	245579	245026	244931	0.29	cps
Iron	56-2	2593524	2589289	2587498	2590104	0.12	cps
Iron	57-2	64075	63282	64656	64004	1.08	cps
Krypton	83-1	367	437	313	372	16.62	cps
Lead	206-1	665631	664912	671540	667361	0.54	cps
Lead	207-1	606889	604074	607439	606134	0.30	cps
Lead	208-1	2729769	2721154	2730169	2727031	0.19	cps
Lithium	6-1	1245263	1250618	1281363	1259081	1.55	cps
Magnesium	24-2	283462	282851	281009	282440	0.45	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42538	41953	41996	42163	0.77	cps
Molybdenum	94-1	1642860	1650352	1602959	1632057	1.56	cps
Molybdenum	95-1	1997261	2009671	1977129	1994687	0.82	cps
Molybdenum	96-1	2213201	2231597	2199752	2214850	0.72	cps
Molybdenum	97-1	1232424	1240706	1231587	1234906	0.41	cps
Molybdenum	98-1	3221466	3196103	3160150	3192573	0.97	cps
Neodymium	150-1	80	20	27	42	77.88	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	50170	50127	49615	49970	0.62	cps
Phosphorus	31-2	725	742	817	761	6.42	cps
Potassium	39-2	70938	71155	70041	70711	0.84	cps
Rhodium	103-1	6232901	6283565	6382279	6299582	1.21	cps
Rhodium	103-2	1558233	1532998	1505687	1532306	1.72	cps
Scandium	45-1	3837225	3875440	4033253	3915306	2.65	cps
Scandium	45-2	25927	26084	25613	25875	0.93	cps
Selenium	77-2	73	57	77	69	15.55	cps
Selenium	78-2	217	187	230	211	10.34	cps
Selenium	82-1	12787	12635	12837	12753	0.83	cps
Silicon	28-1	759735	761963	756184	759294	0.38	cps
Silver	109-1	972339	971984	984465	976262	0.73	cps
Silver	107-1	1031374	1015911	1022964	1023416	0.76	cps
Sodium	23-2	641328	636458	637597	638461	0.40	cps
Strontium	86-1	248406	247151	249517	248358	0.48	cps
Strontium	88-1	2190705	2185060	2171987	2182584	0.44	cps
Sulfur	34-1	426722	429182	427211	427705	0.30	cps
Terbium	159-1	9035593	9103043	9424739	9187792	2.26	cps
Terbium	159-2	1589116	1590069	1579077	1586087	0.38	cps
Thallium	203-1	816544	812828	825030	818134	0.76	cps
Thallium	205-1	1995398	1975963	2000410	1990590	0.65	cps
Tin	118-1	667938	664542	658705	663729	0.70	cps
Titanium	47-1	519852	514486	512154	515497	0.77	cps
Uranium	238-1	2749598	2715708	2727565	2730957	0.63	cps
Vanadium	51-2	56905	56065	56564	56511	0.75	cps
Yttrium	89-1	6775339	6910576	7059219	6915045	2.05	cps
Yttrium	89-2	182076	182266	180649	181663	0.49	cps
Zinc	66-2	25574	26138	25827	25846	1.09	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:46:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1353581	1383961	1344487	1360677	1.52	cps
Zirconium	91-1	298671	304991	294259	299307	1.80	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20553	21058	21314	20975	1.85	cps
Antimony	121-1	1942083	1955861	1953133	1950359	0.37	cps
Arsenic	75-2	17865	17863	17337	17689	1.72	cps
Barium	135-1	2028276	2039497	2029002	2032258	0.31	cps
Barium	137-1	3593448	3565542	3612923	3590637	0.66	cps
Beryllium	9-1	262677	260490	260886	261351	0.45	cps
Bismuth	209-1	5932719	5910458	5888485	5910554	0.37	cps
Bismuth	209-2	1281861	1358628	1372303	1337597	3.64	cps
Boron	10-1	30391	31243	31661	31099	2.08	cps
Boron	11-1	139649	138765	144715	141043	2.28	cps
Cadmium	111-1	407831	411132	413520	410827	0.70	cps
Cadmium	106-1	44566	44257	44575	44466	0.41	cps
Cadmium	108-1	28956	29019	29245	29073	0.52	cps
Calcium	43-1	400177	400806	401913	400965	0.22	cps
Calcium	44-1	6559088	6564822	6600718	6574876	0.34	cps
Chromium	52-2	145483	147911	146760	146718	0.83	cps
Cobalt	59-2	325165	322320	325054	324180	0.50	cps
Copper	63-2	562170	561058	561958	561729	0.11	cps
Dysprosium	156-1	58	33	67	53	32.88	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	42	17	132.30	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	42	92	67	67	37.50	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	8852486	8900386	8816411	8856428	0.48	cps
Holmium	165-2	1552020	1645004	1650844	1615956	3.43	cps
Indium	115-1	6590726	6548739	6518620	6552695	0.55	cps
Indium	115-2	223358	235831	237013	232067	3.26	cps
Iron	56-2	4977047	4913405	4856694	4915715	1.22	cps
Iron	57-2	125005	123548	123161	123905	0.78	cps
Krypton	83-1	387	397	313	366	12.45	cps
Lead	206-1	1324906	1317648	1333645	1325400	0.60	cps
Lead	207-1	1201349	1202862	1218935	1207715	0.81	cps
Lead	208-1	5489992	5470884	5523269	5494715	0.48	cps
Lithium	6-1	1232846	1235191	1228150	1232062	0.29	cps
Magnesium	24-2	538912	540362	536967	538747	0.32	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81342	80537	80135	80671	0.76	cps
Molybdenum	94-1	3198279	3215902	3217897	3210693	0.34	cps
Molybdenum	95-1	3924698	3903643	3968484	3932275	0.84	cps
Molybdenum	96-1	4329996	4373083	4356348	4353142	0.50	cps
Molybdenum	97-1	2489530	2503888	2513961	2502460	0.49	cps
Molybdenum	98-1	6255495	6235016	6305716	6265409	0.58	cps
Neodymium	150-1	60	73	87	73	18.18	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	94776	95179	95179	95045	0.24	cps
Phosphorus	31-2	1475	1325	1392	1397	5.38	cps
Potassium	39-2	133200	133528	133006	133244	0.20	cps
Rhodium	103-1	6116222	6146120	6071085	6111142	0.62	cps
Rhodium	103-2	1400459	1476493	1489946	1455633	3.31	cps
Scandium	45-1	3785294	3793604	3740787	3773228	0.75	cps
Scandium	45-2	23613	24792	24659	24355	2.65	cps
Selenium	77-2	90	110	140	113	22.21	cps
Selenium	78-2	391	456	367	404	11.37	cps
Selenium	82-1	25362	25294	25506	25387	0.43	cps
Silicon	28-1	1081624	1060788	1075777	1072730	1.00	cps
Silver	109-1	1965679	1946157	1955327	1955721	0.50	cps
Silver	107-1	2012208	2024592	2043037	2026612	0.77	cps
Sodium	23-2	1239420	1252437	1232997	1241618	0.80	cps
Strontium	86-1	486794	488096	492959	489283	0.66	cps
Strontium	88-1	4234633	4227901	4228260	4230265	0.09	cps
Sulfur	34-1	481229	474189	469833	475084	1.21	cps
Terbium	159-1	9030900	9047944	8987852	9022232	0.34	cps
Terbium	159-2	1460354	1551967	1560262	1524194	3.64	cps
Thallium	203-1	1637708	1646842	1670349	1651633	1.02	cps
Thallium	205-1	3971221	3961528	3927537	3953429	0.58	cps
Tin	118-1	1311542	1308547	1314922	1311670	0.24	cps
Titanium	47-1	1010955	1004364	1010383	1008567	0.36	cps
Uranium	238-1	5426240	5397615	5430366	5418074	0.33	cps
Vanadium	51-2	109219	107341	108120	108226	0.87	cps
Yttrium	89-1	6763827	6824136	6698972	6762312	0.93	cps
Yttrium	89-2	166470	175124	177054	172882	3.26	cps
Zinc	66-2	49351	49585	48899	49278	0.71	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:50:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2724427	2715745	2740631	2726934	0.46	cps
Zirconium	91-1	594023	585587	590381	589997	0.72	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40778	40352	40099	40410	0.85	cps
Antimony	121-1	3877813	3892924	3844669	3871802	0.64	cps
Arsenic	75-2	34502	33925	34081	34169	0.87	cps
Barium	135-1	4015792	4104449	4011666	4043969	1.30	cps
Barium	137-1	7050663	7102366	7085420	7079483	0.37	cps
Beryllium	9-1	504775	507510	504535	505606	0.33	cps
Bismuth	209-1	5790008	5928623	5967922	5895518	1.59	cps
Bismuth	209-2	1321214	1347643	1332068	1333642	1.00	cps
Boron	10-1	58185	58763	59491	58813	1.11	cps
Boron	11-1	273373	277993	279880	277082	1.21	cps
Cadmium	111-1	811534	821191	809166	813964	0.78	cps
Cadmium	106-1	87727	87508	87315	87517	0.24	cps
Cadmium	108-1	58179	58371	57882	58144	0.42	cps
Calcium	43-1	784567	782314	786026	784303	0.24	cps
Calcium	44-1	12953963	12946630	12820621	12907071	0.58	cps
Chromium	52-2	280801	278971	279847	279873	0.33	cps
Cobalt	59-2	619262	619972	616122	618452	0.33	cps
Copper	63-2	1077739	1071124	1074375	1074412	0.31	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8793891	8945599	8930053	8889848	0.94	cps
Holmium	165-2	1638491	1659782	1640389	1646221	0.72	cps
Indium	115-1	6530476	6671973	6511116	6571188	1.34	cps
Indium	115-2	225313	230452	226826	227530	1.16	cps
Iron	56-2	9430173	9388835	9324190	9381066	0.57	cps
Iron	57-2	235242	236394	235953	235863	0.25	cps
Krypton	83-1	373	333	367	358	5.99	cps
Lead	206-1	2667782	2706281	2697741	2690601	0.75	cps
Lead	207-1	2480225	2465613	2501153	2482330	0.72	cps
Lead	208-1	11033763	11089481	11101131	11074792	0.33	cps
Lithium	6-1	1203854	1206826	1203159	1204613	0.16	cps
Magnesium	24-2	1041151	1046487	1032380	1040006	0.68	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155359	155615	154045	155006	0.54	cps
Molybdenum	94-1	6227735	6302658	6271517	6267304	0.60	cps
Molybdenum	95-1	7682427	7692135	7687153	7687238	0.06	cps
Molybdenum	96-1	8631071	8702410	8483068	8605517	1.30	cps
Molybdenum	97-1	4942480	4902707	4918756	4921314	0.41	cps
Molybdenum	98-1	12402181	12484272	12440922	12442458	0.33	cps
Neodymium	150-1	127	87	180	131	35.72	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	183484	182039	181890	182471	0.48	cps
Phosphorus	31-2	2584	2909	2617	2703	6.62	cps
Potassium	39-2	252175	252660	252213	252349	0.11	cps
Rhodium	103-1	5988695	6077026	5977341	6014354	0.91	cps
Rhodium	103-2	1427731	1447456	1445547	1440245	0.76	cps
Scandium	45-1	3688949	3732740	3715498	3712395	0.59	cps
Scandium	45-2	23360	23704	23770	23611	0.93	cps
Selenium	77-2	197	250	227	224	11.91	cps
Selenium	78-2	770	761	726	752	3.12	cps
Selenium	82-1	49422	49765	49217	49468	0.56	cps
Silicon	28-1	1749917	1733979	1747559	1743818	0.49	cps
Silver	109-1	3841490	3850998	3826502	3839663	0.32	cps
Silver	107-1	3946531	3977104	3964628	3962754	0.39	cps
Sodium	23-2	2374351	2351973	2382210	2369512	0.66	cps
Strontium	86-1	965506	962507	973097	967037	0.56	cps
Strontium	88-1	8340167	8326853	8270001	8312340	0.45	cps
Sulfur	34-1	572916	568425	570379	570573	0.39	cps
Terbium	159-1	8962054	9128820	9059587	9050154	0.93	cps
Terbium	159-2	1520965	1550894	1538771	1536877	0.98	cps
Thallium	203-1	3308444	3359799	3339156	3335799	0.77	cps
Thallium	205-1	7730631	7829457	7832009	7797366	0.74	cps
Tin	118-1	2654315	2654038	2639714	2649356	0.32	cps
Titanium	47-1	2018817	2009873	1996667	2008452	0.55	cps
Uranium	238-1	10781482	10920016	10816909	10839469	0.66	cps
Vanadium	51-2	205697	207482	208017	207065	0.59	cps
Yttrium	89-1	6743087	6807863	6703266	6751405	0.78	cps
Yttrium	89-2	168312	172514	169488	170105	1.27	cps
Zinc	66-2	94623	94418	92915	93986	0.99	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:53:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5292535	5308885	5313235	5304885	0.21	cps
Zirconium	91-1	1170402	1169792	1163165	1167786	0.34	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80070	79196	79215	79494	0.63	cps
Antimony	121-1	7637866	7602275	7635735	7625292	0.26	cps
Arsenic	75-2	67799	67062	66891	67250	0.72	cps
Barium	135-1	7968583	7945398	7995525	7969835	0.31	cps
Barium	137-1	14170765	14054391	14088061	14104406	0.42	cps
Beryllium	9-1	983226	979392	980582	981067	0.20	cps
Bismuth	209-1	6001227	6017655	5858930	5959271	1.46	cps
Bismuth	209-2	1317724	1343240	1351418	1337461	1.31	cps
Boron	10-1	112295	115815	119057	115722	2.92	cps
Boron	11-1	531164	537137	547689	538663	1.55	cps
Cadmium	111-1	1599672	1602187	1600986	1600948	0.08	cps
Cadmium	106-1	167360	168733	170000	168697	0.78	cps
Cadmium	108-1	113985	114993	113565	114181	0.64	cps
Calcium	43-1	1565369	1532063	1544318	1547250	1.09	cps
Calcium	44-1	25035799	25341942	25133365	25170369	0.62	cps
Chromium	52-2	550322	549762	552829	550971	0.30	cps
Cobalt	59-2	1215915	1214340	1210038	1213431	0.25	cps
Copper	63-2	2131962	2096732	2129390	2119361	0.93	cps
Dysprosium	156-1	100	117	67	94	26.96	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	9120339	8953976	8992847	9022387	0.96	cps
Holmium	165-2	1633481	1650598	1653242	1645774	0.65	cps
Indium	115-1	6563379	6482347	6452708	6499478	0.88	cps
Indium	115-2	220848	225189	225079	223705	1.11	cps
Iron	56-2	18567047	18462621	18474946	18501538	0.31	cps
Iron	57-2	466662	465164	464956	465594	0.20	cps
Krypton	83-1	370	327	330	342	7.05	cps
Lead	206-1	5284380	5370982	5309547	5321636	0.84	cps
Lead	207-1	4889049	4945240	4878119	4904136	0.73	cps
Lead	208-1	21674128	21922011	21897042	21831060	0.63	cps
Lithium	6-1	1211282	1194370	1184140	1196598	1.15	cps
Magnesium	24-2	2091197	2071048	2099935	2087393	0.71	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	302543	304261	301241	302682	0.50	cps
Molybdenum	94-1	12429965	12481736	12421002	12444234	0.26	cps
Molybdenum	95-1	15299933	15300972	15215977	15272294	0.32	cps
Molybdenum	96-1	17048126	17071772	17007068	17042322	0.19	cps
Molybdenum	97-1	9703329	9684377	9692928	9693545	0.10	cps
Molybdenum	98-1	24732486	24618319	24576640	24642482	0.33	cps
Neodymium	150-1	260	307	347	304	14.25	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	355667	354369	355042	355026	0.18	cps
Phosphorus	31-2	5526	5043	5185	5251	4.73	cps
Potassium	39-2	493591	491245	494775	493204	0.36	cps
Rhodium	103-1	6043894	5936388	5886799	5955694	1.35	cps
Rhodium	103-2	1406605	1430518	1441773	1426299	1.26	cps
Scandium	45-1	3720905	3657290	3635867	3671354	1.20	cps
Scandium	45-2	23373	24117	24144	23878	1.83	cps
Selenium	77-2	450	407	390	416	7.45	cps
Selenium	78-2	1393	1545	1422	1453	5.54	cps
Selenium	82-1	96984	97151	98158	97431	0.65	cps
Silicon	28-1	2991723	2973916	2965529	2977056	0.45	cps
Silver	109-1	7371932	7397982	7422795	7397570	0.34	cps
Silver	107-1	7667362	7768548	7611609	7682506	1.04	cps
Sodium	23-2	4603389	4558521	4578622	4580178	0.49	cps
Strontium	86-1	1944053	1933977	1972043	1950024	1.01	cps
Strontium	88-1	16476239	16524706	16532065	16511003	0.18	cps
Sulfur	34-1	785363	781279	780097	782246	0.35	cps
Terbium	159-1	9219103	9043294	9096749	9119715	0.99	cps
Terbium	159-2	1541289	1548662	1566266	1552072	0.83	cps
Thallium	203-1	6517473	6557195	6598891	6557853	0.62	cps
Thallium	205-1	15647467	15595856	15628228	15623850	0.17	cps
Tin	118-1	5185190	5206563	5238346	5210033	0.51	cps
Titanium	47-1	3845769	3890129	3883904	3873268	0.62	cps
Uranium	238-1	21730786	21752929	21874884	21786200	0.36	cps
Vanadium	51-2	409610	410081	412307	410666	0.35	cps
Yttrium	89-1	6847033	6703159	6716993	6755728	1.17	cps
Yttrium	89-2	169598	170695	171897	170730	0.67	cps
Zinc	66-2	185878	184505	185006	185129	0.38	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 11:57:25	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10500453	10554093	10477781	10510776	0.37	cps
Zirconium	91-1	2358273	2332781	2344285	2345113	0.54	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	455129	462432	465550	461037	1.16	cps
Antimony	121-1	28632	27797	27963	28131	1.57	cps
Arsenic	75-2	139	126	139	135	5.56	cps
Barium	135-1	2617	2842	2625	2695	4.73	cps
Barium	137-1	4784	4651	4484	4640	3.24	cps
Beryllium	9-1	872	706	689	756	13.42	cps
Bismuth	209-1	5364603	5366870	5427842	5386438	0.67	cps
Bismuth	209-2	1265777	1269947	1252083	1262602	0.74	cps
Boron	10-1	6535	6027	5184	5915	11.53	cps
Boron	11-1	29189	26809	24906	26968	7.96	cps
Cadmium	111-1	1380	1540	1397	1439	6.10	cps
Cadmium	106-1	1458	1508	1400	1456	3.72	cps
Cadmium	108-1	100	71	125	99	27.49	cps
Calcium	43-1	8374367	8426014	8451130	8417170	0.46	cps
Calcium	44-1	137538591	138463286	138881153	138294343	0.50	cps
Chromium	52-2	24221	25357	24508	24695	2.39	cps
Cobalt	59-2	16320	17455	16790	16855	3.38	cps
Copper	63-2	6315	6455	6422	6397	1.14	cps
Dysprosium	156-1	58	117	83	86	33.98	cps
Dysprosium	156-2	27	10	13	17	52.93	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	133	83	75	97	32.45	cps
Gadolinium	160-2	20	17	33	23	37.78	cps
Holmium	165-1	8519456	8627572	8767215	8638081	1.44	cps
Holmium	165-2	1670757	1678112	1642576	1663815	1.13	cps
Indium	115-1	6167999	6155444	6270343	6197929	1.02	cps
Indium	115-2	230120	235287	232044	232484	1.12	cps
Iron	56-2	101241661	101486333	102810622	101846205	0.83	cps
Iron	57-2	2591454	2634881	2622385	2616240	0.85	cps
Krypton	83-1	357	360	380	366	3.45	cps
Lead	206-1	34871	34915	34748	34845	0.25	cps
Lead	207-1	30264	29568	29351	29728	1.60	cps
Lead	208-1	139211	139074	136460	138249	1.12	cps
Lithium	6-1	1154818	1163407	1174577	1164267	0.85	cps
Magnesium	24-2	11338757	11403476	11480153	11407462	0.62	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1934	2000	2057	1997	3.09	cps
Molybdenum	94-1	17128	17370	16711	17070	1.95	cps
Molybdenum	95-1	27537	27270	26293	27033	2.42	cps
Molybdenum	96-1	31170	31412	29934	30839	2.57	cps
Molybdenum	97-1	18146	17095	16719	17320	4.27	cps
Molybdenum	98-1	44407	44850	42509	43922	2.83	cps
Neodymium	150-1	107	67	100	91	23.52	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	13300	13587	13367	13418	1.12	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2830070	2898360	2897458	2875296	1.36	cps
Rhodium	103-1	5525024	5651890	5613520	5596812	1.16	cps
Rhodium	103-2	1383613	1396421	1380611	1386881	0.61	cps
Scandium	45-1	3614606	3613073	3740267	3655982	2.00	cps
Scandium	45-2	24619	26018	25547	25394	2.80	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	129	97	69	98	30.13	cps
Silicon	28-1	446380	453681	463769	454610	1.92	cps
Silver	109-1	1017	883	992	964	7.35	cps
Silver	107-1	983	933	967	961	2.65	cps
Sodium	23-2	25489741	25405393	25721896	25539010	0.64	cps
Strontium	86-1	10938	11105	10763	10935	1.56	cps
Strontium	88-1	88680	89778	90097	89518	0.83	cps
Sulfur	34-1	340882	343561	348665	344369	1.15	cps
Terbium	159-1	8718150	8572081	8838883	8709704	1.53	cps
Terbium	159-2	1538805	1551634	1528428	1539622	0.76	cps
Thallium	203-1	4668	4551	4426	4548	2.66	cps
Thallium	205-1	10955	11105	10129	10730	4.90	cps
Tin	118-1	27611	26435	27354	27133	2.28	cps
Titanium	47-1	2167	2284	2467	2306	6.56	cps
Uranium	238-1	2659	2500	2200	2453	9.49	cps
Vanadium	51-2	203	250	260	238	12.72	cps
Yttrium	89-1	6450997	6540993	6612901	6534964	1.24	cps
Yttrium	89-2	179803	180288	180050	180047	0.13	cps
Zinc	66-2	86544	88027	89013	87861	1.41	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:00:52	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3142	3309	3442	3298	4.56	cps
Zirconium	91-1	792	683	692	722	8.35	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:06:37	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2301	2483	2246	2343	5.31	cps
Antimony	121-1	1518958	1515987	1516588	1517178	0.10	cps
Arsenic	75-2	14656	14982	15190	14943	1.80	cps
Barium	135-1	162367	163458	162181	162669	0.42	cps
Barium	137-1	282916	283635	283302	283284	0.13	cps
Beryllium	9-1	105238	106111	104845	105398	0.61	cps
Bismuth	209-1	6043298	6101636	6022970	6055968	0.67	cps
Bismuth	209-2	1333042	1386589	1415375	1378335	3.03	cps
Boron	10-1	1425	1492	1508	1475	2.99	cps
Boron	11-1	7002	6919	6785	6902	1.58	cps
Cadmium	111-1	164168	163700	164743	164204	0.32	cps
Cadmium	106-1	16185	15977	16085	16082	0.65	cps
Cadmium	108-1	10425	10709	10400	10511	1.63	cps
Calcium	43-1	33742	33833	33926	33834	0.27	cps
Calcium	44-1	559348	555300	552091	555580	0.65	cps
Chromium	52-2	61414	60785	60222	60807	0.98	cps
Cobalt	59-2	137527	136422	135956	136635	0.59	cps
Copper	63-2	121357	120103	118822	120094	1.06	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	0	13	10	8	89.21	cps
Holmium	165-1	8944131	8942543	8864050	8916908	0.51	cps
Holmium	165-2	1657292	1692183	1706669	1685381	1.51	cps
Indium	115-1	6926811	6853443	6830606	6870287	0.73	cps
Indium	115-2	244353	250927	252337	249205	1.71	cps
Iron	56-2	423213	417415	416990	419206	0.83	cps
Iron	57-2	10649	10893	10916	10819	1.37	cps
Krypton	83-1	360	333	360	351	4.39	cps
Lead	206-1	1060328	1053247	1054495	1056024	0.36	cps
Lead	207-1	927067	922607	923574	924416	0.25	cps
Lead	208-1	4343257	4333217	4312946	4329807	0.36	cps
Lithium	6-1	1252444	1285541	1277059	1271681	1.35	cps
Magnesium	24-2	27611	27494	26960	27355	1.27	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:06:37	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16537	17221	16153	16637	3.25	cps
Molybdenum	94-1	1175	1167	1200	1181	1.47	cps
Molybdenum	95-1	967	933	858	920	6.03	cps
Molybdenum	96-1	1400	1534	1133	1356	15.03	cps
Molybdenum	97-1	717	567	683	656	12.02	cps
Molybdenum	98-1	1625	1367	1475	1489	8.71	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40526	40626	40649	40600	0.16	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	25332	25799	25833	25655	1.09	cps
Rhodium	103-1	6451043	6383860	6347928	6394277	0.82	cps
Rhodium	103-2	1525577	1577644	1599019	1567413	2.41	cps
Scandium	45-1	3979797	4019834	3965092	3988241	0.71	cps
Scandium	45-2	25644	26916	26822	26461	2.68	cps
Selenium	77-2	90	90	127	102	20.71	cps
Selenium	78-2	352	307	317	325	7.21	cps
Selenium	82-1	20404	20349	20751	20501	1.06	cps
Silicon	28-1	307347	312945	308203	309498	0.97	cps
Silver	109-1	768480	767982	767447	767970	0.07	cps
Silver	107-1	795281	793561	798992	795945	0.35	cps
Sodium	23-2	115037	111770	113106	113305	1.45	cps
Strontium	86-1	5176	5693	5243	5371	5.24	cps
Strontium	88-1	37937	39860	39274	39024	2.52	cps
Sulfur	34-1	353328	353811	356811	354650	0.53	cps
Terbium	159-1	9141386	9095879	9006519	9081261	0.76	cps
Terbium	159-2	1568061	1578894	1623588	1590181	1.85	cps
Thallium	203-1	1326501	1316890	1315160	1319517	0.46	cps
Thallium	205-1	3245996	3154722	3210297	3203671	1.44	cps
Tin	118-1	1634	1934	1667	1745	9.43	cps
Titanium	47-1	200	150	250	200	25.00	cps
Uranium	238-1	150	167	142	153	8.33	cps
Vanadium	51-2	45965	45434	46139	45846	0.80	cps
Yttrium	89-1	6984184	7072480	7012317	7022994	0.64	cps
Yttrium	89-2	180817	185288	189595	185233	2.37	cps
Zinc	66-2	21086	21297	20926	21103	0.88	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:06:37	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1383	1417	1650	1483	9.80	cps
Zirconium	91-1	425	483	383	431	11.67	cps

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 12:17:45 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	20	18	18	14.31	cps
Antimony	121-1	883	975	1067	975	9.40	cps
Arsenic	75-2	6	11	6	7	43.24	cps
Barium	135-1	50	83	75	69	24.98	cps
Barium	137-1	92	75	58	75	22.22	cps
Beryllium	9-1	156	128	233	172	31.77	cps
Bismuth	209-1	5745763	5845861	5822807	5804810	0.90	cps
Bismuth	209-2	1387373	1372451	1387133	1382319	0.62	cps
Boron	10-1	850	783	817	817	4.08	cps
Boron	11-1	3759	3484	3576	3606	3.88	cps
Cadmium	111-1	1063	880	988	977	9.42	cps
Cadmium	106-1	1509	1225	1408	1381	10.41	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	292	442	483	406	24.86	cps
Calcium	44-1	15201	15251	15518	15323	1.11	cps
Chromium	52-2	330	383	373	362	7.83	cps
Cobalt	59-2	37	47	60	48	24.50	cps
Copper	63-2	443	487	490	473	5.50	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	75	47	50.95	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	8478844	8554084	8673014	8568647	1.14	cps
Holmium	165-2	1695803	1667862	1675267	1679644	0.86	cps
Indium	115-1	6681437	6616066	6703944	6667149	0.68	cps
Indium	115-2	248102	246214	248268	247528	0.46	cps
Iron	56-2	1600	1628	1489	1572	4.68	cps
Iron	57-2	50	83	39	57	40.29	cps
Krypton	83-1	427	367	340	378	11.75	cps
Lead	206-1	411	367	406	394	6.14	cps
Lead	207-1	344	378	300	341	11.45	cps
Lead	208-1	1550	1556	1617	1574	2.35	cps
Lithium	6-1	1236956	1226289	1204068	1222438	1.37	cps
Magnesium	24-2	250	333	225	269	21.05	cps

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 12:17:45 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	163	183	160	15.73	cps
Molybdenum	94-1	383	408	508	433	15.26	cps
Molybdenum	95-1	342	283	367	331	12.94	cps
Molybdenum	96-1	400	392	392	394	1.22	cps
Molybdenum	97-1	108	175	133	139	24.25	cps
Molybdenum	98-1	492	517	500	503	2.53	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	217	257	229	10.53	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2259	2267	2375	2300	2.83	cps
Rhodium	103-1	6176938	6193189	6194439	6188188	0.16	cps
Rhodium	103-2	1568334	1563344	1558707	1563462	0.31	cps
Scandium	45-1	3834918	3808445	3905574	3849646	1.30	cps
Scandium	45-2	27016	26722	26896	26878	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-86	-21	16	-30	-168.76	cps
Silicon	28-1	299712	300457	296793	298987	0.65	cps
Silver	109-1	100	50	117	89	39.03	cps
Silver	107-1	150	83	108	114	29.57	cps
Sodium	23-2	7160	6669	7636	7155	6.76	cps
Strontium	86-1	550	500	525	525	4.76	cps
Strontium	88-1	175	125	158	153	16.66	cps
Sulfur	34-1	351995	352533	354307	352945	0.34	cps
Terbium	159-1	8756880	8763657	8811409	8777315	0.34	cps
Terbium	159-2	1580026	1567005	1586273	1577768	0.62	cps
Thallium	203-1	575	592	642	603	5.76	cps
Thallium	205-1	1417	1275	1458	1383	6.95	cps
Tin	118-1	1408	1242	1258	1303	7.05	cps
Titanium	47-1	83	100	108	97	13.09	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	10	0	10	7	86.60	cps
Yttrium	89-1	6696962	6731371	6807456	6745263	0.84	cps
Yttrium	89-2	185349	184140	183976	184488	0.41	cps
Zinc	66-2	137	140	133	137	2.44	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:17:45	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	808	708	747	7.17	cps
Zirconium	91-1	167	208	175	183	12.03	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:21:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393879	391661	390580	392040	0.43	cps
Antimony	121-1	9028	9037	9337	9134	1.92	cps
Arsenic	75-2	15	20	15	17	19.26	cps
Barium	135-1	2492	2150	2392	2345	7.49	cps
Barium	137-1	3976	4309	4142	4143	4.02	cps
Beryllium	9-1	456	450	561	489	12.81	cps
Bismuth	209-1	5726413	5762421	5754264	5747699	0.33	cps
Bismuth	209-2	1335586	1324797	1320041	1326808	0.60	cps
Boron	10-1	1275	1042	1167	1161	10.06	cps
Boron	11-1	4784	4326	4509	4540	5.08	cps
Cadmium	111-1	1480	1311	1453	1414	6.44	cps
Cadmium	106-1	1383	1250	1267	1300	5.59	cps
Cadmium	108-1	983	1063	858	968	10.63	cps
Calcium	43-1	1582301	1577426	1566275	1575334	0.52	cps
Calcium	44-1	25715398	25372710	25358984	25482364	0.79	cps
Chromium	52-2	11618	11792	11485	11632	1.32	cps
Cobalt	59-2	1440	1570	1587	1532	5.24	cps
Copper	63-2	8493	8756	8930	8726	2.52	cps
Dysprosium	156-1	92	50	50	64	37.66	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	92	108	50	83	36.06	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	8758850	8925539	8914855	8866415	1.05	cps
Holmium	165-2	1720187	1694050	1655016	1689751	1.94	cps
Indium	115-1	6573144	6512372	6607848	6564455	0.74	cps
Indium	115-2	240390	237541	236113	238015	0.91	cps
Iron	56-2	38245726	38207543	38020684	38157984	0.32	cps
Iron	57-2	961142	963951	953090	959394	0.59	cps
Krypton	83-1	337	410	333	360	12.04	cps
Lead	206-1	25203	24508	25287	24999	1.71	cps
Lead	207-1	19744	19465	19571	19593	0.72	cps
Lead	208-1	94148	93687	93412	93749	0.40	cps
Lithium	6-1	1183969	1227582	1197615	1203055	1.85	cps
Magnesium	24-2	2112160	2109090	2083194	2101482	0.76	cps

LB Number : LB97510 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-08-23 12:21:09 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1263	1250	1153	1222	4.91	cps
Molybdenum	94-1	3413179	3406844	3396733	3405585	0.24	cps
Molybdenum	95-1	5984152	5987810	5981887	5984616	0.05	cps
Molybdenum	96-1	6438230	6380535	6460438	6426401	0.64	cps
Molybdenum	97-1	3812573	3811738	3799319	3807876	0.19	cps
Molybdenum	98-1	9541737	9597111	9588350	9575733	0.31	cps
Neodymium	150-1	20	0	67	29	118.42	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2170	2350	2040	2187	7.12	cps
Phosphorus	31-2	27678	27386	26952	27338	1.34	cps
Potassium	39-2	1036622	1033661	1034216	1034833	0.15	cps
Rhodium	103-1	5971493	5988891	5970780	5977055	0.17	cps
Rhodium	103-2	1475967	1460550	1448719	1461746	0.93	cps
Scandium	45-1	3814491	3837149	3803992	3818544	0.44	cps
Scandium	45-2	25607	25523	24628	25253	2.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-10	-74	16	-23	-206.25	cps
Silicon	28-1	408231	413081	408953	410089	0.64	cps
Silver	109-1	383	292	567	414	33.83	cps
Silver	107-1	350	442	592	461	26.46	cps
Sodium	23-2	4759539	4774534	4708345	4747473	0.73	cps
Strontium	86-1	64980	65951	65650	65527	0.76	cps
Strontium	88-1	567783	567461	564217	566487	0.35	cps
Sulfur	34-1	2257165	2234629	2235504	2242433	0.57	cps
Terbium	159-1	9012114	9158914	9116748	9095925	0.83	cps
Terbium	159-2	1587197	1597161	1589437	1591265	0.33	cps
Thallium	203-1	1075	883	858	939	12.63	cps
Thallium	205-1	2367	2517	2867	2584	9.93	cps
Tin	118-1	1992	1975	1884	1950	2.99	cps
Titanium	47-1	1619589	1610391	1605675	1611885	0.44	cps
Uranium	238-1	408	333	467	403	16.59	cps
Vanadium	51-2	40	63	63	56	24.25	cps
Yttrium	89-1	6753170	6774834	6794467	6774157	0.30	cps
Yttrium	89-2	178662	178275	175509	177482	0.97	cps
Zinc	66-2	1197	1177	1203	1192	1.16	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:21:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4618	4134	3709	4154	10.95	cps
Zirconium	91-1	775	1000	842	872	13.25	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391299	391156	386203	389553	0.74	cps
Antimony	121-1	156700	157021	156463	156728	0.18	cps
Arsenic	75-2	1335	1317	1356	1336	1.46	cps
Barium	135-1	35073	34688	33853	34538	1.81	cps
Barium	137-1	61234	59886	59644	60255	1.42	cps
Beryllium	9-1	20604	20014	20515	20378	1.56	cps
Bismuth	209-1	5775156	5712930	5845827	5777971	1.15	cps
Bismuth	209-2	1332477	1331844	1330744	1331688	0.07	cps
Boron	10-1	7827	8436	8103	8122	3.75	cps
Boron	11-1	37551	37559	37793	37634	0.37	cps
Cadmium	111-1	32866	32681	33100	32882	0.64	cps
Cadmium	106-1	5335	5543	5385	5421	2.01	cps
Cadmium	108-1	3442	3634	3296	3457	4.90	cps
Calcium	43-1	1551827	1545847	1575055	1557576	0.99	cps
Calcium	44-1	25307372	25602739	25545426	25485179	0.61	cps
Chromium	52-2	23206	23326	22442	22991	2.09	cps
Cobalt	59-2	26682	26385	26783	26617	0.78	cps
Copper	63-2	30570	30798	30744	30704	0.39	cps
Dysprosium	156-1	75	50	17	47	61.97	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	67	42	67	58	24.74	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	8972177	8909340	8981871	8954462	0.44	cps
Holmium	165-2	1670752	1668908	1691160	1676940	0.74	cps
Indium	115-1	6571369	6557586	6653311	6594089	0.78	cps
Indium	115-2	236679	237633	237032	237115	0.20	cps
Iron	56-2	38003616	37802922	37892318	37899618	0.27	cps
Iron	57-2	952714	954638	952876	953409	0.11	cps
Krypton	83-1	340	337	370	349	5.26	cps
Lead	206-1	128617	129256	129256	129043	0.29	cps
Lead	207-1	108617	108230	107983	108277	0.29	cps
Lead	208-1	502787	499779	502072	501546	0.31	cps
Lithium	6-1	1222106	1201938	1203378	1209141	0.93	cps
Magnesium	24-2	2107077	2070100	2065609	2080929	1.09	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4564	4524	4621	4570	1.06	cps
Molybdenum	94-1	3699605	3660125	3694691	3684807	0.58	cps
Molybdenum	95-1	6074894	6055457	6081847	6070732	0.23	cps
Molybdenum	96-1	6627527	6642589	6603616	6624577	0.30	cps
Molybdenum	97-1	3914997	3906973	3909856	3910609	0.10	cps
Molybdenum	98-1	9763220	9901781	9875310	9846770	0.75	cps
Neodymium	150-1	13	47	27	29	58.08	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	9570	9613	9647	9610	0.40	cps
Phosphorus	31-2	28137	28020	26835	27664	2.60	cps
Potassium	39-2	1031701	1025976	1016903	1024860	0.73	cps
Rhodium	103-1	5992197	6013355	6069246	6024933	0.66	cps
Rhodium	103-2	1470558	1467890	1473436	1470628	0.19	cps
Scandium	45-1	3790632	3752861	3818536	3787343	0.87	cps
Scandium	45-2	25099	24355	25360	24938	2.09	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	22	28	35	28	22.91	cps
Selenium	82-1	1916	2003	1866	1928	3.60	cps
Silicon	28-1	584411	584167	582766	583781	0.15	cps
Silver	109-1	140754	140157	139954	140288	0.30	cps
Silver	107-1	147071	148038	147052	147387	0.38	cps
Sodium	23-2	4709000	4736141	4656369	4700503	0.86	cps
Strontium	86-1	171187	172198	173355	172246	0.63	cps
Strontium	88-1	1530842	1509592	1495191	1511875	1.19	cps
Sulfur	34-1	2220608	2202791	2183032	2202144	0.85	cps
Terbium	159-1	9090165	9128777	9089821	9102921	0.25	cps
Terbium	159-2	1573243	1589502	1580881	1581209	0.51	cps
Thallium	203-1	129376	130304	128149	129277	0.84	cps
Thallium	205-1	311090	310165	310947	310734	0.16	cps
Tin	118-1	283573	283379	284498	283817	0.21	cps
Titanium	47-1	1647359	1646589	1627990	1640646	0.67	cps
Uranium	238-1	1153269	1161691	1161774	1158911	0.42	cps
Vanadium	51-2	8773	8429	8479	8561	2.17	cps
Yttrium	89-1	6791834	6753287	6828080	6791067	0.55	cps
Yttrium	89-2	179907	180463	179942	180104	0.17	cps
Zinc	66-2	3080	3280	3170	3177	3.15	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:24:27	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	568180	575150	569645	570992	0.64	cps
Zirconium	91-1	125432	126441	126886	126253	0.59	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239328	239338	244001	240889	1.12	cps
Antimony	121-1	3904763	3921382	3933369	3919838	0.37	cps
Arsenic	75-2	36908	36706	36936	36850	0.34	cps
Barium	135-1	4134409	4120933	4133005	4129449	0.18	cps
Barium	137-1	7266334	7280197	7198901	7248477	0.60	cps
Beryllium	9-1	521668	516310	523465	520481	0.72	cps
Bismuth	209-1	5660171	5608655	5669317	5646047	0.58	cps
Bismuth	209-2	1322943	1281498	1280379	1294940	1.87	cps
Boron	10-1	59641	60135	63507	61094	3.44	cps
Boron	11-1	275156	286526	290920	284201	2.86	cps
Cadmium	111-1	796892	800234	798710	798612	0.21	cps
Cadmium	106-1	85151	85379	84883	85138	0.29	cps
Cadmium	108-1	57049	57200	57317	57189	0.23	cps
Calcium	43-1	4031337	4077518	4065280	4058045	0.59	cps
Calcium	44-1	66089249	66834572	66888166	66603996	0.67	cps
Chromium	52-2	316255	314766	319112	316711	0.70	cps
Cobalt	59-2	659102	663305	668088	663498	0.68	cps
Copper	63-2	1108070	1111322	1118980	1112791	0.50	cps
Dysprosium	156-1	92	108	83	94	13.48	cps
Dysprosium	156-2	13	13	0	9	86.60	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	42	75	67	61	28.38	cps
Gadolinium	160-2	10	20	3	11	75.52	cps
Holmium	165-1	8889540	8853943	8902138	8881874	0.28	cps
Holmium	165-2	1700780	1674227	1672462	1682490	0.94	cps
Indium	115-1	6501636	6426496	6530867	6486333	0.83	cps
Indium	115-2	237615	233279	234156	235017	0.98	cps
Iron	56-2	51027947	50565196	50840514	50811219	0.46	cps
Iron	57-2	1269743	1271017	1282872	1274544	0.57	cps
Krypton	83-1	327	337	330	331	1.54	cps
Lead	206-1	2667204	2686233	2663229	2672222	0.46	cps
Lead	207-1	2447089	2440281	2421238	2436203	0.55	cps
Lead	208-1	10911742	10944232	10861103	10905692	0.38	cps
Lithium	6-1	1192912	1192168	1188692	1191257	0.19	cps
Magnesium	24-2	5469489	5475993	5516008	5487163	0.46	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168857	168063	170300	169073	0.67	cps
Molybdenum	94-1	6558508	6443872	6539999	6514126	0.94	cps
Molybdenum	95-1	8019237	7896311	7983659	7966402	0.79	cps
Molybdenum	96-1	8900813	8845609	8840401	8862274	0.38	cps
Molybdenum	97-1	5078721	5029731	5091080	5066510	0.64	cps
Molybdenum	98-1	12903950	12854510	12879675	12879378	0.19	cps
Neodymium	150-1	187	227	180	198	12.76	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	196382	195559	196400	196114	0.25	cps
Phosphorus	31-2	2942	2875	2992	2937	1.99	cps
Potassium	39-2	1405424	1416360	1439207	1420330	1.21	cps
Rhodium	103-1	5933981	5814006	5958424	5902137	1.31	cps
Rhodium	103-2	1441209	1424670	1415899	1427259	0.90	cps
Scandium	45-1	3817471	3804094	3864779	3828782	0.83	cps
Scandium	45-2	25921	25410	25467	25599	1.09	cps
Selenium	77-2	237	197	263	232	14.45	cps
Selenium	78-2	874	839	865	859	2.12	cps
Selenium	82-1	49603	49999	49766	49789	0.40	cps
Silicon	28-1	1946921	2022820	2030684	2000141	2.31	cps
Silver	109-1	3787871	3771986	3805234	3788363	0.44	cps
Silver	107-1	3956787	3893203	3896821	3915604	0.91	cps
Sodium	23-2	12586738	12551143	12712665	12616849	0.67	cps
Strontium	86-1	993141	996952	994956	995016	0.19	cps
Strontium	88-1	8557247	8597688	8654779	8603238	0.57	cps
Sulfur	34-1	569425	575346	573033	572601	0.52	cps
Terbium	159-1	9018580	8935922	9035335	8996613	0.59	cps
Terbium	159-2	1599584	1540179	1573042	1570935	1.89	cps
Thallium	203-1	3291462	3334549	3292557	3306189	0.74	cps
Thallium	205-1	7744619	7704444	7692427	7713830	0.35	cps
Tin	118-1	2700901	2676126	2681096	2686041	0.49	cps
Titanium	47-1	2088182	2112933	2118583	2106566	0.77	cps
Uranium	238-1	10934804	10963141	10787543	10895163	0.87	cps
Vanadium	51-2	226918	228811	230179	228636	0.72	cps
Yttrium	89-1	6905933	6744699	6826176	6825602	1.18	cps
Yttrium	89-2	181133	177640	179266	179347	0.97	cps
Zinc	66-2	99272	97460	99682	98804	1.20	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:27:46	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5546669	5510915	5467688	5508424	0.72	cps
Zirconium	91-1	1220087	1201021	1206271	1209126	0.81	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	10	8	11	35.25	cps
Antimony	121-1	4343	4017	4159	4173	3.91	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	125	108	108	114	8.45	cps
Barium	137-1	158	92	100	117	31.14	cps
Beryllium	9-1	217	333	294	281	21.11	cps
Bismuth	209-1	5856906	5792194	5806402	5818501	0.58	cps
Bismuth	209-2	1384175	1378434	1394785	1385798	0.60	cps
Boron	10-1	1233	1425	1058	1239	14.80	cps
Boron	11-1	6360	5518	6135	6004	7.26	cps
Cadmium	111-1	923	1065	906	964	9.06	cps
Cadmium	106-1	1267	1483	1250	1333	9.76	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	433	492	492	472	7.13	cps
Calcium	44-1	16535	16853	16193	16527	1.99	cps
Chromium	52-2	420	440	363	408	9.75	cps
Cobalt	59-2	30	80	87	66	47.25	cps
Copper	63-2	480	490	513	494	3.46	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	8737233	8595240	8631423	8654632	0.85	cps
Holmium	165-2	1688609	1698881	1712721	1700070	0.71	cps
Indium	115-1	6691672	6628884	6654267	6658275	0.47	cps
Indium	115-2	249926	248795	250674	249798	0.38	cps
Iron	56-2	2617	2789	2695	2700	3.19	cps
Iron	57-2	61	100	72	78	25.76	cps
Krypton	83-1	387	403	343	378	8.20	cps
Lead	206-1	544	633	539	572	9.26	cps
Lead	207-1	489	528	406	474	13.17	cps
Lead	208-1	2195	2278	2145	2206	3.05	cps
Lithium	6-1	1215611	1217439	1217769	1216939	0.10	cps
Magnesium	24-2	325	300	250	292	13.09	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	87	123	110	18.43	cps
Molybdenum	94-1	1392	1567	1508	1489	5.99	cps
Molybdenum	95-1	1450	1308	1300	1353	6.23	cps
Molybdenum	96-1	1892	1800	1734	1809	4.40	cps
Molybdenum	97-1	1067	1017	825	970	13.16	cps
Molybdenum	98-1	2350	2509	2317	2392	4.28	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	230	250	246	5.65	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2692	2334	2417	2481	7.56	cps
Rhodium	103-1	6217746	6198189	6239028	6218321	0.33	cps
Rhodium	103-2	1604193	1590181	1596451	1596941	0.44	cps
Scandium	45-1	3889438	3850398	3831410	3857082	0.77	cps
Scandium	45-2	26452	25914	26352	26239	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-27	-47	36	-13	-337.21	cps
Silicon	28-1	301636	301350	301963	301650	0.10	cps
Silver	109-1	275	250	208	244	13.78	cps
Silver	107-1	292	308	242	281	12.37	cps
Sodium	23-2	9153	8878	8987	9006	1.54	cps
Strontium	86-1	550	550	558	553	0.87	cps
Strontium	88-1	192	167	267	208	24.98	cps
Sulfur	34-1	341411	341384	338092	340296	0.56	cps
Terbium	159-1	8919393	8813460	8851331	8861395	0.61	cps
Terbium	159-2	1581461	1562987	1619399	1587949	1.81	cps
Thallium	203-1	1008	867	1042	972	9.56	cps
Thallium	205-1	2425	2259	2092	2259	7.38	cps
Tin	118-1	1867	1959	1700	1842	7.11	cps
Titanium	47-1	208	167	117	164	28.00	cps
Uranium	238-1	183	92	175	150	33.79	cps
Vanadium	51-2	13	0	10	8	89.21	cps
Yttrium	89-1	6850948	6754676	6788211	6797945	0.72	cps
Yttrium	89-2	183738	185102	186487	185109	0.74	cps
Zinc	66-2	2277	2364	2444	2361	3.53	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 12:33:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1859	1867	1667	1797	6.30	cps
Zirconium	91-1	283	350	408	347	18.01	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	403	458	462	13.29	cps
Antimony	121-1	1809	1650	1700	1720	4.71	cps
Arsenic	75-2	1800	1787	1765	1784	1.00	cps
Barium	135-1	92	108	83	94	13.48	cps
Barium	137-1	108	175	183	156	26.43	cps
Beryllium	9-1	289	256	289	278	6.93	cps
Bismuth	209-1	5866040	5831389	5859195	5852208	0.31	cps
Bismuth	209-2	1387697	1371703	1235933	1331778	6.26	cps
Boron	10-1	942	875	1075	964	10.57	cps
Boron	11-1	4651	4117	4418	4395	6.09	cps
Cadmium	111-1	8008	7714	8008	7910	2.14	cps
Cadmium	106-1	1825	1842	1842	1836	0.52	cps
Cadmium	108-1	400	467	500	456	11.18	cps
Calcium	43-1	41513	40368	41354	41078	1.51	cps
Calcium	44-1	685716	679518	683634	682956	0.46	cps
Chromium	52-2	420	510	310	413	24.23	cps
Cobalt	59-2	8933	9110	8606	8883	2.88	cps
Copper	63-2	27731	26776	26789	27099	2.02	cps
Dysprosium	156-1	5676	5493	5351	5507	2.96	cps
Dysprosium	156-2	1073	1213	1183	1157	6.37	cps
Erbium	164-1	5310	5260	5051	5207	2.63	cps
Erbium	164-2	907	917	973	932	3.86	cps
Gadolinium	160-1	5860	5701	6227	5929	4.54	cps
Gadolinium	160-2	1410	1430	1587	1476	6.56	cps
Holmium	165-1	8748580	8705771	8753497	8735949	0.30	cps
Holmium	165-2	1698005	1692504	1509669	1633393	6.56	cps
Indium	115-1	6648238	6652026	6786073	6695445	1.17	cps
Indium	115-2	250290	247301	220892	239494	6.76	cps
Iron	56-2	351081	353094	356285	353487	0.74	cps
Iron	57-2	8714	9020	8747	8827	1.90	cps
Krypton	83-1	310	380	350	347	10.13	cps
Lead	206-1	7825	8125	7680	7877	2.88	cps
Lead	207-1	6808	6941	6863	6871	0.98	cps
Lead	208-1	31110	32573	31566	31750	2.36	cps
Lithium	6-1	1232107	1210529	1239881	1227505	1.24	cps
Magnesium	24-2	21509	22177	21550	21745	1.72	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187439	189519	190645	189201	0.86	cps
Molybdenum	94-1	958	975	1033	989	3.98	cps
Molybdenum	95-1	600	767	792	719	14.48	cps
Molybdenum	96-1	1058	908	850	939	11.45	cps
Molybdenum	97-1	450	433	508	464	8.49	cps
Molybdenum	98-1	1475	1333	1267	1358	7.83	cps
Neodymium	150-1	6549	7095	6695	6780	4.18	cps
Neodymium	150-2	823	773	763	787	4.09	cps
Nickel	60-2	1080	1053	1040	1058	1.93	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3476	3417	3317	3403	2.35	cps
Rhodium	103-1	6251342	6172320	6243191	6222284	0.70	cps
Rhodium	103-2	1567039	1583462	1367539	1506013	7.98	cps
Scandium	45-1	3900039	3887097	3906195	3897777	0.25	cps
Scandium	45-2	26512	26372	23560	25481	6.53	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	34	-36	22	7	545.88	cps
Silicon	28-1	550549	550028	548432	549670	0.20	cps
Silver	109-1	217	175	208	200	11.02	cps
Silver	107-1	225	208	142	192	23.01	cps
Sodium	23-2	22686	22652	23320	22886	1.64	cps
Strontium	86-1	18605	18355	18455	18472	0.68	cps
Strontium	88-1	153950	154912	154197	154353	0.32	cps
Sulfur	34-1	469023	465336	466961	467107	0.40	cps
Terbium	159-1	8873220	8835822	8981601	8896881	0.85	cps
Terbium	159-2	1611848	1611554	1403208	1542204	7.81	cps
Thallium	203-1	775	658	625	686	11.48	cps
Thallium	205-1	1525	1375	1809	1570	14.02	cps
Tin	118-1	1242	1500	1433	1392	9.64	cps
Titanium	47-1	150	142	133	142	5.88	cps
Uranium	238-1	10930	11256	10413	10866	3.91	cps
Vanadium	51-2	7	20	0	9	114.55	cps
Yttrium	89-1	6969748	6877731	6981959	6943146	0.82	cps
Yttrium	89-2	187968	189171	167837	181659	6.60	cps
Zinc	66-2	87900	88567	89403	88623	0.85	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:36:34	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1759	1484	1659	9.17	cps
Zirconium	91-1	367	442	350	386	12.65	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398	473	505	458	12.03	cps
Antimony	121-1	1167	1175	983	1108	9.78	cps
Arsenic	75-2	1783	1880	1859	1841	2.76	cps
Barium	135-1	75	142	133	117	31.14	cps
Barium	137-1	150	150	67	122	39.37	cps
Beryllium	9-1	256	256	294	269	8.36	cps
Bismuth	209-1	5827800	5861415	5769899	5819705	0.80	cps
Bismuth	209-2	1366587	1375745	1356261	1366198	0.71	cps
Boron	10-1	667	883	800	783	13.95	cps
Boron	11-1	3509	4134	3559	3734	9.30	cps
Cadmium	111-1	7958	8147	7942	8016	1.42	cps
Cadmium	106-1	1934	2309	2067	2103	9.04	cps
Cadmium	108-1	550	471	575	532	10.22	cps
Calcium	43-1	39063	41671	40392	40376	3.23	cps
Calcium	44-1	671315	669696	666199	669070	0.39	cps
Chromium	52-2	380	393	400	391	2.60	cps
Cobalt	59-2	8613	8533	8443	8529	1.00	cps
Copper	63-2	26702	26245	26709	26552	1.00	cps
Dysprosium	156-1	5151	5010	5476	5212	4.59	cps
Dysprosium	156-2	1113	1163	1247	1175	5.74	cps
Erbium	164-1	4793	4926	5201	4973	4.19	cps
Erbium	164-2	957	987	1000	981	2.26	cps
Gadolinium	160-1	5385	5635	5535	5518	2.28	cps
Gadolinium	160-2	1593	1500	1413	1502	5.99	cps
Holmium	165-1	8636721	8730814	8653421	8673652	0.58	cps
Holmium	165-2	1681376	1689207	1652249	1674278	1.16	cps
Indium	115-1	6620090	6628503	6605877	6618157	0.17	cps
Indium	115-2	245684	249029	245899	246871	0.76	cps
Iron	56-2	345372	342040	347099	344837	0.75	cps
Iron	57-2	8709	8364	8936	8670	3.32	cps
Krypton	83-1	380	280	363	341	15.71	cps
Lead	206-1	7647	7886	7608	7714	1.95	cps
Lead	207-1	6519	6858	6591	6656	2.68	cps
Lead	208-1	30694	31528	30432	30884	1.85	cps
Lithium	6-1	1214148	1217500	1229600	1220416	0.67	cps
Magnesium	24-2	21567	20674	20649	20963	2.49	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	186114	188833	185433	186793	0.96	cps
Molybdenum	94-1	842	767	675	761	10.97	cps
Molybdenum	95-1	508	483	517	503	3.45	cps
Molybdenum	96-1	650	608	775	678	12.80	cps
Molybdenum	97-1	358	400	317	358	11.63	cps
Molybdenum	98-1	842	800	800	814	2.96	cps
Neodymium	150-1	6875	6722	7049	6882	2.38	cps
Neodymium	150-2	773	880	897	850	7.87	cps
Nickel	60-2	1030	1057	1020	1036	1.83	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3351	3109	3351	3270	4.27	cps
Rhodium	103-1	6166431	6194356	6238666	6199818	0.59	cps
Rhodium	103-2	1543035	1539128	1559876	1547346	0.71	cps
Scandium	45-1	3866959	3899630	3855847	3874146	0.59	cps
Scandium	45-2	26432	27233	26492	26719	1.67	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-21	56	26	20	190.81	cps
Silicon	28-1	546389	542802	543199	544130	0.36	cps
Silver	109-1	150	100	117	122	20.83	cps
Silver	107-1	250	200	225	225	11.11	cps
Sodium	23-2	22285	22043	21984	22104	0.72	cps
Strontium	86-1	17228	17754	18313	17765	3.05	cps
Strontium	88-1	152932	151771	151097	151933	0.61	cps
Sulfur	34-1	460245	462420	463349	462005	0.34	cps
Terbium	159-1	8926836	8854134	8876313	8885761	0.42	cps
Terbium	159-2	1571258	1576282	1560085	1569208	0.53	cps
Thallium	203-1	467	483	533	494	7.02	cps
Thallium	205-1	1300	1158	1192	1217	6.09	cps
Tin	118-1	1217	1142	992	1117	10.26	cps
Titanium	47-1	225	133	217	192	26.45	cps
Uranium	238-1	10530	10488	10363	10460	0.83	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	6909430	6904611	6843118	6885720	0.54	cps
Yttrium	89-2	183826	186235	185251	185104	0.65	cps
Zinc	66-2	86149	85948	86383	86160	0.25	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:39:57	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1267	1225	1225	1239	1.94	cps
Zirconium	91-1	233	300	208	247	19.17	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	100	103	102	1.42	cps
Antimony	121-1	742	667	717	708	5.39	cps
Arsenic	75-2	406	346	369	373	8.02	cps
Barium	135-1	58	58	50	56	8.67	cps
Barium	137-1	133	75	92	100	30.05	cps
Beryllium	9-1	178	194	172	181	6.37	cps
Bismuth	209-1	5822531	5873196	5821979	5839235	0.50	cps
Bismuth	209-2	1373137	1369284	1369139	1370520	0.17	cps
Boron	10-1	758	717	817	764	6.58	cps
Boron	11-1	2942	3225	3159	3109	4.77	cps
Cadmium	111-1	2396	2438	2408	2414	0.89	cps
Cadmium	106-1	1383	1584	1584	1517	7.61	cps
Cadmium	108-1	92	83	96	90	7.05	cps
Calcium	43-1	8194	8353	8328	8292	1.03	cps
Calcium	44-1	149859	147350	148781	148663	0.85	cps
Chromium	52-2	493	330	353	392	22.52	cps
Cobalt	59-2	1904	1640	1673	1739	8.25	cps
Copper	63-2	5648	5965	5838	5817	2.74	cps
Dysprosium	156-1	1158	983	1042	1061	8.40	cps
Dysprosium	156-2	213	237	243	231	6.82	cps
Erbium	164-1	1075	1042	1108	1075	3.10	cps
Erbium	164-2	180	200	160	180	11.11	cps
Gadolinium	160-1	1000	1158	1175	1111	8.69	cps
Gadolinium	160-2	233	283	330	282	17.13	cps
Holmium	165-1	8661482	8661656	8536481	8619873	0.84	cps
Holmium	165-2	1657519	1672416	1682367	1670767	0.75	cps
Indium	115-1	6624313	6700675	6656090	6660359	0.58	cps
Indium	115-2	248671	246659	246189	247173	0.53	cps
Iron	56-2	70590	71103	70969	70887	0.38	cps
Iron	57-2	1561	1878	1706	1715	9.25	cps
Krypton	83-1	343	340	370	351	4.68	cps
Lead	206-1	1628	1722	1878	1743	7.25	cps
Lead	207-1	1661	1650	1667	1659	0.51	cps
Lead	208-1	7334	7295	7451	7360	1.10	cps
Lithium	6-1	1206026	1220913	1221499	1216146	0.72	cps
Magnesium	24-2	4368	4643	4318	4443	3.94	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37444	37477	37520	37480	0.10	cps
Molybdenum	94-1	592	642	608	614	4.15	cps
Molybdenum	95-1	308	317	325	317	2.63	cps
Molybdenum	96-1	450	533	492	492	8.47	cps
Molybdenum	97-1	258	200	275	244	16.11	cps
Molybdenum	98-1	583	633	608	608	4.11	cps
Neodymium	150-1	1433	1327	1440	1400	4.54	cps
Neodymium	150-2	163	133	123	140	14.87	cps
Nickel	60-2	490	447	413	450	8.54	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2559	2292	2567	2473	6.33	cps
Rhodium	103-1	6203323	6204129	6183043	6196832	0.19	cps
Rhodium	103-2	1552548	1538456	1559055	1550020	0.68	cps
Scandium	45-1	3907924	3925703	3877185	3903604	0.63	cps
Scandium	45-2	26475	26251	26442	26389	0.46	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-9	-1	4	-2	-375.07	cps
Silicon	28-1	348867	348412	348273	348517	0.09	cps
Silver	109-1	158	117	58	111	45.21	cps
Silver	107-1	150	133	192	158	18.98	cps
Sodium	23-2	11005	11230	10880	11038	1.61	cps
Strontium	86-1	3967	3792	4218	3992	5.35	cps
Strontium	88-1	31145	31103	31704	31317	1.07	cps
Sulfur	34-1	374266	375427	379077	376257	0.67	cps
Terbium	159-1	8837583	8835532	8764387	8812501	0.47	cps
Terbium	159-2	1599342	1560525	1595841	1585236	1.35	cps
Thallium	203-1	508	483	317	436	23.89	cps
Thallium	205-1	1217	1208	1384	1270	7.78	cps
Tin	118-1	1000	1242	1242	1161	12.02	cps
Titanium	47-1	192	117	125	144	28.46	cps
Uranium	238-1	2192	2117	2075	2128	2.78	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	6753948	6890545	6787579	6810691	1.04	cps
Yttrium	89-2	184362	183904	184347	184204	0.14	cps
Zinc	66-2	17331	17531	17338	17400	0.65	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-03LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B40L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:43:20	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	958	1058	867	961	9.98	cps
Zirconium	91-1	250	250	192	231	14.61	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	448	455	458	2.50	cps
Antimony	121-1	4659	4584	4651	4632	0.89	cps
Arsenic	75-2	1719	1696	1872	1762	5.44	cps
Barium	135-1	17062	16060	16219	16447	3.27	cps
Barium	137-1	28707	29083	28097	28629	1.74	cps
Beryllium	9-1	456	456	467	459	1.40	cps
Bismuth	209-1	5774247	5782174	5497662	5684694	2.85	cps
Bismuth	209-2	1379455	1388558	1239684	1335899	6.25	cps
Boron	10-1	625	675	625	642	4.50	cps
Boron	11-1	2917	3067	3017	3000	2.55	cps
Cadmium	111-1	8280	8726	8478	8495	2.63	cps
Cadmium	106-1	1925	2509	2084	2173	13.89	cps
Cadmium	108-1	475	546	517	513	6.95	cps
Calcium	43-1	40635	41237	40894	40922	0.74	cps
Calcium	44-1	673909	673206	680166	675760	0.57	cps
Chromium	52-2	1123	1013	1013	1050	6.05	cps
Cobalt	59-2	12442	12186	12719	12449	2.14	cps
Copper	63-2	28119	28349	28570	28346	0.80	cps
Dysprosium	156-1	5560	5585	5401	5515	1.80	cps
Dysprosium	156-2	1220	1163	1277	1220	4.65	cps
Erbium	164-1	5001	5185	5668	5285	6.52	cps
Erbium	164-2	907	933	997	946	4.89	cps
Gadolinium	160-1	5677	5535	5735	5649	1.82	cps
Gadolinium	160-2	1437	1477	1580	1498	4.94	cps
Holmium	165-1	8695490	8558425	8343444	8532453	2.08	cps
Holmium	165-2	1699173	1707677	1495345	1634065	7.36	cps
Indium	115-1	6657542	6566996	6378250	6534263	2.18	cps
Indium	115-2	251075	251876	220752	241234	7.36	cps
Iron	56-2	352828	351627	353773	352742	0.30	cps
Iron	57-2	8853	8942	8753	8849	1.07	cps
Krypton	83-1	357	317	350	341	6.28	cps
Lead	206-1	8242	8720	7969	8310	4.57	cps
Lead	207-1	7202	7069	6846	7039	2.55	cps
Lead	208-1	32233	33112	32089	32478	1.71	cps
Lithium	6-1	1219197	1216992	1174526	1203571	2.09	cps
Magnesium	24-2	21367	21175	21292	21278	0.45	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189550	190320	190732	190201	0.32	cps
Molybdenum	94-1	542	658	667	622	11.23	cps
Molybdenum	95-1	300	317	317	311	3.09	cps
Molybdenum	96-1	417	417	517	450	12.83	cps
Molybdenum	97-1	183	292	175	217	30.04	cps
Molybdenum	98-1	467	425	483	458	6.55	cps
Neodymium	150-1	6722	6955	6662	6780	2.29	cps
Neodymium	150-2	767	877	830	824	6.70	cps
Nickel	60-2	2080	2164	2257	2167	4.08	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3276	3309	3134	3239	2.87	cps
Rhodium	103-1	6132638	6152505	6007105	6097416	1.29	cps
Rhodium	103-2	1602520	1575178	1371413	1516370	8.33	cps
Scandium	45-1	3909406	3852961	3725545	3829304	2.46	cps
Scandium	45-2	27721	26686	24071	26159	7.19	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	51	130	91	91	43.89	cps
Silicon	28-1	546320	548200	548765	547762	0.23	cps
Silver	109-1	2209	1934	2075	2073	6.64	cps
Silver	107-1	2200	2600	2392	2398	8.35	cps
Sodium	23-2	22318	22226	22460	22335	0.53	cps
Strontium	86-1	18422	18096	18246	18255	0.89	cps
Strontium	88-1	150221	149956	150033	150070	0.09	cps
Sulfur	34-1	474765	477546	474950	475754	0.33	cps
Terbium	159-1	8859289	8806339	8464784	8710138	2.46	cps
Terbium	159-2	1618384	1615051	1397000	1543478	8.22	cps
Thallium	203-1	2225	2109	1975	2103	5.95	cps
Thallium	205-1	5151	5043	4609	4935	5.81	cps
Tin	118-1	1233	1225	1108	1189	5.88	cps
Titanium	47-1	108	100	125	111	11.46	cps
Uranium	238-1	10230	10813	10638	10561	2.84	cps
Vanadium	51-2	1220	1153	1213	1196	3.07	cps
Yttrium	89-1	6898006	6840942	6706103	6815017	1.45	cps
Yttrium	89-2	187833	189338	167305	181492	6.78	cps
Zinc	66-2	87792	87591	88527	87970	0.56	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4578-05DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B40S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:46:43	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1158	1083	1158	6.47	cps
Zirconium	91-1	233	333	233	267	21.65	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395	338	395	376	8.83	cps
Antimony	121-1	600	583	542	575	5.22	cps
Arsenic	75-2	1419	1337	1306	1354	4.31	cps
Barium	135-1	108	67	83	86	24.35	cps
Barium	137-1	167	92	142	133	28.64	cps
Beryllium	9-1	244	261	178	228	19.36	cps
Bismuth	209-1	5961422	5692901	5812994	5822439	2.31	cps
Bismuth	209-2	1400206	1401248	1404029	1401827	0.14	cps
Boron	10-1	733	675	525	644	16.68	cps
Boron	11-1	2834	2867	2934	2878	1.77	cps
Cadmium	111-1	7809	8064	7931	7935	1.60	cps
Cadmium	106-1	1984	2067	2067	2039	2.36	cps
Cadmium	108-1	425	592	442	486	18.88	cps
Calcium	43-1	40643	41597	41847	41362	1.54	cps
Calcium	44-1	676711	680574	685051	680779	0.61	cps
Chromium	52-2	403	377	380	387	3.76	cps
Cobalt	59-2	9083	9116	8960	9053	0.91	cps
Copper	63-2	26439	26976	26525	26647	1.08	cps
Dysprosium	156-1	4843	5160	5401	5135	5.46	cps
Dysprosium	156-2	1107	1123	1170	1133	2.90	cps
Erbium	164-1	5060	5335	4876	5090	4.53	cps
Erbium	164-2	970	920	903	931	3.73	cps
Gadolinium	160-1	5418	5443	5985	5615	5.71	cps
Gadolinium	160-2	1453	1443	1487	1461	1.55	cps
Holmium	165-1	8854216	8591323	8763604	8736381	1.53	cps
Holmium	165-2	1703151	1714151	1728948	1715417	0.75	cps
Indium	115-1	6797236	6582537	6746888	6708887	1.67	cps
Indium	115-2	253184	254313	252510	253336	0.36	cps
Iron	56-2	342556	341957	341928	342147	0.10	cps
Iron	57-2	9098	8403	8503	8668	4.33	cps
Krypton	83-1	303	400	323	342	14.91	cps
Lead	206-1	406	367	389	387	5.04	cps
Lead	207-1	356	361	372	363	2.34	cps
Lead	208-1	1583	1739	1567	1630	5.83	cps
Lithium	6-1	1238592	1205242	1244385	1229406	1.72	cps
Magnesium	24-2	21901	21117	21601	21539	1.84	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193280	191925	190503	191903	0.72	cps
Molybdenum	94-1	617	475	542	544	13.02	cps
Molybdenum	95-1	709	283	192	395	69.93	cps
Molybdenum	96-1	408	333	367	369	10.17	cps
Molybdenum	97-1	158	317	183	219	38.79	cps
Molybdenum	98-1	608	442	400	483	22.81	cps
Neodymium	150-1	6368	6689	6642	6566	2.63	cps
Neodymium	150-2	737	833	740	770	7.13	cps
Nickel	60-2	967	1010	1067	1015	4.94	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3150	3117	3100	3123	0.82	cps
Rhodium	103-1	6329921	6155594	6283844	6256453	1.44	cps
Rhodium	103-2	1622334	1610997	1617878	1617070	0.35	cps
Scandium	45-1	4012622	3859628	3950302	3940851	1.95	cps
Scandium	45-2	27267	27236	27163	27222	0.20	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	86	-44	78	40	183.89	cps
Silicon	28-1	548317	550588	552835	550580	0.41	cps
Silver	109-1	142	133	133	136	3.53	cps
Silver	107-1	92	67	125	94	30.99	cps
Sodium	23-2	23462	22318	22469	22750	2.73	cps
Strontium	86-1	17938	18054	17545	17846	1.49	cps
Strontium	88-1	151712	155790	153160	153554	1.35	cps
Sulfur	34-1	477227	480384	481856	479822	0.49	cps
Terbium	159-1	9152921	8757234	8927942	8946033	2.22	cps
Terbium	159-2	1633662	1636236	1614716	1628205	0.72	cps
Thallium	203-1	475	417	367	419	12.93	cps
Thallium	205-1	950	1050	883	961	8.73	cps
Tin	118-1	1150	1275	1108	1178	7.36	cps
Titanium	47-1	142	158	125	142	11.76	cps
Uranium	238-1	7769	8753	7911	8145	6.53	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	7071460	6884774	6953787	6970007	1.35	cps
Yttrium	89-2	190694	192114	191669	191492	0.38	cps
Zinc	66-2	89141	88695	88302	88712	0.47	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:50:06	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1058	958	1017	1011	4.97	cps
Zirconium	91-1	292	192	217	233	22.30	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	398	363	415	392	6.83	cps
Antimony	121-1	525	458	500	494	6.81	cps
Arsenic	75-2	1278	1298	1335	1304	2.23	cps
Barium	135-1	100	50	50	67	43.31	cps
Barium	137-1	133	108	125	122	10.41	cps
Beryllium	9-1	222	161	183	189	16.37	cps
Bismuth	209-1	5256613	5810129	5954554	5673765	6.49	cps
Bismuth	209-2	1418028	1379341	1416669	1404680	1.56	cps
Boron	10-1	633	758	592	661	13.12	cps
Boron	11-1	2425	2534	2400	2453	2.89	cps
Cadmium	111-1	7730	7794	7661	7728	0.87	cps
Cadmium	106-1	1834	1909	1909	1884	2.30	cps
Cadmium	108-1	496	467	479	481	3.04	cps
Calcium	43-1	41830	41128	40109	41022	2.11	cps
Calcium	44-1	681794	679621	680077	680497	0.17	cps
Chromium	52-2	390	370	347	369	5.88	cps
Cobalt	59-2	8910	8936	8940	8929	0.18	cps
Copper	63-2	26736	26609	26849	26731	0.45	cps
Dysprosium	156-1	5251	5293	5151	5232	1.39	cps
Dysprosium	156-2	1223	1113	1257	1198	6.26	cps
Erbium	164-1	5126	5176	5326	5210	2.00	cps
Erbium	164-2	1023	867	947	946	8.29	cps
Gadolinium	160-1	5660	5810	5793	5754	1.43	cps
Gadolinium	160-2	1473	1337	1450	1420	5.15	cps
Holmium	165-1	7959185	8834698	8819424	8537769	5.87	cps
Holmium	165-2	1742944	1695636	1721795	1720125	1.38	cps
Indium	115-1	6092002	6738694	6813455	6548050	6.06	cps
Indium	115-2	258563	251166	254511	254747	1.45	cps
Iron	56-2	341542	343330	342217	342363	0.26	cps
Iron	57-2	8481	8519	8581	8527	0.59	cps
Krypton	83-1	367	333	367	356	5.41	cps
Lead	206-1	350	456	378	394	13.87	cps
Lead	207-1	306	372	356	344	10.07	cps
Lead	208-1	1500	1606	1483	1530	4.33	cps
Lithium	6-1	1102736	1222003	1256654	1193798	6.76	cps
Magnesium	24-2	20791	21559	22627	21659	4.26	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	191578	191100	190760	191146	0.21	cps
Molybdenum	94-1	500	383	358	414	18.27	cps
Molybdenum	95-1	200	225	158	194	17.32	cps
Molybdenum	96-1	367	283	350	333	13.23	cps
Molybdenum	97-1	125	150	150	142	10.19	cps
Molybdenum	98-1	300	342	350	331	8.10	cps
Neodymium	150-1	6562	6208	6308	6360	2.87	cps
Neodymium	150-2	757	803	767	776	3.17	cps
Nickel	60-2	1103	1063	1123	1097	2.79	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3542	3125	3284	3317	6.34	cps
Rhodium	103-1	5704424	6353827	6395379	6151210	6.30	cps
Rhodium	103-2	1630996	1587414	1621786	1613399	1.42	cps
Scandium	45-1	3566114	3961252	4019511	3848959	6.41	cps
Scandium	45-2	27537	27123	27470	27377	0.81	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	9	11	9	32.69	cps
Selenium	82-1	20	88	2	37	122.97	cps
Silicon	28-1	553501	546780	552385	550889	0.65	cps
Silver	109-1	150	133	125	136	9.35	cps
Silver	107-1	117	92	158	122	27.56	cps
Sodium	23-2	22727	22878	22101	22569	1.82	cps
Strontium	86-1	18446	17779	18029	18085	1.86	cps
Strontium	88-1	151449	153580	150860	151963	0.94	cps
Sulfur	34-1	482710	482527	482471	482569	0.03	cps
Terbium	159-1	8091233	8940605	9073238	8701692	6.12	cps
Terbium	159-2	1657719	1615270	1625043	1632677	1.36	cps
Thallium	203-1	333	325	292	317	6.96	cps
Thallium	205-1	1025	742	883	883	16.04	cps
Tin	118-1	1175	1042	1200	1139	7.47	cps
Titanium	47-1	108	75	92	92	18.18	cps
Uranium	238-1	8562	8236	8453	8417	1.97	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	6384753	7043171	7071722	6833215	5.69	cps
Yttrium	89-2	193668	187744	191644	191019	1.58	cps
Zinc	66-2	89449	88523	88902	88958	0.52	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-03DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41D	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 12:53:28	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	842	1050	1045	19.16	cps
Zirconium	91-1	250	225	183	219	15.35	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	73	78	76	3.81	cps
Antimony	121-1	375	375	400	383	3.77	cps
Arsenic	75-2	263	235	257	252	5.84	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	108	58	67	78	34.44	cps
Beryllium	9-1	172	183	161	172	6.45	cps
Bismuth	209-1	5881824	5905810	5885712	5891115	0.22	cps
Bismuth	209-2	1386362	1362404	1414199	1387655	1.87	cps
Boron	10-1	458	508	417	461	9.95	cps
Boron	11-1	2000	2167	2192	2120	4.92	cps
Cadmium	111-1	2297	2404	2293	2331	2.69	cps
Cadmium	106-1	1342	1467	1375	1395	4.64	cps
Cadmium	108-1	67	117	88	90	27.82	cps
Calcium	43-1	8870	9062	8536	8823	3.01	cps
Calcium	44-1	150382	149059	148991	149477	0.52	cps
Chromium	52-2	377	333	343	351	6.46	cps
Cobalt	59-2	1960	1830	1780	1857	5.00	cps
Copper	63-2	5621	5701	5428	5583	2.52	cps
Dysprosium	156-1	1058	1067	1033	1053	1.65	cps
Dysprosium	156-2	223	207	250	227	9.64	cps
Erbium	164-1	950	975	1150	1025	10.63	cps
Erbium	164-2	187	150	220	186	18.87	cps
Gadolinium	160-1	1058	1125	1117	1100	3.30	cps
Gadolinium	160-2	357	250	300	302	17.66	cps
Holmium	165-1	8800157	8748166	8713114	8753813	0.50	cps
Holmium	165-2	1699730	1675726	1738318	1704591	1.85	cps
Indium	115-1	6785662	6783023	6777460	6782048	0.06	cps
Indium	115-2	252171	244535	254047	250251	2.01	cps
Iron	56-2	69506	69250	68389	69048	0.85	cps
Iron	57-2	1667	1878	1817	1787	6.08	cps
Krypton	83-1	347	400	357	368	7.71	cps
Lead	206-1	383	472	356	404	15.10	cps
Lead	207-1	356	306	328	330	7.60	cps
Lead	208-1	1433	1617	1522	1524	6.02	cps
Lithium	6-1	1224794	1225755	1221209	1223920	0.20	cps
Magnesium	24-2	4793	4543	4593	4643	2.85	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38837	37774	38493	38368	1.41	cps
Molybdenum	94-1	467	383	517	456	14.79	cps
Molybdenum	95-1	258	242	150	217	26.92	cps
Molybdenum	96-1	317	250	267	278	12.49	cps
Molybdenum	97-1	75	150	117	114	33.00	cps
Molybdenum	98-1	267	250	358	292	20.00	cps
Neodymium	150-1	1307	1267	1207	1260	3.99	cps
Neodymium	150-2	163	150	160	158	4.40	cps
Nickel	60-2	410	313	333	352	14.49	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2175	2300	2625	2367	9.82	cps
Rhodium	103-1	6298731	6323846	6269907	6297495	0.43	cps
Rhodium	103-2	1574338	1573715	1618962	1589005	1.63	cps
Scandium	45-1	4008927	3942519	3938237	3963228	1.00	cps
Scandium	45-2	27183	26569	27801	27184	2.27	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	0	-75	6	-23	-198.31	cps
Silicon	28-1	353968	353138	351335	352813	0.38	cps
Silver	109-1	83	142	142	122	27.55	cps
Silver	107-1	117	175	158	150	20.03	cps
Sodium	23-2	10129	10654	10338	10374	2.55	cps
Strontium	86-1	3992	3767	4159	3973	4.95	cps
Strontium	88-1	31805	30326	30460	30864	2.65	cps
Sulfur	34-1	382348	381667	382848	382288	0.16	cps
Terbium	159-1	9023918	8976253	8886892	8962354	0.78	cps
Terbium	159-2	1587358	1595129	1632291	1604926	1.50	cps
Thallium	203-1	350	333	233	306	20.65	cps
Thallium	205-1	667	700	633	667	5.00	cps
Tin	118-1	1175	975	1025	1058	9.83	cps
Titanium	47-1	133	167	150	150	11.11	cps
Uranium	238-1	1534	1959	1667	1720	12.64	cps
Vanadium	51-2	10	17	3	10	66.70	cps
Yttrium	89-1	7001340	6943917	6890797	6945351	0.80	cps
Yttrium	89-2	188085	184077	189146	187103	1.43	cps
Zinc	66-2	17144	18122	18082	17783	3.11	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-02LDL4X1000	Instrumnet Name :	P8
Client Sample ID :	MH0B41L	Dilution Factor :	1000
Date & Time Acquired ::	2018-08-23 12:56:51	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	667	792	700	719	9.00	cps
Zirconium	91-1	150	158	183	164	10.58	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	385	425	395	6.70	cps
Antimony	121-1	4434	4243	3809	4162	7.70	cps
Arsenic	75-2	1430	1343	1300	1357	4.87	cps
Barium	135-1	15894	16211	15568	15891	2.02	cps
Barium	137-1	28264	27930	27571	27922	1.24	cps
Beryllium	9-1	517	489	439	482	8.19	cps
Bismuth	209-1	5949894	5828329	5948411	5908878	1.18	cps
Bismuth	209-2	1400218	1400970	1417732	1406307	0.70	cps
Boron	10-1	433	483	417	444	7.81	cps
Boron	11-1	2275	1959	2134	2122	7.47	cps
Cadmium	111-1	7999	8052	7853	7968	1.29	cps
Cadmium	106-1	1950	2025	1825	1934	5.23	cps
Cadmium	108-1	538	538	496	524	4.60	cps
Calcium	43-1	40769	40367	40000	40379	0.95	cps
Calcium	44-1	673846	670910	667656	670804	0.46	cps
Chromium	52-2	1020	1020	913	984	6.26	cps
Cobalt	59-2	12349	12486	12172	12336	1.27	cps
Copper	63-2	27731	27254	27902	27629	1.22	cps
Dysprosium	156-1	5035	5135	4985	5051	1.51	cps
Dysprosium	156-2	1157	1250	1147	1185	4.81	cps
Erbium	164-1	4809	5051	4693	4851	3.77	cps
Erbium	164-2	1053	967	910	977	7.39	cps
Gadolinium	160-1	5560	5435	5151	5382	3.89	cps
Gadolinium	160-2	1417	1337	1510	1421	6.11	cps
Holmium	165-1	8787277	8663614	8828682	8759858	0.98	cps
Holmium	165-2	1731483	1714775	1727715	1724658	0.51	cps
Indium	115-1	6832980	6705736	6687905	6742207	1.17	cps
Indium	115-2	252645	256651	254678	254658	0.79	cps
Iron	56-2	339407	340625	339203	339745	0.23	cps
Iron	57-2	8514	8636	8475	8542	0.98	cps
Krypton	83-1	340	383	317	347	9.76	cps
Lead	206-1	839	850	767	819	5.53	cps
Lead	207-1	867	778	706	783	10.30	cps
Lead	208-1	3639	3656	3161	3486	8.06	cps
Lithium	6-1	1222489	1217578	1212584	1217550	0.41	cps
Magnesium	24-2	20833	22085	21817	21578	3.06	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188669	190485	187969	189041	0.69	cps
Molybdenum	94-1	383	467	400	417	10.58	cps
Molybdenum	95-1	225	167	225	206	16.38	cps
Molybdenum	96-1	308	250	183	247	25.30	cps
Molybdenum	97-1	83	100	117	100	16.66	cps
Molybdenum	98-1	217	225	175	206	13.03	cps
Neodymium	150-1	6709	6348	6849	6635	3.89	cps
Neodymium	150-2	670	693	790	718	8.86	cps
Nickel	60-2	2197	2074	2290	2187	4.97	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3317	3109	3276	3234	3.41	cps
Rhodium	103-1	6319094	6190719	6289753	6266522	1.07	cps
Rhodium	103-2	1602581	1607277	1620806	1610221	0.59	cps
Scandium	45-1	4001646	3899350	3929100	3943365	1.33	cps
Scandium	45-2	27594	27534	27350	27493	0.46	cps
Selenium	77-2	3	17	3	8	99.04	cps
Selenium	78-2	13	9	9	10	20.36	cps
Selenium	82-1	97	38	85	73	42.85	cps
Silicon	28-1	550038	544176	543935	546050	0.63	cps
Silver	109-1	1817	1900	2025	1914	5.48	cps
Silver	107-1	2292	1934	2034	2086	8.86	cps
Sodium	23-2	21701	22076	21242	21673	1.93	cps
Strontium	86-1	17871	17679	17996	17848	0.89	cps
Strontium	88-1	151196	149412	148199	149602	1.01	cps
Sulfur	34-1	479208	481337	480810	480451	0.23	cps
Terbium	159-1	8989989	8918759	8847711	8918820	0.80	cps
Terbium	159-2	1631067	1637863	1634234	1634388	0.21	cps
Thallium	203-1	2059	2000	1992	2017	1.80	cps
Thallium	205-1	4676	4584	4601	4621	1.06	cps
Tin	118-1	1150	1058	992	1067	7.45	cps
Titanium	47-1	192	117	108	139	33.05	cps
Uranium	238-1	8612	8003	7886	8167	4.77	cps
Vanadium	51-2	1180	1180	1087	1149	4.69	cps
Yttrium	89-1	7018709	6891186	6982037	6963977	0.94	cps
Yttrium	89-2	191130	193422	192345	192299	0.60	cps
Zinc	66-2	87940	87192	87708	87613	0.44	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	J4577-04DL4X200	Instrumnet Name :	P8
Client Sample ID :	MH0B41S	Dilution Factor :	200
Date & Time Acquired ::	2018-08-23 13:00:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	950	808	875	878	8.07	cps
Zirconium	91-1	158	192	183	178	9.76	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239716	241576	240683	240659	0.39	cps
Antimony	121-1	3810059	3833864	3804002	3815975	0.41	cps
Arsenic	75-2	36091	35774	36481	36116	0.98	cps
Barium	135-1	4015729	4022567	4005630	4014642	0.21	cps
Barium	137-1	7081044	7072145	7089827	7081005	0.12	cps
Beryllium	9-1	526479	522404	523300	524061	0.41	cps
Bismuth	209-1	5574177	5615765	5526606	5572183	0.80	cps
Bismuth	209-2	1312553	1307979	1324587	1315039	0.65	cps
Boron	10-1	60153	60779	62687	61206	2.16	cps
Boron	11-1	276600	282866	286083	281850	1.71	cps
Cadmium	111-1	780986	779404	782876	781089	0.22	cps
Cadmium	106-1	81748	82309	82385	82147	0.42	cps
Cadmium	108-1	56564	55422	55778	55921	1.04	cps
Calcium	43-1	4073323	4047702	4025475	4048833	0.59	cps
Calcium	44-1	66083235	66277870	65977674	66112926	0.23	cps
Chromium	52-2	312557	312566	311690	312271	0.16	cps
Cobalt	59-2	655165	654450	659223	656280	0.39	cps
Copper	63-2	1097950	1090322	1090805	1093026	0.39	cps
Dysprosium	156-1	100	75	58	78	26.96	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	67	17	50	44	57.28	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	50	25	92	56	60.62	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	8700353	8738332	8622491	8687059	0.68	cps
Holmium	165-2	1673535	1683481	1699788	1685601	0.79	cps
Indium	115-1	6409383	6413901	6262067	6361784	1.36	cps
Indium	115-2	237332	236207	236746	236762	0.24	cps
Iron	56-2	50484458	50518326	50453750	50485511	0.06	cps
Iron	57-2	1263310	1261876	1264941	1263376	0.12	cps
Krypton	83-1	357	370	317	348	7.98	cps
Lead	206-1	2589697	2599619	2607469	2598928	0.34	cps
Lead	207-1	2370960	2390253	2412834	2391349	0.88	cps
Lead	208-1	10586076	10706094	10673417	10655196	0.58	cps
Lithium	6-1	1204250	1201006	1175654	1193637	1.31	cps
Magnesium	24-2	5453143	5446774	5479055	5459657	0.31	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	165659	168390	166532	166860	0.84	cps
Molybdenum	94-1	6336533	6386164	6358390	6360362	0.39	cps
Molybdenum	95-1	7776894	7848581	7726753	7784076	0.79	cps
Molybdenum	96-1	8628856	8711397	8671402	8670552	0.48	cps
Molybdenum	97-1	4978524	4988705	4930727	4965985	0.62	cps
Molybdenum	98-1	12524546	12513481	12565057	12534361	0.22	cps
Neodymium	150-1	220	207	147	191	20.44	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	194478	192199	194602	193760	0.70	cps
Phosphorus	31-2	2809	3159	2950	2973	5.92	cps
Potassium	39-2	1414021	1421107	1422808	1419312	0.33	cps
Rhodium	103-1	5783540	5801980	5728826	5771449	0.66	cps
Rhodium	103-2	1447701	1432571	1444025	1441432	0.55	cps
Scandium	45-1	3839456	3864081	3740037	3814525	1.72	cps
Scandium	45-2	26432	26215	26675	26441	0.87	cps
Selenium	77-2	267	220	223	237	11.00	cps
Selenium	78-2	794	785	759	780	2.34	cps
Selenium	82-1	49598	49156	49420	49391	0.45	cps
Silicon	28-1	1970580	2007881	1998127	1992196	0.97	cps
Silver	109-1	3748584	3704877	3715588	3723016	0.61	cps
Silver	107-1	3879579	3859673	3854399	3864550	0.34	cps
Sodium	23-2	12600178	12668884	12681386	12650149	0.35	cps
Strontium	86-1	976547	972226	971193	973322	0.29	cps
Strontium	88-1	8511449	8506111	8435697	8484419	0.50	cps
Sulfur	34-1	596216	587091	592650	591985	0.78	cps
Terbium	159-1	8914645	8973879	8808434	8898986	0.94	cps
Terbium	159-2	1590137	1597692	1586881	1591570	0.35	cps
Thallium	203-1	3207410	3218940	3203749	3210033	0.25	cps
Thallium	205-1	7513888	7503192	7500937	7506006	0.09	cps
Tin	118-1	2598290	2626735	2617520	2614182	0.56	cps
Titanium	47-1	2110333	2101379	2101218	2104310	0.25	cps
Uranium	238-1	10474429	10564075	10558401	10532301	0.48	cps
Vanadium	51-2	226829	224705	227997	226510	0.74	cps
Yttrium	89-1	6741581	6738453	6649098	6709710	0.78	cps
Yttrium	89-2	181404	181100	182740	181748	0.48	cps
Zinc	66-2	97258	98302	97640	97733	0.54	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P8
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:09:30	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5391917	5388939	5348951	5376602	0.45	cps
Zirconium	91-1	1172668	1181457	1178042	1177389	0.38	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	18	13	17	22.93	cps
Antimony	121-1	3634	3667	4092	3798	6.73	cps
Arsenic	75-2	2	7	2	4	86.68	cps
Barium	135-1	92	75	92	86	11.18	cps
Barium	137-1	142	117	117	125	11.55	cps
Beryllium	9-1	239	189	278	235	18.95	cps
Bismuth	209-1	5844470	5954842	5778516	5859276	1.52	cps
Bismuth	209-2	1373260	1380602	1364268	1372710	0.60	cps
Boron	10-1	1483	1350	1167	1333	11.92	cps
Boron	11-1	6185	6010	5576	5924	5.29	cps
Cadmium	111-1	945	933	785	888	10.03	cps
Cadmium	106-1	1300	1308	1100	1236	9.54	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	433	508	392	444	13.30	cps
Calcium	44-1	16260	16452	15451	16054	3.31	cps
Chromium	52-2	363	373	363	367	1.57	cps
Cobalt	59-2	50	60	50	53	10.83	cps
Copper	63-2	460	427	463	450	4.51	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8695610	8721175	8635623	8684136	0.51	cps
Holmium	165-2	1678235	1671470	1682042	1677249	0.32	cps
Indium	115-1	6746347	6744905	6598716	6696656	1.27	cps
Indium	115-2	249465	246706	245868	247346	0.76	cps
Iron	56-2	2134	1834	2011	1993	7.57	cps
Iron	57-2	50	67	50	56	17.32	cps
Krypton	83-1	420	377	370	389	6.98	cps
Lead	206-1	317	439	333	363	18.26	cps
Lead	207-1	328	328	383	346	9.26	cps
Lead	208-1	1611	1667	1633	1637	1.71	cps
Lithium	6-1	1221447	1241346	1245254	1236016	1.03	cps
Magnesium	24-2	317	342	367	342	7.32	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	123	113	122	6.86	cps
Molybdenum	94-1	1609	1550	1467	1542	4.62	cps
Molybdenum	95-1	1308	1317	1117	1247	9.07	cps
Molybdenum	96-1	1492	1542	1408	1481	4.55	cps
Molybdenum	97-1	942	675	775	797	16.90	cps
Molybdenum	98-1	2225	2292	1909	2142	9.56	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	207	277	237	15.23	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2600	2134	2584	2439	10.86	cps
Rhodium	103-1	6238274	6245857	6133444	6205858	1.01	cps
Rhodium	103-2	1588104	1577039	1566780	1577308	0.68	cps
Scandium	45-1	3929815	3919794	3842053	3897221	1.23	cps
Scandium	45-2	26288	25974	26345	26202	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-74	-37	-49	-54	-35.47	cps
Silicon	28-1	299527	298582	298529	298879	0.19	cps
Silver	109-1	125	58	142	108	40.70	cps
Silver	107-1	242	150	225	206	23.75	cps
Sodium	23-2	8670	8528	8178	8458	2.99	cps
Strontium	86-1	558	508	642	569	11.83	cps
Strontium	88-1	258	192	200	217	16.77	cps
Sulfur	34-1	350664	350321	348117	349701	0.40	cps
Terbium	159-1	8959444	8959035	8901757	8940079	0.37	cps
Terbium	159-2	1590113	1597615	1599283	1595670	0.31	cps
Thallium	203-1	625	800	783	736	13.12	cps
Thallium	205-1	1725	1984	1800	1836	7.24	cps
Tin	118-1	2150	1867	1884	1967	8.09	cps
Titanium	47-1	175	108	100	128	32.17	cps
Uranium	238-1	150	167	150	156	6.19	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	6787852	6869396	6748741	6801996	0.91	cps
Yttrium	89-2	183536	183008	182880	183141	0.19	cps
Zinc	66-2	2457	2370	2350	2392	2.37	cps

LB Number :	LB97510	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P8
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2018-08-23 13:14:33	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1942	1984	1825	1917	4.28	cps
Zirconium	91-1	492	467	442	467	5.36	cps