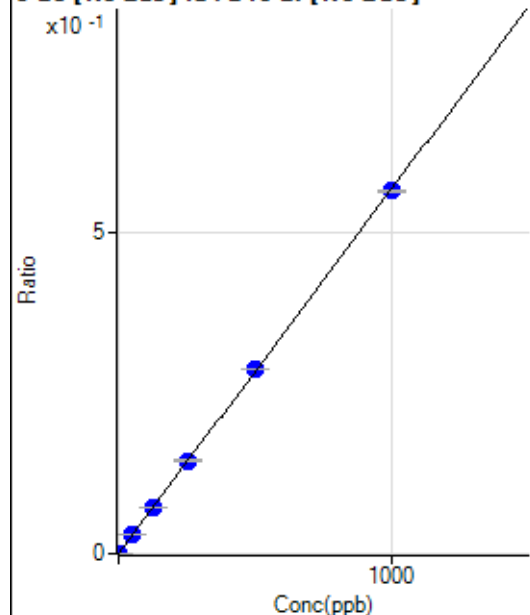


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8123020MS.b\
Analysis File: P8123020MS.batch.bin
DA Date-Time: 2020-12-31 01:01:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-30 13:24:42
2	004CALS.d	S02	2020-12-30 13:27:54
3	005CALS.d	S03	2020-12-30 13:31:03
4	006CALS.d	S04	2020-12-30 13:34:13
5	007CALS.d	S05	2020-12-30 13:37:18
6	008CALS.d	S06	2020-12-30 13:40:18
7	009CALS.d	S07	2020-12-30 13:43:17
8	010CALS.d	S08	2020-12-30 13:46:17

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.98	0.0001	P	7.5
2	☐	1.000	0.973	834.53	0.0006	P	8.2
3	☐	50.000	51.545	38614.55	0.0294	P	3.0
4	☐	125.000	128.435	97210.34	0.0732	P	0.7
5	☐	250.000	255.377	200554.66	0.1454	P	1.2
6	☐	500.000	506.255	390851.55	0.2882	P	1.0
7	☐	1000.000	995.022	789297.27	0.5664	P	0.4
8	☐			536.57	0.0004	P	12.6

$$y = 5.6914\text{E-}004 * x + 8.0255\text{E-}005$$

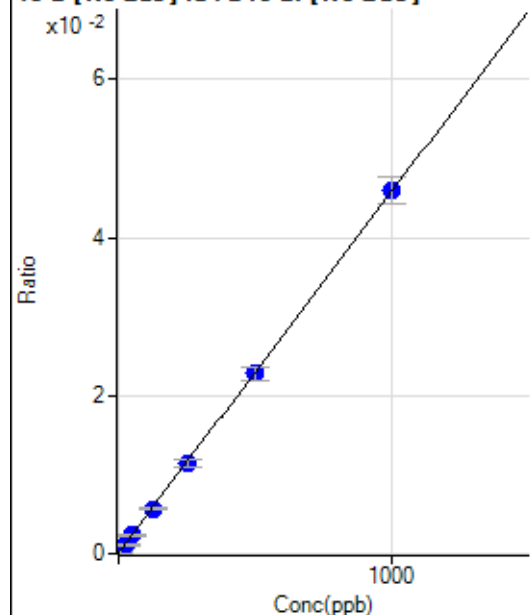
$$R = 1.0000$$

$$DL = 0.0318$$

$$BEC = 0.141$$

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	154.64	0.0001	P	10.2
2	☐	25.000	21.774	1465.79	0.0011	P	11.0
3	☐	50.000	49.272	3105.73	0.0024	P	11.7
4	☐	125.000	121.991	7558.47	0.0057	P	7.3
5	☐	250.000	247.657	15759.34	0.0114	P	7.3
6	☐	500.000	496.308	30886.93	0.0228	P	8.1
7	☐	1000.000	1002.925	64002.07	0.0459	P	7.3
8	☐			9151.72	0.0069	P	8.1

$$y = 4.5658\text{E-}005 * x + 1.1961\text{E-}004$$

$$R = 1.0000$$

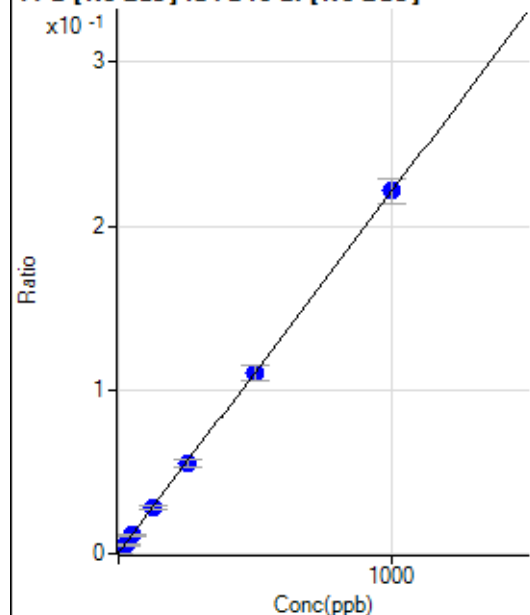
$$DL = 0.799$$

$$BEC = 2.62$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	721.21	0.0006	P	6.4
2	☐	25.000	22.223	7185.02	0.0055	P	8.2
3	☐	50.000	49.891	15150.82	0.0116	P	11.3
4	☐	125.000	124.309	37156.12	0.0280	P	7.1
5	☐	250.000	248.962	76482.19	0.0555	P	8.7
6	☐	500.000	497.106	149384.38	0.1102	P	8.1
7	☐	1000.000	1001.868	308730.22	0.2215	P	6.8
8	☐			44077.23	0.0330	P	9.2

$$y = 2.2050\text{E-}004 * x + 5.5753\text{E-}004$$

$$R = 1.0000$$

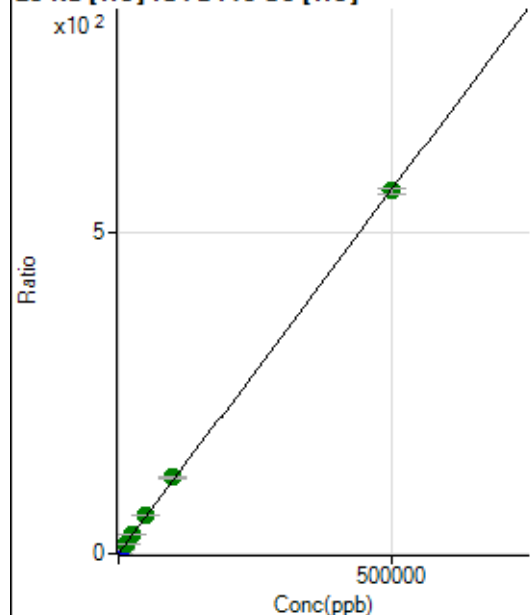
$$DL = 0.4888$$

$$BEC = 2.528$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34728.12	0.3361	P	4.4
2	☐	500.000	516.564	97672.90	0.9220	P	0.4
3	☐	5000.000	5423.362	700221.14	6.4875	P	0.8
4	☐	12500.000	13334.107	1668162.33	15.4603	A	1.2
5	☐	25000.000	26898.213	3413396.74	30.8454	A	0.9
6	☐	50000.000	53010.471	6681660.70	60.4632	A	1.6
7	☐	100000.00	104879.59	13465748.91	119.2958	A	3.5
8	☐	500000.00	498603.02	60520028.44	565.8767	A	1.3

$$y = 0.0011 * x + 0.3361$$

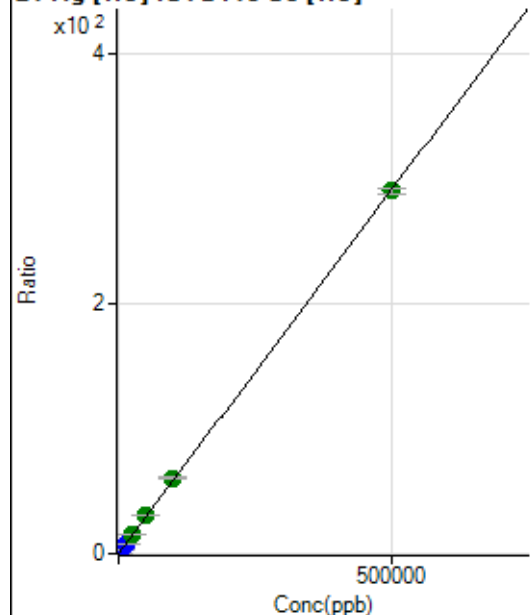
$$R = 0.9999$$

$$DL = 39.25$$

$$BEC = 296.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	825.05	0.0080	P	0.8
2	☐	500.000	519.888	32859.82	0.3102	P	1.3
3	☐	5000.000	5463.805	343669.89	3.1841	P	1.2
4	☐	12500.000	13564.998	851718.71	7.8934	P	0.6
5	☐	25000.000	27172.537	1748836.63	15.8035	A	1.2
6	☐	50000.000	53304.095	3425008.72	30.9938	A	1.8
7	☐	100000.00	104062.55	6827999.80	60.4999	A	4.2
8	☐	500000.00	498717.17	31005989.23	289.9140	A	1.5

$$y = 5.8130E-004 * x + 0.0080$$

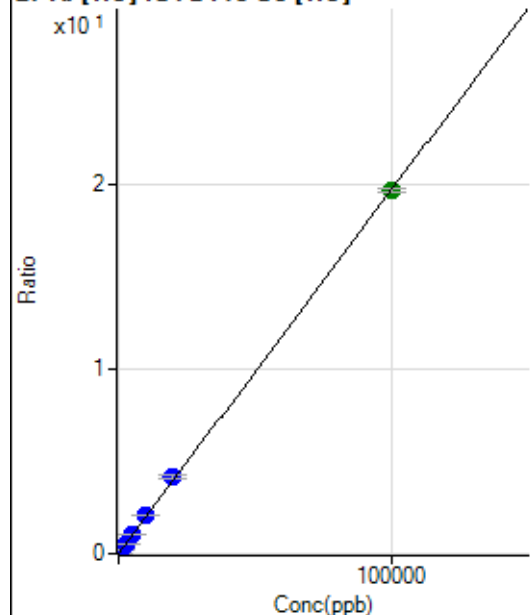
$$R = 1.0000$$

$$DL = 0.3158$$

$$BEC = 13.72$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	427.87	0.0041	P	3.2
2	☐	20.000	18.303	820.76	0.0077	P	4.6
3	☐	1000.000	1056.794	22961.82	0.2127	P	1.4
4	☐	2500.000	2677.178	57468.51	0.5326	P	0.7
5	☐	5000.000	5357.826	117497.31	1.0618	P	0.8
6	☐	10000.000	10652.537	232824.09	2.1069	P	1.8
7	☐	20000.000	21028.339	468916.02	4.1551	P	4.3
8	☐	100000.00	99706.190	2105410.21	19.6858	A	1.0

$$y = 1.9740E-004 * x + 0.0041$$

$$R = 0.9999$$

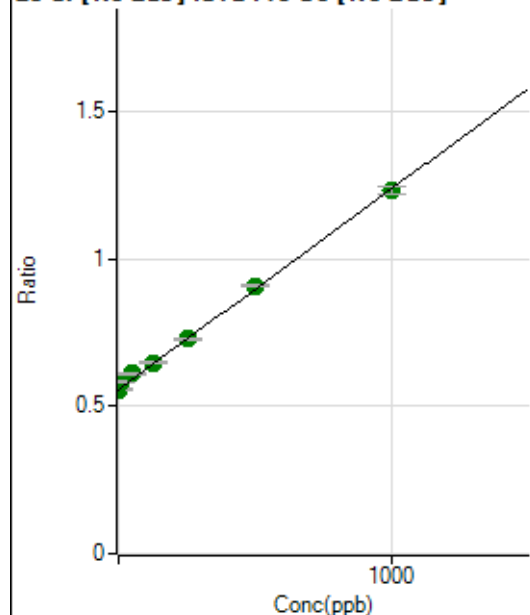
$$DL = 2.025$$

$$BEC = 20.95$$

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	1422253.10	0.5587	A	0.8
2	☐	10.000	36.177	1450122.01	0.5833	A	0.6
3	☐	50.000	77.322	1535905.95	0.6114	A	1.4
4	☐	125.000	132.063	1673814.37	0.6487	A	0.9
5	☐	250.000	252.641	1937075.28	0.7309	A	0.7
6	☐	500.000	515.793	2383662.94	0.9103	A	0.6
7	☐	1000.000	988.933	3360906.13	1.2328	A	2.0
8	☐			1582931.63	0.6133	A	1.7

$$y = 6.8165E-004 * x + 0.5587$$

R = 0.9995

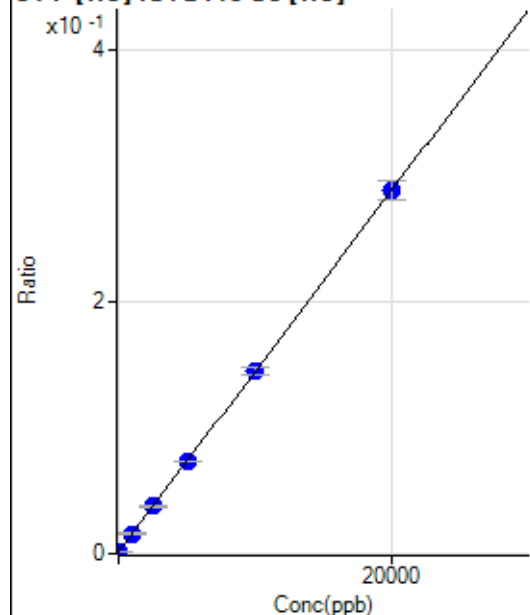
DL = 18.68

BEC = 819.6

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	-13.547	144.45	0.0014	P	26.1
2	☐	0.000	13.547	188.90	0.0018	P	24.7
3	☐	1000.000	974.401	1677.92	0.0155	P	9.7
4	☐	2500.000	2514.853	4056.21	0.0376	P	4.2
5	☐	5000.000	5018.757	8127.48	0.0734	P	1.2
6	☐	10000.000	10007.329	16014.75	0.1449	P	4.1
7	☐	20000.000	19991.070	32473.15	0.2878	P	5.4
8	☐			194.45	0.0018	P	36.2

$$y = 1.4318E-005 * x + 0.0016$$

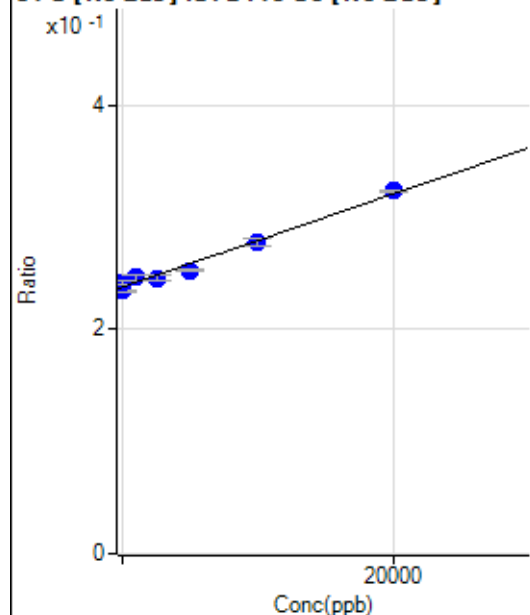
R = 1.0000

DL = 84.32

BEC = 110.9

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-897.319	596897.33	0.2345	P	0.7
2	☐	0.000	897.319	601265.76	0.2419	P	0.7
3	☐	1000.000	1945.460	618486.66	0.2462	P	2.2
4	☐	2500.000	1824.424	633964.42	0.2457	P	1.9
5	☐	5000.000	3570.977	670390.33	0.2529	P	0.6
6	☐	10000.000	9465.623	726091.13	0.2773	P	2.3
7	☐	20000.000	20661.618	882231.23	0.3236	P	0.5
8	☐			577206.79	0.2236	P	1.1

$$y = 4.1360\text{E-}006 * x + 0.2382$$

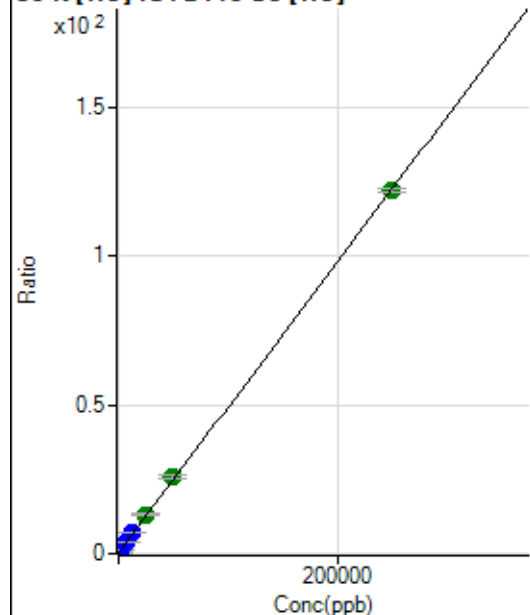
$$R = 0.9919$$

$$DL = 1247$$

$$BEC = 5.759\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31203.95	0.3019	P	4.1
2	☐	500.000	500.920	57838.29	0.5460	P	1.4
3	☐	2500.000	2662.890	172620.45	1.5993	P	1.0
4	☐	6250.000	6719.312	385803.16	3.5755	P	0.3
5	☐	12500.000	13529.858	762864.35	6.8935	P	0.6
6	☐	25000.000	26441.723	1456892.96	13.1841	A	1.9
7	☐	50000.000	52570.928	2924673.61	25.9140	A	4.1
8	☐	250000.00	249276.78	13021183.54	121.7471	A	1.0

$$y = 4.8719\text{E-}004 * x + 0.3019$$

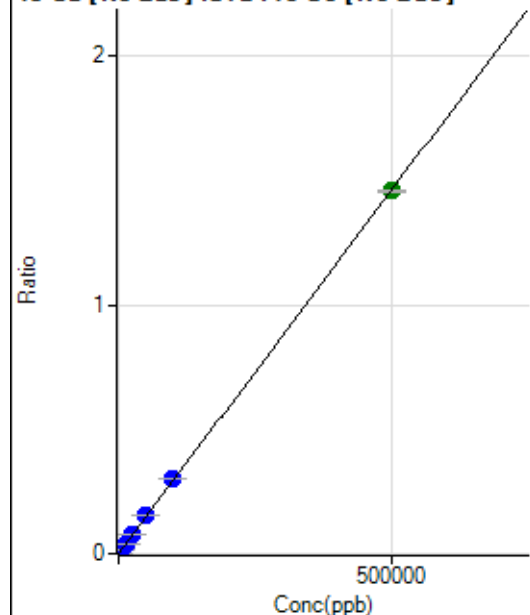
$$R = 0.9999$$

$$DL = 76.8$$

$$BEC = 619.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.47	0.0001	P	6.5
2	☐	500.000	518.043	3993.82	0.0016	P	1.9
3	☐	5000.000	5372.966	39665.07	0.0158	P	2.4
4	☐	12500.000	13017.193	98369.00	0.0381	P	1.7
5	☐	25000.000	26293.247	203853.19	0.0769	P	0.7
6	☐	50000.000	52681.732	403292.32	0.1540	P	0.7
7	☐	100000.00	102562.41	817121.03	0.2997	P	1.0
8	☐	500000.00	499138.00	3764431.67	1.4584	A	0.8

$$y = 2.9216\text{E-}006 * x + 9.3267\text{E-}005$$

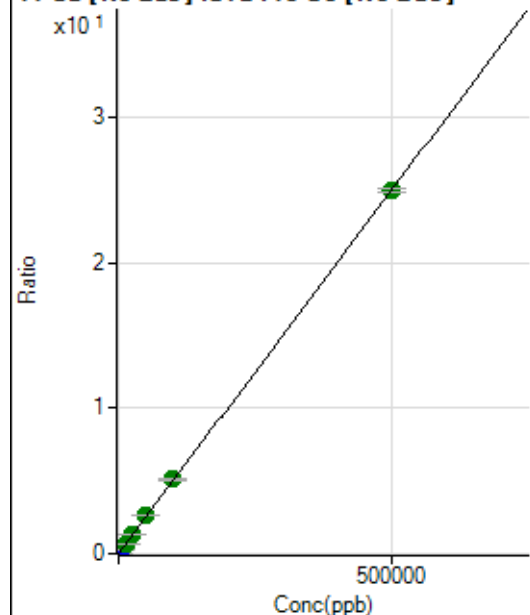
$$R = 1.0000$$

$$DL = 6.179$$

$$BEC = 31.92$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17843.18	0.0070	P	0.9
2	☐	500.000	515.571	81348.56	0.0327	P	0.8
3	☐	5000.000	5353.268	688338.80	0.2740	P	2.6
4	☐	12500.000	13191.693	1715811.95	0.6650	A	1.9
5	☐	25000.000	26588.069	3533610.49	1.3333	A	1.4
6	☐	50000.000	52477.835	6873189.25	2.6247	A	0.7
7	☐	100000.00	101911.72	13876762.20	5.0905	A	1.2
8	☐	500000.00	499269.62	64300241.33	24.9113	A	1.2

$$y = 4.9881\text{E-}005 * x + 0.0070$$

$$R = 1.0000$$

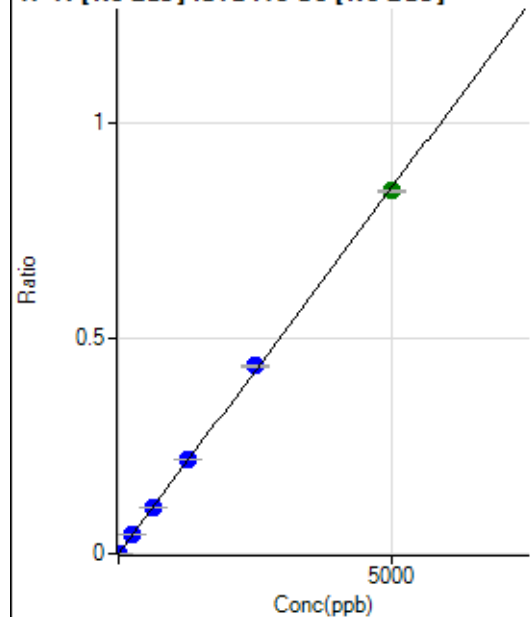
$$DL = 3.93$$

$$BEC = 140.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	313.90	0.0001	P	19.5
2	☐	5.000	5.235	2514.18	0.0010	P	1.7
3	☐	250.000	257.084	109886.57	0.0437	P	1.2
4	☐	625.000	635.292	278442.07	0.1079	P	1.0
5	☐	1250.000	1274.842	573571.72	0.2164	P	0.0
6	☐	2500.000	2565.382	1140056.11	0.4354	P	0.6
7	☐	5000.000	4959.458	2294047.01	0.8415	A	0.7
8	☐			763.93	0.0003	P	33.8

$$y = 1.6965\text{E-}004 * x + 1.2334\text{E-}004$$

$$R = 0.9999$$

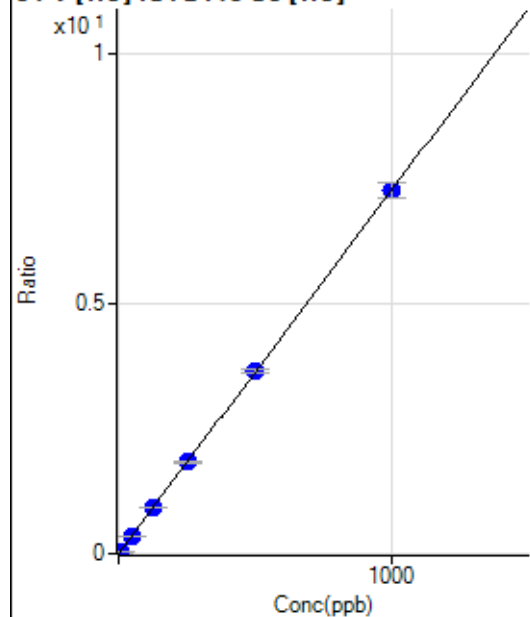
$$DL = 0.4244$$

$$BEC = 0.727$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0001	P	58.5
2	☐	5.000	4.907	3781.65	0.0357	P	3.7
3	☐	50.000	49.642	38882.75	0.3603	P	1.0
4	☐	125.000	125.112	97952.07	0.9078	P	0.1
5	☐	250.000	252.344	202603.96	1.8309	P	1.0
6	☐	500.000	501.836	402346.13	3.6409	P	1.6
7	☐	1000.000	998.500	817585.53	7.2442	P	4.1
8	☐			80.00	0.0007	P	19.0

$$y = 0.0073 * x + 9.7024\text{E-}005$$

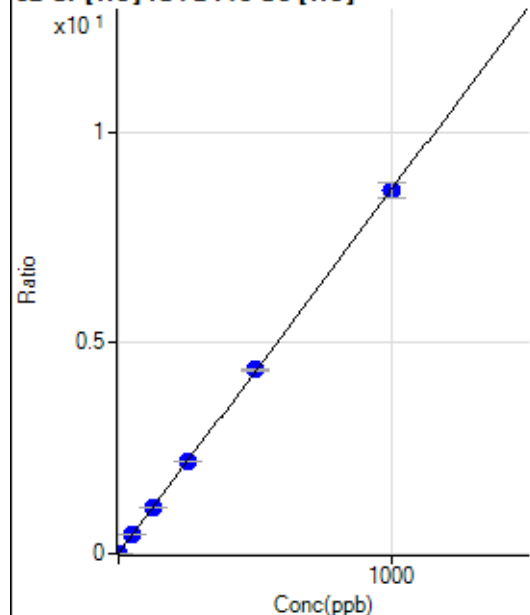
$$R = 1.0000$$

$$DL = 0.02346$$

$$BEC = 0.01337$$

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	605.57	0.0059	P	8.5
2	☐	2.000	1.876	2337.99	0.0221	P	2.5
3	☐	50.000	50.867	48039.16	0.4451	P	1.0
4	☐	125.000	125.329	117403.64	1.0881	P	1.0
5	☐	250.000	254.409	243751.26	2.2027	P	0.5
6	☐	500.000	504.731	482270.86	4.3641	P	1.4
7	☐	1000.000	996.448	971678.45	8.6100	P	4.3
8	☐			3726.07	0.0348	P	1.1

$$y = 0.0086 * x + 0.0059$$

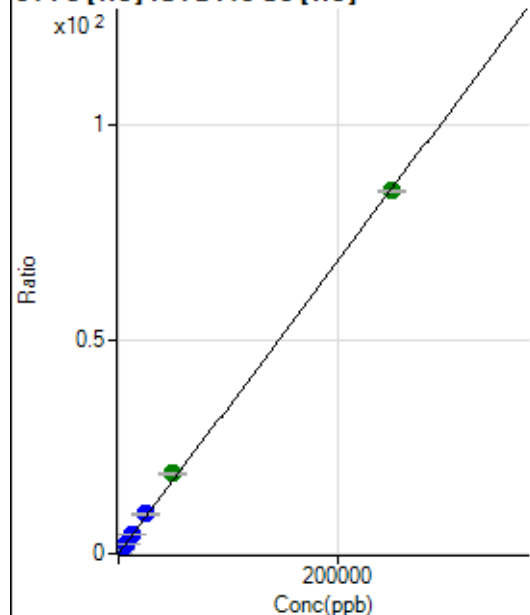
$$R = 1.0000$$

$$DL = 0.174$$

$$BEC = 0.6793$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	403.72	0.0039	P	9.9
2	☐	50.000	55.749	2424.32	0.0229	P	4.6
3	☐	2500.000	2724.986	100507.80	0.9312	P	0.8
4	☐	6250.000	6867.067	252563.30	2.3407	P	0.4
5	☐	12500.000	13705.355	516522.82	4.6677	P	1.5
6	☐	25000.000	27077.292	1018635.58	9.2180	P	1.7
7	☐	50000.000	54717.511	2102186.87	18.6236	A	3.5
8	☐	250000.00	248770.82	9054310.74	84.6574	A	0.5

$$y = 3.4029E-004 * x + 0.0039$$

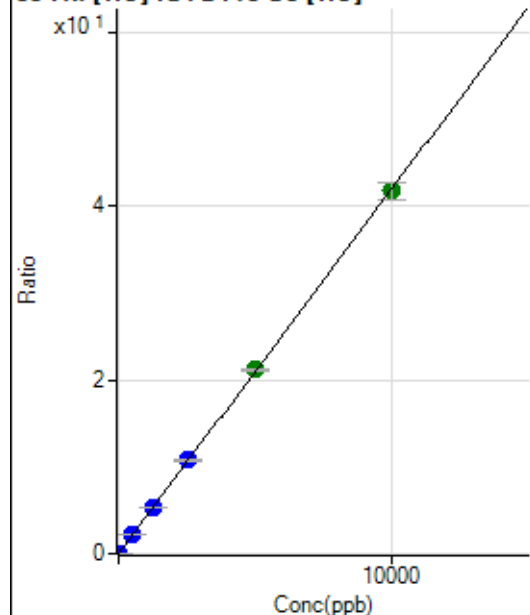
$$R = 0.9998$$

$$DL = 3.43$$

$$BEC = 11.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.33	0.0012	P	6.5
2	☐	1.000	0.974	560.02	0.0053	P	10.8
3	☐	500.000	508.536	230592.90	2.1364	P	0.4
4	☐	1250.000	1270.327	575655.23	5.3349	P	0.4
5	☐	2500.000	2566.030	1192428.21	10.7752	P	0.6
6	☐	5000.000	5049.045	2342945.42	21.2007	A	0.9
7	☐	10000.000	9956.002	4717361.88	41.8036	A	4.7
8	☐			2287.98	0.0214	P	4.8

$$y = 0.0042 * x + 0.0012$$

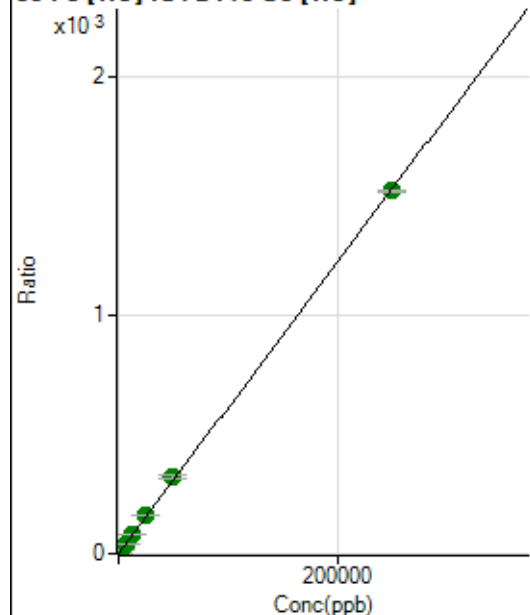
$$R = 1.0000$$

$$DL = 0.05511$$

$$BEC = 0.2843$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3048.53	0.0295	P	6.4
2	☐	50.000	53.449	37739.04	0.3562	P	1.0
3	☐	2500.000	2741.068	1811834.85	16.7864	A	1.5
4	☐	6250.000	6785.142	4478863.84	41.5090	A	0.6
5	☐	12500.000	13441.139	9096322.54	82.1991	A	0.6
6	☐	25000.000	26601.153	17974922.39	162.6501	A	0.7
7	☐	50000.000	52741.381	36389709.15	322.4530	A	4.4
8	☐	250000.00	249228.76	162959027.7	1523.637	A	0.7

$$y = 0.0061 * x + 0.0295$$

$$R = 0.9999$$

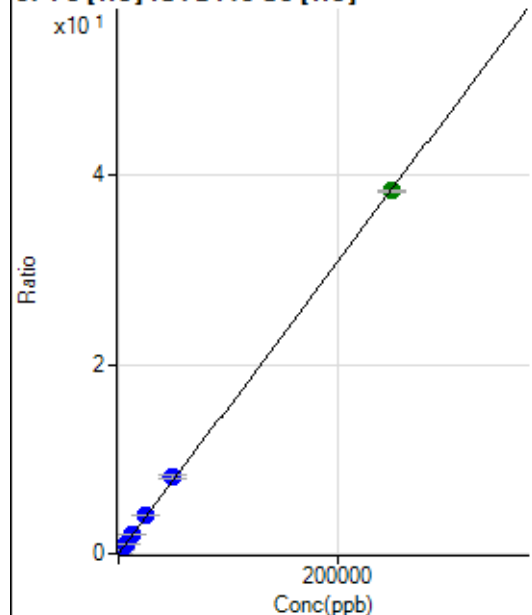
$$DL = 0.9267$$

$$BEC = 4.824$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.86	0.0010	P	19.3
2	☐	50.000	53.110	970.42	0.0092	P	3.9
3	☐	2500.000	2682.832	44703.42	0.4142	P	1.9
4	☐	6250.000	6714.321	111690.79	1.0351	P	0.3
5	☐	12500.000	13518.564	230516.56	2.0831	P	0.9
6	☐	25000.000	26742.208	455283.52	4.1198	P	0.8
7	☐	50000.000	52601.601	914277.59	8.1026	P	5.0
8	☐	250000.00	249241.09	4105801.28	38.3886	A	0.4

$$y = 1.5402\text{E-}004 * x + 9.8083\text{E-}004$$

$$R = 0.9999$$

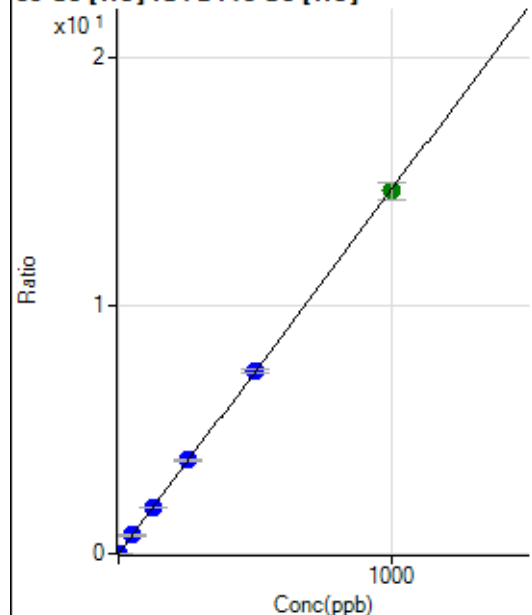
$$DL = 3.684$$

$$BEC = 6.368$$

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	64.44	0.0006	P	4.0
2	☐	1.000	0.969	1570.10	0.0148	P	7.3
3	☐	50.000	50.283	79586.25	0.7374	P	1.6
4	☐	125.000	127.837	202175.69	1.8737	P	0.9
5	☐	250.000	256.330	415693.15	3.7564	P	0.6
6	☐	500.000	503.377	815096.42	7.3762	P	2.0
7	☐	1000.000	996.360	1647421.66	14.5994	A	4.8
8	☐			2113.51	0.0198	P	3.0

$$y = 0.0147 * x + 6.2228\text{E-}004$$

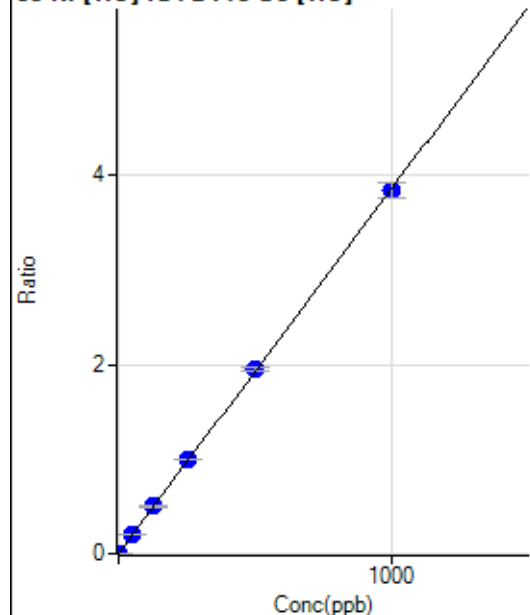
$$R = 1.0000$$

$$DL = 0.005109$$

$$BEC = 0.04247$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.11	0.0020	P	17.2
2	☐	1.000	0.897	582.24	0.0055	P	3.7
3	☐	50.000	51.339	21593.13	0.2001	P	1.1
4	☐	125.000	129.222	54002.06	0.5005	P	0.9
5	☐	250.000	257.324	110063.59	0.9946	P	0.8
6	☐	500.000	505.977	215902.87	1.9537	P	1.2
7	☐	1000.000	994.586	433194.03	3.8384	P	4.2
8	☐			1242.29	0.0116	P	7.4

$$y = 0.0039 * x + 0.0020$$

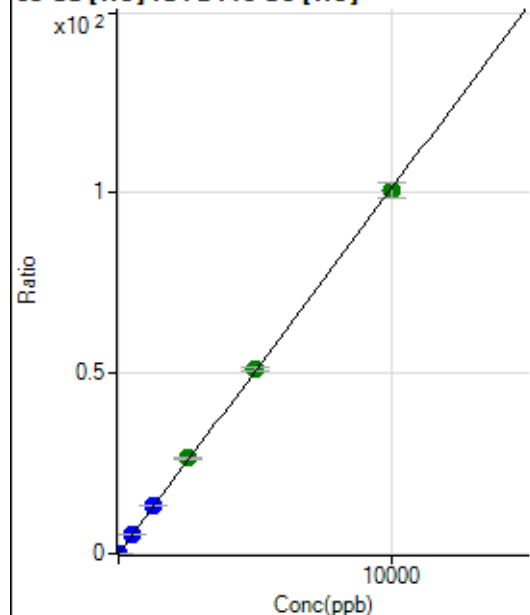
$$R = 0.9999$$

$$DL = 0.2731$$

$$BEC = 0.5278$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	630.02	0.0061	P	9.4
2	☐	2.000	2.280	3092.59	0.0292	P	1.0
3	☐	500.000	522.242	571376.85	5.2938	P	0.5
4	☐	1250.000	1311.699	1433694.22	13.2869	P	0.4
5	☐	2500.000	2610.083	2925142.53	26.4330	A	0.7
6	☐	5000.000	5059.551	5661725.68	51.2336	A	1.5
7	☐	10000.000	9933.879	11352334.55	100.5858	A	4.3
8	☐			5710.09	0.0534	P	5.3

$$y = 0.0101 * x + 0.0061$$

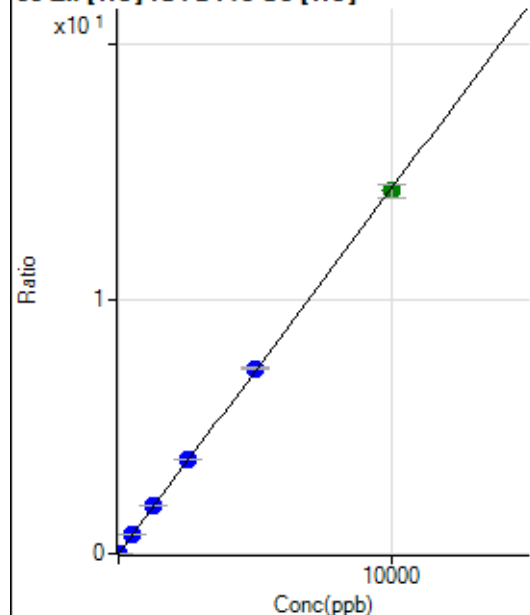
$$R = 0.9999$$

$$DL = 0.1691$$

$$BEC = 0.6029$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	168.89	0.0016	P	9.8
2	☐	2.000	2.039	483.35	0.0046	P	2.7
3	☐	500.000	519.484	80647.47	0.7472	P	0.5
4	☐	1250.000	1295.171	200746.36	1.8604	P	0.1
5	☐	2500.000	2591.781	411811.77	3.7213	P	0.4
6	☐	5000.000	5070.657	804374.36	7.2790	P	1.6
7	☐	10000.000	9935.106	1609579.58	14.2604	A	3.7
8	☐			1333.41	0.0125	P	3.2

$$y = 0.0014 * x + 0.0016$$

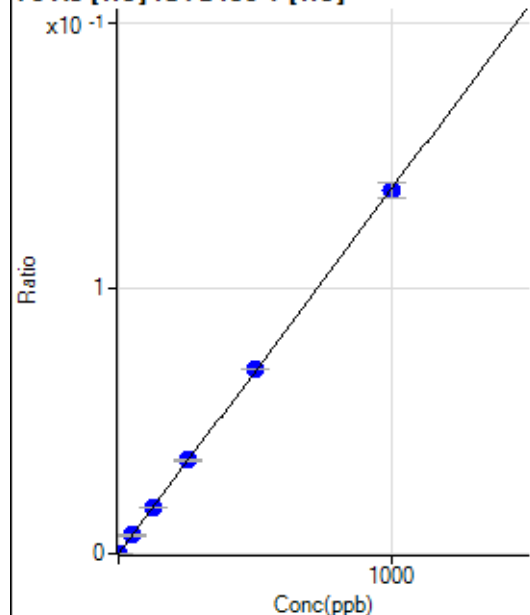
$$R = 0.9999$$

$$DL = 0.3355$$

$$BEC = 1.14$$

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	4.67	0.0000	P	40.8
2	☐	1.000	1.078	132.34	0.0002	P	6.1
3	☐	50.000	50.377	6017.89	0.0069	P	2.0
4	☐	125.000	127.163	15103.57	0.0175	P	1.1
5	☐	250.000	256.163	31086.82	0.0352	P	0.8
6	☐	500.000	507.030	61211.37	0.0696	P	0.6
7	☐	1000.000	994.655	124167.64	0.1366	P	4.3
8	☐			51.68	0.0001	P	5.8

$$y = 1.3730E-004 * x + 5.6196E-006$$

$$R = 0.9999$$

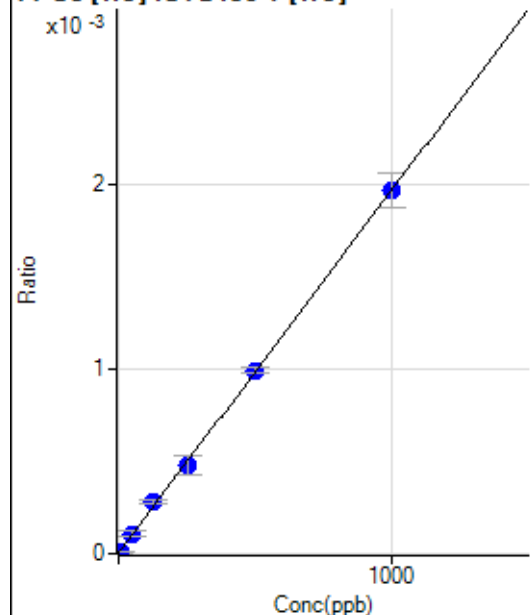
$$DL = 0.05011$$

$$BEC = 0.04093$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	113.4
2	☐	5.000	1.811	7.78	0.0000	P	49.4
3	☐	50.000	52.705	94.44	0.0001	P	29.7
4	☐	125.000	138.883	240.00	0.0003	P	7.5
5	☐	250.000	242.328	424.45	0.0005	P	22.3
6	☐	500.000	502.976	871.15	0.0010	P	3.5
7	☐	1000.000	998.576	1781.24	0.0020	P	9.5
8	☐			1.11	0.0000	P	173.2

$$y = 1.9591\text{E-}006 * x + 5.4696\text{E-}006$$

$$R = 0.9998$$

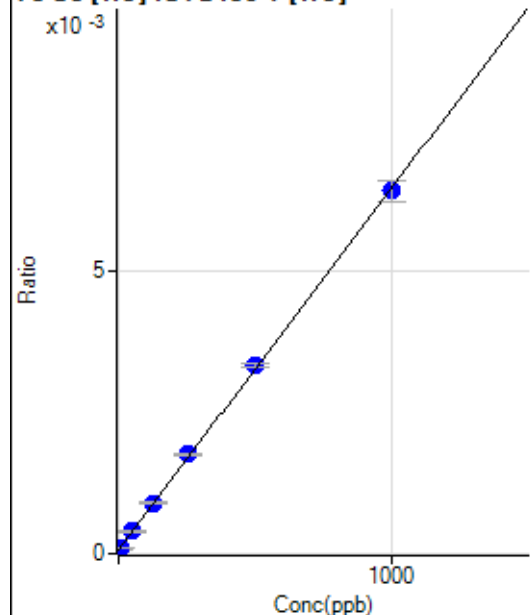
$$DL = 9.497$$

$$BEC = 2.792$$

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	70.01	0.0001	P	10.4
2	☐	5.000	1.971	84.34	0.0001	P	10.6
3	☐	50.000	49.845	351.71	0.0004	P	6.2
4	☐	125.000	126.569	774.44	0.0009	P	4.2
5	☐	250.000	261.857	1556.91	0.0018	P	2.3
6	☐	500.000	509.902	2944.94	0.0033	P	2.5
7	☐	1000.000	991.911	5849.14	0.0064	P	5.6
8	☐			55.34	0.0001	P	14.1

$$y = 6.4021\text{E-}006 * x + 8.5273\text{E-}005$$

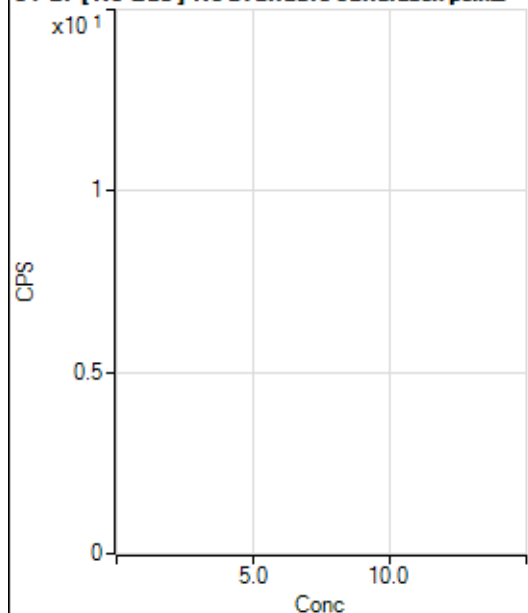
$$R = 0.9998$$

$$DL = 4.174$$

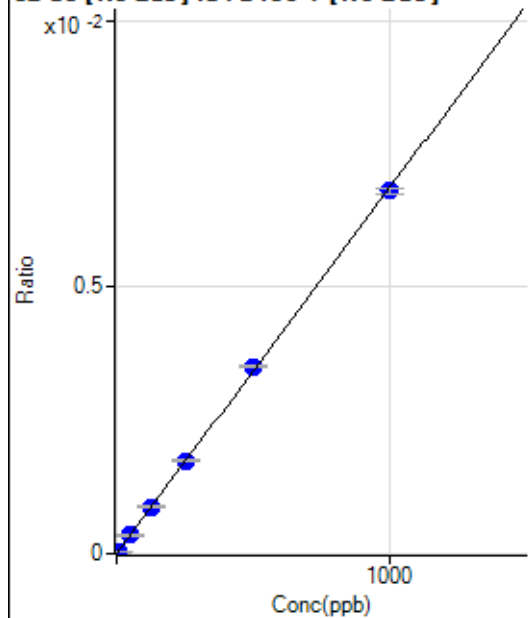
$$BEC = 13.32$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3530.76		P	8.1
2	☐			3794.44		P	3.6
3	☐			3497.39		P	5.5
4	☐			3497.37		P	2.1
5	☐			3704.33		P	7.1
6	☐			3470.69		P	3.7
7	☐			3794.46		P	10.2
8	☐			3937.94		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-33.72	0.0000	P	-104.
2	☐	5.000	5.757	247.39	0.0000	P	35.8
3	☐	50.000	50.877	2438.56	0.0003	P	6.4
4	☐	125.000	128.828	6378.86	0.0009	P	2.1
5	☐	250.000	254.599	12932.72	0.0017	P	0.4
6	☐	500.000	511.991	25589.97	0.0035	P	1.2
7	☐	1000.000	992.328	51594.34	0.0068	P	1.4
8	☐			48.35	0.0000	P	158.6

$$y = 6.8716E-006 * x - 4.7352E-006$$

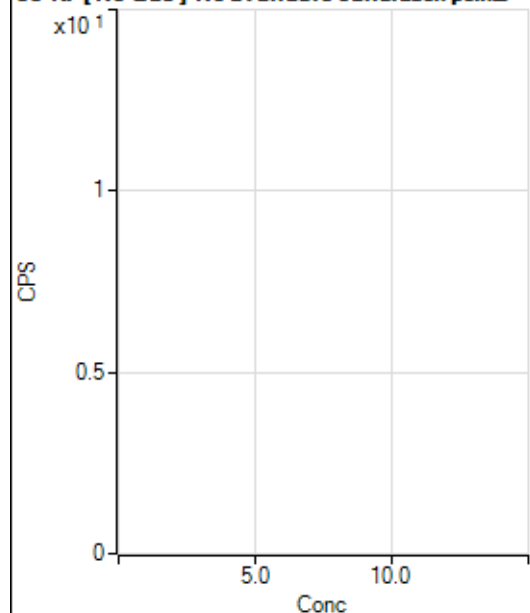
$$R = 0.9999$$

$$DL = 2.157$$

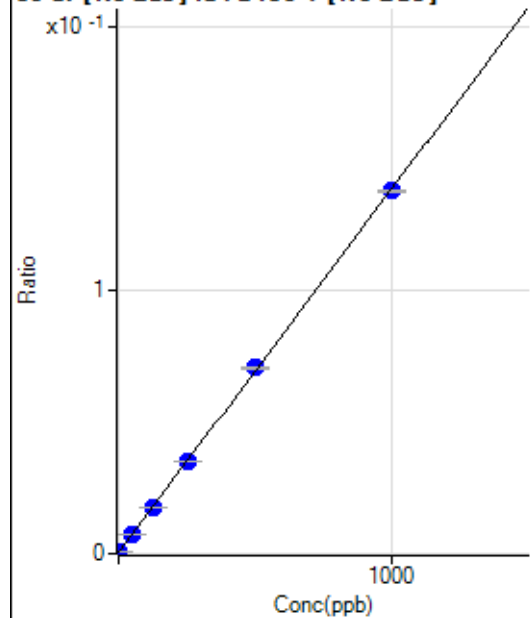
$$BEC = -0.6891$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1863.48		P	3.5
2	☐			1874.59		P	6.9
3	☐			1886.81		P	1.2
4	☐			1830.14		P	5.6
5	☐			1903.49		P	0.8
6	☐			1965.71		P	2.3
7	☐			1840.14		P	2.4
8	☐			1872.37		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3000.41	0.0004	P	5.2
2	☐	1.000	1.096	4067.38	0.0006	P	6.8
3	☐	50.000	51.095	52808.51	0.0075	P	3.5
4	☐	125.000	125.151	128029.34	0.0177	P	1.0
5	☐	250.000	252.386	260990.76	0.0352	P	0.8
6	☐	500.000	508.095	513161.35	0.0705	P	1.4
7	☐	1000.000	995.282	1041930.31	0.1376	P	0.8
8	☐			8274.87	0.0011	P	3.9

$$y = 1.3784\text{E-}004 * x + 4.2168\text{E-}004$$

$$R = 0.9999$$

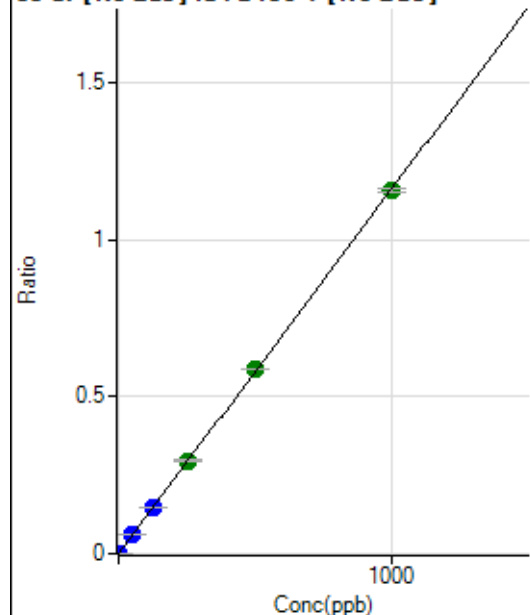
$$DL = 0.4733$$

$$BEC = 3.059$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	21.3
2	☐	1.000	0.978	8299.92	0.0012	P	4.3
3	☐	50.000	52.266	429469.68	0.0607	P	1.8
4	☐	125.000	128.045	1076874.95	0.1486	P	0.7
5	☐	250.000	255.624	2199283.62	0.2967	A	1.1
6	☐	500.000	505.163	4270570.54	0.5863	A	0.3
7	☐	1000.000	995.519	8747992.12	1.1554	A	1.1
8	☐			45524.79	0.0063	P	0.6

$$y = 0.0012 * x + 3.3571E-005$$

$$R = 1.0000$$

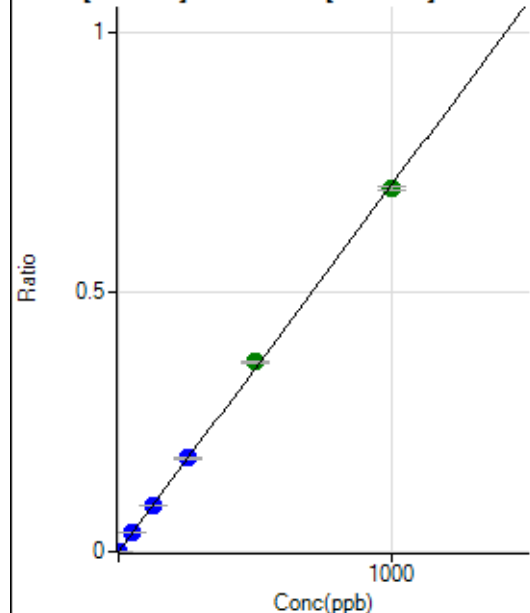
$$DL = 0.01846$$

$$BEC = 0.02893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.45	0.0000	P	18.9
2	☐	1.000	0.958	5067.71	0.0007	P	1.2
3	☐	50.000	51.827	258934.75	0.0366	P	2.8
4	☐	125.000	127.784	653305.93	0.0902	P	0.6
5	☐	250.000	254.759	1332368.73	0.1797	P	1.0
6	☐	500.000	517.485	2658967.96	0.3651	A	1.4
7	☐	1000.000	989.629	5285962.31	0.6981	A	0.9
8	☐			1980.75	0.0003	P	10.9

$$y = 7.0540E-004 * x + 3.7898E-005$$

$$R = 0.9998$$

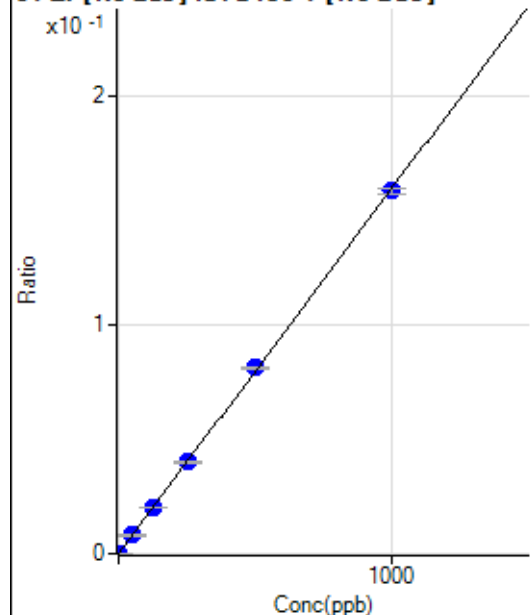
$$DL = 0.03054$$

$$BEC = 0.05373$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	36.5
2	☐	1.000	0.864	1061.18	0.0001	P	5.1
3	☐	50.000	50.720	57304.46	0.0081	P	3.2
4	☐	125.000	125.215	144743.86	0.0200	P	1.0
5	☐	250.000	251.303	297126.19	0.0401	P	1.3
6	☐	500.000	510.193	592687.51	0.0814	P	0.7
7	☐	1000.000	994.515	1200841.94	0.1586	P	1.3
8	☐			430.58	0.0001	P	34.1

$$y = 1.5946E-004 * x + 1.1717E-005$$

$$R = 0.9999$$

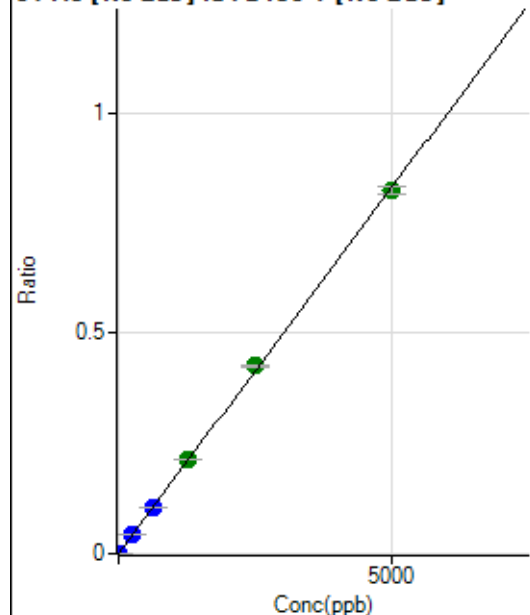
$$DL = 0.08049$$

$$BEC = 0.07348$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	30.6
2	☐	5.000	4.825	5751.34	0.0008	P	5.1
3	☐	250.000	259.368	304361.42	0.0430	P	2.9
4	☐	625.000	635.622	763664.18	0.1054	P	0.9
5	☐	1250.000	1283.247	1577277.49	0.2128	A	0.6
6	☐	2500.000	2563.306	3096369.12	0.4251	A	1.1
7	☐	5000.000	4958.239	6225199.66	0.8222	A	2.2
8	☐			1833.51	0.0003	P	13.4

$$y = 1.6582E-004 * x + 9.7616E-006$$

$$R = 0.9999$$

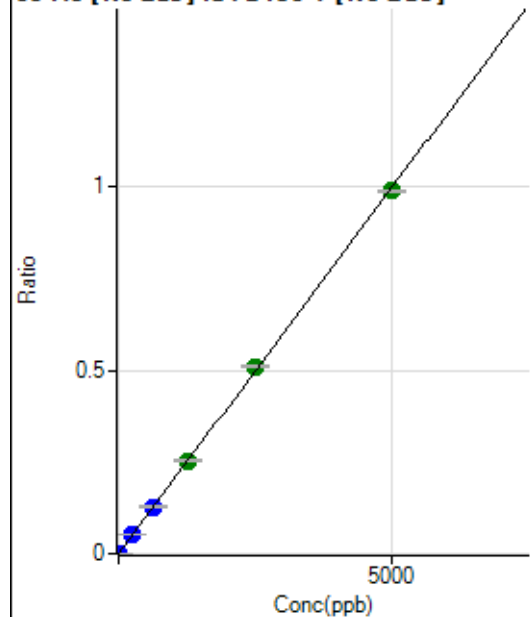
$$DL = 0.05403$$

$$BEC = 0.05887$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	58.4
2	☐	5.000	4.868	6921.33	0.0010	P	2.0
3	☐	250.000	261.126	368634.13	0.0521	P	2.7
4	☐	625.000	642.547	928771.22	0.1282	P	1.3
5	☐	1250.000	1272.408	1881592.92	0.2539	A	1.1
6	☐	2500.000	2559.661	3719676.65	0.5107	A	0.8
7	☐	5000.000	4961.818	7495483.07	0.9899	A	0.5
8	☐			2100.22	0.0003	P	14.8

$$y = 1.9951E-004 * x + 3.5209E-006$$

$$R = 0.9999$$

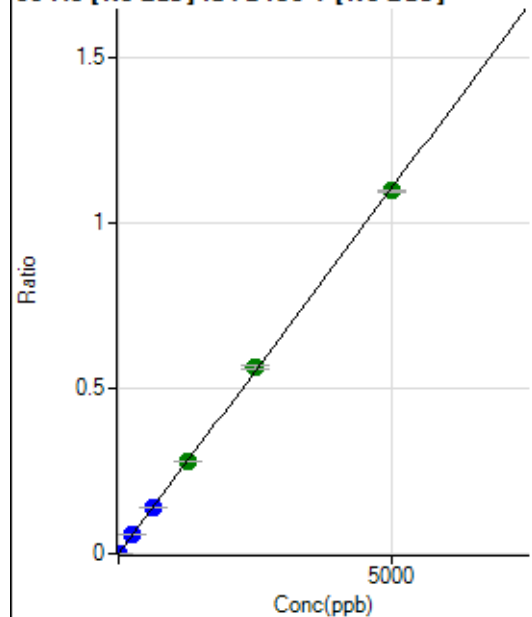
$$DL = 0.0309$$

$$BEC = 0.01765$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	19.8
2	☐	5.000	4.873	7719.05	0.0011	P	4.0
3	☐	250.000	261.345	409124.91	0.0578	P	3.0
4	☐	625.000	637.344	1021636.50	0.1410	P	1.2
5	☐	1250.000	1271.684	2085345.08	0.2813	A	0.6
6	☐	2500.000	2554.802	4116642.76	0.5652	A	1.3
7	☐	5000.000	4965.068	8317169.28	1.0984	A	0.8
8	☐			2889.27	0.0004	P	10.5

$$y = 2.2123E-004 * x + 8.9741E-006$$

$$R = 0.9999$$

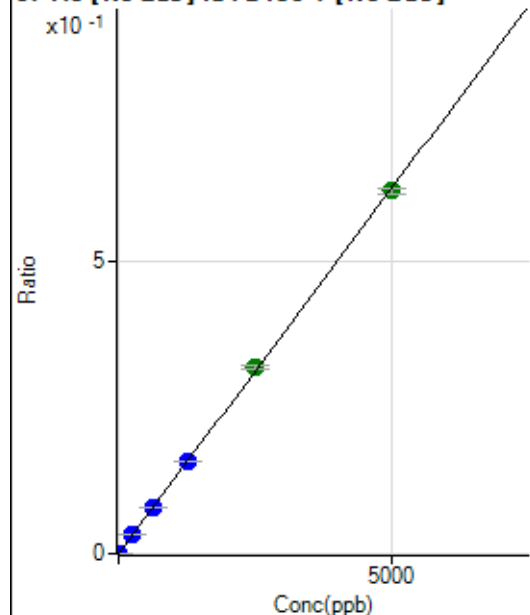
$$DL = 0.02413$$

$$BEC = 0.04056$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.0
2	☐	5.000	5.097	4531.45	0.0006	P	4.9
3	☐	250.000	257.923	227624.50	0.0322	P	3.1
4	☐	625.000	629.216	568638.88	0.0785	P	0.8
5	☐	1250.000	1265.839	1170354.42	0.1579	P	1.7
6	☐	2500.000	2553.091	2319394.21	0.3185	A	1.7
7	☐	5000.000	4968.572	4692512.22	0.6197	A	1.6
8	☐			1291.76	0.0002	P	14.5

$$y = 1.2473\text{E-}004 * x + 2.3336\text{E-}006$$

$$R = 0.9999$$

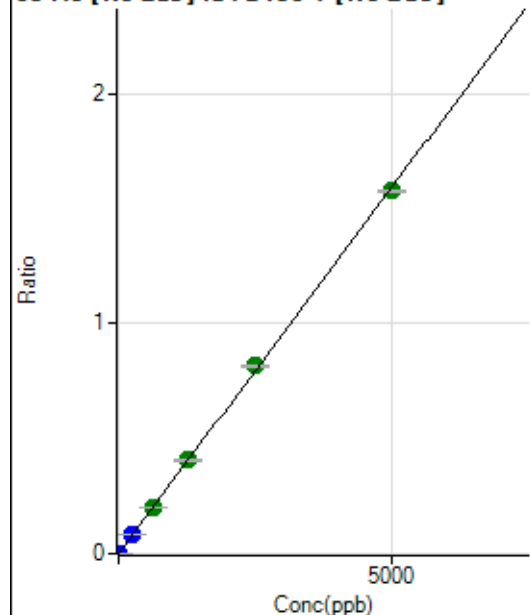
$$DL = 0.02748$$

$$BEC = 0.01871$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	93.5
2	☐	5.000	5.163	11721.88	0.0017	P	1.4
3	☐	250.000	259.102	583689.45	0.0825	P	2.4
4	☐	625.000	627.967	1448337.30	0.1999	A	0.4
5	☐	1250.000	1276.490	3012121.40	0.4064	A	1.3
6	☐	2500.000	2569.389	5957415.89	0.8179	A	1.3
7	☐	5000.000	4957.857	11950104.26	1.5783	A	0.8
8	☐			3203.25	0.0004	P	13.7

$$y = 3.1834\text{E-}004 * x + 7.0355\text{E-}006$$

$$R = 0.9998$$

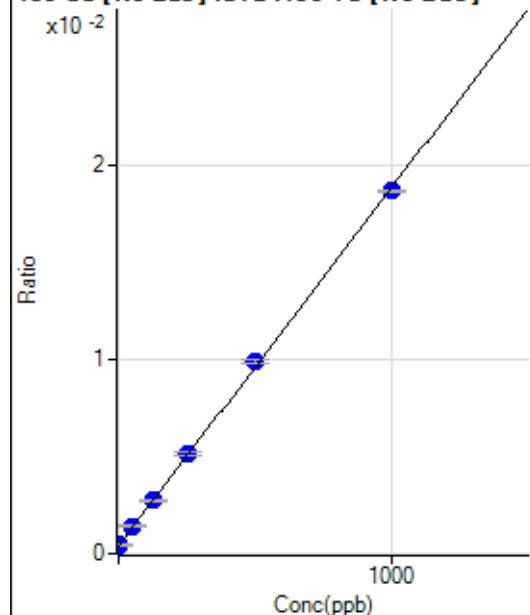
$$DL = 0.06201$$

$$BEC = 0.0221$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1586.25	0.0004	P	9.2
2	☐	1.000	1.773	1702.93	0.0004	P	16.9
3	☐	50.000	55.122	5384.55	0.0014	P	7.2
4	☐	125.000	126.869	10596.05	0.0027	P	3.0
5	☐	250.000	257.415	20574.19	0.0052	P	3.7
6	☐	500.000	512.690	38526.60	0.0099	P	2.0
7	☐	1000.000	991.311	76261.31	0.0187	P	0.6
8	☐			1705.71	0.0004	P	6.3

$$y = 1.8404\text{E-}005 * x + 4.1471\text{E-}004$$

$$R = 0.9999$$

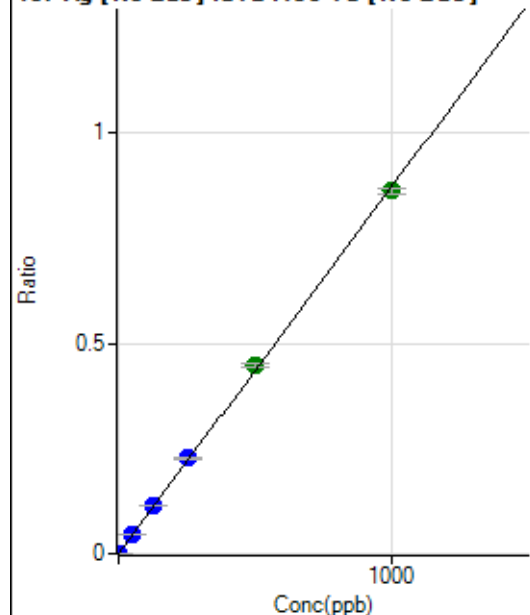
$$DL = 6.209$$

$$BEC = 22.53$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.7
2	☐	1.000	0.967	3281.03	0.0009	P	3.1
3	☐	50.000	53.078	174330.02	0.0463	P	1.7
4	☐	125.000	130.666	438852.37	0.1139	P	0.7
5	☐	250.000	260.354	905937.42	0.2269	P	0.7
6	☐	500.000	514.499	1753570.98	0.4483	A	1.6
7	☐	1000.000	989.300	3523393.26	0.8620	A	1.3
8	☐			1308.43	0.0003	P	11.2

$$y = 8.7128\text{E-}004 * x + 1.8165\text{E-}005$$

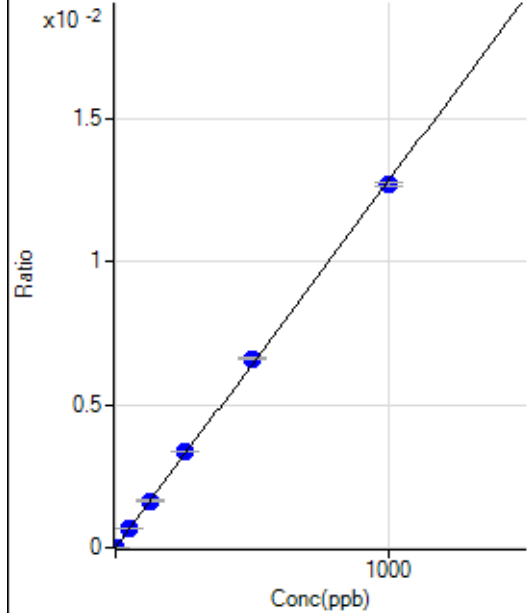
$$R = 0.9998$$

$$DL = 0.01167$$

$$BEC = 0.02085$$

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	22.22	0.0000	P	47.5
2	☐	1.000	0.966	69.44	0.0000	P	20.3
3	☐	50.000	53.404	2600.28	0.0007	P	2.7
4	☐	125.000	127.904	6339.03	0.0016	P	2.7
5	☐	250.000	261.613	13409.46	0.0034	P	0.3
6	☐	500.000	514.894	25828.39	0.0066	P	0.5
7	☐	1000.000	989.116	51824.63	0.0127	P	1.0
8	☐			48.61	0.0000	P	12.3

$$y = 1.2812E-005 * x + 5.8155E-006$$

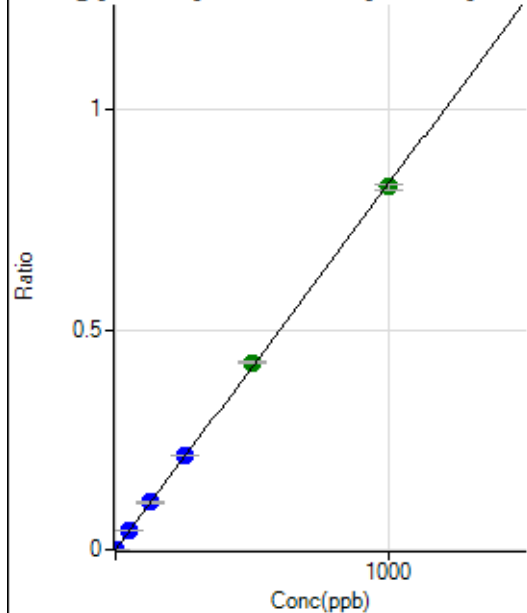
$$R = 0.9998$$

$$DL = 0.6466$$

$$BEC = 0.4539$$

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	12.1
2	☐	1.000	0.919	2953.18	0.0008	P	2.0
3	☐	50.000	52.805	165617.67	0.0440	P	1.7
4	☐	125.000	129.450	415195.80	0.1077	P	1.8
5	☐	250.000	257.136	854526.87	0.2140	P	0.9
6	☐	500.000	511.165	1663866.75	0.4254	A	1.3
7	☐	1000.000	991.937	3373693.13	0.8255	A	1.6
8	☐			1272.32	0.0003	P	16.1

$$y = 8.3216E-004 * x + 1.0166E-005$$

$$R = 0.9999$$

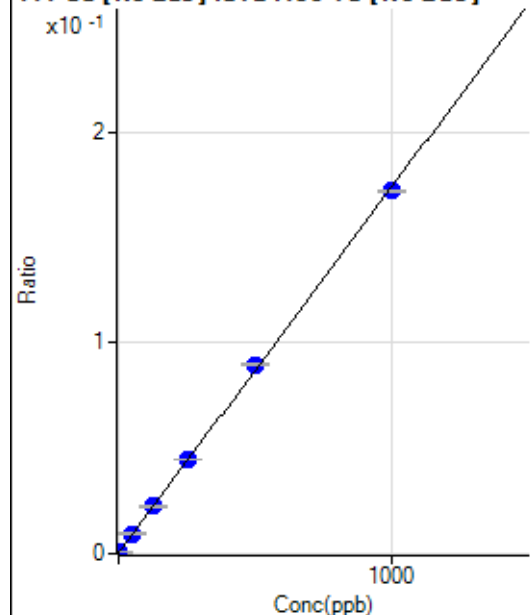
$$DL = 0.004437$$

$$BEC = 0.01222$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1110.10	0.0003	P	9.5
2	☐	1.000	1.248	1929.59	0.0005	P	10.0
3	☐	50.000	53.150	35853.20	0.0095	P	3.2
4	☐	125.000	127.885	86658.66	0.0225	P	1.4
5	☐	250.000	256.034	178623.72	0.0447	P	0.5
6	☐	500.000	515.649	351200.40	0.0898	P	0.9
7	☐	1000.000	990.149	703578.20	0.1721	P	0.3
8	☐			1412.75	0.0004	P	5.5

$$y = 1.7356E-004 * x + 2.9022E-004$$

$$R = 0.9998$$

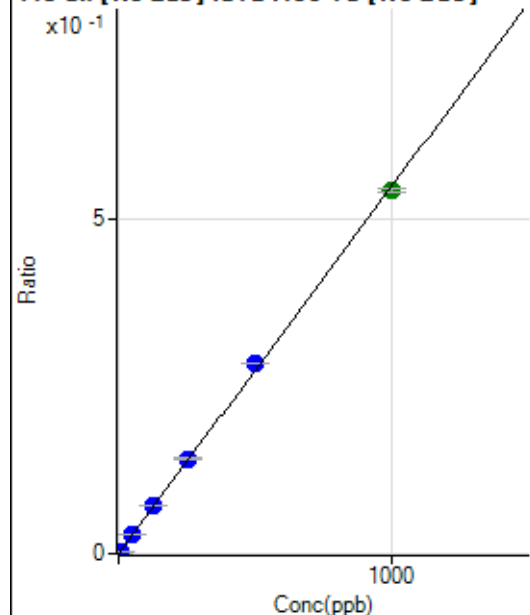
$$DL = 0.4774$$

$$BEC = 1.672$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.56	0.0001	P	15.3
2	☐	5.000	4.759	10173.45	0.0027	P	4.1
3	☐	50.000	51.914	107539.81	0.0285	P	1.5
4	☐	125.000	129.815	274663.96	0.0713	P	1.8
5	☐	250.000	258.126	565639.11	0.1416	P	0.9
6	☐	500.000	517.638	1110923.23	0.2840	P	0.3
7	☐	1000.000	988.453	2216438.11	0.5422	A	1.2
8	☐			1261.21	0.0003	P	4.3

$$y = 5.4852E-004 * x + 6.0302E-005$$

$$R = 0.9997$$

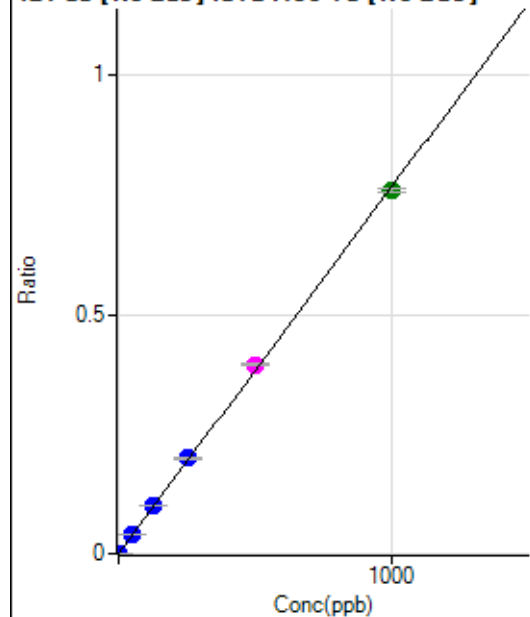
$$DL = 0.05045$$

$$BEC = 0.1099$$

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	38.89	0.0000	P	44.4
2	☐	2.000	1.968	5790.24	0.0015	P	1.9
3	☐	50.000	52.769	152460.24	0.0405	P	3.8
4	☐	125.000	130.472	385612.77	0.1001	P	1.0
5	☐	250.000	259.733	795390.42	0.1992	P	0.3
6	☐	500.000	514.134	1542047.88	0.3942	M	1.0
7	☐	1000.000	989.678	3101815.02	0.7589	A	1.0
8	☐			2241.91	0.0006	P	6.0

$$y = 7.6677\text{E-}004 * x + 1.0160\text{E-}005$$

$$R = 0.9998$$

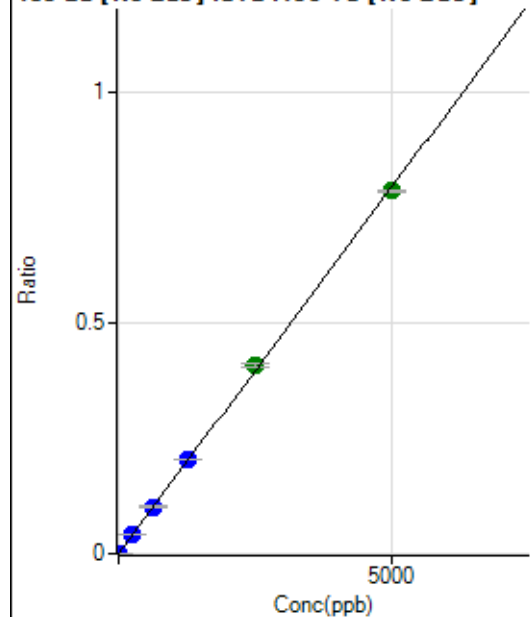
$$DL = 0.01763$$

$$BEC = 0.01325$$

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	36.11	0.0000	P	35.1
2	☐	10.000	9.999	6084.89	0.0016	P	3.7
3	☐	250.000	262.163	156896.67	0.0416	P	3.1
4	☐	625.000	642.662	393431.95	0.1021	P	0.7
5	☐	1250.000	1289.068	817617.55	0.2047	P	0.7
6	☐	2500.000	2569.867	1596514.87	0.4082	A	1.7
7	☐	5000.000	4952.484	3214852.44	0.7866	A	0.2
8	☐			891.72	0.0002	P	13.5

$$y = 1.5882\text{E-}004 * x + 9.4390\text{E-}006$$

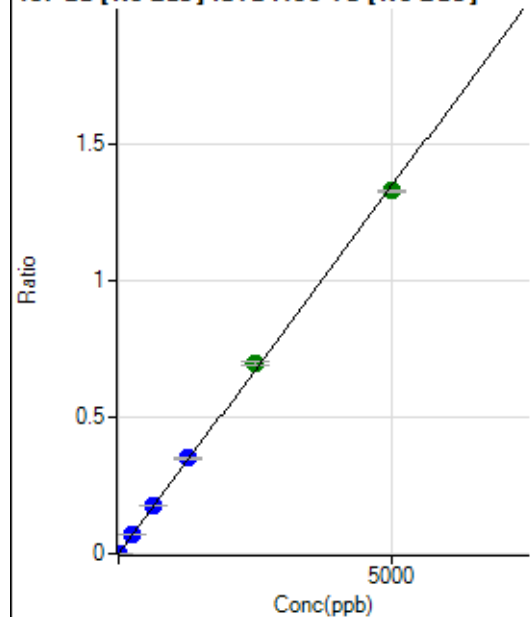
$$R = 0.9998$$

$$DL = 0.06254$$

$$BEC = 0.05943$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.0
2	☐	10.000	9.996	10323.65	0.0027	P	1.1
3	☐	250.000	266.603	270918.51	0.0719	P	2.4
4	☐	625.000	651.600	677257.98	0.1757	P	0.4
5	☐	1250.000	1299.311	1399195.55	0.3504	P	1.0
6	☐	2500.000	2592.519	2734372.16	0.6991	A	1.5
7	☐	5000.000	4937.258	5441820.91	1.3313	A	0.8
8	☐			1614.04	0.0004	P	24.4

$$y = 2.6965E-004 * x + 1.3804E-005$$

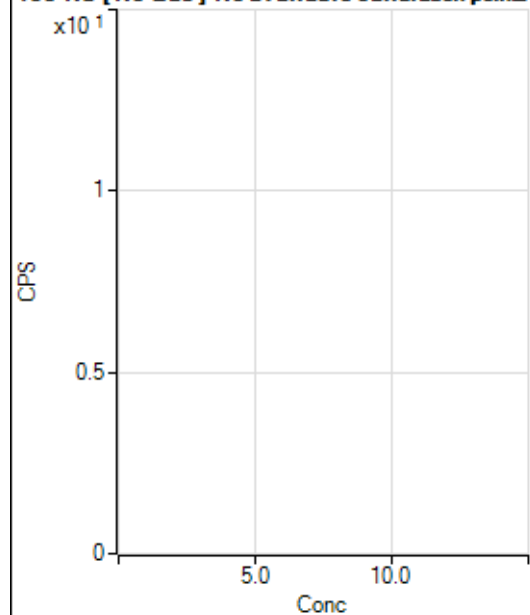
$$R = 0.9997$$

$$DL = 0.05062$$

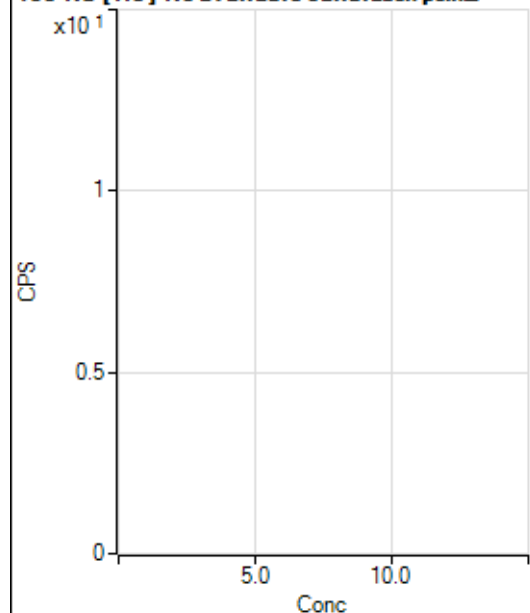
$$BEC = 0.05119$$

Weight: <None>

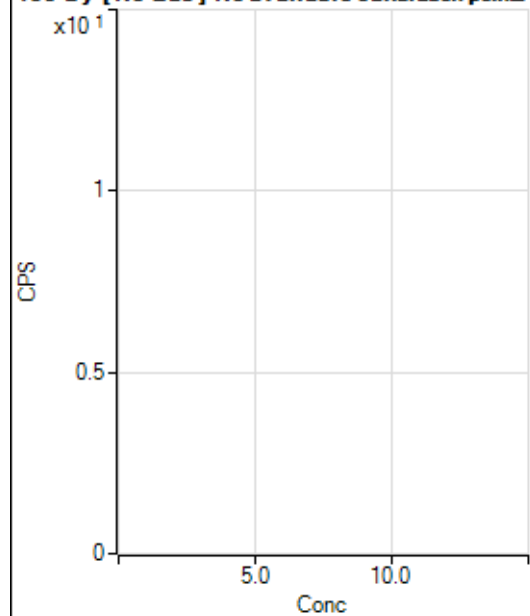
Min Conc: 0

150 Nd [No Gas] No available calibration points

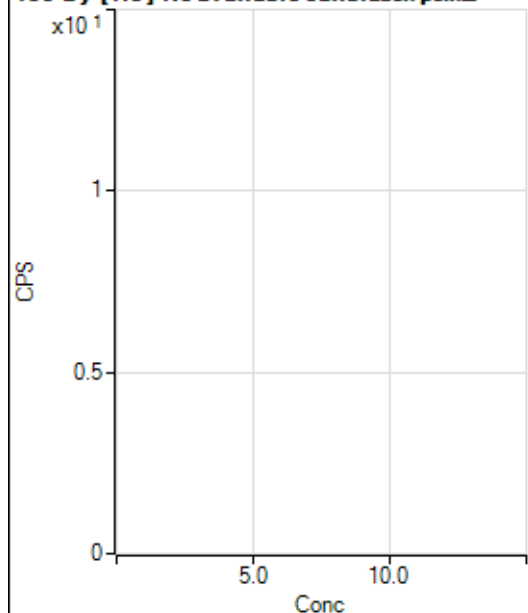
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	86.6
3	☐			8.89		P	86.6
4	☐			24.45		P	15.8
5	☐			35.56		P	39.0
6	☐			113.34		P	10.2
7	☐			153.34		P	11.5
8	☐			31.11		P	65.5

150 Nd [He] No available calibration points

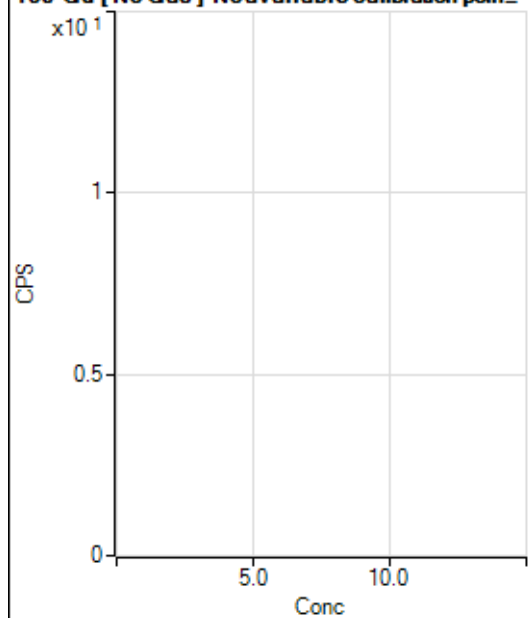
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			1.11		P	173.2
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			2.22		P	173.2
6	☐			11.11		P	62.5
7	☐			15.55		P	86.6
8	☐			7.78		P	107.8

156 Dy [No Gas] No available calibration points

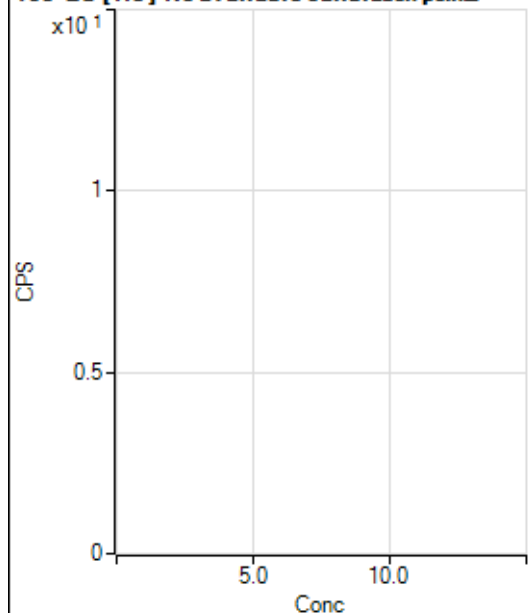
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	100.0
2	☐			16.67		P	100.0
3	☐			16.67		P	132.3
4	☐			30.56		P	56.8
5	☐			41.67		P	91.7
6	☐			72.22		P	6.7
7	☐			72.23		P	17.6
8	☐			683.37		P	16.4

156 Dy [He] No available calibration points

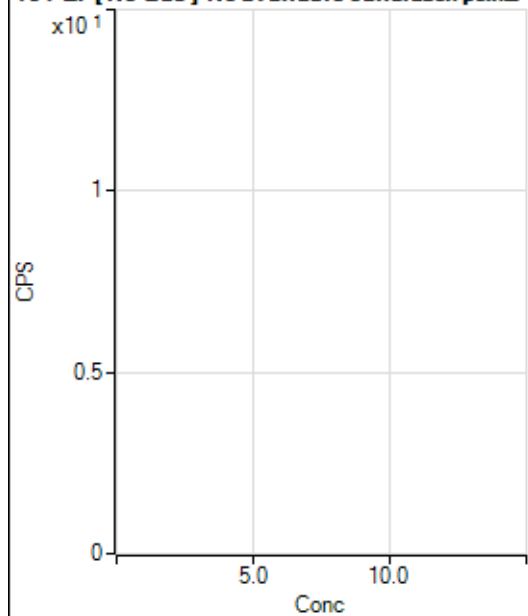
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			1.11		P	173.2
3	☐			4.45		P	86.6
4	☐			5.55		P	124.9
5	☐			11.11		P	62.5
6	☐			11.11		P	75.5
7	☐			37.78		P	33.4
8	☐			337.79		P	10.9

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

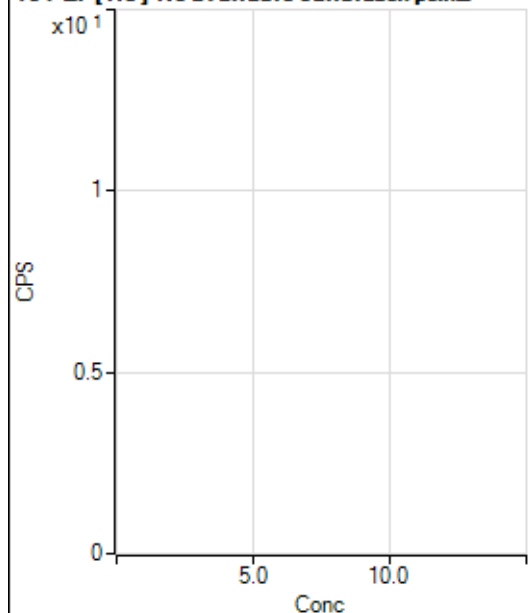
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐			27.78		P	34.6
3	☐			5.55		P	86.6
4	☐			38.89		P	24.7
5	☐			30.56		P	31.5
6	☐			27.78		P	69.3
7	☐			72.23		P	37.1
8	☐			677.82		P	13.1

160 Gd [He] No available calibration points

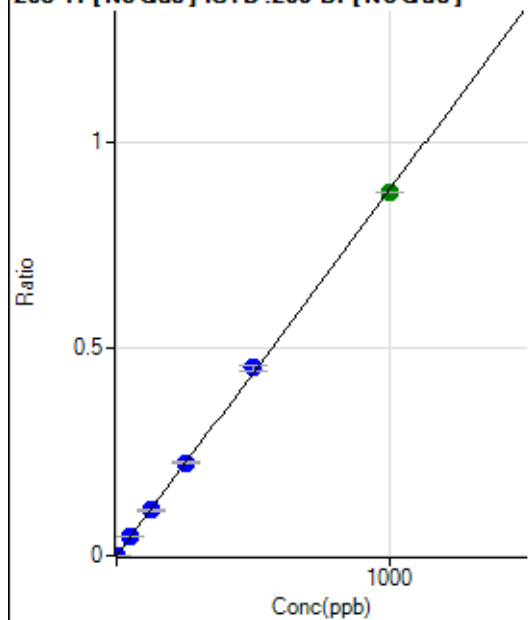
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			11.11		P	96.4
3	☐			15.56		P	49.5
4	☐			11.11		P	45.8
5	☐			11.11		P	105.4
6	☐			15.55		P	24.8
7	☐			33.33		P	17.3
8	☐			385.57		P	8.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐			27.78		P	69.3
3	☐			25.00		P	33.3
4	☐			16.67		P	50.0
5	☐			25.00		P	33.3
6	☐			38.89		P	32.7
7	☐			38.89		P	44.6
8	☐			88.89		P	14.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			10.00		P	33.3
2	☐			12.22		P	56.8
3	☐			6.67		P	50.0
4	☐			12.22		P	41.7
5	☐			8.89		P	57.3
6	☐			3.33		P	0.0
7	☐			15.56		P	65.5
8	☐			41.11		P	20.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	29.4
2	☐	1.000	0.980	1791.84	0.0009	P	9.5
3	☐	50.000	50.788	88571.37	0.0449	P	3.0
4	☐	125.000	123.890	217888.07	0.1094	P	2.9
5	☐	250.000	254.461	456493.71	0.2246	P	1.8
6	☐	500.000	513.349	896486.81	0.4532	P	2.4
7	☐	1000.000	992.310	1779076.69	0.8759	A	0.1
8	☐			1191.76	0.0006	P	14.8

$$y = 8.8267E-004 * x + 4.0810E-005$$

$$R = 0.9999$$

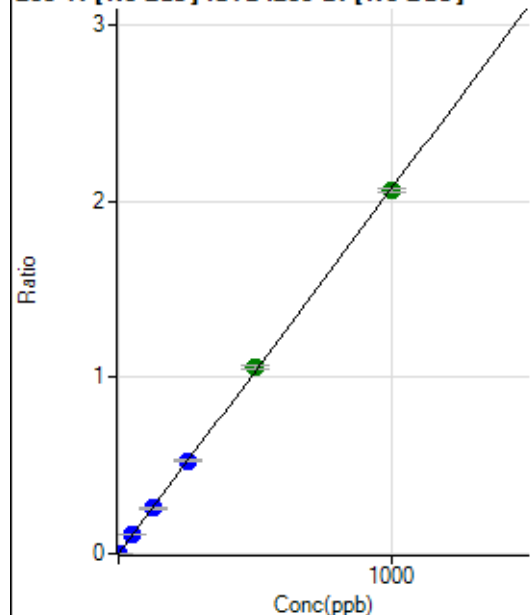
$$DL = 0.04084$$

$$BEC = 0.04624$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.23	0.0001	P	15.2
2	☐	1.000	0.987	4239.71	0.0021	P	3.3
3	☐	50.000	51.139	209030.25	0.1059	P	3.1
4	☐	125.000	125.497	517377.37	0.2598	P	3.3
5	☐	250.000	254.304	1069468.52	0.5263	P	1.4
6	☐	500.000	509.595	2086155.58	1.0545	A	2.0
7	☐	1000.000	994.008	4177538.98	2.0567	A	0.9
8	☐			3367.21	0.0018	P	10.8

$$y = 0.0021 * x + 1.0014E-004$$

$$R = 0.9999$$

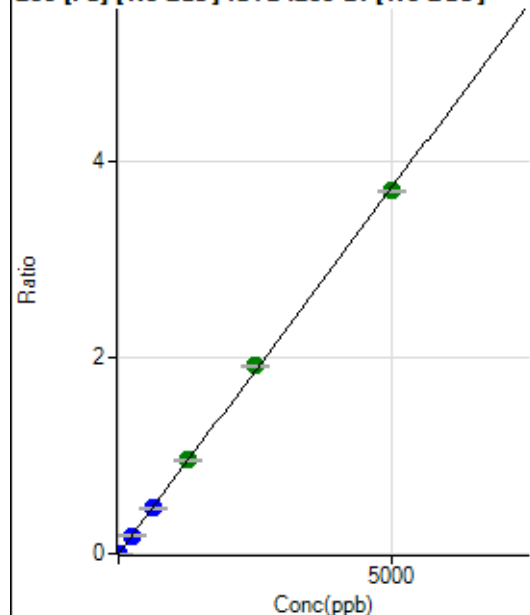
$$DL = 0.02207$$

$$BEC = 0.0484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0001	P	4.5
2	☐	1.000	0.922	1642.73	0.0008	P	4.6
3	☐	250.000	249.080	367209.62	0.1861	P	3.4
4	☐	625.000	623.022	926561.07	0.4652	P	2.2
5	☐	1250.000	1276.884	1937104.75	0.9532	A	1.6
6	☐	2500.000	2567.295	3791751.47	1.9164	A	1.4
7	☐	5000.000	4959.925	7519794.03	3.7022	A	0.8
8	☐			7582.00	0.0040	P	3.2

$$y = 7.4639E-004 * x + 1.4124E-004$$

$$R = 0.9998$$

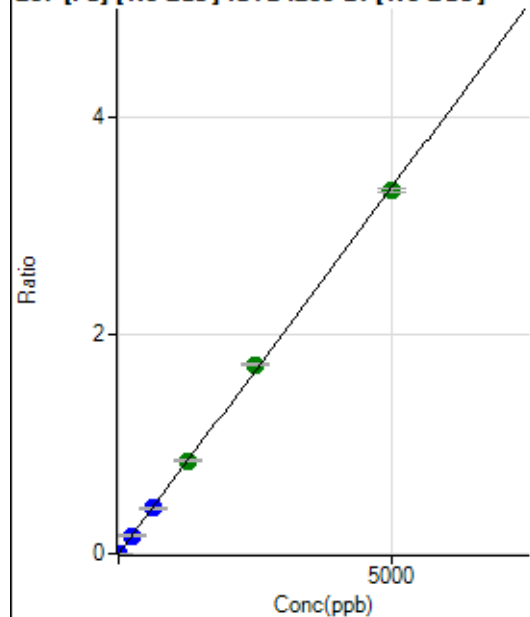
$$DL = 0.02581$$

$$BEC = 0.1892$$

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	301.86	0.0002	P	4.6
2	☐	1.000	0.924	1527.90	0.0008	P	4.1
3	☐	250.000	248.162	328235.94	0.1663	P	3.6
4	☐	625.000	622.388	830468.36	0.4169	P	1.9
5	☐	1250.000	1263.173	1719005.23	0.8459	A	2.4
6	☐	2500.000	2581.620	3420717.12	1.7287	A	1.1
7	☐	5000.000	4956.315	6740572.72	3.3188	A	1.0
8	☐			6787.11	0.0036	P	3.9

$$y = 6.6958\text{E-}004 * x + 1.5350\text{E-}004$$

$$R = 0.9998$$

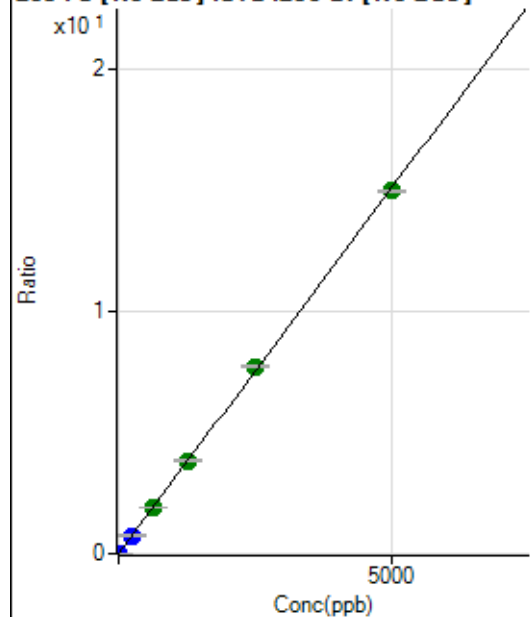
$$DL = 0.03142$$

$$BEC = 0.2292$$

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	1216.71	0.0006	P	3.4
2	☐	1.000	0.896	6569.29	0.0033	P	1.4
3	☐	250.000	249.315	1483703.40	0.7517	P	3.3
4	☐	625.000	627.366	3766409.89	1.8907	A	1.4
5	☐	1250.000	1274.734	7805148.32	3.8410	A	1.8
6	☐	2500.000	2560.499	15265451.41	7.7146	A	0.9
7	☐	5000.000	4963.305	30371845.70	14.9536	A	0.2
8	☐			30718.56	0.0161	P	3.3

$$y = 0.0030 * x + 6.1855\text{E-}004$$

$$R = 0.9999$$

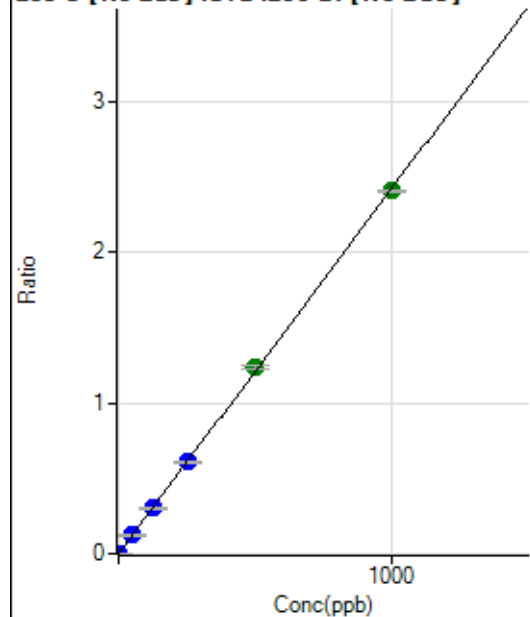
$$DL = 0.02118$$

$$BEC = 0.2053$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	66.7
2	☐	1.000	0.931	4473.12	0.0023	P	2.6
3	☐	50.000	50.574	241323.36	0.1223	P	3.4
4	☐	125.000	124.611	600086.48	0.3013	P	2.5
5	☐	250.000	251.745	1236530.27	0.6086	P	2.6
6	☐	500.000	510.243	2440873.34	1.2336	A	1.5
7	☐	1000.000	994.462	4883011.66	2.4042	A	0.7
8	☐			738.94	0.0004	P	27.4

$$y = 0.0024 * x + 9.9677E-006$$

$$R = 0.9999$$

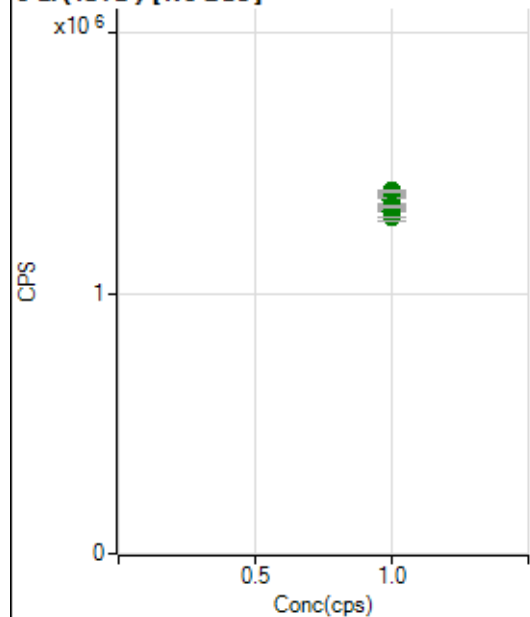
$$DL = 0.008252$$

$$BEC = 0.004123$$

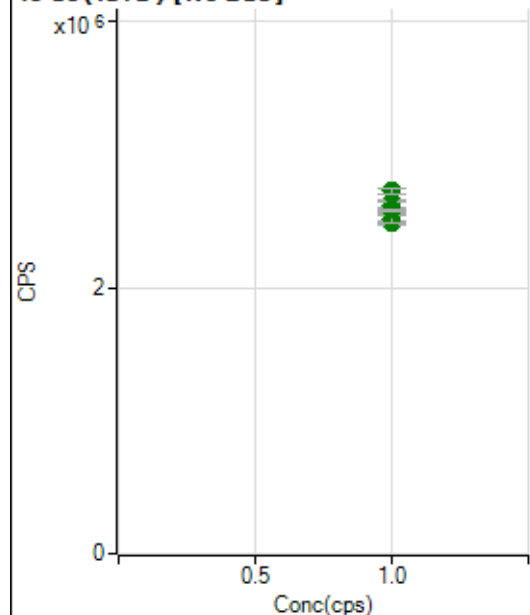
Weight: <None>

Min Conc: 0

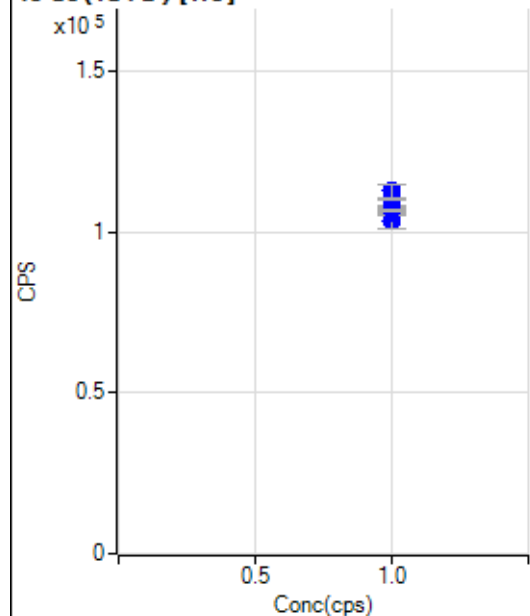
6 Li (ISTD) [No Gas]



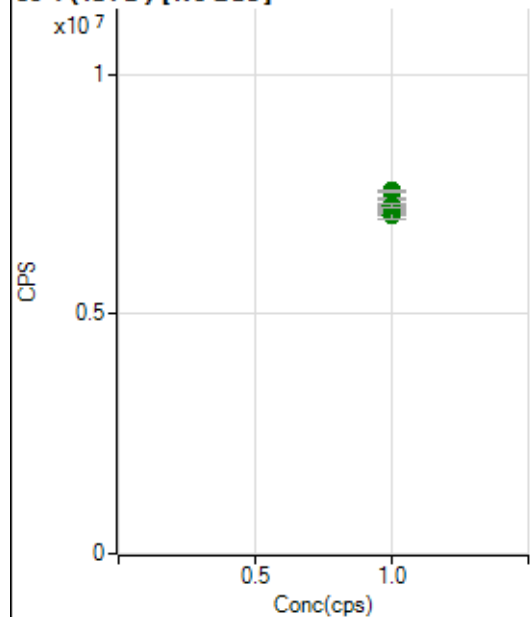
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1294987.32		A	2.5
2	☐	1.000		1316469.64		A	0.6
3	☐	1.000		1313334.70		A	2.6
4	☐	1.000		1328410.27		A	0.3
5	☐	1.000		1379114.93		A	0.4
6	☐	1.000		1356257.56		A	1.3
7	☐	1.000		1393599.56		A	0.9
8	☐	1.000		1333775.03		A	0.4

45 Sc (ISTD) [No Gas]

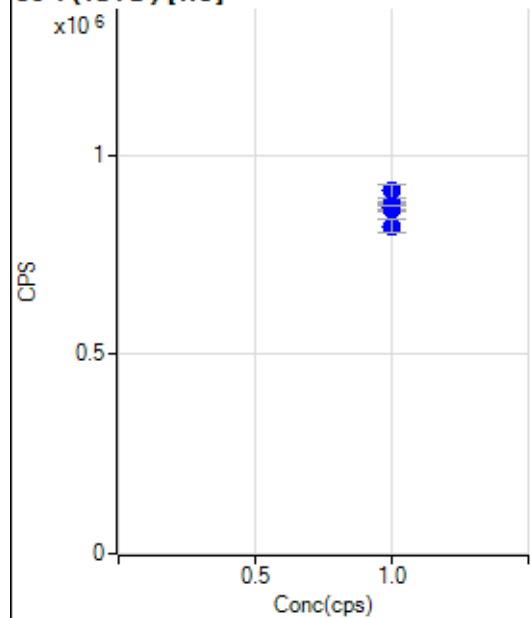
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2545853.09		A	0.3
2	☐	1.000		2485868.45		A	0.9
3	☐	1.000		2512786.60		A	2.3
4	☐	1.000		2580557.01		A	1.6
5	☐	1.000		2650439.89		A	0.8
6	☐	1.000		2618780.21		A	1.4
7	☐	1.000		2726176.04		A	1.3
8	☐	1.000		2581313.49		A	0.7

45 Sc (ISTD) [He]

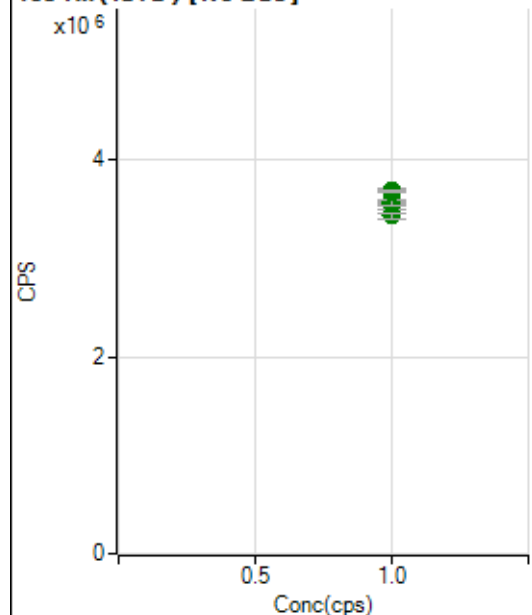
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		103453.79		P	3.9
2	☐	1.000		105939.78		P	0.6
3	☐	1.000		107935.66		P	0.6
4	☐	1.000		107902.03		P	0.3
5	☐	1.000		110663.94		P	0.4
6	☐	1.000		110517.40		P	0.9
7	☐	1.000		112970.41		P	3.6
8	☐	1.000		106954.94		P	0.7

89 Y (ISTD) [No Gas]

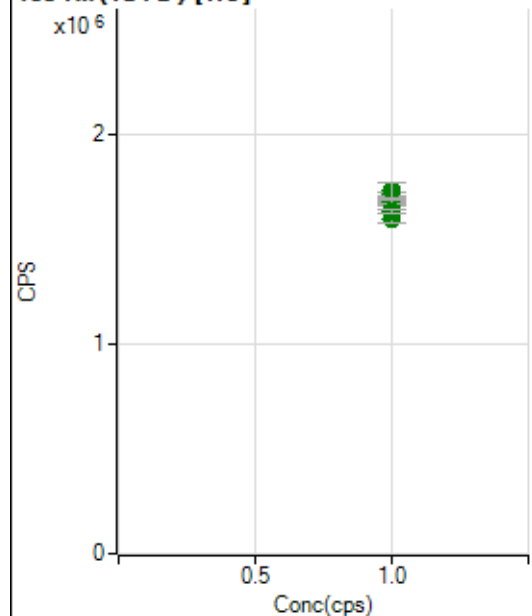
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7117558.92		A	1.2
2	☐	1.000		7101219.83		A	0.2
3	☐	1.000		7078540.94		A	2.5
4	☐	1.000		7244899.34		A	0.5
5	☐	1.000		7412221.49		A	0.9
6	☐	1.000		7284079.75		A	1.1
7	☐	1.000		7571796.49		A	0.5
8	☐	1.000		7264855.10		A	0.8

89 Y (ISTD) [He]

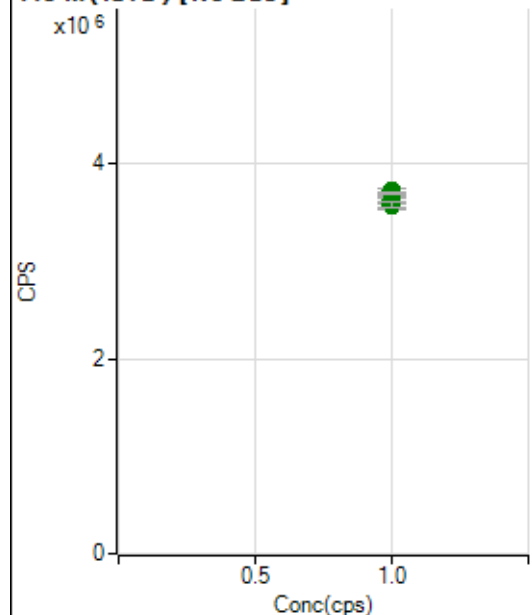
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		822127.22		P	3.8
2	☐	1.000		861937.43		P	0.6
3	☐	1.000		869425.60		P	0.8
4	☐	1.000		864778.60		P	0.2
5	☐	1.000		883735.25		P	0.3
6	☐	1.000		879220.88		P	0.5
7	☐	1.000		910160.74		P	3.9
8	☐	1.000		873630.71		P	0.4

103 Rh (ISTD) [No Gas]

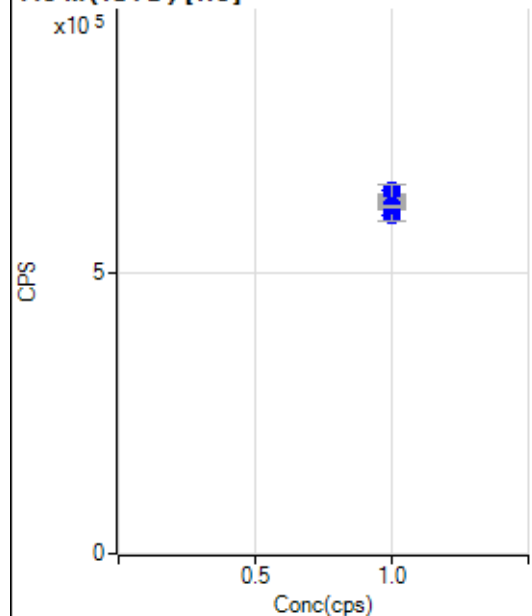
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3548780.55		A	0.9
2	☐	1.000		3563318.61		A	1.0
3	☐	1.000		3541886.97		A	2.0
4	☐	1.000		3585355.50		A	0.5
5	☐	1.000		3685950.69		A	1.1
6	☐	1.000		3568015.19		A	1.3
7	☐	1.000		3675604.77		A	0.6
8	☐	1.000		3435900.30		A	1.8

103 Rh (ISTD) [He]

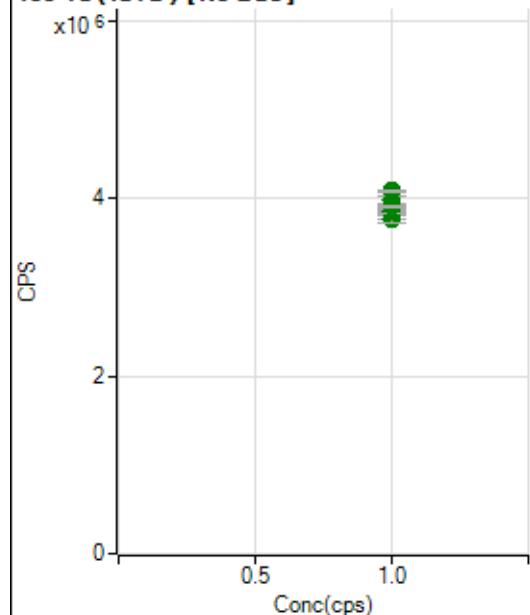
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1598668.24		A	2.8
2	☐	1.000		1661967.72		A	0.7
3	☐	1.000		1686655.11		A	0.7
4	☐	1.000		1667988.01		A	1.4
5	☐	1.000		1713514.19		A	1.2
6	☐	1.000		1679125.60		A	1.2
7	☐	1.000		1729651.85		A	4.1
8	☐	1.000		1632149.59		A	0.8

115 In (ISTD) [No Gas]

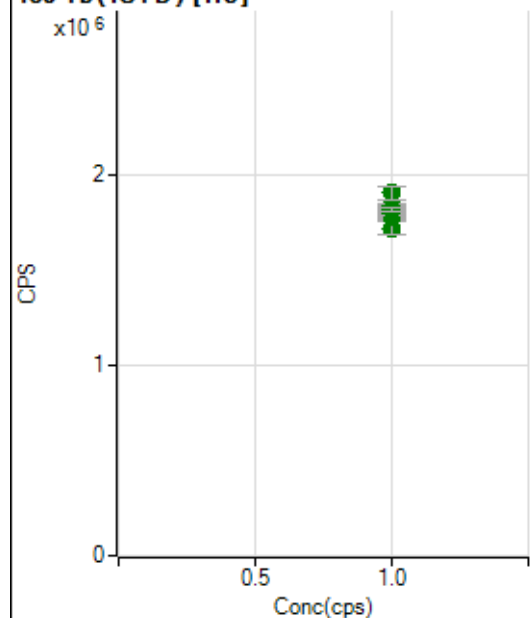
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3596057.58		A	0.6
2	☐	1.000		3573231.73		A	1.7
3	☐	1.000		3604923.88		A	3.1
4	☐	1.000		3623298.16		A	1.3
5	☐	1.000		3724328.12		A	1.4
6	☐	1.000		3639711.12		A	1.8
7	☐	1.000		3701988.60		A	0.9
8	☐	1.000		3583277.67		A	1.3

115 In (ISTD) [He]

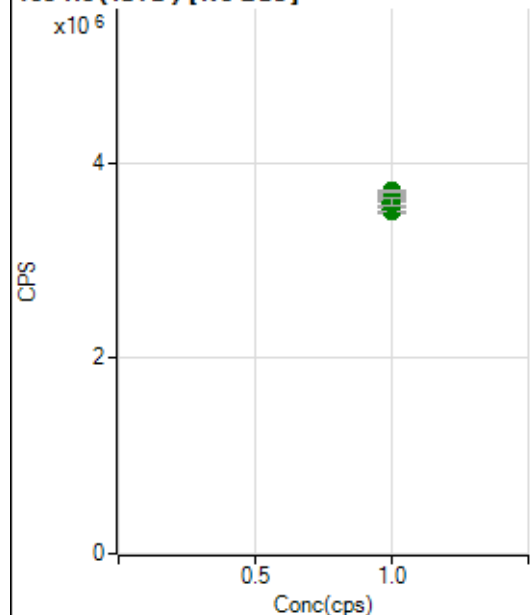
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		600967.87		P	3.4
2	☐	1.000		624629.92		P	0.3
3	☐	1.000		630641.59		P	0.4
4	☐	1.000		628923.12		P	0.2
5	☐	1.000		638563.62		P	0.6
6	☐	1.000		631291.67		P	0.6
7	☐	1.000		645912.38		P	3.8
8	☐	1.000		618801.86		P	0.4

159 Tb (ISTD) [No Gas]

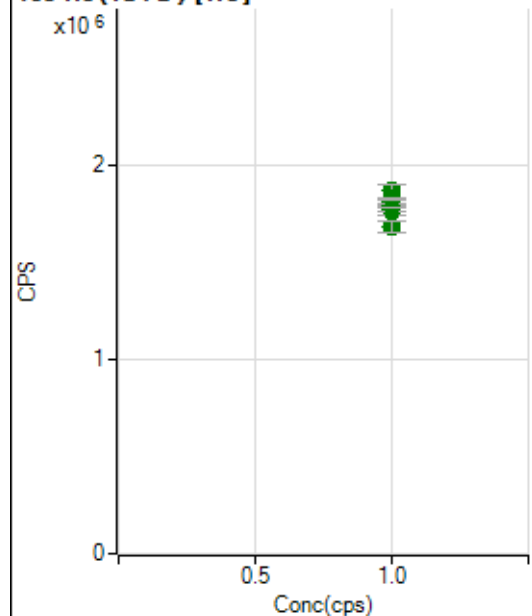
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3824503.66		A	0.3
2	☐	1.000		3811247.58		A	2.3
3	☐	1.000		3769049.52		A	2.1
4	☐	1.000		3854259.80		A	0.8
5	☐	1.000		3993753.62		A	2.0
6	☐	1.000		3911870.81		A	1.3
7	☐	1.000		4087306.09		A	0.8
8	☐	1.000		3910783.41		A	0.9

159 Tb (ISTD) [He]

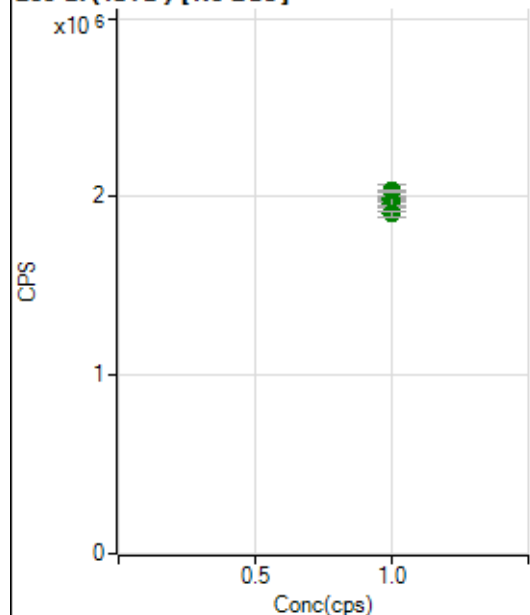
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1721158.60		A	4.1
2	☐	1.000		1779171.24		A	1.6
3	☐	1.000		1788680.72		A	0.8
4	☐	1.000		1799738.76		A	1.7
5	☐	1.000		1839776.50		A	0.5
6	☐	1.000		1839757.21		A	1.0
7	☐	1.000		1907075.87		A	3.7
8	☐	1.000		1821664.16		A	1.1

165 Ho (ISTD) [No Gas]

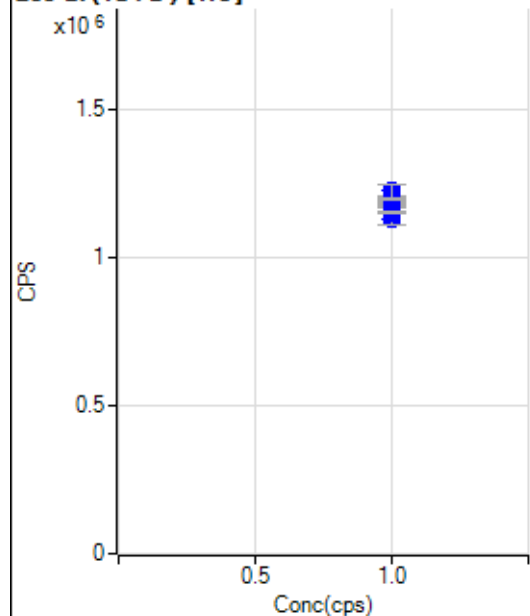
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3508641.36		A	1.6
2	☐	1.000		3517046.60		A	1.1
3	☐	1.000		3570374.47		A	1.9
4	☐	1.000		3578762.02		A	1.1
5	☐	1.000		3673259.20		A	0.7
6	☐	1.000		3644863.32		A	1.8
7	☐	1.000		3709469.22		A	0.6
8	☐	1.000		3593958.89		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1682979.51		A	3.8
2	☐	1.000		1762389.35		A	1.9
3	☐	1.000		1809750.91		A	1.5
4	☐	1.000		1774802.94		A	0.9
5	☐	1.000		1810234.31		A	1.2
6	☐	1.000		1795855.79		A	1.3
7	☐	1.000		1868470.29		A	3.5
8	☐	1.000		1830955.94		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1966111.34		A	2.1
2	☐	1.000		1979326.06		A	1.0
3	☐	1.000		1975014.10		A	3.2
4	☐	1.000		1992374.99		A	1.6
5	☐	1.000		2032736.55		A	3.0
6	☐	1.000		1979064.80		A	2.4
7	☐	1.000		2031088.81		A	0.8
8	☐	1.000		1904332.92		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1130758.71		P	3.9
2	☐	1.000		1173455.37		P	1.0
3	☐	1.000		1193221.41		P	0.7
4	☐	1.000		1183278.16		P	0.1
5	☐	1.000		1207170.06		P	0.6
6	☐	1.000		1194903.69		P	0.2
7	☐	1.000		1226382.46		P	3.6
8	☐	1.000		1153157.94		P	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8123020MS.b
Acq. Date-Time 2020-12-30 12:49:00
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		3032	30319.10			1.586	5.000
24		37112	371121.79			2.242	5.000
25		4953	49528.10			1.396	5.000
26		5697	56973.11			1.603	5.000
59		6087	60873.85			1.756	5.000
113		2690	26895.44			1.573	5.000
115		8853	88532.02			1.545	5.000
206		2725	27254.80			2.198	5.000
207		2265	22650.02			2.450	5.000
208		5494	54943.70			1.650	5.000
220		1	11.40			29.650	

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

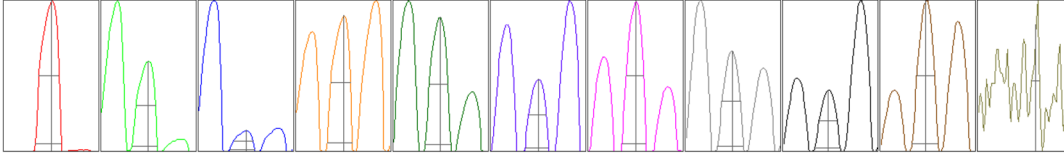
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3058	2989	2974	3053	3086
24	37151	36628	35986	38019	37777
25	4936	4930	4858	5031	5010
26	5727	5655	5559	5757	5787
59	6092	6060	5925	6156	6205
113	2698	2655	2639	2715	2741
115	8932	8844	8619	8925	8946
206	2750	2711	2629	2752	2785
207	2269	2253	2182	2286	2335
208	5508	5450	5364	5556	5594

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5138.84	9.05	8.90 - 9.10	
24	63772.43	24.00	23.90 - 24.10	
25	8532.23	25.05	24.90 - 25.10	
26	9678.10	26.05	25.90 - 26.10	
59	10978.57	59.00	58.90 - 59.10	
113	5076.81	113.05	112.90 - 113.10	
115	16815.15	115.05	114.90 - 115.10	
206	4970.71	206.00	205.90 - 206.10	
207	4125.86	206.95	206.90 - 207.10	
208	10238.98	207.95	207.90 - 208.10	
220	1.70	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.821	0.900	
24	0.62	0.793	0.900	
25	0.61	0.789	0.900	
26	0.63	0.787	0.900	
59	0.58	0.815	0.900	
113	0.55	0.736	0.900	
115	0.54	0.770	0.900	
206	0.58	0.818	0.900	
207	0.57	0.796	0.900	
208	0.56	0.822	0.900	
220	0.26			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.52 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	15.0 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		1486	14858.78			0.695	
89		50258	502584.38			0.750	
205		2475	24753.36			1.767	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	1492	1499	1488	1479	1473
89	50620	50608	50311	49772	49982
205	2521	2496	2496	2452	2411

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.52 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.7 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	3.9 mV	Analog HV	2183 V	Pulse HV	1350 V

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.49	0.77	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.04	0.24	-0.29	0.00	N/A	ppb
Boron	11-1	0.07	0.11	-0.19	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.18	-0.10	0.00	N/A	ppb
Cadmium	106-1	-1.24	2.39	-1.15	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.20	0.23	0.00	N/A	ppb
Calcium	43-1	2.24	-0.42	-1.82	0.00	N/A	ppb
Calcium	44-1	1.29	0.04	-1.33	0.00	N/A	ppb
Chromium	52-2	-0.05	0.06	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.05	0.06	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.20	1.08	0.12	0.00	N/A	ppb
Iron	56-2	-0.26	-0.08	0.34	0.00	N/A	ppb
Iron	57-2	1.33	-0.23	-1.09	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.12	-0.09	-0.02	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.02	0.02	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.02	-0.10	0.00	N/A	ppb
Phosphorus	31-2	2.48	-0.28	-42.84	-13.55		ppb
Potassium	39-2	-24.68	26.43	-1.75	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.75	-0.68	-0.08	0.00	N/A	ppb
Selenium	77-2	-2.79	-0.65	3.44	0.00	N/A	ppb
Selenium	78-2	-0.16	1.46	-1.31	0.00	N/A	ppb
Silicon	28-1	-7.19	3.50	3.68	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	-14.40	11.16	3.24	0.00	N/A	ppb
Strontium	86-1	0.17	-0.04	-0.14	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-1330.99	-539.70	-821.26	-897.32		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	-0.09	0.16	-0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	-0.13	0.04	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.02	-0.01	0.00	N/A	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:27:54	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.29	16.76	17.86	18.30	9.86	ppb
Antimony	121-1	2.01	1.94	1.95	1.97	1.87	ppb
Arsenic	75-2	1.13	1.00	1.10	1.08	6.29	ppb
Barium	135-1	10.18	10.25	9.57	10.00	3.71	ppb
Barium	137-1	9.99	10.11	9.89	10.00	1.08	ppb
Beryllium	9-1	1.08	0.94	0.90	0.97	9.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	18.69	23.59	23.04	21.77	12.34	ppb
Boron	11-1	20.23	22.15	24.29	22.22	9.14	ppb
Bromine	81-1						cps
Cadmium	111-1	1.52	1.28	0.94	1.25	23.38	ppb
Cadmium	106-1	6.15	1.16	-1.99	1.77	231.71	ppb
Cadmium	108-1	1.26	0.68	0.96	0.97	29.77	ppb
Calcium	43-1	508.47	516.18	529.48	518.04	2.05	ppb
Calcium	44-1	511.35	513.65	521.72	515.57	1.06	ppb
Chromium	52-2	1.81	1.89	1.93	1.88	3.47	ppb
Cobalt	59-2	0.94	0.91	1.05	0.97	7.58	ppb
Copper	63-2	2.31	2.28	2.25	2.28	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	55.57	58.92	52.76	55.75	5.53	ppb
Iron	56-2	53.87	53.72	52.76	53.45	1.13	ppb
Iron	57-2	53.65	50.57	55.10	53.11	4.36	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.89	0.90	0.92	5.60	ppb
Lead	207-1	0.90	0.98	0.90	0.92	5.10	ppb
Lead	208-1	0.91	0.90	0.88	0.90	1.68	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:27:54	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	526.27	520.53	512.87	519.89	1.29	ppb
Manganese	55-2	0.86	1.13	0.93	0.97	13.93	ppb
Molybdenum	94-1	4.82	4.58	5.08	4.83	5.15	ppb
Molybdenum	95-1	4.76	4.94	4.90	4.87	1.97	ppb
Molybdenum	96-1	4.73	4.79	5.10	4.87	4.05	ppb
Molybdenum	97-1	5.37	5.05	4.87	5.10	4.91	ppb
Molybdenum	98-1	5.08	5.21	5.20	5.16	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.84	0.93	0.90	5.88	ppb
Phosphorus	31-2	-11.30	3.93	48.01	13.55	227.38	ppb
Potassium	39-2	510.75	483.11	508.90	500.92	3.08	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	7.76	4.23	5.28	5.76	31.49	ppb
Selenium	77-2	-0.82	3.09	3.16	1.81	125.63	ppb
Selenium	78-2	1.94	0.37	3.61	1.97	82.21	ppb
Silicon	28-1	40.33	38.14	30.06	36.18	14.95	ppb
Silver	109-1	0.92	0.90	0.93	0.92	2.01	ppb
Silver	107-1	0.93	0.98	0.99	0.97	3.22	ppb
Sodium	23-2	520.41	515.14	514.15	516.56	0.65	ppb
Strontium	86-1	1.13	1.36	0.80	1.10	25.93	ppb
Strontium	88-1	1.03	0.94	0.97	0.98	4.39	ppb
Sulfur	34-1	569.48	737.88	1384.60	897.32	47.96	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.87	1.04	1.03	0.98	9.90	ppb
Thallium	205-1	0.95	0.99	1.02	0.99	3.44	ppb
Tin	118-1	4.88	4.87	4.53	4.76	4.18	ppb
Titanium	47-1	5.12	5.32	5.27	5.23	1.95	ppb
Uranium	238-1	0.90	0.94	0.95	0.93	2.58	ppb
Vanadium	51-2	4.98	5.04	4.70	4.91	3.67	ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:27:54	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	2.13	1.96	2.03	2.04	4.18	ppb
Zirconium	90-1	0.95	0.97	0.95	0.96	1.26	ppb
Zirconium	91-1	0.82	0.86	0.91	0.86	5.57	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1069.16	1039.75	1061.47	1056.79	1.44	ppb
Antimony	121-1	50.53	53.44	54.34	52.77	3.78	ppb
Arsenic	75-2	49.73	49.86	51.55	50.38	2.01	ppb
Barium	135-1	252.88	265.19	268.42	262.16	3.13	ppb
Barium	137-1	259.52	268.42	271.86	266.60	2.39	ppb
Beryllium	9-1	50.01	51.50	53.12	51.54	3.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	43.33	49.00	55.49	49.27	12.36	ppb
Boron	11-1	43.49	50.94	55.25	49.89	11.92	ppb
Bromine	81-1						cps
Cadmium	111-1	52.27	51.99	55.20	53.15	3.35	ppb
Cadmium	106-1	53.15	50.81	61.41	55.12	10.11	ppb
Cadmium	108-1	52.55	52.56	55.10	53.40	2.76	ppb
Calcium	43-1	5246.54	5364.24	5508.12	5372.97	2.44	ppb
Calcium	44-1	5232.80	5314.28	5512.72	5353.27	2.69	ppb
Chromium	52-2	50.92	50.31	51.38	50.87	1.05	ppb
Cobalt	59-2	50.83	49.38	50.64	50.28	1.57	ppb
Copper	63-2	523.99	519.18	523.56	522.24	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	2748.07	2705.59	2721.30	2724.99	0.79	ppb
Iron	56-2	2785.13	2705.39	2732.68	2741.07	1.48	ppb
Iron	57-2	2725.60	2626.93	2695.96	2682.83	1.89	ppb
Krypton	83-1						cps
Lead	206-1	243.12	245.45	258.67	249.08	3.37	ppb
Lead	207-1	241.06	245.29	258.14	248.16	3.59	ppb
Lead	208-1	243.49	245.85	258.61	249.31	3.26	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	5523.41	5394.38	5473.63	5463.80	1.19	ppb
Manganese	55-2	510.62	507.15	507.83	508.54	0.36	ppb
Molybdenum	94-1	252.66	257.93	267.52	259.37	2.90	ppb
Molybdenum	95-1	253.05	263.91	266.41	261.13	2.72	ppb
Molybdenum	96-1	252.91	262.95	268.17	261.35	2.97	ppb
Molybdenum	97-1	249.95	257.94	265.88	257.92	3.09	ppb
Molybdenum	98-1	254.89	256.28	266.14	259.10	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.74	50.72	51.55	51.34	1.06	ppb
Phosphorus	31-2	993.40	1068.85	860.96	974.40	10.80	ppb
Potassium	39-2	2698.13	2652.69	2637.85	2662.89	1.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	47.64	50.95	54.05	50.88	6.30	ppb
Selenium	77-2	34.14	65.53	58.45	52.70	31.24	ppb
Selenium	78-2	53.42	50.48	45.63	49.85	7.89	ppb
Silicon	28-1	63.97	78.92	89.07	77.32	16.33	ppb
Silver	109-1	51.77	53.11	53.54	52.80	1.75	ppb
Silver	107-1	52.03	53.44	53.77	53.08	1.74	ppb
Sodium	23-2	5463.03	5371.66	5435.39	5423.36	0.86	ppb
Strontium	86-1	49.72	50.32	53.24	51.09	3.69	ppb
Strontium	88-1	51.21	52.50	53.09	52.27	1.83	ppb
Sulfur	34-1	577.61	2071.43	3187.34	1945.46	67.31	ppb
Terbium	159-1				99		%
Terbium	159-2				104		%
Thallium	203-1	50.03	49.81	52.52	50.79	2.97	ppb
Thallium	205-1	49.78	50.75	52.89	51.14	3.11	ppb
Tin	118-1	51.34	51.61	52.80	51.91	1.49	ppb
Titanium	47-1	254.28	256.53	260.45	257.08	1.21	ppb
Uranium	238-1	49.13	50.10	52.49	50.57	3.43	ppb
Vanadium	51-2	49.95	49.07	49.90	49.64	0.99	ppb
Yttrium	89-1				99		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	521.06	516.59	520.80	519.48	0.48	ppb
Zirconium	90-1	50.72	51.31	53.46	51.83	2.78	ppb
Zirconium	91-1	49.41	50.20	52.55	50.72	3.21	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 13:34:13 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2688.10	2656.47	2686.97	2677.18	0.67	ppb
Antimony	121-1	129.08	130.88	131.47	130.47	0.95	ppb
Arsenic	75-2	128.05	127.88	125.55	127.16	1.10	ppb
Barium	135-1	639.82	647.56	640.61	642.66	0.66	ppb
Barium	137-1	648.90	653.75	652.15	651.60	0.38	ppb
Beryllium	9-1	128.32	129.44	127.54	128.44	0.75	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	113.18	121.47	131.33	121.99	7.45	ppb
Boron	11-1	115.03	124.88	133.02	124.31	7.25	ppb
Bromine	81-1						cps
Cadmium	111-1	126.93	126.75	129.97	127.88	1.42	ppb
Cadmium	106-1	123.08	125.67	131.86	126.87	3.56	ppb
Cadmium	108-1	131.91	125.56	126.25	127.90	2.72	ppb
Calcium	43-1	12942.73	13262.77	12846.08	13017.19	1.68	ppb
Calcium	44-1	13289.76	13379.14	12906.18	13191.69	1.90	ppb
Chromium	52-2	126.30	123.93	125.76	125.33	0.99	ppb
Cobalt	59-2	128.71	126.49	128.32	127.84	0.93	ppb
Copper	63-2	1318.34	1307.71	1309.04	1311.70	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	6838.97	6875.40	6886.83	6867.07	0.36	ppb
Iron	56-2	6789.22	6742.39	6823.82	6785.14	0.60	ppb
Iron	57-2	6733.76	6710.92	6698.28	6714.32	0.27	ppb
Krypton	83-1						cps
Lead	206-1	607.87	634.72	626.47	623.02	2.21	ppb
Lead	207-1	613.31	635.47	618.38	622.39	1.87	ppb
Lead	208-1	618.32	636.38	627.40	627.37	1.44	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:34:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	13656.19	13556.69	13482.11	13565.00	0.64	ppb
Manganese	55-2	1272.39	1273.71	1264.88	1270.33	0.38	ppb
Molybdenum	94-1	639.55	629.35	637.98	635.62	0.86	ppb
Molybdenum	95-1	643.16	633.65	650.83	642.55	1.34	ppb
Molybdenum	96-1	629.39	644.61	638.04	637.34	1.20	ppb
Molybdenum	97-1	623.86	633.78	630.00	629.22	0.80	ppb
Molybdenum	98-1	628.55	630.26	625.10	627.97	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.97	130.11	129.59	129.22	0.87	ppb
Phosphorus	31-2	2435.91	2468.62	2640.03	2514.85	4.36	ppb
Potassium	39-2	6715.33	6702.20	6740.40	6719.31	0.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	131.68	128.32	126.48	128.83	2.05	ppb
Selenium	77-2	147.05	126.83	142.77	138.88	7.67	ppb
Selenium	78-2	133.12	121.56	125.03	126.57	4.69	ppb
Silicon	28-1	133.77	139.38	123.04	132.06	6.29	ppb
Silver	109-1	127.36	128.93	132.05	129.45	1.84	ppb
Silver	107-1	129.74	130.73	131.53	130.67	0.68	ppb
Sodium	23-2	13357.86	13160.45	13484.01	13334.11	1.22	ppb
Strontium	86-1	126.52	124.79	124.15	125.15	0.98	ppb
Strontium	88-1	127.28	129.12	127.74	128.05	0.75	ppb
Sulfur	34-1	2261.52	2695.00	516.74	1824.42	63.20	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	119.85	126.79	125.03	123.89	2.91	ppb
Thallium	205-1	120.98	126.57	128.94	125.50	3.26	ppb
Tin	118-1	127.10	130.85	131.49	129.82	1.83	ppb
Titanium	47-1	629.38	641.92	634.57	635.29	0.99	ppb
Uranium	238-1	121.07	126.66	126.10	124.61	2.47	ppb
Vanadium	51-2	125.28	124.99	125.06	125.11	0.12	ppb
Yttrium	89-1				102		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:34:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1295.06	1296.67	1293.79	1295.17	0.11	ppb
Zirconium	90-1	128.50	127.85	127.00	127.78	0.59	ppb
Zirconium	91-1	125.13	124.01	126.50	125.21	1.00	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5404.25	5325.15	5344.07	5357.83	0.77	ppb
Antimony	121-1	260.36	258.84	260.00	259.73	0.31	ppb
Arsenic	75-2	258.40	254.42	255.67	256.16	0.79	ppb
Barium	135-1	1295.06	1278.95	1293.19	1289.07	0.68	ppb
Barium	137-1	1306.46	1284.73	1306.74	1299.31	0.97	ppb
Beryllium	9-1	252.08	257.72	256.33	255.38	1.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	10-1	226.91	254.25	261.82	247.66	7.42	ppb
Boron	11-1	226.02	251.38	269.49	248.96	8.77	ppb
Bromine	81-1						cps
Cadmium	111-1	256.63	256.79	254.68	256.03	0.46	ppb
Cadmium	106-1	261.25	265.18	245.82	257.41	3.98	ppb
Cadmium	108-1	262.36	261.48	261.00	261.61	0.26	ppb
Calcium	43-1	26087.43	26315.63	26476.68	26293.25	0.74	ppb
Calcium	44-1	26368.95	26364.49	27030.77	26588.07	1.44	ppb
Chromium	52-2	255.52	254.51	253.19	254.41	0.46	ppb
Cobalt	59-2	256.45	257.72	254.83	256.33	0.56	ppb
Copper	63-2	2598.45	2632.36	2599.43	2610.08	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	13909.08	13713.86	13493.12	13705.36	1.52	ppb
Iron	56-2	13488.90	13483.68	13350.84	13441.14	0.58	ppb
Iron	57-2	13588.55	13584.11	13383.03	13518.56	0.87	ppb
Krypton	83-1						cps
Lead	206-1	1296.79	1255.59	1278.27	1276.88	1.62	ppb
Lead	207-1	1289.57	1230.40	1269.55	1263.17	2.38	ppb
Lead	208-1	1299.90	1254.52	1269.78	1274.73	1.81	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	27557.06	27036.88	26923.67	27172.54	1.24	ppb
Manganese	55-2	2582.68	2551.53	2563.87	2566.03	0.61	ppb
Molybdenum	94-1	1291.69	1281.77	1276.28	1283.25	0.61	ppb
Molybdenum	95-1	1276.05	1257.60	1283.57	1272.41	1.05	ppb
Molybdenum	96-1	1273.24	1263.14	1278.67	1271.68	0.62	ppb
Molybdenum	97-1	1252.24	1254.97	1290.31	1265.84	1.68	ppb
Molybdenum	98-1	1261.61	1274.50	1293.37	1276.49	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.54	259.40	255.03	257.32	0.85	ppb
Phosphorus	31-2	5013.98	5081.02	4961.27	5018.76	1.20	ppb
Potassium	39-2	13617.65	13465.65	13506.27	13529.86	0.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	253.47	254.70	255.62	254.60	0.42	ppb
Selenium	77-2	203.95	305.02	218.02	242.33	22.59	ppb
Selenium	78-2	261.12	255.87	268.58	261.86	2.44	ppb
Silicon	28-1	255.25	244.16	258.52	252.64	2.98	ppb
Silver	109-1	259.36	254.90	257.15	257.14	0.87	ppb
Silver	107-1	262.52	259.35	259.19	260.35	0.72	ppb
Sodium	23-2	27150.87	26889.98	26653.79	26898.21	0.92	ppb
Strontium	86-1	250.17	252.72	254.27	252.39	0.82	ppb
Strontium	88-1	252.57	256.46	257.84	255.62	1.07	ppb
Sulfur	34-1	3906.04	3178.16	3628.74	3570.98	10.29	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	259.48	250.16	253.74	254.46	1.85	ppb
Thallium	205-1	258.11	251.44	253.35	254.30	1.35	ppb
Tin	118-1	260.65	255.98	257.74	258.13	0.91	ppb
Titanium	47-1	1274.67	1275.42	1274.44	1274.84	0.04	ppb
Uranium	238-1	259.29	247.15	248.80	251.74	2.62	ppb
Vanadium	51-2	254.57	252.91	249.55	252.34	1.01	ppb
Yttrium	89-1				104		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	2597.79	2596.53	2581.02	2591.78	0.36	ppb
Zirconium	90-1	251.70	255.99	256.59	254.76	1.05	ppb
Zirconium	91-1	248.59	250.41	254.92	251.30	1.30	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10820.29	10695.20	10442.12	10652.54	1.81	ppb
Antimony	121-1	520.01	512.82	509.56	514.13	1.04	ppb
Arsenic	75-2	510.03	507.29	503.76	507.03	0.62	ppb
Barium	135-1	2594.97	2518.43	2596.20	2569.87	1.73	ppb
Barium	137-1	2637.28	2576.77	2563.50	2592.52	1.52	ppb
Beryllium	9-1	502.20	512.05	504.52	506.25	1.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	450.50	510.47	527.95	496.31	8.18	ppb
Boron	11-1	451.94	508.70	530.67	497.11	8.17	ppb
Bromine	81-1						cps
Cadmium	111-1	520.52	511.40	515.03	515.65	0.89	ppb
Cadmium	106-1	523.60	512.02	502.45	512.69	2.07	ppb
Cadmium	108-1	517.84	512.44	514.41	514.89	0.53	ppb
Calcium	43-1	53043.30	52269.15	52732.74	52681.73	0.74	ppb
Calcium	44-1	52650.23	52066.12	52717.15	52477.83	0.68	ppb
Chromium	52-2	511.74	505.19	497.27	504.73	1.44	ppb
Cobalt	59-2	512.89	504.03	493.20	503.38	1.96	ppb
Copper	63-2	5146.43	5033.23	4998.99	5059.55	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	27478.68	27180.69	26572.51	27077.29	1.71	ppb
Iron	56-2	26773.70	26609.82	26419.93	26601.15	0.67	ppb
Iron	57-2	26959.69	26733.83	26533.10	26742.21	0.80	ppb
Krypton	83-1						cps
Lead	206-1	2603.06	2565.76	2533.06	2567.30	1.36	ppb
Lead	207-1	2614.49	2568.16	2562.20	2581.62	1.11	ppb
Lead	208-1	2587.44	2553.18	2540.89	2560.50	0.94	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	53766.75	53930.74	52214.80	53304.10	1.78	ppb
Manganese	55-2	5060.35	5085.23	5001.56	5049.05	0.85	ppb
Molybdenum	94-1	2542.33	2595.61	2551.98	2563.31	1.11	ppb
Molybdenum	95-1	2572.34	2536.84	2569.80	2559.66	0.77	ppb
Molybdenum	96-1	2593.35	2531.49	2539.56	2554.80	1.32	ppb
Molybdenum	97-1	2594.15	2507.23	2557.89	2553.09	1.71	ppb
Molybdenum	98-1	2598.29	2534.11	2575.77	2569.39	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.48	508.61	498.84	505.98	1.24	ppb
Phosphorus	31-2	9692.58	9851.81	10477.60	10007.33	4.15	ppb
Potassium	39-2	26904.64	26541.68	25878.85	26441.72	1.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	518.83	507.26	509.88	511.99	1.18	ppb
Selenium	77-2	490.35	523.09	495.49	502.98	3.50	ppb
Selenium	78-2	508.29	523.70	497.72	509.90	2.56	ppb
Silicon	28-1	519.80	505.95	521.63	515.79	1.66	ppb
Silver	109-1	518.07	504.93	510.49	511.17	1.29	ppb
Silver	107-1	518.05	520.34	505.10	514.50	1.60	ppb
Sodium	23-2	53309.91	53683.86	52037.64	53010.47	1.63	ppb
Strontium	86-1	514.20	500.18	509.90	508.10	1.41	ppb
Strontium	88-1	506.34	503.66	505.49	505.16	0.27	ppb
Sulfur	34-1	11222.70	8387.70	8786.47	9465.62	16.21	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	526.03	512.01	502.01	513.35	2.35	ppb
Thallium	205-1	519.68	510.13	498.98	509.59	2.03	ppb
Tin	118-1	519.63	516.22	517.06	517.64	0.34	ppb
Titanium	47-1	2571.32	2549.17	2575.65	2565.38	0.55	ppb
Uranium	238-1	518.60	503.25	508.88	510.24	1.52	ppb
Vanadium	51-2	508.52	503.87	493.12	501.84	1.57	ppb
Yttrium	89-1				102		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	5130.00	5101.63	4980.34	5070.66	1.57	ppb
Zirconium	90-1	523.18	509.07	520.19	517.48	1.44	ppb
Zirconium	91-1	511.70	512.55	506.33	510.19	0.66	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:43:17	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20259.57	20786.13	22039.32	21028.34	4.35	ppb
Antimony	121-1	978.52	996.44	994.07	989.68	0.98	ppb
Arsenic	75-2	964.42	975.77	1043.77	994.65	4.31	ppb
Barium	135-1	4958.03	4960.14	4939.28	4952.48	0.23	ppb
Barium	137-1	4894.65	4946.18	4970.94	4937.26	0.79	ppb
Beryllium	9-1	993.34	999.87	991.86	995.02	0.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	925.90	1009.67	1073.20	1002.92	7.37	ppb
Boron	11-1	928.87	1013.15	1063.58	1001.87	6.79	ppb
Bromine	81-1						cps
Cadmium	111-1	987.76	993.63	989.06	990.15	0.31	ppb
Cadmium	106-1	994.94	995.12	983.88	991.31	0.65	ppb
Cadmium	108-1	978.98	990.10	998.27	989.12	0.98	ppb
Calcium	43-1	101814.76	103724.68	102147.80	102562.41	0.99	ppb
Calcium	44-1	101213.71	103358.64	101162.80	101911.72	1.23	ppb
Chromium	52-2	959.79	985.25	1044.30	996.45	4.35	ppb
Cobalt	59-2	957.50	981.56	1050.02	996.36	4.82	ppb
Copper	63-2	9710.94	9666.26	10424.44	9933.88	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	53412.22	53812.98	56927.34	54717.51	3.52	ppb
Iron	56-2	50990.30	51849.32	55384.53	52741.38	4.42	ppb
Iron	57-2	50623.58	51612.00	55569.23	52601.60	4.98	ppb
Krypton	83-1						cps
Lead	206-1	4922.48	4954.86	5002.44	4959.92	0.81	ppb
Lead	207-1	4928.03	5013.21	4927.71	4956.32	0.99	ppb
Lead	208-1	4974.43	4958.49	4957.00	4963.31	0.19	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:43:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	101040.92	102083.91	109062.82	104062.55	4.19	ppb
Manganese	55-2	9584.58	9807.56	10475.87	9956.00	4.66	ppb
Molybdenum	94-1	4839.86	5054.23	4980.63	4958.24	2.20	ppb
Molybdenum	95-1	4939.14	4984.73	4961.58	4961.82	0.46	ppb
Molybdenum	96-1	4922.48	4971.29	5001.43	4965.07	0.80	ppb
Molybdenum	97-1	4875.60	5021.61	5008.50	4968.57	1.63	ppb
Molybdenum	98-1	4924.97	4998.38	4950.22	4957.86	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	963.66	977.66	1042.44	994.59	4.23	ppb
Phosphorus	31-2	19099.26	19683.56	21190.39	19991.07	5.40	ppb
Potassium	39-2	50871.35	51813.57	55027.86	52570.93	4.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	976.81	1000.87	999.31	992.33	1.36	ppb
Selenium	77-2	907.19	992.31	1096.22	998.58	9.48	ppb
Selenium	78-2	952.02	967.63	1056.08	991.91	5.66	ppb
Silicon	28-1	948.28	1013.29	1005.23	988.93	3.58	ppb
Silver	109-1	1009.67	984.58	981.56	991.94	1.56	ppb
Silver	107-1	984.14	979.50	1004.26	989.30	1.33	ppb
Sodium	23-2	101807.15	103888.71	108942.94	104879.60	3.50	ppb
Strontium	86-1	986.16	1001.70	997.98	995.28	0.82	ppb
Strontium	88-1	988.67	1008.24	989.65	995.52	1.11	ppb
Sulfur	34-1	20856.81	20934.61	20193.44	20661.62	1.97	ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	993.47	990.69	992.78	992.31	0.15	ppb
Thallium	205-1	994.50	984.39	1003.14	994.01	0.94	ppb
Tin	118-1	974.94	995.17	995.25	988.45	1.18	ppb
Titanium	47-1	4937.84	4999.67	4940.86	4959.46	0.70	ppb
Uranium	238-1	1001.98	993.12	988.29	994.46	0.70	ppb
Vanadium	51-2	963.30	988.52	1043.69	998.50	4.12	ppb
Yttrium	89-1				106		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:43:17	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	9646.57	9806.64	10352.11	9935.11	3.72	ppb
Zirconium	90-1	978.87	995.44	994.57	989.63	0.94	ppb
Zirconium	91-1	981.44	1008.05	994.06	994.51	1.34	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100870.00	99323.76	98924.81	99706.19	1.03	ppb
Antimony	121-1	0.75	0.68	0.77	0.73	6.14	ppb
Arsenic	75-2	0.37	0.42	0.38	0.39	6.42	ppb
Barium	135-1	1.58	1.34	1.20	1.38	14.06	ppb
Barium	137-1	1.89	1.37	1.17	1.48	25.20	ppb
Beryllium	9-1	0.64	0.59	0.47	0.57	15.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	159.40	148.43	135.19	147.67	8.21	ppb
Boron	11-1	161.10	147.47	133.49	147.35	9.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.52	0.29	0.41	27.96	ppb
Cadmium	106-1	1.33	2.57	-0.42	1.16	129.75	ppb
Cadmium	108-1	0.54	0.62	0.39	0.52	23.11	ppb
Calcium	43-1	496776.37	497092.15	503545.49	499138.00	0.77	ppb
Calcium	44-1	494731.23	497077.95	505999.70	499269.63	1.19	ppb
Chromium	52-2	3.31	3.39	3.37	3.36	1.33	ppb
Cobalt	59-2	1.28	1.28	1.35	1.31	3.05	ppb
Copper	63-2	4.98	4.58	4.45	4.67	5.94	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				109		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	250234.10	247561.19	248517.18	248770.82	0.54	ppb
Iron	56-2	250258.84	250087.85	247339.60	249228.76	0.66	ppb
Iron	57-2	250280.00	249314.75	248128.53	249241.09	0.43	ppb
Krypton	83-1						cps
Lead	206-1	5.34	5.01	5.08	5.14	3.37	ppb
Lead	207-1	5.21	4.86	5.22	5.10	4.07	ppb
Lead	208-1	5.33	4.98	5.13	5.15	3.44	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	506845.91	496449.30	492856.30	498717.17	1.46	ppb
Manganese	55-2	5.00	4.53	4.91	4.81	5.13	ppb
Molybdenum	94-1	1.67	1.44	1.27	1.46	13.93	ppb
Molybdenum	95-1	1.67	1.25	1.37	1.43	14.96	ppb
Molybdenum	96-1	1.96	1.71	1.60	1.76	10.70	ppb
Molybdenum	97-1	1.64	1.33	1.25	1.41	14.69	ppb
Molybdenum	98-1	1.57	1.33	1.19	1.36	13.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.25	2.69	2.48	9.01	ppb
Phosphorus	31-2	-17.72	-2.63	68.29	15.98	287.41	ppb
Potassium	39-2	251144.65	250084.70	246601.01	249276.79	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	1.54	3.25	0.18	1.66	92.67	ppb
Selenium	77-2	-2.79	-0.84	-2.79	-2.14		ppb
Selenium	78-2	-2.11	-4.90	-3.28	-3.43		ppb
Silicon	28-1	68.59	73.86	97.91	80.12	19.51	ppb
Silver	109-1	0.42	0.41	0.31	0.38	16.65	ppb
Silver	107-1	0.41	0.34	0.34	0.36	11.82	ppb
Sodium	23-2	505829.26	494433.75	495546.05	498603.02	1.26	ppb
Strontium	86-1	5.13	4.93	5.56	5.20	6.14	ppb
Strontium	88-1	5.40	5.37	5.34	5.37	0.55	ppb
Sulfur	34-1	-4113.23	-3566.14	-2875.33	-3518.24		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.78	0.61	0.60	0.66	15.82	ppb
Thallium	205-1	0.89	0.81	0.71	0.81	11.49	ppb
Tin	118-1	0.50	0.48	0.45	0.48	5.24	ppb
Titanium	47-1	1.69	0.72	0.64	1.02	58.02	ppb
Uranium	238-1	0.21	0.14	0.12	0.16	28.12	ppb
Vanadium	51-2	0.09	0.11	0.07	0.09	21.86	ppb
Yttrium	89-1				102		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	7.48	7.85	7.31	7.55	3.64	ppb
Zirconium	90-1	0.38	0.31	0.31	0.33	12.69	ppb
Zirconium	91-1	0.40	0.33	0.16	0.30	42.48	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	513.17	509.23	504.86	509.09	0.82	ppb
Antimony	121-1	187.08	199.02	192.66	192.92	3.10	ppb
Arsenic	75-2	198.67	199.85	197.06	198.53	0.71	ppb
Barium	135-1	96.63	103.33	98.00	99.32	3.57	ppb
Barium	137-1	97.44	102.09	101.48	100.34	2.52	ppb
Beryllium	9-1	92.72	93.34	98.85	94.97	3.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	670.43	684.01	739.09	697.84	5.21	ppb
Boron	11-1	676.12	684.52	735.15	698.60	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	98.28	103.56	101.21	101.02	2.62	ppb
Cadmium	106-1	144.94	159.33	156.75	153.67	5.00	ppb
Cadmium	108-1	134.73	139.19	144.36	139.42	3.46	ppb
Calcium	43-1	2065.43	2105.17	2142.16	2104.25	1.82	ppb
Calcium	44-1	2012.18	2032.78	2056.57	2033.84	1.09	ppb
Chromium	52-2	98.43	97.12	96.75	97.43	0.91	ppb
Cobalt	59-2	98.56	99.21	99.18	98.98	0.37	ppb
Copper	63-2	105.16	103.40	103.04	103.86	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2148.12	2127.88	2104.42	2126.81	1.03	ppb
Iron	56-2	2061.28	2075.66	2023.54	2053.49	1.31	ppb
Iron	57-2	2076.25	2125.73	2018.71	2073.56	2.58	ppb
Krypton	83-1						cps
Lead	206-1	189.52	201.08	198.21	196.27	3.07	ppb
Lead	207-1	177.27	184.58	185.75	182.53	2.52	ppb
Lead	208-1	184.27	191.59	191.38	189.08	2.20	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	1181.97	1195.38	1195.51	1190.95	0.65	ppb
Manganese	55-2	100.98	100.25	101.01	100.75	0.43	ppb
Molybdenum	94-1	2471.36	2537.68	2518.14	2509.06	1.36	ppb
Molybdenum	95-1	2562.00	2590.99	2557.83	2570.28	0.70	ppb
Molybdenum	96-1	2508.03	2565.36	2526.23	2533.21	1.16	ppb
Molybdenum	97-1	2521.34	2578.72	2567.18	2555.75	1.19	ppb
Molybdenum	98-1	2511.39	2584.11	2558.67	2551.39	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.88	99.60	99.56	100.02	0.75	ppb
Phosphorus	31-2	8.87	9.46	2.07	6.80	60.34	ppb
Potassium	39-2	1944.81	1965.39	1987.19	1965.80	1.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	191.99	197.67	197.94	195.87	1.72	ppb
Selenium	77-2	178.05	175.03	169.23	174.10	2.58	ppb
Selenium	78-2	196.81	195.77	199.98	197.52	1.11	ppb
Silicon	28-1	465.13	459.91	487.98	471.01	3.17	ppb
Silver	109-1	45.44	49.34	47.94	47.57	4.16	ppb
Silver	107-1	46.99	49.69	48.30	48.33	2.79	ppb
Sodium	23-2	2014.19	2043.67	2002.88	2020.24	1.04	ppb
Strontium	86-1	463.34	481.78	475.23	473.45	1.97	ppb
Strontium	88-1	465.05	477.06	480.80	474.30	1.73	ppb
Sulfur	34-1	-2524.69	-3757.07	-1823.87	-2701.88		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	189.09	199.47	199.36	195.97	3.04	ppb
Thallium	205-1	192.92	200.31	199.69	197.64	2.07	ppb
Tin	118-1	470.40	498.48	490.10	486.33	2.96	ppb
Titanium	47-1	2458.31	2482.68	2521.17	2487.39	1.27	ppb
Uranium	238-1	451.33	484.80	473.97	470.04	3.63	ppb
Vanadium	51-2	94.98	95.78	94.83	95.20	0.54	ppb
Yttrium	89-1				101		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	192.94	194.08	194.45	193.82	0.41	ppb
Zirconium	90-1	479.45	483.53	485.26	482.74	0.62	ppb
Zirconium	91-1	466.63	484.59	480.09	477.11	1.96	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.91	19.54	17.49	18.98	6.89	ppb
Antimony	121-1	1.99	1.94	2.05	1.99	2.83	ppb
Arsenic	75-2	1.06	1.04	0.85	0.98	11.73	ppb
Barium	135-1	9.90	9.64	9.90	9.81	1.53	ppb
Barium	137-1	9.84	9.91	11.43	10.39	8.64	ppb
Beryllium	9-1	0.93	1.03	1.10	1.02	8.42	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	29.39	30.95	40.48	33.61	17.87	ppb
Boron	11-1	27.87	30.91	36.05	31.61	13.07	ppb
Bromine	81-1						cps
Cadmium	111-1	1.23	0.71	1.29	1.08	29.74	ppb
Cadmium	106-1	2.90	-3.28	1.72	0.44	738.37	ppb
Cadmium	108-1	0.51	1.11	1.17	0.93	39.54	ppb
Calcium	43-1	476.29	468.31	551.89	498.83	9.25	ppb
Calcium	44-1	482.20	482.12	558.11	507.48	8.64	ppb
Chromium	52-2	1.82	1.96	1.88	1.89	3.77	ppb
Cobalt	59-2	0.94	1.00	1.05	0.99	5.22	ppb
Copper	63-2	2.37	2.39	2.39	2.38	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	52.65	57.27	59.59	56.50	6.25	ppb
Iron	56-2	53.84	53.97	52.80	53.54	1.20	ppb
Iron	57-2	56.94	62.94	57.28	59.05	5.71	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.95	1.16	1.02	11.69	ppb
Lead	207-1	0.75	0.82	1.12	0.90	21.91	ppb
Lead	208-1	0.95	0.93	1.09	0.99	8.73	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	523.59	521.62	507.91	517.71	1.65	ppb
Manganese	55-2	1.01	0.86	0.97	0.95	7.94	ppb
Molybdenum	94-1	4.79	4.90	5.43	5.04	6.75	ppb
Molybdenum	95-1	4.68	4.90	5.75	5.11	11.07	ppb
Molybdenum	96-1	4.95	4.99	5.29	5.08	3.65	ppb
Molybdenum	97-1	4.66	4.82	5.27	4.92	6.47	ppb
Molybdenum	98-1	4.53	4.98	5.17	4.89	6.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.96	0.80	0.95	15.01	ppb
Phosphorus	31-2	-20.12	2.05	45.38	9.10	365.94	ppb
Potassium	39-2	480.84	486.02	511.25	492.70	3.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	4.05	5.90	9.44	6.46	42.39	ppb
Selenium	77-2	-2.79	9.50	-0.75	1.98	331.77	ppb
Selenium	78-2	1.64	4.36	1.50	2.50	64.37	ppb
Silicon	28-1	23.92	12.64	145.57	60.71	121.41	ppb
Silver	109-1	0.95	1.00	1.02	0.99	3.90	ppb
Silver	107-1	0.94	1.00	0.99	0.98	3.26	ppb
Sodium	23-2	522.09	531.39	525.24	526.24	0.90	ppb
Strontium	86-1	0.85	0.80	1.60	1.08	41.53	ppb
Strontium	88-1	0.92	0.94	1.07	0.98	8.23	ppb
Sulfur	34-1	-99.63	-922.30	5194.38	1390.82	238.68	ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.91	0.90	0.91	1.58	ppb
Thallium	205-1	0.99	0.92	1.11	1.00	9.36	ppb
Tin	118-1	5.08	4.91	5.37	5.12	4.57	ppb
Titanium	47-1	4.87	5.08	5.22	5.06	3.56	ppb
Uranium	238-1	0.87	0.90	0.98	0.92	6.31	ppb
Vanadium	51-2	4.99	4.95	4.93	4.96	0.60	ppb
Yttrium	89-1				95		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.12	1.90	2.07	2.03	5.60	ppb
Zirconium	90-1	0.89	0.92	0.99	0.93	5.20	ppb
Zirconium	91-1	1.05	0.97	1.04	1.02	4.18	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:30:19 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.69	-3.37	-0.74	-1.93		ppb
Antimony	121-1	0.00	0.02	0.01	0.01	97.39	ppb
Arsenic	75-2	0.01	-0.01	0.05	0.02	154.85	ppb
Barium	135-1	-0.02	0.02	-0.01	0.00		ppb
Barium	137-1	0.04	0.01	-0.01	0.01	184.59	ppb
Beryllium	9-1	0.01	0.05	0.04	0.03	64.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	11.87	12.40	13.24	12.50	5.51	ppb
Boron	11-1	12.81	11.95	12.65	12.47	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.14	-0.05	-0.07		ppb
Cadmium	106-1	-0.40	-2.19	-0.58	-1.06		ppb
Cadmium	108-1	-0.29	-0.37	-0.12	-0.26		ppb
Calcium	43-1	-1.06	0.23	2.01	0.39	390.84	ppb
Calcium	44-1	-12.49	-14.11	-15.22	-13.94		ppb
Chromium	52-2	0.00	-0.12	-0.08	-0.07		ppb
Cobalt	59-2	0.02	-0.01	0.00	0.00	289.04	ppb
Copper	63-2	0.10	0.17	0.10	0.12	31.70	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				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	-0.09	1.15	-0.33	0.24	325.31	ppb
Iron	56-2	0.52	0.52	0.17	0.40	50.63	ppb
Iron	57-2	0.73	2.83	-1.91	0.55	432.23	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.04	0.09	0.04	121.43	ppb
Lead	207-1	0.04	0.01	-0.05	0.00		ppb
Lead	208-1	0.05	0.03	0.04	0.04	13.41	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:30:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	3.22	0.64	1.94	1.93	66.65	ppb
Manganese	55-2	0.04	0.09	-0.01	0.04	127.59	ppb
Molybdenum	94-1	0.03	0.09	0.08	0.06	44.56	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.02	24.68	ppb
Molybdenum	96-1	0.00	0.03	-0.01	0.00	420.95	ppb
Molybdenum	97-1	0.01	0.04	0.01	0.02	84.62	ppb
Molybdenum	98-1	0.00	0.00	0.02	0.01	198.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.18	-0.10		ppb
Phosphorus	31-2	-24.98	37.55	27.31	13.29	252.27	ppb
Potassium	39-2	2.38	-9.22	-23.78	-10.21		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	2.72	0.05	0.74	1.17	118.88	ppb
Selenium	77-2	1.36	-2.79	3.30	0.62	499.45	ppb
Selenium	78-2	-1.90	-3.32	-4.55	-3.25		ppb
Silicon	28-1	-6.83	0.47	6.71	0.12	5807.87	ppb
Silver	109-1	0.00	0.01	0.02	0.01	80.49	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	9.99	-12.08	-3.17	-1.75		ppb
Strontium	86-1	-0.20	0.03	-0.18	-0.12		ppb
Strontium	88-1	-0.01	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-1899.69	-1768.79	-2028.56	-1899.01		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.03	-0.01	-0.01	0.01	457.70	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	129.45	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.05	-0.04	0.15	0.05	170.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	890.74	ppb
Yttrium	89-1				101		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:30:19	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	0.12	-0.17	-0.17	-0.08		ppb
Zirconium	90-1	0.00	0.01	-0.02	0.00		ppb
Zirconium	91-1	0.01	-0.02	-0.02	-0.01		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:33:12	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95424.70	98374.75	102267.75	98689.07	3.48	ppb
Antimony	121-1	0.97	1.08	1.16	1.07	8.84	ppb
Arsenic	75-2	0.24	0.33	0.43	0.33	28.78	ppb
Barium	135-1	1.50	1.59	1.61	1.56	3.77	ppb
Barium	137-1	1.25	1.36	1.43	1.35	6.78	ppb
Beryllium	9-1	0.31	0.33	0.30	0.31	5.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	11.06	12.45	11.75	11.75	5.89	ppb
Boron	11-1	11.84	11.08	11.06	11.33	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.81	0.18	0.25	0.41	83.52	ppb
Cadmium	106-1	4.81	-2.59	-1.49	0.24	1652.96	ppb
Cadmium	108-1	9.28	8.42	10.22	9.31	9.65	ppb
Calcium	43-1	96816.03	101759.38	97870.46	98815.29	2.63	ppb
Calcium	44-1	98386.38	101467.94	99756.49	99870.27	1.55	ppb
Chromium	52-2	18.49	19.20	19.94	19.21	3.78	ppb
Cobalt	59-2	1.17	1.15	1.10	1.14	3.07	ppb
Copper	63-2	8.69	8.76	9.20	8.88	3.13	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				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	100869.48	102608.05	107599.48	103692.34	3.37	ppb
Iron	56-2	99206.40	103619.62	105655.29	102827.10	3.21	ppb
Iron	57-2	100763.74	104472.87	108468.15	104568.25	3.68	ppb
Krypton	83-1						cps
Lead	206-1	4.20	4.46	4.71	4.46	5.77	ppb
Lead	207-1	3.81	4.01	4.03	3.95	3.16	ppb
Lead	208-1	4.01	4.20	4.28	4.16	3.38	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:33:12	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	94463.81	98674.24	101208.57	98115.54	3.47	ppb
Manganese	55-2	6.87	7.42	7.40	7.23	4.30	ppb
Molybdenum	94-1	1304.47	1364.81	1371.08	1346.79	2.73	ppb
Molybdenum	95-1	1894.25	1942.45	1952.73	1929.81	1.62	ppb
Molybdenum	96-1	1830.38	1876.94	1842.91	1850.08	1.30	ppb
Molybdenum	97-1	1885.90	1978.94	1898.98	1921.27	2.62	ppb
Molybdenum	98-1	1884.41	1934.23	1939.18	1919.28	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	5.46	5.25	5.17	6.58	ppb
Phosphorus	31-2	90899.27	94272.86	98565.73	94579.29	4.06	ppb
Potassium	39-2	95550.99	98712.87	102488.21	98917.36	3.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	1.94	1.33	0.85	1.38	39.54	ppb
Selenium	77-2	-0.90	-2.79	-2.79	-2.16		ppb
Selenium	78-2	-4.81	-2.39	0.28	-2.31		ppb
Silicon	28-1	52.13	64.22	32.88	49.74	31.77	ppb
Silver	109-1	0.02	0.03	0.04	0.03	35.29	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.28	ppb
Sodium	23-2	98969.71	102040.50	105723.53	102244.58	3.31	ppb
Strontium	86-1	32.36	33.31	34.04	33.23	2.53	ppb
Strontium	88-1	33.32	33.90	34.13	33.78	1.23	ppb
Sulfur	34-1	87499.98	94191.12	86365.57	89352.22	4.73	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.10	0.05	0.06	66.28	ppb
Thallium	205-1	0.08	0.05	0.06	0.06	19.31	ppb
Tin	118-1	0.25	0.30	0.24	0.26	11.09	ppb
Titanium	47-1	1914.70	2019.03	1968.73	1967.49	2.65	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	7.03	ppb
Vanadium	51-2	0.11	0.10	0.12	0.11	9.76	ppb
Yttrium	89-1				101		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:33:12	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	10.47	11.39	12.10	11.32	7.20	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	20.99	ppb
Zirconium	91-1	-0.02	-0.01	0.04	0.00		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86354.77	98459.96	99215.32	94676.68	7.62	ppb
Antimony	121-1	20.83	20.74	20.46	20.67	0.93	ppb
Arsenic	75-2	17.63	19.58	20.01	19.08	6.65	ppb
Barium	135-1	21.60	20.84	19.71	20.71	4.59	ppb
Barium	137-1	21.39	21.99	20.56	21.31	3.38	ppb
Beryllium	9-1	18.81	19.38	19.13	19.11	1.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	77.17	77.37	78.46	77.67	0.90	ppb
Boron	11-1	75.79	77.30	78.70	77.26	1.88	ppb
Bromine	81-1						cps
Cadmium	111-1	18.83	19.36	18.84	19.01	1.62	ppb
Cadmium	106-1	22.28	25.27	22.29	23.28	7.41	ppb
Cadmium	108-1	31.05	29.98	34.53	31.86	7.47	ppb
Calcium	43-1	96955.03	100448.08	102331.49	99911.53	2.73	ppb
Calcium	44-1	97293.91	99262.41	100480.51	99012.28	1.62	ppb
Chromium	52-2	33.57	38.35	38.14	36.69	7.36	ppb
Cobalt	59-2	17.69	20.46	20.67	19.60	8.47	ppb
Copper	63-2	25.77	29.67	29.83	28.42	8.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	54-2	90897.67	104787.89	103976.41	99887.33	7.80	ppb
Iron	56-2	90118.93	102860.22	102450.50	98476.55	7.35	ppb
Iron	57-2	91158.74	104212.95	105214.96	100195.55	7.83	ppb
Krypton	83-1						cps
Lead	206-1	23.57	23.78	23.47	23.61	0.67	ppb
Lead	207-1	21.64	20.68	21.41	21.25	2.36	ppb
Lead	208-1	22.34	22.06	22.49	22.30	0.98	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	86017.75	96954.74	98299.51	93757.34	7.18	ppb
Manganese	55-2	23.32	26.07	26.57	25.32	6.92	ppb
Molybdenum	94-1	1426.03	1442.36	1425.74	1431.38	0.66	ppb
Molybdenum	95-1	1911.80	1939.57	1954.94	1935.44	1.13	ppb
Molybdenum	96-1	1852.78	1905.67	1848.27	1868.91	1.71	ppb
Molybdenum	97-1	1878.17	1976.43	1931.77	1928.79	2.55	ppb
Molybdenum	98-1	1872.64	1943.54	1906.08	1907.42	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.52	25.13	24.60	23.75	8.21	ppb
Phosphorus	31-2	80566.66	94284.86	93639.11	89496.87	8.65	ppb
Potassium	39-2	87763.25	98442.31	98838.05	95014.54	6.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	82-1	18.33	17.39	23.47	19.73	16.57	ppb
Selenium	77-2	9.25	10.72	13.11	11.02	17.68	ppb
Selenium	78-2	17.79	20.88	19.16	19.28	8.04	ppb
Silicon	28-1	121.95	108.65	127.94	119.51	8.26	ppb
Silver	109-1	18.48	18.78	18.68	18.65	0.82	ppb
Silver	107-1	18.90	19.00	18.88	18.93	0.32	ppb
Sodium	23-2	90307.11	102547.48	102804.19	98552.93	7.25	ppb
Strontium	86-1	82.22	87.38	85.34	84.98	3.05	ppb
Strontium	88-1	85.03	87.76	86.51	86.43	1.58	ppb
Sulfur	34-1	86836.10	86000.81	90145.12	87660.67	2.50	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	18.92	19.17	19.15	19.08	0.72	ppb
Thallium	205-1	19.41	19.44	19.77	19.54	1.03	ppb
Tin	118-1	52.70	53.14	52.20	52.68	0.89	ppb
Titanium	47-1	1963.98	2043.37	2065.96	2024.44	2.65	ppb
Uranium	238-1	52.44	51.82	53.60	52.62	1.72	ppb
Vanadium	51-2	16.82	19.58	19.49	18.63	8.40	ppb
Yttrium	89-1				105		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				111		%
Zinc	66-2	27.46	31.21	31.32	30.00	7.34	ppb
Zirconium	90-1	51.61	53.37	52.92	52.63	1.74	ppb
Zirconium	91-1	50.80	53.72	52.47	52.33	2.80	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52292.06	51987.52	51714.68	51998.08	0.56	ppb
Antimony	121-1	491.31	506.70	490.85	496.29	1.82	ppb
Arsenic	75-2	505.34	503.05	503.89	504.10	0.23	ppb
Barium	135-1	2460.11	2511.76	2493.18	2488.35	1.05	ppb
Barium	137-1	2473.76	2548.13	2475.41	2499.10	1.70	ppb
Beryllium	9-1	473.63	495.24	475.30	481.39	2.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	465.68	517.22	536.98	506.63	7.27	ppb
Boron	11-1	462.23	528.48	535.28	508.66	7.93	ppb
Bromine	81-1						cps
Cadmium	111-1	481.28	493.66	486.67	487.20	1.27	ppb
Cadmium	106-1	481.66	506.52	498.42	495.53	2.56	ppb
Cadmium	108-1	494.58	508.20	492.09	498.29	1.74	ppb
Calcium	43-1	241058.21	253013.70	242481.96	245517.96	2.66	ppb
Calcium	44-1	244118.95	247966.32	245062.34	245715.87	0.82	ppb
Chromium	52-2	508.74	505.25	506.18	506.72	0.36	ppb
Cobalt	59-2	504.39	499.91	494.26	499.52	1.02	ppb
Copper	63-2	5103.59	4944.97	4975.90	5008.15	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	132892.49	131569.83	129939.19	131467.17	1.13	ppb
Iron	56-2	130354.39	129099.78	129116.61	129523.59	0.56	ppb
Iron	57-2	134402.82	131451.74	132816.31	132890.29	1.11	ppb
Krypton	83-1						cps
Lead	206-1	2469.01	2559.14	2555.45	2527.86	2.02	ppb
Lead	207-1	2475.65	2594.61	2546.28	2538.85	2.36	ppb
Lead	208-1	2455.55	2545.41	2527.22	2509.39	1.89	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	262022.67	259138.49	258970.34	260043.83	0.66	ppb
Manganese	55-2	5095.34	5088.35	5120.00	5101.23	0.33	ppb
Molybdenum	94-1	2408.08	2477.46	2545.52	2477.02	2.77	ppb
Molybdenum	95-1	2482.56	2513.35	2543.36	2513.09	1.21	ppb
Molybdenum	96-1	2457.67	2472.63	2523.66	2484.66	1.39	ppb
Molybdenum	97-1	2432.68	2490.84	2527.21	2483.58	1.92	ppb
Molybdenum	98-1	2457.68	2497.04	2507.37	2487.37	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.97	499.83	495.20	500.00	0.98	ppb
Phosphorus	31-2	10454.29	10131.25	10315.23	10300.25	1.57	ppb
Potassium	39-2	128558.11	126669.50	126521.53	127249.71	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	473.67	495.92	494.52	488.04	2.55	ppb
Selenium	77-2	540.98	476.03	450.29	489.10	9.56	ppb
Selenium	78-2	501.35	510.12	511.18	507.55	1.06	ppb
Silicon	28-1	694.66	816.58	832.38	781.21	9.65	ppb
Silver	109-1	475.44	489.46	483.02	482.64	1.45	ppb
Silver	107-1	485.96	504.66	498.55	496.39	1.92	ppb
Sodium	23-2	259817.02	257480.28	257765.19	258354.17	0.49	ppb
Strontium	86-1	487.51	491.54	498.78	492.61	1.16	ppb
Strontium	88-1	490.78	495.91	510.17	498.95	2.01	ppb
Sulfur	34-1	8262.57	9067.46	6699.06	8009.70	15.04	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	484.77	503.48	504.15	497.47	2.21	ppb
Thallium	205-1	484.66	506.61	500.80	497.36	2.29	ppb
Tin	118-1	489.99	508.17	495.49	497.89	1.87	ppb
Titanium	47-1	2453.52	2511.23	2440.91	2468.55	1.52	ppb
Uranium	238-1	488.15	521.61	510.79	506.85	3.37	ppb
Vanadium	51-2	513.11	510.38	507.62	510.37	0.54	ppb
Yttrium	89-1				104		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	5024.62	4985.26	4978.53	4996.13	0.50	ppb
Zirconium	90-1	491.26	502.60	501.72	498.53	1.27	ppb
Zirconium	91-1	482.67	499.88	503.55	495.37	2.25	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:55:48 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	-2.75	-2.53	-1.59		ppb
Antimony	121-1	0.06	0.05	0.10	0.07	40.63	ppb
Arsenic	75-2	0.06	0.06	-0.02	0.04	123.02	ppb
Barium	135-1	0.02	0.05	0.01	0.03	76.68	ppb
Barium	137-1	0.05	0.06	0.07	0.06	18.34	ppb
Beryllium	9-1	0.22	0.17	0.21	0.20	13.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	30.22	29.42	28.54	29.39	2.87	ppb
Boron	11-1	29.69	28.00	26.38	28.02	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.01	0.19	0.04	297.24	ppb
Cadmium	106-1	-0.57	-0.38	2.56	0.54	327.15	ppb
Cadmium	108-1	0.16	-0.02	-0.03	0.03	322.50	ppb
Calcium	43-1	3.09	3.62	3.36	3.35	7.91	ppb
Calcium	44-1	-2.84	-8.10	-10.47	-7.14		ppb
Chromium	52-2	-0.10	0.01	-0.05	-0.05		ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	55.02	ppb
Copper	63-2	0.71	0.76	0.64	0.71	8.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	4.36	5.28	5.27	4.97	10.59	ppb
Iron	56-2	3.84	3.98	3.94	3.92	1.92	ppb
Iron	57-2	0.64	4.51	4.26	3.14	69.10	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.15	0.21	24.63	ppb
Lead	207-1	0.21	0.16	0.17	0.18	14.18	ppb
Lead	208-1	0.21	0.20	0.15	0.19	16.02	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:55:48	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	2.43	6.55	7.14	5.37	47.67	ppb
Manganese	55-2	0.32	0.35	0.27	0.32	12.42	ppb
Molybdenum	94-1	0.09	0.00	0.05	0.05	104.71	ppb
Molybdenum	95-1	0.11	0.04	0.04	0.07	65.28	ppb
Molybdenum	96-1	0.08	0.04	0.01	0.05	77.63	ppb
Molybdenum	97-1	0.09	0.04	0.03	0.05	62.59	ppb
Molybdenum	98-1	0.05	0.02	0.04	0.04	35.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.13	-0.21	-0.18		ppb
Phosphorus	31-2	-20.47	-6.68	-0.25	-9.13		ppb
Potassium	39-2	23.71	22.96	0.63	15.77	83.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	4.77	-1.27	1.56	1.69	179.38	ppb
Selenium	77-2	-0.75	-0.80	-2.79	-1.45		ppb
Selenium	78-2	-1.14	-1.42	-3.46	-2.01		ppb
Silicon	28-1	65.74	19.52	-6.63	26.21	139.82	ppb
Silver	109-1	0.02	0.02	0.03	0.02	39.40	ppb
Silver	107-1	0.02	0.01	0.01	0.01	59.45	ppb
Sodium	23-2	91.56	85.09	90.48	89.04	3.89	ppb
Strontium	86-1	0.03	0.05	-0.23	-0.05		ppb
Strontium	88-1	-0.01	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	-645.00	-2096.03	-3819.09	-2186.71		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.12	0.16	0.14	14.86	ppb
Thallium	205-1	0.11	0.08	0.12	0.10	22.64	ppb
Tin	118-1	-0.04	-0.05	-0.03	-0.04		ppb
Titanium	47-1	0.04	0.25	0.13	0.14	77.04	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	104.00	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	246.69	ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:55:48	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.08	0.20	0.12	0.13	45.60	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.05	-0.02	0.02	0.02	227.71	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBW004 Instrumnet Name : P8
 Client Sample ID : PBW004 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:58:41 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.22	-1.17	1.61	-0.60		ppb
Antimony	121-1	0.03	0.01	0.05	0.03	59.11	ppb
Arsenic	75-2	0.04	0.14	0.06	0.08	69.78	ppb
Barium	135-1	-0.02	0.01	0.05	0.01	242.33	ppb
Barium	137-1	-0.01	0.02	0.03	0.01	153.15	ppb
Beryllium	9-1	0.18	0.14	0.19	0.17	13.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	19.84	21.40	18.35	19.86	7.68	ppb
Boron	11-1	21.17	21.53	20.27	20.99	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.11	-0.21	-0.16		ppb
Cadmium	106-1	-1.90	-1.49	-2.81	-2.07		ppb
Cadmium	108-1	-0.02	-0.28	-0.11	-0.14		ppb
Calcium	43-1	-0.02	4.81	3.15	2.65	92.84	ppb
Calcium	44-1	-12.16	-7.51	-6.63	-8.77		ppb
Chromium	52-2	-0.12	0.07	-0.08	-0.04		ppb
Cobalt	59-2	0.00	0.04	0.00	0.01	175.95	ppb
Copper	63-2	0.46	0.71	0.60	0.59	20.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	2.09	5.39	4.84	4.11	43.16	ppb
Iron	56-2	3.12	4.18	4.12	3.81	15.53	ppb
Iron	57-2	2.63	4.83	5.55	4.34	34.98	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.27	0.20	31.52	ppb
Lead	207-1	0.23	0.20	0.12	0.18	30.37	ppb
Lead	208-1	0.19	0.18	0.19	0.18	4.12	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW004	Instrumnet Name :	P8
Client Sample ID :	PBW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:58:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	3.38	6.90	6.08	5.45	33.80	ppb
Manganese	55-2	0.19	0.29	0.32	0.27	26.63	ppb
Molybdenum	94-1	0.07	0.02	0.05	0.05	60.33	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	96.95	ppb
Molybdenum	96-1	0.00	-0.01	0.02	0.00	392.77	ppb
Molybdenum	97-1	0.00	-0.01	0.05	0.01	241.12	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	134.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.19	-0.12	-0.16		ppb
Phosphorus	31-2	-24.83	33.61	-23.53	-4.91		ppb
Potassium	39-2	-24.75	57.56	37.34	23.38	183.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	1.02	-1.47	-1.91	-0.79		ppb
Selenium	77-2	-2.79	-2.79	-2.79	-2.79		ppb
Selenium	78-2	-5.47	-1.38	-2.51	-3.12		ppb
Silicon	28-1	28.80	37.36	47.12	37.76	24.28	ppb
Silver	109-1	0.01	0.01	0.01	0.01	0.85	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.81	ppb
Sodium	23-2	62.02	111.15	87.75	86.97	28.26	ppb
Strontium	86-1	0.06	-0.17	0.09	-0.01		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2545.01	-1716.93	-1462.99	-1908.31		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.07	0.05	0.07	26.88	ppb
Thallium	205-1	0.10	0.06	0.11	0.09	29.26	ppb
Tin	118-1	0.03	0.02	0.04	0.03	27.63	ppb
Titanium	47-1	0.33	-0.02	0.13	0.14	120.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW004	Instrumnet Name :	P8
Client Sample ID :	PBW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:58:41	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.06	-0.06	0.00	0.00	6894.08	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.06	-0.04	-0.04		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCSW004	Instrumnet Name :	P8
Client Sample ID :	LCSW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:01:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.89	40.76	49.09	43.58	10.95	ppb
Antimony	121-1	3.73	3.80	3.84	3.79	1.47	ppb
Arsenic	75-2	1.80	2.27	2.30	2.12	13.18	ppb
Barium	135-1	18.83	18.82	19.57	19.07	2.26	ppb
Barium	137-1	18.40	20.53	19.76	19.56	5.51	ppb
Beryllium	9-1	1.99	2.14	1.90	2.01	6.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	49.20	59.45	57.28	55.31	9.77	ppb
Boron	11-1	49.25	56.23	59.52	55.00	9.53	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	2.09	1.96	2.03	3.35	ppb
Cadmium	106-1	2.25	1.04	-0.27	1.01	125.24	ppb
Cadmium	108-1	1.93	1.46	2.31	1.90	22.56	ppb
Calcium	43-1	946.82	969.76	917.39	944.65	2.78	ppb
Calcium	44-1	939.15	948.47	957.04	948.22	0.94	ppb
Chromium	52-2	3.88	4.07	4.06	4.00	2.77	ppb
Cobalt	59-2	1.90	2.02	2.24	2.05	8.24	ppb
Copper	63-2	4.75	4.73	5.09	4.86	4.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	398.57	414.42	452.28	421.76	6.54	ppb
Iron	56-2	397.28	398.89	450.36	415.51	7.27	ppb
Iron	57-2	383.30	397.25	465.07	415.21	10.53	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.90	1.91	1.93	1.98	ppb
Lead	207-1	1.87	1.93	1.85	1.88	2.16	ppb
Lead	208-1	1.87	1.93	1.88	1.89	1.75	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCSW004	Instrumnet Name :	P8
Client Sample ID :	LCSW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:01:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1000.26	1031.88	1115.32	1049.15	5.67	ppb
Manganese	55-2	1.99	2.07	2.33	2.13	8.45	ppb
Molybdenum	94-1	9.36	9.58	9.39	9.45	1.27	ppb
Molybdenum	95-1	9.79	9.77	9.77	9.78	0.08	ppb
Molybdenum	96-1	9.37	9.50	9.36	9.41	0.86	ppb
Molybdenum	97-1	9.37	9.21	9.15	9.24	1.23	ppb
Molybdenum	98-1	9.13	9.48	9.58	9.40	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.04	2.26	2.07	8.42	ppb
Phosphorus	31-2	-39.85	-55.40	-18.32	-37.86		ppb
Potassium	39-2	983.27	993.96	1140.72	1039.32	8.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	10.01	10.18	12.55	10.91	13.01	ppb
Selenium	77-2	7.21	9.30	17.36	11.29	47.45	ppb
Selenium	78-2	7.80	9.81	8.67	8.76	11.49	ppb
Silicon	28-1	37.69	33.47	22.80	31.32	24.51	ppb
Silver	109-1	1.78	1.94	2.05	1.92	7.05	ppb
Silver	107-1	1.89	1.84	1.84	1.85	1.53	ppb
Sodium	23-2	1059.81	1089.78	1211.25	1120.28	7.16	ppb
Strontium	86-1	1.59	1.90	1.48	1.66	13.12	ppb
Strontium	88-1	1.67	1.85	1.89	1.81	6.40	ppb
Sulfur	34-1	-1969.51	-2101.41	-1999.39	-2023.44		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	1.87	2.03	1.98	1.96	4.34	ppb
Thallium	205-1	1.77	2.00	1.87	1.88	6.28	ppb
Tin	118-1	8.92	9.44	9.79	9.38	4.64	ppb
Titanium	47-1	9.42	9.67	9.26	9.45	2.17	ppb
Uranium	238-1	1.76	1.94	1.72	1.81	6.48	ppb
Vanadium	51-2	9.24	9.67	10.46	9.79	6.35	ppb
Yttrium	89-1				101		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCSW004	Instrumnet Name :	P8
Client Sample ID :	LCSW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:01:32	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	11.77	12.24	13.00	12.34	5.02	ppb
Zirconium	90-1	1.76	1.86	1.90	1.84	4.04	ppb
Zirconium	91-1	1.74	1.71	1.97	1.81	7.69	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBS04 Instrumnet Name : P8
 Client Sample ID : PBS04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 15:04:26 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-2.82	0.34	-0.81		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	23.17	ppb
Arsenic	75-2	0.03	0.05	0.00	0.03	85.12	ppb
Barium	135-1	0.00	0.02	0.02	0.02	73.29	ppb
Barium	137-1	0.01	0.02	0.02	0.02	50.58	ppb
Beryllium	9-1	0.11	0.11	0.12	0.11	4.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	17.52	19.85	18.88	18.75	6.23	ppb
Boron	11-1	18.54	18.85	18.85	18.75	0.97	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.03	0.04	0.02	129.95	ppb
Cadmium	106-1	-0.37	0.37	0.55	0.18	270.77	ppb
Cadmium	108-1	-0.38	0.06	-0.28	-0.20		ppb
Calcium	43-1	-1.17	-2.66	2.31	-0.51		ppb
Calcium	44-1	-26.77	-12.53	-8.79	-16.03		ppb
Chromium	52-2	-0.09	0.01	0.02	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	66.21	ppb
Copper	63-2	0.38	0.37	0.47	0.40	13.26	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				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	4.26	4.71	6.28	5.08	20.87	ppb
Iron	56-2	2.80	2.39	2.49	2.56	8.43	ppb
Iron	57-2	5.01	2.24	1.28	2.84	68.09	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.19	0.18	0.17	17.78	ppb
Lead	207-1	0.07	0.13	0.12	0.10	32.18	ppb
Lead	208-1	0.10	0.14	0.14	0.13	18.74	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS04	Instrumnet Name :	P8
Client Sample ID :	PBS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:04:26	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	6.15	6.40	4.24	5.60	21.09	ppb
Manganese	55-2	0.09	0.16	0.24	0.16	45.81	ppb
Molybdenum	94-1	0.00	0.03	0.05	0.03	80.88	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	50.35	ppb
Molybdenum	96-1	-0.02	0.03	-0.01	0.00	943.52	ppb
Molybdenum	97-1	0.00	-0.01	0.04	0.01	285.27	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.06	-0.13	-0.11		ppb
Phosphorus	31-2	72.60	-27.57	1.25	15.43	334.19	ppb
Potassium	39-2	1.32	6.06	16.02	7.80	96.25	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.48	-0.71	-0.11	-0.43		ppb
Selenium	77-2	1.23	-2.79	-2.79	-1.45		ppb
Selenium	78-2	-3.72	-1.14	-1.95	-2.27		ppb
Silicon	28-1	-89.22	7.34	14.57	-22.44		ppb
Silver	109-1	0.03	0.01	0.02	0.02	36.74	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	234.44	ppb
Sodium	23-2	49.85	46.47	45.98	47.43	4.44	ppb
Strontium	86-1	-0.68	0.08	-0.40	-0.34		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	2879.46	ppb
Sulfur	34-1	-8680.74	-2781.76	-1192.97	-4218.49		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.06	0.03	0.04	49.54	ppb
Thallium	205-1	0.01	0.04	0.03	0.03	68.20	ppb
Tin	118-1	-0.03	0.01	-0.04	-0.02		ppb
Titanium	47-1	0.01	0.04	-0.24	-0.06		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	462.82	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	1111.85	ppb
Yttrium	89-1				104		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS04	Instrumnet Name :	P8
Client Sample ID :	PBS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:04:26	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.01	0.19	0.14	0.11	79.68	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.01	172.48	ppb
Zirconium	91-1	-0.03	-0.01	-0.01	-0.02		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.85	39.68	37.72	39.08	3.02	ppb
Antimony	121-1	4.02	3.86	3.87	3.92	2.25	ppb
Arsenic	75-2	1.89	2.33	1.96	2.06	11.66	ppb
Barium	135-1	20.25	18.91	18.80	19.32	4.19	ppb
Barium	137-1	19.95	20.49	19.12	19.85	3.46	ppb
Beryllium	9-1	2.03	2.13	2.19	2.12	3.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	45.17	51.10	53.29	49.85	8.43	ppb
Boron	11-1	46.01	52.88	56.37	51.75	10.18	ppb
Bromine	81-1						cps
Cadmium	111-1	2.07	1.85	2.04	1.98	6.06	ppb
Cadmium	106-1	-0.78	-1.39	0.49	-0.56		ppb
Cadmium	108-1	2.63	2.28	2.08	2.33	12.15	ppb
Calcium	43-1	969.72	977.60	939.24	962.19	2.11	ppb
Calcium	44-1	997.15	970.08	946.22	971.15	2.62	ppb
Chromium	52-2	3.93	4.03	3.79	3.91	3.12	ppb
Cobalt	59-2	1.84	1.95	2.02	1.94	4.66	ppb
Copper	63-2	4.38	4.49	4.32	4.40	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	382.55	404.44	392.14	393.05	2.79	ppb
Iron	56-2	392.02	398.40	393.96	394.79	0.83	ppb
Iron	57-2	364.33	413.19	389.92	389.15	6.28	ppb
Krypton	83-1						cps
Lead	206-1	2.11	1.79	1.97	1.95	8.15	ppb
Lead	207-1	2.04	1.90	1.81	1.92	6.01	ppb
Lead	208-1	2.08	1.89	1.86	1.95	6.06	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1007.41	1014.77	994.08	1005.42	1.04	ppb
Manganese	55-2	1.95	1.80	1.98	1.91	4.99	ppb
Molybdenum	94-1	9.46	9.25	10.00	9.57	4.05	ppb
Molybdenum	95-1	10.27	9.47	10.16	9.97	4.39	ppb
Molybdenum	96-1	10.21	9.35	10.03	9.86	4.60	ppb
Molybdenum	97-1	9.90	9.45	9.69	9.68	2.32	ppb
Molybdenum	98-1	9.67	9.59	10.15	9.80	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.66	1.83	1.84	10.53	ppb
Phosphorus	31-2	-2.28	66.19	0.76	21.55	179.46	ppb
Potassium	39-2	960.93	1001.06	979.48	980.49	2.05	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	7.45	10.61	13.89	10.65	30.26	ppb
Selenium	77-2	21.42	11.42	9.43	14.09	45.62	ppb
Selenium	78-2	6.88	6.25	4.45	5.86	21.53	ppb
Silicon	28-1	74.62	33.48	17.26	41.79	70.77	ppb
Silver	109-1	1.95	1.91	1.90	1.92	1.47	ppb
Silver	107-1	1.91	1.80	1.88	1.86	2.84	ppb
Sodium	23-2	1033.75	1083.86	1053.71	1057.11	2.39	ppb
Strontium	86-1	1.82	1.86	1.82	1.84	1.23	ppb
Strontium	88-1	1.96	1.91	1.92	1.93	1.27	ppb
Sulfur	34-1	-223.06	-1347.78	-2498.21	-1356.35		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.98	1.79	1.83	1.87	5.22	ppb
Thallium	205-1	1.97	1.79	2.00	1.92	5.98	ppb
Tin	118-1	9.32	9.58	9.55	9.48	1.45	ppb
Titanium	47-1	10.46	9.82	8.57	9.62	9.96	ppb
Uranium	238-1	1.97	1.81	1.73	1.83	6.57	ppb
Vanadium	51-2	9.44	9.56	9.42	9.47	0.78	ppb
Yttrium	89-1				99		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	11.32	11.60	11.27	11.40	1.57	ppb
Zirconium	90-1	1.87	1.80	1.92	1.86	3.21	ppb
Zirconium	91-1	2.01	1.82	1.77	1.87	6.84	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.39	7.03	4.04	5.49	27.30	ppb
Antimony	121-1	0.69	0.79	0.64	0.70	10.66	ppb
Arsenic	75-2	0.36	0.35	0.39	0.37	6.44	ppb
Barium	135-1	3.83	4.06	3.60	3.83	6.07	ppb
Barium	137-1	4.09	3.75	4.04	3.96	4.57	ppb
Beryllium	9-1	0.43	0.45	0.40	0.43	6.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Boron	10-1	9.62	11.01	10.58	10.41	6.84	ppb
Boron	11-1	8.41	9.89	10.40	9.57	10.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.53	0.31	0.41	27.06	ppb
Cadmium	106-1	-0.43	0.05	-2.15	-0.85		ppb
Cadmium	108-1	0.54	0.24	0.49	0.42	38.88	ppb
Calcium	43-1	195.78	193.90	188.23	192.64	2.04	ppb
Calcium	44-1	182.68	175.53	171.19	176.47	3.29	ppb
Chromium	52-2	0.69	0.65	0.73	0.69	5.72	ppb
Cobalt	59-2	0.34	0.38	0.40	0.37	9.43	ppb
Copper	63-2	0.75	0.83	0.77	0.78	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	54-2	48.11	47.61	48.78	48.17	1.21	ppb
Iron	56-2	48.48	47.86	48.30	48.22	0.66	ppb
Iron	57-2	52.16	51.63	45.05	49.61	7.98	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.42	0.45	0.44	4.61	ppb
Lead	207-1	0.34	0.41	0.33	0.36	12.98	ppb
Lead	208-1	0.42	0.45	0.39	0.42	7.11	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	194.63	193.03	190.33	192.66	1.13	ppb
Manganese	55-2	0.40	0.20	0.36	0.32	32.67	ppb
Molybdenum	94-1	1.98	1.80	1.81	1.86	5.34	ppb
Molybdenum	95-1	1.92	1.89	1.84	1.89	2.10	ppb
Molybdenum	96-1	1.88	1.77	1.81	1.82	2.83	ppb
Molybdenum	97-1	2.02	1.73	1.70	1.82	9.78	ppb
Molybdenum	98-1	2.03	2.03	1.79	1.95	7.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.35	0.36	0.29	35.45	ppb
Phosphorus	31-2	15.37	-17.87	16.73	4.74	413.12	ppb
Potassium	39-2	185.60	174.99	160.04	173.54	7.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				106		%
Scandium	45-1				96		%
Scandium	45-2				104		%
Selenium	82-1	-0.23	0.56	5.09	1.81	158.74	ppb
Selenium	77-2	-0.77	1.16	1.11	0.50	218.96	ppb
Selenium	78-2	-2.53	-0.61	1.36	-0.59		ppb
Silicon	28-1	45.51	2.22	-9.14	12.87	224.14	ppb
Silver	109-1	0.36	0.36	0.41	0.38	8.11	ppb
Silver	107-1	0.32	0.32	0.33	0.32	1.73	ppb
Sodium	23-2	186.48	187.59	177.61	183.89	2.97	ppb
Strontium	86-1	0.49	0.47	0.09	0.35	65.25	ppb
Strontium	88-1	0.38	0.39	0.37	0.38	2.13	ppb
Sulfur	34-1	2620.06	-320.42	-1315.78	327.95	624.01	ppb
Terbium	159-1				97		%
Terbium	159-2				105		%
Thallium	203-1	0.37	0.36	0.42	0.38	7.96	ppb
Thallium	205-1	0.31	0.30	0.44	0.35	21.87	ppb
Tin	118-1	1.90	1.73	1.83	1.82	4.84	ppb
Titanium	47-1	2.56	1.50	1.77	1.94	28.50	ppb
Uranium	238-1	0.30	0.33	0.33	0.32	6.13	ppb
Vanadium	51-2	1.81	1.77	1.85	1.81	2.44	ppb
Yttrium	89-1				98		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.85	0.98	0.85	0.90	8.00	ppb
Zirconium	90-1	0.36	0.33	0.39	0.36	9.04	ppb
Zirconium	91-1	0.32	0.40	0.38	0.37	11.99	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.92	4.20	6.01	5.04	18.08	ppb
Antimony	121-1	0.82	0.94	0.73	0.83	12.63	ppb
Arsenic	75-2	0.35	0.41	0.29	0.35	17.48	ppb
Barium	135-1	3.33	3.85	3.86	3.68	8.22	ppb
Barium	137-1	3.31	4.05	3.98	3.78	10.75	ppb
Beryllium	9-1	0.38	0.39	0.38	0.38	2.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	8.94	11.22	12.20	10.78	15.47	ppb
Boron	11-1	8.70	10.82	10.70	10.08	11.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.53	0.57	0.32	0.48	28.49	ppb
Cadmium	106-1	-0.23	1.45	-3.70	-0.83		ppb
Cadmium	108-1	0.29	0.69	0.52	0.50	40.68	ppb
Calcium	43-1	189.00	199.19	199.99	196.06	3.13	ppb
Calcium	44-1	158.36	175.05	184.77	172.73	7.73	ppb
Chromium	52-2	0.60	0.72	0.72	0.68	10.50	ppb
Cobalt	59-2	0.39	0.41	0.35	0.39	7.92	ppb
Copper	63-2	0.71	0.79	0.89	0.79	11.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	47.21	51.83	51.02	50.02	4.93	ppb
Iron	56-2	48.86	49.43	49.18	49.16	0.58	ppb
Iron	57-2	44.36	46.56	51.91	47.61	8.15	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.47	0.47	0.44	11.61	ppb
Lead	207-1	0.28	0.37	0.45	0.37	22.57	ppb
Lead	208-1	0.36	0.41	0.45	0.41	11.55	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	205.84	192.44	201.24	199.84	3.41	ppb
Manganese	55-2	0.32	0.37	0.36	0.35	8.30	ppb
Molybdenum	94-1	1.96	1.86	1.84	1.89	3.23	ppb
Molybdenum	95-1	1.81	2.06	2.00	1.96	6.62	ppb
Molybdenum	96-1	1.85	2.01	2.01	1.96	4.80	ppb
Molybdenum	97-1	1.76	2.22	1.83	1.94	12.88	ppb
Molybdenum	98-1	1.70	1.91	1.84	1.82	5.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.32	0.31	0.30	11.94	ppb
Phosphorus	31-2	37.41	-23.87	-23.95	-3.47		ppb
Potassium	39-2	172.26	187.46	193.03	184.25	5.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	0.56	3.15	3.81	2.51	68.67	ppb
Selenium	77-2	11.25	3.25	5.24	6.58	63.31	ppb
Selenium	78-2	0.68	0.55	0.88	0.70	23.42	ppb
Silicon	28-1	-44.11	1.70	32.21	-3.40		ppb
Silver	109-1	0.39	0.41	0.38	0.39	3.61	ppb
Silver	107-1	0.37	0.40	0.38	0.38	4.36	ppb
Sodium	23-2	182.68	194.02	197.67	191.46	4.08	ppb
Strontium	86-1	0.45	0.26	0.47	0.39	29.93	ppb
Strontium	88-1	0.34	0.41	0.34	0.36	10.77	ppb
Sulfur	34-1	-3674.08	-961.90	314.70	-1440.43		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.28	0.32	0.37	0.32	14.42	ppb
Thallium	205-1	0.32	0.35	0.30	0.32	7.74	ppb
Tin	118-1	1.76	2.14	1.93	1.94	9.91	ppb
Titanium	47-1	2.06	2.39	2.03	2.16	9.06	ppb
Uranium	238-1	0.38	0.42	0.36	0.38	7.68	ppb
Vanadium	51-2	1.70	2.02	1.86	1.86	8.54	ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.85	1.20	1.03	1.03	16.98	ppb
Zirconium	90-1	0.35	0.39	0.38	0.37	5.29	ppb
Zirconium	91-1	0.26	0.39	0.28	0.31	22.84	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-2.90	-2.21	-1.65		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.00	0.01	122.42	ppb
Barium	137-1	0.03	-0.02	0.02	0.01	271.58	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	27.24	ppb
Bismuth	209-1				91		%
Bismuth	209-2				103		%
Boron	10-1	5.75	2.51	2.58	3.61	51.14	ppb
Boron	11-1	3.83	3.58	2.75	3.39	16.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.15	-0.13	-0.08		ppb
Cadmium	106-1	0.37	-1.98	-1.66	-1.09		ppb
Cadmium	108-1	-0.35	-0.19	-0.36	-0.30		ppb
Calcium	43-1	4.40	0.50	4.02	2.98	72.23	ppb
Calcium	44-1	5.73	-17.56	-16.17	-9.33		ppb
Chromium	52-2	-0.09	-0.04	-0.07	-0.07		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	70.00	ppb
Copper	63-2	0.10	0.01	0.05	0.05	89.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				102		%
Iron	54-2	1.27	1.52	2.57	1.79	38.78	ppb
Iron	56-2	0.24	0.61	0.69	0.51	46.26	ppb
Iron	57-2	-0.93	-1.63	1.40	-0.39		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.08	0.09	15.02	ppb
Lead	207-1	0.13	0.04	0.03	0.07	81.32	ppb
Lead	208-1	0.12	0.07	0.06	0.08	40.92	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	0.33	3.22	2.67	2.07	74.16	ppb
Manganese	55-2	-0.01	-0.05	-0.04	-0.03		ppb
Molybdenum	94-1	-0.03	0.02	0.06	0.02	264.56	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.12	-0.10	-0.14		ppb
Phosphorus	31-2	20.67	-34.49	58.10	14.76	315.58	ppb
Potassium	39-2	-11.34	-6.89	-5.25	-7.83		ppb
Rhodium	103-1				92		%
Rhodium	103-2				104		%
Scandium	45-1				93		%
Scandium	45-2				103		%
Selenium	82-1	1.34	3.32	-1.27	1.13	203.31	ppb
Selenium	77-2	-2.79	-0.78	-2.79	-2.12		ppb
Selenium	78-2	-3.76	-0.73	-2.88	-2.46		ppb
Silicon	28-1	151.42	26.60	-12.99	55.01	155.98	ppb
Silver	109-1	0.01	0.00	0.01	0.01	62.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.86	ppb
Sodium	23-2	-3.96	-10.68	-8.21	-7.62		ppb
Strontium	86-1	0.90	0.40	0.02	0.44	101.23	ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	8802.79	433.72	-853.48	2794.34	187.63	ppb
Terbium	159-1				92		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	0.00	-0.04	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.01	0.82	-0.02	0.27	180.81	ppb
Titanium	47-1	0.22	-0.06	-0.22	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	790.35	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	975.54	ppb
Yttrium	89-1				93		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.24	-0.18	-0.20	-0.21		ppb
Zirconium	90-1	0.00	-0.01	0.02	0.00	416.98	ppb
Zirconium	91-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.45	4.48	5.12	5.02	9.74	ppb
Antimony	121-1	0.76	0.76	0.65	0.72	8.64	ppb
Arsenic	75-2	0.49	0.45	0.29	0.41	25.54	ppb
Barium	135-1	3.39	3.30	3.70	3.47	5.99	ppb
Barium	137-1	3.69	4.04	3.91	3.88	4.50	ppb
Beryllium	9-1	0.48	0.33	0.40	0.40	17.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	9.11	9.64	10.01	9.59	4.76	ppb
Boron	11-1	7.95	9.38	10.10	9.14	11.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.36	0.53	0.37	0.42	22.50	ppb
Cadmium	106-1	-3.21	-0.61	-2.02	-1.95		ppb
Cadmium	108-1	0.33	0.24	0.37	0.31	21.59	ppb
Calcium	43-1	177.62	205.56	186.63	189.93	7.51	ppb
Calcium	44-1	173.39	174.06	164.86	170.77	3.00	ppb
Chromium	52-2	0.67	0.57	0.59	0.61	9.28	ppb
Cobalt	59-2	0.40	0.42	0.40	0.41	2.97	ppb
Copper	63-2	0.81	0.78	0.68	0.76	9.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	48.81	48.01	50.24	49.02	2.31	ppb
Iron	56-2	49.96	49.84	48.32	49.37	1.85	ppb
Iron	57-2	47.13	46.42	48.86	47.47	2.65	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.45	0.44	0.41	16.62	ppb
Lead	207-1	0.40	0.42	0.39	0.41	3.48	ppb
Lead	208-1	0.38	0.40	0.44	0.41	7.68	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	193.89	202.99	205.76	200.88	3.09	ppb
Manganese	55-2	0.37	0.34	0.39	0.37	6.25	ppb
Molybdenum	94-1	1.80	1.62	1.96	1.79	9.50	ppb
Molybdenum	95-1	1.80	1.90	2.00	1.90	5.34	ppb
Molybdenum	96-1	1.87	1.82	1.85	1.85	1.30	ppb
Molybdenum	97-1	1.78	2.01	1.88	1.89	6.24	ppb
Molybdenum	98-1	1.86	1.76	1.88	1.83	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.13	0.22	0.19	26.11	ppb
Phosphorus	31-2	46.52	-45.81	-29.40	-9.57		ppb
Potassium	39-2	170.78	167.41	166.29	168.16	1.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	2.92	-1.29	3.05	1.56	158.12	ppb
Selenium	77-2	-0.83	5.08	1.19	1.82	165.52	ppb
Selenium	78-2	-1.22	0.06	0.02	-0.38		ppb
Silicon	28-1	13.86	17.60	-49.64	-6.06		ppb
Silver	109-1	0.31	0.34	0.35	0.33	6.12	ppb
Silver	107-1	0.29	0.36	0.33	0.33	10.04	ppb
Sodium	23-2	188.48	193.68	179.60	187.25	3.80	ppb
Strontium	86-1	0.03	0.41	0.02	0.15	145.89	ppb
Strontium	88-1	0.34	0.34	0.37	0.35	5.12	ppb
Sulfur	34-1	-159.75	-168.17	-3208.87	-1178.93		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.39	0.41	0.37	14.91	ppb
Thallium	205-1	0.36	0.37	0.32	0.35	8.00	ppb
Tin	118-1	1.90	1.83	1.74	1.82	4.30	ppb
Titanium	47-1	1.97	2.21	2.16	2.11	5.92	ppb
Uranium	238-1	0.32	0.34	0.34	0.34	3.33	ppb
Vanadium	51-2	1.75	1.82	1.78	1.78	2.02	ppb
Yttrium	89-1				101		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	1.09	0.90	0.70	0.90	21.64	ppb
Zirconium	90-1	0.38	0.32	0.33	0.34	8.51	ppb
Zirconium	91-1	0.29	0.37	0.35	0.34	11.14	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.71	5.47	5.79	5.99	10.73	ppb
Antimony	121-1	0.75	0.73	0.73	0.73	1.82	ppb
Arsenic	75-2	0.47	0.39	0.42	0.43	9.85	ppb
Barium	135-1	4.12	3.58	3.67	3.79	7.74	ppb
Barium	137-1	3.84	3.96	3.80	3.87	2.10	ppb
Beryllium	9-1	0.40	0.38	0.42	0.40	5.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	10.11	10.06	10.60	10.26	2.89	ppb
Boron	11-1	9.62	10.30	11.51	10.48	9.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.39	0.35	0.66	0.47	36.27	ppb
Cadmium	106-1	-2.10	-2.92	1.90	-1.04		ppb
Cadmium	108-1	0.49	0.73	0.22	0.48	53.31	ppb
Calcium	43-1	176.08	185.49	189.90	183.82	3.84	ppb
Calcium	44-1	165.55	167.22	165.62	166.13	0.57	ppb
Chromium	52-2	0.84	0.68	0.80	0.77	10.63	ppb
Cobalt	59-2	0.46	0.41	0.38	0.42	9.49	ppb
Copper	63-2	0.71	0.77	0.84	0.77	8.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	53.87	48.85	52.67	51.80	5.06	ppb
Iron	56-2	52.26	49.58	48.60	50.15	3.78	ppb
Iron	57-2	48.61	52.89	46.71	49.40	6.41	ppb
Krypton	83-1						cps
Lead	206-1	0.38	0.49	0.41	0.43	12.76	ppb
Lead	207-1	0.37	0.44	0.28	0.36	22.13	ppb
Lead	208-1	0.42	0.40	0.37	0.40	6.88	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	210.85	197.64	203.57	204.02	3.24	ppb
Manganese	55-2	0.29	0.42	0.38	0.36	18.66	ppb
Molybdenum	94-1	1.94	2.00	2.10	2.01	4.05	ppb
Molybdenum	95-1	1.95	1.92	1.98	1.95	1.46	ppb
Molybdenum	96-1	1.95	1.92	1.97	1.95	1.14	ppb
Molybdenum	97-1	1.66	2.08	1.87	1.87	11.25	ppb
Molybdenum	98-1	1.82	1.86	1.91	1.86	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.31	0.25	0.30	15.26	ppb
Phosphorus	31-2	-22.20	-16.41	10.64	-9.33		ppb
Potassium	39-2	229.44	211.54	165.91	202.30	16.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.82	2.74	2.63	2.40	20.98	ppb
Selenium	77-2	1.51	-0.77	-2.79	-0.69		ppb
Selenium	78-2	-1.09	-1.44	-2.19	-1.57		ppb
Silicon	28-1	-28.00	-25.62	-20.26	-24.63		ppb
Silver	109-1	0.24	0.36	0.36	0.32	21.49	ppb
Silver	107-1	0.36	0.36	0.37	0.36	1.25	ppb
Sodium	23-2	215.48	184.47	192.10	197.35	8.19	ppb
Strontium	86-1	0.05	-0.04	0.09	0.04	184.76	ppb
Strontium	88-1	0.38	0.35	0.39	0.37	6.15	ppb
Sulfur	34-1	-1896.62	-2200.01	-2312.19	-2136.28		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.37	0.45	0.37	0.40	10.92	ppb
Thallium	205-1	0.36	0.35	0.35	0.35	1.59	ppb
Tin	118-1	1.93	1.90	1.94	1.92	1.11	ppb
Titanium	47-1	1.75	1.97	2.06	1.93	8.19	ppb
Uranium	238-1	0.41	0.34	0.33	0.36	11.93	ppb
Vanadium	51-2	1.95	1.98	1.95	1.96	0.90	ppb
Yttrium	89-1				102		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.82	0.83	0.80	0.82	2.09	ppb
Zirconium	90-1	0.39	0.37	0.35	0.37	6.61	ppb
Zirconium	91-1	0.43	0.30	0.24	0.32	30.14	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-3.33	-1.67	-1.65		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.05	0.00	0.00	0.02	154.73	ppb
Barium	135-1	0.00	0.00	0.02	0.01	297.54	ppb
Barium	137-1	0.00	-0.03	-0.01	-0.01		ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	214.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	2.58	3.37	2.12	2.69	23.53	ppb
Boron	11-1	3.00	2.85	2.70	2.85	5.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.11	0.01	-0.06		ppb
Cadmium	106-1	-1.25	-1.55	-0.03	-0.94		ppb
Cadmium	108-1	0.16	-0.28	-0.20	-0.11		ppb
Calcium	43-1	-0.38	2.96	-0.19	0.80	234.77	ppb
Calcium	44-1	-19.61	-17.03	-15.02	-17.22		ppb
Chromium	52-2	-0.02	0.01	0.04	0.01	307.78	ppb
Cobalt	59-2	0.02	-0.01	0.00	0.00	495.01	ppb
Copper	63-2	0.02	0.14	-0.03	0.04	201.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	1.80	1.24	3.40	2.15	52.22	ppb
Iron	56-2	0.71	0.48	0.10	0.43	71.26	ppb
Iron	57-2	0.63	-0.94	2.70	0.79	229.98	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.09	0.08	17.75	ppb
Lead	207-1	0.09	0.04	0.00	0.04	104.46	ppb
Lead	208-1	0.07	0.07	0.04	0.06	25.80	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.41	1.92	-0.63	1.23	132.69	ppb
Manganese	55-2	0.01	0.01	-0.01	0.00	734.73	ppb
Molybdenum	94-1	0.02	0.00	0.05	0.02	89.34	ppb
Molybdenum	95-1	0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	90.34	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.22	-0.13	-0.16		ppb
Phosphorus	31-2	-3.69	-1.49	8.33	1.05	607.73	ppb
Potassium	39-2	-0.79	-22.72	-23.85	-15.79		ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	1.22	0.97	0.00	0.73	88.75	ppb
Selenium	77-2	-2.79	1.20	-0.80	-0.80		ppb
Selenium	78-2	-1.00	-1.79	-4.89	-2.56		ppb
Silicon	28-1	-10.30	11.05	9.12	3.29	359.01	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	7822.66	ppb
Silver	107-1	0.01	0.00	-0.01	0.00		ppb
Sodium	23-2	3.19	-10.23	-13.46	-6.83		ppb
Strontium	86-1	-0.01	-0.25	-0.24	-0.16		ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-1010.66	-271.95	360.74	-307.29		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.03	-0.02		ppb
Tin	118-1	-0.04	-0.05	-0.07	-0.05		ppb
Titanium	47-1	0.11	-0.14	0.19	0.05	310.12	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Yttrium	89-1				99		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.08	-0.33	-0.15	-0.19		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50064.38	51346.82	51237.87	50883.03	1.40	ppb
Antimony	121-1	485.80	504.41	491.36	493.86	1.93	ppb
Arsenic	75-2	492.14	502.58	499.85	498.19	1.09	ppb
Barium	135-1	2441.99	2552.25	2529.38	2507.87	2.32	ppb
Barium	137-1	2456.97	2572.75	2501.00	2510.24	2.33	ppb
Beryllium	9-1	481.12	504.20	504.47	496.60	2.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	412.86	469.02	513.27	465.05	10.82	ppb
Boron	11-1	412.21	485.68	504.46	467.45	10.43	ppb
Bromine	81-1						cps
Cadmium	111-1	475.21	494.63	480.85	483.56	2.07	ppb
Cadmium	106-1	476.22	504.34	492.47	491.01	2.88	ppb
Cadmium	108-1	477.33	515.09	493.09	495.17	3.83	ppb
Calcium	43-1	238758.74	248185.71	253362.20	246768.88	3.00	ppb
Calcium	44-1	238118.19	246978.50	246544.70	243880.46	2.05	ppb
Chromium	52-2	480.03	504.38	502.46	495.62	2.73	ppb
Cobalt	59-2	481.00	495.82	490.68	489.16	1.54	ppb
Copper	63-2	4869.77	4962.68	4954.33	4928.93	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	127084.86	130383.09	131680.86	129716.27	1.83	ppb
Iron	56-2	125070.18	129758.52	128553.72	127794.14	1.91	ppb
Iron	57-2	126620.70	130682.58	130193.67	129165.65	1.72	ppb
Krypton	83-1						cps
Lead	206-1	2522.55	2542.91	2502.21	2522.56	0.81	ppb
Lead	207-1	2523.25	2539.18	2481.78	2514.73	1.18	ppb
Lead	208-1	2507.43	2507.47	2474.92	2496.61	0.75	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	249099.73	257995.97	255854.32	254316.67	1.83	ppb
Manganese	55-2	5035.83	5157.24	5021.22	5071.43	1.47	ppb
Molybdenum	94-1	2415.57	2563.61	2490.28	2489.82	2.97	ppb
Molybdenum	95-1	2446.92	2555.90	2489.47	2497.43	2.20	ppb
Molybdenum	96-1	2454.91	2532.50	2499.16	2495.52	1.56	ppb
Molybdenum	97-1	2457.50	2541.55	2506.71	2501.92	1.69	ppb
Molybdenum	98-1	2442.02	2509.98	2498.22	2483.41	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.59	492.18	495.37	490.05	1.36	ppb
Phosphorus	31-2	9198.11	10173.39	10276.51	9882.67	6.02	ppb
Potassium	39-2	122120.83	126838.87	125447.20	124802.30	1.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	473.16	492.33	488.37	484.62	2.09	ppb
Selenium	77-2	424.98	505.22	466.36	465.52	8.62	ppb
Selenium	78-2	477.21	502.45	503.60	494.42	3.02	ppb
Silicon	28-1	590.98	672.69	767.35	677.00	13.04	ppb
Silver	109-1	481.93	492.79	481.70	485.47	1.31	ppb
Silver	107-1	476.33	499.38	499.59	491.77	2.72	ppb
Sodium	23-2	246614.81	255399.09	254850.32	252288.07	1.95	ppb
Strontium	86-1	488.04	498.10	501.24	495.79	1.39	ppb
Strontium	88-1	492.51	500.70	504.85	499.36	1.26	ppb
Sulfur	34-1	7645.13	7847.06	8799.43	8097.21	7.61	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	497.26	498.52	497.98	497.92	0.13	ppb
Thallium	205-1	505.97	503.18	505.75	504.97	0.31	ppb
Tin	118-1	487.52	510.31	495.64	497.82	2.32	ppb
Titanium	47-1	2455.15	2460.83	2486.74	2467.57	0.68	ppb
Uranium	238-1	495.58	500.11	508.32	501.34	1.29	ppb
Vanadium	51-2	488.90	504.14	497.73	496.92	1.54	ppb
Yttrium	89-1				106		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4820.70	4959.55	4959.98	4913.41	1.63	ppb
Zirconium	90-1	491.85	509.77	504.98	502.20	1.85	ppb
Zirconium	91-1	476.48	504.11	502.36	494.32	3.13	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:16:20	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.37	-2.52	-1.66	-2.52		ppb
Antimony	121-1	0.03	0.01	0.02	0.02	46.56	ppb
Arsenic	75-2	0.07	0.04	0.05	0.05	24.93	ppb
Barium	135-1	-0.05	0.00	-0.04	-0.03		ppb
Barium	137-1	0.07	0.06	0.03	0.05	40.33	ppb
Beryllium	9-1	0.03	0.03	0.04	0.04	18.99	ppb
Bismuth	209-1				97		%
Bismuth	209-2				106		%
Boron	10-1	7.65	6.96	7.51	7.37	4.96	ppb
Boron	11-1	7.42	7.47	7.70	7.53	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.15	-0.22	-0.19		ppb
Cadmium	106-1	-2.70	-1.99	-3.01	-2.57		ppb
Cadmium	108-1	-0.19	-0.36	-0.27	-0.28		ppb
Calcium	43-1	2.49	-1.88	4.21	1.61	195.17	ppb
Calcium	44-1	-17.33	-18.01	-14.49	-16.61		ppb
Chromium	52-2	-0.03	-0.01	0.04	0.00	25323.32	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	499.58	ppb
Copper	63-2	0.18	0.13	0.16	0.16	15.34	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				98		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				105		%
Iron	54-2	4.33	1.43	0.48	2.08	96.46	ppb
Iron	56-2	1.29	1.93	2.13	1.79	24.55	ppb
Iron	57-2	1.36	1.27	0.41	1.02	51.53	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.14	0.11	0.15	30.40	ppb
Lead	207-1	0.14	0.08	0.07	0.10	39.15	ppb
Lead	208-1	0.14	0.10	0.12	0.12	13.01	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:16:20 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	2.99	2.92	2.32	2.74	13.32	ppb
Manganese	55-2	0.06	0.02	0.07	0.05	61.13	ppb
Molybdenum	94-1	0.06	0.04	0.08	0.06	34.93	ppb
Molybdenum	95-1	0.06	0.02	0.03	0.04	54.34	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	721.47	ppb
Molybdenum	97-1	0.08	0.00	0.02	0.03	119.70	ppb
Molybdenum	98-1	0.05	-0.01	-0.01	0.01	402.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.08	-0.19	-0.13		ppb
Phosphorus	31-2	-7.83	-30.51	9.48	-9.62		ppb
Potassium	39-2	-29.52	-32.13	-14.57	-25.41		ppb
Rhodium	103-1				97		%
Rhodium	103-2				107		%
Scandium	45-1				96		%
Scandium	45-2				104		%
Selenium	82-1	2.96	-0.43	3.90	2.14	106.32	ppb
Selenium	77-2	-2.79	-2.79	-2.79	-2.79		ppb
Selenium	78-2	-3.88	-4.40	-4.08	-4.12		ppb
Silicon	28-1	19.97	26.78	49.69	32.15	48.43	ppb
Silver	109-1	0.00	0.01	0.01	0.00	170.74	ppb
Silver	107-1	0.01	0.02	0.00	0.01	94.64	ppb
Sodium	23-2	-1.32	-0.70	-0.08	-0.70		ppb
Strontium	86-1	0.17	-0.01	-0.39	-0.08		ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-1178.41	-1548.89	606.19	-707.04		ppb
Terbium	159-1				95		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.04	0.04	0.03	54.87	ppb
Thallium	205-1	0.04	0.02	0.05	0.04	46.65	ppb
Tin	118-1	-0.03	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.02	0.24	0.12	0.11	112.88	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	360.04	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	382.94	ppb
Yttrium	89-1				96		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:16:20	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	-0.12	-0.05	-0.18	-0.12		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	161.14	ppb
Zirconium	91-1	0.01	0.00	-0.03	-0.01		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:19:11	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	16.14	20.55	19.53	15.44	ppb
Antimony	121-1	1.91	2.10	1.95	1.99	4.96	ppb
Arsenic	75-2	0.97	0.88	1.10	0.98	11.48	ppb
Barium	135-1	9.41	10.04	9.71	9.72	3.24	ppb
Barium	137-1	9.25	10.56	9.99	9.93	6.61	ppb
Beryllium	9-1	0.87	1.03	0.94	0.95	8.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	21.09	25.03	26.89	24.34	12.17	ppb
Boron	11-1	22.05	25.31	27.69	25.02	11.32	ppb
Bromine	81-1						cps
Cadmium	111-1	1.20	0.95	1.40	1.18	18.77	ppb
Cadmium	106-1	1.49	-1.50	2.86	0.95	235.21	ppb
Cadmium	108-1	0.78	1.13	0.99	0.97	18.04	ppb
Calcium	43-1	491.53	483.82	503.97	493.11	2.06	ppb
Calcium	44-1	460.99	468.95	478.74	469.56	1.89	ppb
Chromium	52-2	2.19	1.87	2.13	2.06	8.28	ppb
Cobalt	59-2	0.92	0.96	1.10	0.99	9.46	ppb
Copper	63-2	2.44	2.44	2.38	2.42	1.55	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				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	59.10	57.54	62.93	59.85	4.63	ppb
Iron	56-2	54.70	54.08	53.74	54.17	0.90	ppb
Iron	57-2	53.11	63.61	52.90	56.54	10.83	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.10	0.97	1.00	9.04	ppb
Lead	207-1	0.99	0.93	0.88	0.93	5.98	ppb
Lead	208-1	0.98	1.00	0.89	0.96	6.01	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:19:11	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	531.12	527.71	519.90	526.24	1.09	ppb
Manganese	55-2	0.99	1.06	1.00	1.02	3.70	ppb
Molybdenum	94-1	4.70	4.84	4.97	4.84	2.85	ppb
Molybdenum	95-1	4.70	4.60	5.13	4.81	5.85	ppb
Molybdenum	96-1	4.83	4.94	4.84	4.87	1.22	ppb
Molybdenum	97-1	4.94	4.49	4.47	4.63	5.70	ppb
Molybdenum	98-1	4.82	4.75	5.17	4.91	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.05	0.79	0.90	15.41	ppb
Phosphorus	31-2	-16.06	-1.29	-13.66	-10.34		ppb
Potassium	39-2	480.20	494.55	484.81	486.52	1.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	5.75	6.30	7.13	6.39	10.84	ppb
Selenium	77-2	-0.76	17.08	8.99	8.44	105.84	ppb
Selenium	78-2	4.26	-0.54	2.55	2.09	116.56	ppb
Silicon	28-1	-26.63	-31.15	10.02	-15.92		ppb
Silver	109-1	1.00	0.90	0.88	0.93	7.04	ppb
Silver	107-1	0.88	0.85	0.94	0.89	5.03	ppb
Sodium	23-2	531.94	521.13	518.66	523.91	1.35	ppb
Strontium	86-1	1.14	0.88	1.17	1.06	15.38	ppb
Strontium	88-1	0.99	0.97	0.97	0.97	1.21	ppb
Sulfur	34-1	-3735.42	-3126.82	-2014.55	-2958.93		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.89	0.91	0.90	0.90	1.16	ppb
Thallium	205-1	0.97	0.91	1.01	0.96	5.22	ppb
Tin	118-1	4.48	4.87	4.66	4.67	4.22	ppb
Titanium	47-1	5.37	5.29	5.25	5.30	1.15	ppb
Uranium	238-1	0.84	0.89	0.77	0.83	7.47	ppb
Vanadium	51-2	5.03	5.20	5.00	5.08	2.07	ppb
Yttrium	89-1				102		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:19:11	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	2.27	1.66	2.29	2.07	17.23	ppb
Zirconium	90-1	0.96	0.98	0.93	0.96	2.43	ppb
Zirconium	91-1	0.87	0.93	1.07	0.95	10.76	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.69	-2.68	-0.54	-1.64		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	50.47	ppb
Arsenic	75-2	0.05	0.02	0.00	0.02	107.29	ppb
Barium	135-1	-0.02	0.01	0.02	0.01	356.40	ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.05	0.04	47.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	7.84	7.97	6.42	7.41	11.56	ppb
Boron	11-1	7.64	7.27	7.44	7.45	2.49	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.07	-0.05	-0.09		ppb
Cadmium	106-1	-1.90	-1.12	-0.70	-1.24		ppb
Cadmium	108-1	-0.28	-0.19	-0.28	-0.25		ppb
Calcium	43-1	-3.28	2.92	0.97	0.20	1574.05	ppb
Calcium	44-1	-22.09	-16.73	-18.65	-19.15		ppb
Chromium	52-2	0.01	-0.06	-0.04	-0.03		ppb
Cobalt	59-2	0.02	0.01	-0.01	0.00	367.21	ppb
Copper	63-2	0.13	0.04	0.13	0.10	48.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	1.17	0.47	2.31	1.32	70.62	ppb
Iron	56-2	0.88	0.72	0.65	0.75	15.86	ppb
Iron	57-2	2.84	4.01	2.01	2.95	33.95	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.12	0.13	7.41	ppb
Lead	207-1	0.02	0.03	0.14	0.06	105.71	ppb
Lead	208-1	0.08	0.08	0.10	0.09	18.06	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	1.07	-0.02	0.94	0.66	89.49	ppb
Manganese	55-2	0.05	-0.01	0.02	0.02	164.64	ppb
Molybdenum	94-1	0.00	0.06	0.05	0.04	94.30	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.04	0.01	-0.02	0.01	292.63	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.20	-0.17	-0.18		ppb
Phosphorus	31-2	31.70	-13.73	-29.79	-3.94		ppb
Potassium	39-2	27.05	-22.46	-32.76	-9.39		ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	-0.05	-2.89	-1.70	-1.54		ppb
Selenium	77-2	1.53	-0.83	1.19	0.63	202.65	ppb
Selenium	78-2	0.16	-4.13	-3.45	-2.47		ppb
Silicon	28-1	7.48	17.19	9.08	11.25	46.30	ppb
Silver	109-1	0.00	-0.01	0.01	0.00		ppb
Silver	107-1	-0.01	0.00	0.01	0.00	1851.98	ppb
Sodium	23-2	19.71	-11.60	-2.16	1.98	809.58	ppb
Strontium	86-1	-0.30	-0.20	0.11	-0.13		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-2507.08	-883.35	-695.50	-1361.98		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.03	0.00	0.01	143.03	ppb
Thallium	205-1	0.00	-0.02	0.00	-0.01		ppb
Tin	118-1	-0.01	0.02	-0.03	-0.01		ppb
Titanium	47-1	0.09	-0.05	0.20	0.08	164.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				99		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	-0.31	-0.17	-0.19	-0.22		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	134.04	ppb
Zirconium	91-1	-0.04	-0.01	-0.04	-0.03		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10832.65	10879.10	10693.65	10801.80	0.89	ppb
Antimony	121-1	485.02	500.57	503.46	496.35	2.00	ppb
Arsenic	75-2	515.94	511.00	512.07	513.00	0.51	ppb
Barium	135-1	2492.96	2494.06	2566.49	2517.84	1.67	ppb
Barium	137-1	2449.20	2491.81	2562.59	2501.20	2.29	ppb
Beryllium	9-1	482.27	505.59	493.09	493.65	2.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	363.49	436.12	471.38	423.66	12.99	ppb
Boron	11-1	364.98	430.41	466.79	420.73	12.26	ppb
Bromine	81-1						cps
Cadmium	111-1	494.59	498.41	511.04	501.35	1.72	ppb
Cadmium	106-1	497.23	512.82	515.61	508.55	1.95	ppb
Cadmium	108-1	497.01	504.29	525.12	508.80	2.87	ppb
Calcium	43-1	49062.62	51281.00	50257.92	50200.52	2.21	ppb
Calcium	44-1	50269.67	50732.48	51478.27	50826.80	1.20	ppb
Chromium	52-2	512.92	519.89	512.01	514.94	0.84	ppb
Cobalt	59-2	511.47	517.17	512.48	513.71	0.59	ppb
Copper	63-2	5092.46	5212.24	5296.64	5200.45	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	27627.46	27623.65	27530.63	27593.91	0.20	ppb
Iron	56-2	27296.40	27595.94	26997.32	27296.56	1.10	ppb
Iron	57-2	26848.62	27525.20	27162.62	27178.81	1.25	ppb
Krypton	83-1						cps
Lead	206-1	2408.38	2526.17	2579.98	2504.85	3.50	ppb
Lead	207-1	2414.46	2526.37	2638.51	2526.45	4.43	ppb
Lead	208-1	2393.14	2518.44	2574.90	2495.49	3.73	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	55341.19	54628.46	53610.33	54526.66	1.60	ppb
Manganese	55-2	5248.16	5210.56	5160.24	5206.32	0.85	ppb
Molybdenum	94-1	2420.95	2543.87	2529.70	2498.17	2.69	ppb
Molybdenum	95-1	2421.32	2550.04	2540.48	2503.95	2.86	ppb
Molybdenum	96-1	2480.05	2568.76	2503.29	2517.36	1.83	ppb
Molybdenum	97-1	2432.15	2542.05	2520.75	2498.32	2.33	ppb
Molybdenum	98-1	2398.49	2539.35	2558.41	2498.75	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.79	513.07	518.22	513.36	0.92	ppb
Phosphorus	31-2	10029.57	10234.74	9606.59	9956.97	3.22	ppb
Potassium	39-2	27301.13	27253.63	26397.29	26984.02	1.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	485.97	507.28	512.69	501.98	2.81	ppb
Selenium	77-2	468.55	478.40	541.36	496.11	7.96	ppb
Selenium	78-2	507.84	499.56	497.64	501.68	1.08	ppb
Silicon	28-1	412.77	461.37	434.18	436.10	5.58	ppb
Silver	109-1	498.77	506.80	508.83	504.80	1.05	ppb
Silver	107-1	493.36	496.39	516.56	502.10	2.51	ppb
Sodium	23-2	54262.34	54303.13	53883.33	54149.60	0.43	ppb
Strontium	86-1	482.14	511.50	512.60	502.08	3.44	ppb
Strontium	88-1	484.63	508.50	505.11	499.41	2.59	ppb
Sulfur	34-1	7212.48	7229.99	5707.88	6716.78	13.01	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	470.92	493.40	503.03	489.12	3.37	ppb
Thallium	205-1	482.16	506.38	511.30	499.95	3.12	ppb
Tin	118-1	486.32	506.78	505.74	499.62	2.31	ppb
Titanium	47-1	2404.36	2567.57	2505.71	2492.54	3.31	ppb
Uranium	238-1	475.07	489.13	502.74	488.98	2.83	ppb
Vanadium	51-2	510.40	515.52	508.30	511.41	0.73	ppb
Yttrium	89-1				106		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	5106.95	5164.38	5160.26	5143.87	0.62	ppb
Zirconium	90-1	493.89	504.13	507.43	501.81	1.41	ppb
Zirconium	91-1	479.82	497.74	508.53	495.37	2.93	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:28:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.38	36.46	38.50	36.78	4.31	ppb
Antimony	121-1	0.25	0.28	0.24	0.26	8.26	ppb
Arsenic	75-2	0.77	0.70	0.70	0.72	5.37	ppb
Barium	135-1	8.57	7.86	8.38	8.27	4.41	ppb
Barium	137-1	8.84	8.76	8.02	8.54	5.31	ppb
Beryllium	9-1	0.36	0.30	0.28	0.31	12.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	52.62	54.30	48.85	51.92	5.37	ppb
Boron	11-1	52.62	52.63	49.02	51.42	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.15	0.21	0.22	36.83	ppb
Cadmium	106-1	1.55	0.29	0.81	0.88	71.95	ppb
Cadmium	108-1	-0.21	0.34	0.03	0.05	510.62	ppb
Calcium	43-1	71791.11	72094.20	71510.48	71798.59	0.41	ppb
Calcium	44-1	71135.64	71912.45	70278.21	71108.77	1.15	ppb
Chromium	52-2	0.98	0.78	0.97	0.91	11.95	ppb
Cobalt	59-2	0.29	0.25	0.26	0.27	7.37	ppb
Copper	63-2	2.70	3.05	2.56	2.77	9.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	85.87	76.66	90.18	84.24	8.20	ppb
Iron	56-2	83.56	83.47	81.37	82.80	1.50	ppb
Iron	57-2	68.30	83.97	79.91	77.39	10.51	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.25	0.99	1.07	14.93	ppb
Lead	207-1	0.83	1.04	0.94	0.94	11.25	ppb
Lead	208-1	0.93	1.15	1.00	1.03	10.62	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:28:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	13570.54	13731.51	13563.79	13621.95	0.70	ppb
Manganese	55-2	4.81	5.05	4.66	4.84	4.02	ppb
Molybdenum	94-1	1.09	1.12	0.90	1.04	11.61	ppb
Molybdenum	95-1	1.09	1.12	0.95	1.05	8.79	ppb
Molybdenum	96-1	1.03	1.03	0.92	0.99	6.72	ppb
Molybdenum	97-1	1.09	0.93	0.89	0.97	10.94	ppb
Molybdenum	98-1	1.00	0.97	1.05	1.01	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.08	1.43	1.29	14.67	ppb
Phosphorus	31-2	-34.02	-17.87	-38.73	-30.21		ppb
Potassium	39-2	2038.50	2026.80	2030.99	2032.10	0.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	2.32	1.52	-1.20	0.88	209.19	ppb
Selenium	77-2	-0.92	-2.79	0.97	-0.91		ppb
Selenium	78-2	-1.61	-2.83	-3.13	-2.52		ppb
Silicon	28-1	6711.99	6708.00	6603.16	6674.38	0.92	ppb
Silver	109-1	0.18	0.19	0.21	0.19	6.41	ppb
Silver	107-1	0.19	0.22	0.17	0.19	13.51	ppb
Sodium	23-2	78665.05	78423.37	78183.60	78424.01	0.31	ppb
Strontium	86-1	437.47	430.00	432.37	433.28	0.88	ppb
Strontium	88-1	436.64	432.47	438.32	435.81	0.69	ppb
Sulfur	34-1	6240.46	5903.92	5405.10	5849.83	7.18	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.37	0.35	0.37	0.37	3.98	ppb
Thallium	205-1	0.41	0.41	0.36	0.39	7.21	ppb
Tin	118-1	0.18	0.26	0.18	0.21	22.00	ppb
Titanium	47-1	1.79	1.43	1.15	1.46	22.03	ppb
Uranium	238-1	0.44	0.45	0.46	0.45	1.85	ppb
Vanadium	51-2	0.36	0.45	0.45	0.42	11.85	ppb
Yttrium	89-1				107		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:28:41	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	3.42	3.32	3.00	3.24	6.84	ppb
Zirconium	90-1	0.18	0.24	0.18	0.20	16.06	ppb
Zirconium	91-1	0.18	0.22	0.21	0.20	10.14	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01DUP Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320E Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:31:29 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.20	33.86	36.42	34.16	6.23	ppb
Antimony	121-1	0.07	0.04	0.07	0.06	27.07	ppb
Arsenic	75-2	0.51	0.43	0.48	0.47	8.33	ppb
Barium	135-1	7.83	7.33	8.16	7.77	5.40	ppb
Barium	137-1	7.12	7.43	8.46	7.67	9.16	ppb
Beryllium	9-1	0.11	0.11	0.12	0.11	4.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	33.94	32.61	36.87	34.47	6.33	ppb
Boron	11-1	32.55	35.34	37.45	35.11	7.00	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.14	-0.10	-0.09		ppb
Cadmium	106-1	-0.67	-2.58	-1.63	-1.62		ppb
Cadmium	108-1	-0.45	-0.14	-0.20	-0.26		ppb
Calcium	43-1	71726.78	71030.93	77215.59	73324.43	4.62	ppb
Calcium	44-1	72364.72	71471.69	77203.05	73679.82	4.19	ppb
Chromium	52-2	0.75	0.76	0.68	0.73	5.95	ppb
Cobalt	59-2	0.07	0.06	0.07	0.06	10.33	ppb
Copper	63-2	0.51	0.37	0.61	0.50	24.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	70.29	70.23	75.91	72.14	4.53	ppb
Iron	56-2	72.92	72.98	72.90	72.93	0.06	ppb
Iron	57-2	69.49	83.43	89.87	80.93	12.87	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.25	0.25	4.70	ppb
Lead	207-1	0.25	0.17	0.20	0.21	19.06	ppb
Lead	208-1	0.28	0.21	0.23	0.24	14.73	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:31:29	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	13661.30	13652.50	13996.92	13770.24	1.43	ppb
Manganese	55-2	2.63	3.01	2.92	2.85	7.07	ppb
Molybdenum	94-1	0.17	0.13	0.18	0.16	16.63	ppb
Molybdenum	95-1	0.11	0.07	0.13	0.10	30.45	ppb
Molybdenum	96-1	0.08	0.04	0.10	0.08	40.86	ppb
Molybdenum	97-1	0.07	0.12	0.06	0.08	37.78	ppb
Molybdenum	98-1	0.12	0.07	0.12	0.11	26.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.83	1.04	0.97	12.63	ppb
Phosphorus	31-2	5.90	-18.76	20.67	2.61	764.40	ppb
Potassium	39-2	2016.37	2030.05	2092.85	2046.42	1.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	-0.04	0.00	3.26	1.07	176.32	ppb
Selenium	77-2	-0.93	-0.92	2.91	0.35	626.00	ppb
Selenium	78-2	-4.25	-5.76	-3.36	-4.46		ppb
Silicon	28-1	6749.20	6632.58	7139.61	6840.46	3.88	ppb
Silver	109-1	0.03	0.02	0.03	0.03	23.77	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.02	ppb
Sodium	23-2	78067.97	78486.58	80847.45	79134.00	1.89	ppb
Strontium	86-1	424.47	439.81	465.12	443.13	4.63	ppb
Strontium	88-1	432.40	443.89	469.59	448.63	4.24	ppb
Sulfur	34-1	6301.43	3678.98	9668.61	6549.67	45.84	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.09	0.11	0.10	11.48	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	5.51	ppb
Tin	118-1	0.01	-0.04	-0.02	-0.01		ppb
Titanium	47-1	0.63	0.45	0.60	0.56	17.18	ppb
Uranium	238-1	0.33	0.30	0.36	0.33	9.52	ppb
Vanadium	51-2	0.17	0.18	0.17	0.17	6.22	ppb
Yttrium	89-1				107		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:31:29	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	1.01	1.17	1.11	1.09	7.39	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	19.53	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	86.63	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01LX5 Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-30 16:34:20 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	3.38	4.27	3.65	14.76	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	27.44	ppb
Arsenic	75-2	0.15	0.11	0.09	0.12	24.44	ppb
Barium	135-1	1.46	1.51	1.47	1.48	1.69	ppb
Barium	137-1	1.56	1.37	1.51	1.48	6.66	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	7.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				109		%
Boron	10-1	17.58	17.20	15.11	16.63	8.00	ppb
Boron	11-1	16.86	16.84	15.85	16.52	3.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.17	-0.02	-0.10		ppb
Cadmium	106-1	-1.14	-2.60	-0.19	-1.31		ppb
Cadmium	108-1	-0.12	-0.29	-0.06	-0.16		ppb
Calcium	43-1	14450.74	14327.35	14406.16	14394.75	0.43	ppb
Calcium	44-1	14991.25	14364.47	14708.16	14687.96	2.14	ppb
Chromium	52-2	0.18	0.08	0.16	0.14	38.95	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	85.67	ppb
Copper	63-2	0.24	0.26	0.17	0.22	22.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	54-2	15.96	12.56	15.06	14.53	12.13	ppb
Iron	56-2	14.29	13.67	14.44	14.14	2.89	ppb
Iron	57-2	16.18	12.84	19.67	16.23	21.03	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.17	0.17	4.22	ppb
Lead	207-1	0.14	0.12	0.06	0.11	37.29	ppb
Lead	208-1	0.16	0.15	0.11	0.14	18.42	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01LX5 Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-30 16:34:20 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	2717.58	2704.33	2727.85	2716.59	0.43	ppb
Manganese	55-2	0.61	0.62	0.59	0.61	3.21	ppb
Molybdenum	94-1	0.10	0.11	0.02	0.07	63.18	ppb
Molybdenum	95-1	0.05	0.05	0.03	0.04	30.40	ppb
Molybdenum	96-1	0.05	0.02	0.00	0.03	87.83	ppb
Molybdenum	97-1	0.07	0.01	0.02	0.03	104.24	ppb
Molybdenum	98-1	0.02	0.08	0.03	0.04	84.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.09	0.09	0.07	37.13	ppb
Phosphorus	31-2	-18.66	18.24	-15.18	-5.20		ppb
Potassium	39-2	336.30	377.81	389.91	368.01	7.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	4.57	0.20	0.70	1.82	131.36	ppb
Selenium	77-2	-0.90	-0.91	-0.89	-0.90		ppb
Selenium	78-2	-4.61	-5.72	-1.95	-4.10		ppb
Silicon	28-1	1323.80	1297.63	1315.40	1312.28	1.02	ppb
Silver	109-1	0.00	0.02	0.00	0.01	142.18	ppb
Silver	107-1	0.03	0.00	0.00	0.01	130.94	ppb
Sodium	23-2	15805.52	15832.94	16096.10	15911.52	1.01	ppb
Strontium	86-1	88.82	84.34	87.48	86.88	2.64	ppb
Strontium	88-1	90.56	86.67	87.53	88.26	2.32	ppb
Sulfur	34-1	-143.30	-1514.92	-1682.81	-1113.68		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.09	0.04	0.06	43.89	ppb
Thallium	205-1	0.07	0.05	0.04	0.05	30.13	ppb
Tin	118-1	-0.06	-0.02	-0.02	-0.03		ppb
Titanium	47-1	0.16	0.28	0.10	0.18	50.72	ppb
Uranium	238-1	0.08	0.08	0.06	0.07	15.04	ppb
Vanadium	51-2	0.03	0.05	0.00	0.03	81.68	ppb
Yttrium	89-1				104		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-30 16:34:20	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	0.25	0.14	0.18	0.19	30.44	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	174.19	ppb
Zirconium	91-1	-0.03	-0.03	-0.01	-0.02		ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01MS Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:37:10 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11531.16	10332.65	10419.96	10761.26	6.21	ppb
Antimony	121-1	486.32	480.45	484.16	483.65	0.61	ppb
Arsenic	75-2	557.60	502.18	510.25	523.34	5.72	ppb
Barium	135-1	2422.34	2419.17	2469.76	2437.09	1.16	ppb
Barium	137-1	2440.17	2408.12	2455.39	2434.56	0.99	ppb
Beryllium	9-1	472.51	484.22	485.24	480.66	1.47	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	405.50	454.28	497.69	452.49	10.19	ppb
Boron	11-1	405.80	453.06	496.27	451.71	10.02	ppb
Bromine	81-1						cps
Cadmium	111-1	473.46	469.18	478.50	473.71	0.99	ppb
Cadmium	106-1	474.91	480.88	467.68	474.49	1.39	ppb
Cadmium	108-1	479.51	482.87	484.43	482.27	0.52	ppb
Calcium	43-1	164630.52	165346.54	163759.24	164578.76	0.48	ppb
Calcium	44-1	163995.59	163301.96	162416.15	163237.90	0.48	ppb
Chromium	52-2	533.79	482.71	488.37	501.62	5.58	ppb
Cobalt	59-2	530.28	474.99	485.09	496.79	5.93	ppb
Copper	63-2	5418.45	4891.76	4871.78	5060.66	6.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	28827.14	26132.09	26184.90	27048.04	5.70	ppb
Iron	56-2	28475.44	25812.90	26097.32	26795.22	5.46	ppb
Iron	57-2	28539.40	25580.44	25767.38	26629.07	6.22	ppb
Krypton	83-1						cps
Lead	206-1	2159.37	2263.97	2275.88	2233.08	2.87	ppb
Lead	207-1	2172.13	2247.97	2242.52	2220.87	1.90	ppb
Lead	208-1	2161.09	2243.65	2269.12	2224.62	2.54	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01MS Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:37:10 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	125500.62	109915.44	112852.05	116089.37	7.13	ppb
Manganese	55-2	5570.64	5002.21	4961.87	5178.24	6.57	ppb
Molybdenum	94-1	2422.14	2468.32	2454.94	2448.47	0.97	ppb
Molybdenum	95-1	2462.37	2506.98	2514.03	2494.46	1.12	ppb
Molybdenum	96-1	2444.09	2509.95	2507.38	2487.14	1.50	ppb
Molybdenum	97-1	2445.95	2519.04	2448.28	2471.09	1.68	ppb
Molybdenum	98-1	2456.66	2474.14	2468.97	2466.59	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.03	507.58	512.36	527.32	5.72	ppb
Phosphorus	31-2	-10.52	-47.20	-36.11	-31.28		ppb
Potassium	39-2	30781.26	27950.20	27724.24	28818.57	5.91	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	471.66	481.31	476.23	476.40	1.01	ppb
Selenium	77-2	483.92	461.80	458.07	467.93	2.99	ppb
Selenium	78-2	533.57	478.50	489.27	500.45	5.83	ppb
Silicon	28-1	6672.13	6696.47	6735.20	6701.27	0.47	ppb
Silver	109-1	415.29	351.81	405.28	390.79	8.73	ppb
Silver	107-1	411.70	432.46	407.05	417.07	3.24	ppb
Sodium	23-2	192056.06	171732.58	174454.84	179414.49	6.15	ppb
Strontium	86-1	876.92	895.31	896.98	889.74	1.25	ppb
Strontium	88-1	870.92	902.34	893.62	888.96	1.82	ppb
Sulfur	34-1	3093.20	4067.95	3188.62	3449.93	15.58	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	463.30	481.99	474.46	473.25	1.99	ppb
Thallium	205-1	465.40	487.69	492.72	481.93	3.02	ppb
Tin	118-1	474.65	482.99	484.99	480.88	1.14	ppb
Titanium	47-1	2410.03	2388.28	2381.21	2393.17	0.63	ppb
Uranium	238-1	472.49	490.19	476.20	479.62	1.95	ppb
Vanadium	51-2	541.93	486.81	485.42	504.72	6.39	ppb
Yttrium	89-1				110		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MS	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:37:10	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				110		%
Zinc	66-2	5358.47	4786.78	4890.15	5011.80	6.08	ppb
Zirconium	90-1	479.34	480.65	486.52	482.17	0.79	ppb
Zirconium	91-1	466.64	476.15	477.34	473.37	1.24	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10122.22	10156.63	10493.43	10257.42	2.00	ppb
Antimony	121-1	465.20	498.27	493.67	485.71	3.69	ppb
Arsenic	75-2	487.66	496.83	516.78	500.43	2.98	ppb
Barium	135-1	2381.31	2544.67	2501.94	2475.97	3.42	ppb
Barium	137-1	2378.04	2590.34	2516.44	2494.94	4.32	ppb
Beryllium	9-1	472.34	486.17	493.01	483.84	2.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	463.50	500.33	541.84	501.89	7.81	ppb
Boron	11-1	459.41	509.84	549.83	506.36	8.95	ppb
Bromine	81-1						cps
Cadmium	111-1	465.02	494.93	487.53	482.49	3.23	ppb
Cadmium	106-1	471.03	502.39	472.83	482.08	3.65	ppb
Cadmium	108-1	476.64	502.15	487.43	488.74	2.62	ppb
Calcium	43-1	165573.57	170490.64	166746.28	167603.50	1.53	ppb
Calcium	44-1	160637.21	167541.09	166128.60	164768.97	2.21	ppb
Chromium	52-2	474.34	475.44	492.30	480.70	2.09	ppb
Cobalt	59-2	467.53	470.82	479.98	472.78	1.36	ppb
Copper	63-2	4776.42	4788.80	4918.36	4827.86	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				116		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	25601.03	25686.50	26395.26	25894.26	1.68	ppb
Iron	56-2	25243.71	25542.77	26414.57	25733.68	2.36	ppb
Iron	57-2	24951.25	25157.92	26161.13	25423.43	2.55	ppb
Krypton	83-1						cps
Lead	206-1	3342.53	3477.07	3484.76	3434.78	2.33	ppb
Lead	207-1	3375.45	3438.66	3496.87	3436.99	1.77	ppb
Lead	208-1	3327.95	3448.52	3435.68	3404.05	1.95	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	111691.38	110296.29	115635.56	112541.07	2.46	ppb
Manganese	55-2	4892.21	4920.70	5017.77	4943.56	1.33	ppb
Molybdenum	94-1	2370.97	2497.64	2553.90	2474.17	3.79	ppb
Molybdenum	95-1	2446.79	2511.67	2580.55	2513.00	2.66	ppb
Molybdenum	96-1	2460.86	2523.76	2582.74	2522.45	2.42	ppb
Molybdenum	97-1	2483.83	2532.51	2567.50	2527.95	1.66	ppb
Molybdenum	98-1	2430.82	2527.05	2587.31	2515.06	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.14	493.51	512.70	499.78	2.24	ppb
Phosphorus	31-2	-36.39	-41.84	-4.84	-27.69		ppb
Potassium	39-2	27010.19	27406.93	27986.99	27468.04	1.79	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	465.72	486.75	497.95	483.47	3.38	ppb
Selenium	77-2	509.93	456.13	521.98	496.01	7.07	ppb
Selenium	78-2	478.67	483.47	500.18	487.44	2.32	ppb
Silicon	28-1	6693.69	6957.14	7015.63	6888.82	2.49	ppb
Silver	109-1	387.53	411.69	494.64	431.29	13.03	ppb
Silver	107-1	458.03	398.20	474.46	443.57	9.05	ppb
Sodium	23-2	169050.08	169277.71	174862.05	171063.28	1.92	ppb
Strontium	86-1	877.20	913.92	924.72	905.28	2.75	ppb
Strontium	88-1	880.19	908.70	915.50	901.47	2.08	ppb
Sulfur	34-1	2620.55	3846.91	4909.68	3792.38	30.21	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	467.64	488.42	484.80	480.29	2.31	ppb
Thallium	205-1	479.55	502.81	485.73	489.36	2.46	ppb
Tin	118-1	469.30	499.66	493.16	487.37	3.28	ppb
Titanium	47-1	2402.51	2484.23	2457.78	2448.17	1.70	ppb
Uranium	238-1	482.04	490.13	501.55	491.24	2.00	ppb
Vanadium	51-2	477.12	477.53	499.89	484.85	2.69	ppb
Yttrium	89-1				110		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	4717.62	4739.52	4864.25	4773.80	1.66	ppb
Zirconium	90-1	478.05	495.23	496.65	489.98	2.11	ppb
Zirconium	91-1	469.37	484.51	491.25	481.71	2.33	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01A	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:42:50	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10257.84	10225.79	10382.06	10288.56	0.80	ppb
Antimony	121-1	497.36	482.21	487.89	489.15	1.57	ppb
Arsenic	75-2	504.17	496.90	504.94	502.00	0.88	ppb
Barium	135-1	2487.35	2443.15	2462.46	2464.32	0.90	ppb
Barium	137-1	2511.52	2511.18	2461.22	2494.64	1.16	ppb
Beryllium	9-1	482.99	476.44	478.44	479.29	0.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				111		%
Boron	10-1	482.51	518.94	548.61	516.69	6.41	ppb
Boron	11-1	489.52	516.41	549.45	518.46	5.79	ppb
Bromine	81-1						cps
Cadmium	111-1	490.35	474.40	480.75	481.83	1.67	ppb
Cadmium	106-1	496.50	490.25	488.85	491.87	0.83	ppb
Cadmium	108-1	490.21	487.28	478.63	485.37	1.24	ppb
Calcium	43-1	169869.55	164469.87	166198.43	166845.95	1.65	ppb
Calcium	44-1	168335.67	164420.40	165022.89	165926.32	1.27	ppb
Chromium	52-2	476.20	475.64	485.84	479.23	1.20	ppb
Cobalt	59-2	472.05	473.17	479.32	474.85	0.82	ppb
Copper	63-2	4772.15	4717.78	4830.88	4773.61	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				116		%
Indium	115-1				106		%
Indium	115-2				111		%
Iron	54-2	26028.51	25704.98	25993.34	25908.94	0.69	ppb
Iron	56-2	25710.84	25834.70	25971.38	25838.97	0.50	ppb
Iron	57-2	25437.05	25631.76	26004.58	25691.13	1.12	ppb
Krypton	83-1						cps
Lead	206-1	3293.05	3264.18	3329.47	3295.57	0.99	ppb
Lead	207-1	3256.70	3278.33	3338.55	3291.19	1.29	ppb
Lead	208-1	3307.84	3279.59	3282.31	3289.92	0.47	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01A	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:42:50	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	112713.62	112734.81	112702.90	112717.11	0.01	ppb
Manganese	55-2	4998.69	4903.26	5060.00	4987.32	1.58	ppb
Molybdenum	94-1	2500.14	2516.80	2440.35	2485.76	1.62	ppb
Molybdenum	95-1	2541.84	2580.74	2517.29	2546.62	1.26	ppb
Molybdenum	96-1	2508.98	2534.26	2450.89	2498.04	1.71	ppb
Molybdenum	97-1	2518.93	2524.07	2463.68	2502.23	1.34	ppb
Molybdenum	98-1	2516.75	2557.09	2521.70	2531.85	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.00	500.33	505.95	502.76	0.57	ppb
Phosphorus	31-2	-35.49	-37.09	-6.87	-26.48		ppb
Potassium	39-2	27448.07	27608.57	27830.84	27629.16	0.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	491.26	480.19	482.29	484.58	1.21	ppb
Selenium	77-2	533.87	533.36	468.40	511.88	7.36	ppb
Selenium	78-2	483.54	465.91	515.21	488.22	5.12	ppb
Silicon	28-1	7071.76	6803.61	6667.51	6847.62	3.00	ppb
Silver	109-1	428.86	403.71	395.58	409.38	4.24	ppb
Silver	107-1	383.71	475.00	461.10	439.93	11.18	ppb
Sodium	23-2	172462.83	172675.54	174097.08	173078.48	0.51	ppb
Strontium	86-1	905.11	920.35	909.87	911.78	0.86	ppb
Strontium	88-1	915.87	913.76	899.15	909.59	1.00	ppb
Sulfur	34-1	6367.06	3494.32	2319.72	4060.37	51.28	ppb
Terbium	159-1				107		%
Terbium	159-2				114		%
Thallium	203-1	477.93	475.80	475.54	476.42	0.27	ppb
Thallium	205-1	487.57	485.92	488.49	487.33	0.27	ppb
Tin	118-1	493.42	490.00	492.30	491.90	0.35	ppb
Titanium	47-1	2443.57	2412.27	2357.22	2404.35	1.82	ppb
Uranium	238-1	491.95	490.66	478.72	487.11	1.50	ppb
Vanadium	51-2	482.68	485.77	487.58	485.34	0.51	ppb
Yttrium	89-1				107		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01A	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:42:50	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	4777.69	4792.25	4833.02	4800.99	0.60	ppb
Zirconium	90-1	498.04	488.19	485.71	490.65	1.33	ppb
Zirconium	91-1	485.79	483.51	481.14	483.48	0.48	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-02	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6523-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:45:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	230.20	220.64	230.51	227.12	2.47	ppb
Antimony	121-1	0.36	0.34	0.35	0.35	2.23	ppb
Arsenic	75-2	0.58	0.67	0.48	0.58	16.55	ppb
Barium	135-1	9.41	9.59	10.86	9.96	7.95	ppb
Barium	137-1	9.52	9.62	11.24	10.13	9.55	ppb
Beryllium	9-1	0.53	0.44	0.49	0.49	10.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	104.52	101.80	110.87	105.73	4.40	ppb
Boron	11-1	102.24	98.93	108.95	103.37	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.27	0.25	0.21	37.62	ppb
Cadmium	106-1	-0.28	2.06	1.77	1.18	107.99	ppb
Cadmium	108-1	-0.08	-0.07	-0.10	-0.08		ppb
Calcium	43-1	21756.12	23871.91	26575.14	24067.72	10.04	ppb
Calcium	44-1	22220.18	23658.72	26660.02	24179.64	9.37	ppb
Chromium	52-2	0.60	0.66	0.66	0.64	5.75	ppb
Cobalt	59-2	0.31	0.35	0.37	0.34	9.00	ppb
Copper	63-2	3.13	3.23	3.01	3.12	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				114		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	54-2	725.55	704.61	704.47	711.54	1.71	ppb
Iron	56-2	714.78	710.21	718.46	714.48	0.58	ppb
Iron	57-2	705.58	706.75	722.89	711.74	1.36	ppb
Krypton	83-1						cps
Lead	206-1	1.80	1.61	1.88	1.76	7.65	ppb
Lead	207-1	1.59	1.57	1.79	1.65	7.47	ppb
Lead	208-1	1.72	1.54	1.78	1.68	7.39	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-02	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6523-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:45:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	4745.09	4735.16	4812.67	4764.31	0.89	ppb
Manganese	55-2	361.10	361.79	361.18	361.36	0.10	ppb
Molybdenum	94-1	0.85	0.79	1.04	0.90	14.81	ppb
Molybdenum	95-1	1.18	0.81	0.92	0.97	19.58	ppb
Molybdenum	96-1	0.96	0.74	0.94	0.88	14.39	ppb
Molybdenum	97-1	0.88	0.84	0.82	0.85	3.56	ppb
Molybdenum	98-1	1.01	0.80	0.88	0.90	12.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.77	0.76	0.84	15.92	ppb
Phosphorus	31-2	32.11	25.53	28.38	28.67	11.51	ppb
Potassium	39-2	1882.91	1868.74	1909.61	1887.09	1.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				113		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	0.35	0.63	0.99	0.66	49.33	ppb
Selenium	77-2	2.75	-0.96	2.75	1.51	141.71	ppb
Selenium	78-2	-6.87	-3.57	-2.80	-4.41		ppb
Silicon	28-1	5810.06	6384.07	7112.28	6435.47	10.14	ppb
Silver	109-1	0.45	0.41	0.40	0.42	5.52	ppb
Silver	107-1	0.47	0.33	0.37	0.39	18.01	ppb
Sodium	23-2	36462.11	36330.22	36498.86	36430.40	0.24	ppb
Strontium	86-1	101.03	105.53	121.29	109.28	9.74	ppb
Strontium	88-1	104.38	107.55	123.76	111.90	9.29	ppb
Sulfur	34-1	-790.06	3211.60	10603.41	4341.65	133.13	ppb
Terbium	159-1				106		%
Terbium	159-2				112		%
Thallium	203-1	0.56	0.52	0.41	0.50	15.35	ppb
Thallium	205-1	0.55	0.43	0.46	0.48	12.73	ppb
Tin	118-1	0.14	0.10	0.07	0.10	34.91	ppb
Titanium	47-1	9.86	10.87	30.79	17.17	68.72	ppb
Uranium	238-1	0.19	0.12	0.17	0.16	19.84	ppb
Vanadium	51-2	1.14	1.01	0.97	1.04	8.79	ppb
Yttrium	89-1				107		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-02	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6523-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:45:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	3.02	2.75	2.75	2.84	5.42	ppb
Zirconium	90-1	0.14	0.09	0.12	0.12	20.29	ppb
Zirconium	91-1	0.12	0.07	0.12	0.10	30.88	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:57:01	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50912.91	50601.90	51134.33	50883.04	0.53	ppb
Antimony	121-1	505.48	507.76	498.66	503.97	0.94	ppb
Arsenic	75-2	496.03	494.93	505.13	498.70	1.12	ppb
Barium	135-1	2541.41	2519.13	2535.96	2532.17	0.46	ppb
Barium	137-1	2564.64	2521.32	2527.24	2537.74	0.93	ppb
Beryllium	9-1	502.44	508.66	504.83	505.31	0.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	446.19	498.51	516.32	487.01	7.49	ppb
Boron	11-1	440.50	498.02	526.58	488.37	8.98	ppb
Bromine	81-1						cps
Cadmium	111-1	493.48	491.04	481.22	488.58	1.33	ppb
Cadmium	106-1	499.43	488.31	492.16	493.30	1.14	ppb
Cadmium	108-1	502.19	493.18	492.88	496.08	1.07	ppb
Calcium	43-1	250839.68	253196.13	246029.57	250021.79	1.46	ppb
Calcium	44-1	246889.94	247649.98	248132.85	247557.59	0.25	ppb
Chromium	52-2	497.34	494.55	501.20	497.69	0.67	ppb
Cobalt	59-2	491.61	488.21	493.83	491.22	0.58	ppb
Copper	63-2	5050.18	4920.99	4963.83	4978.33	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	131587.35	129110.21	132303.57	131000.37	1.28	ppb
Iron	56-2	130769.11	128040.94	131796.41	130202.16	1.49	ppb
Iron	57-2	134791.93	131315.37	134729.89	133612.40	1.49	ppb
Krypton	83-1						cps
Lead	206-1	2528.60	2591.82	2491.84	2537.42	1.99	ppb
Lead	207-1	2551.70	2594.92	2508.64	2551.75	1.69	ppb
Lead	208-1	2530.89	2563.50	2489.39	2527.93	1.47	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:57:01	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	255616.56	251248.63	252523.61	253129.60	0.89	ppb
Manganese	55-2	5117.75	5056.61	5112.78	5095.71	0.67	ppb
Molybdenum	94-1	2512.56	2558.06	2572.09	2547.57	1.22	ppb
Molybdenum	95-1	2580.08	2551.02	2590.15	2573.75	0.79	ppb
Molybdenum	96-1	2600.28	2550.11	2523.30	2557.90	1.53	ppb
Molybdenum	97-1	2520.98	2535.55	2550.06	2535.53	0.57	ppb
Molybdenum	98-1	2544.29	2541.10	2543.41	2542.93	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.13	490.10	498.66	493.63	0.91	ppb
Phosphorus	31-2	10134.68	9785.52	9591.62	9837.27	2.80	ppb
Potassium	39-2	128372.86	124930.45	127906.32	127069.88	1.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	503.72	490.45	497.76	497.31	1.34	ppb
Selenium	77-2	481.04	502.75	521.83	501.87	4.07	ppb
Selenium	78-2	506.02	486.38	504.91	499.10	2.21	ppb
Silicon	28-1	599.27	653.16	705.97	652.80	8.17	ppb
Silver	109-1	496.71	489.33	482.27	489.44	1.48	ppb
Silver	107-1	492.25	494.93	486.09	491.09	0.92	ppb
Sodium	23-2	253415.83	250231.07	256868.67	253505.19	1.31	ppb
Strontium	86-1	500.05	505.03	508.57	504.55	0.85	ppb
Strontium	88-1	508.95	513.69	502.92	508.52	1.06	ppb
Sulfur	34-1	8152.38	6705.62	7142.49	7333.50	10.12	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	497.51	499.97	487.08	494.85	1.38	ppb
Thallium	205-1	511.28	515.58	495.28	507.38	2.11	ppb
Tin	118-1	495.80	499.51	501.02	498.78	0.54	ppb
Titanium	47-1	2467.34	2529.52	2509.98	2502.28	1.27	ppb
Uranium	238-1	510.73	503.01	503.47	505.74	0.86	ppb
Vanadium	51-2	501.35	494.18	504.22	499.92	1.03	ppb
Yttrium	89-1				106		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:57:01	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4949.51	4867.25	4958.68	4925.15	1.02	ppb
Zirconium	90-1	514.51	508.85	512.65	512.01	0.56	ppb
Zirconium	91-1	505.36	497.69	513.23	505.43	1.54	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 17:07:14 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	-1.65	-0.37	-1.12		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	11.48	ppb
Arsenic	75-2	0.04	0.00	0.07	0.04	94.87	ppb
Barium	135-1	0.02	0.03	-0.01	0.02	126.70	ppb
Barium	137-1	0.04	0.04	0.07	0.05	26.04	ppb
Beryllium	9-1	0.13	0.11	0.16	0.14	18.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	14.71	14.29	16.06	15.02	6.15	ppb
Boron	11-1	15.25	15.27	15.82	15.45	2.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.12	-0.01	-0.07		ppb
Cadmium	106-1	-1.10	-1.50	-0.02	-0.87		ppb
Cadmium	108-1	-0.29	-0.37	-0.21	-0.29		ppb
Calcium	43-1	3.62	3.96	0.35	2.64	75.31	ppb
Calcium	44-1	-22.35	-17.95	-24.99	-21.76		ppb
Chromium	52-2	0.01	-0.09	0.03	-0.02		ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	144.15	ppb
Copper	63-2	0.39	0.40	0.47	0.42	10.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	2.54	1.45	4.45	2.81	54.12	ppb
Iron	56-2	2.16	2.03	2.00	2.06	4.25	ppb
Iron	57-2	3.51	0.44	0.96	1.64	100.40	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.27	0.19	0.23	19.73	ppb
Lead	207-1	0.22	0.13	0.16	0.17	26.90	ppb
Lead	208-1	0.24	0.24	0.20	0.22	10.61	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:07:14	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	7.41	4.01	5.70	5.71	29.78	ppb
Manganese	55-2	0.11	0.11	0.20	0.14	35.21	ppb
Molybdenum	94-1	0.11	0.08	0.04	0.08	39.39	ppb
Molybdenum	95-1	0.02	0.07	0.00	0.03	119.22	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	35.74	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	43.48	ppb
Molybdenum	98-1	0.03	0.05	0.03	0.04	31.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.16	-0.25	-0.20		ppb
Phosphorus	31-2	43.02	4.46	-9.57	12.64	215.51	ppb
Potassium	39-2	-16.94	-11.87	-0.41	-9.74		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	2.17	0.24	0.13	0.85	135.46	ppb
Selenium	77-2	-0.81	-2.79	-2.79	-2.13		ppb
Selenium	78-2	-4.02	-3.12	-4.98	-4.04		ppb
Silicon	28-1	-15.46	-2.82	-38.57	-18.95		ppb
Silver	109-1	0.07	0.04	0.02	0.04	56.98	ppb
Silver	107-1	0.06	0.04	0.02	0.04	47.74	ppb
Sodium	23-2	27.59	27.93	36.97	30.83	17.27	ppb
Strontium	86-1	-0.01	0.10	-0.19	-0.04		ppb
Strontium	88-1	0.00	0.00	-0.01	-0.01		ppb
Sulfur	34-1	-2356.85	-1480.85	-4166.90	-2668.20		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.02	0.06	53.06	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	20.09	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.06	0.11	0.03	0.03	291.18	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	88.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:07:14	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	0.13	-0.02	0.16	0.09	108.79	ppb
Zirconium	90-1	0.02	0.03	0.00	0.02	78.16	ppb
Zirconium	91-1	0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.84	-1.23	-3.75	-2.61		ppb
Antimony	121-1	19.41	19.17	18.98	19.19	1.14	ppb
Arsenic	75-2	11.13	10.52	10.67	10.77	2.97	ppb
Barium	135-1	49.63	48.95	46.60	48.39	3.29	ppb
Barium	137-1	48.66	47.68	48.43	48.26	1.05	ppb
Beryllium	9-1	4.01	3.97	3.83	3.94	2.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	10.48	10.36	10.36	10.40	0.65	ppb
Boron	11-1	10.31	10.50	9.70	10.17	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	6.61	6.77	6.89	6.76	2.10	ppb
Cadmium	106-1	6.48	5.31	6.73	6.17	12.32	ppb
Cadmium	108-1	5.56	6.10	5.62	5.76	5.19	ppb
Calcium	43-1	705.56	697.11	684.76	695.81	1.50	ppb
Calcium	44-1	677.23	683.80	678.46	679.83	0.51	ppb
Chromium	52-2	-0.07	-0.06	-0.11	-0.08		ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	47.16	ppb
Copper	63-2	11.59	11.45	11.93	11.66	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	2.32	1.68	2.69	2.23	23.01	ppb
Iron	56-2	1.92	2.71	2.22	2.28	17.38	ppb
Iron	57-2	3.92	2.19	1.55	2.55	47.91	ppb
Krypton	83-1						cps
Lead	206-1	5.53	5.58	5.58	5.57	0.49	ppb
Lead	207-1	5.27	5.54	5.41	5.40	2.51	ppb
Lead	208-1	5.37	5.46	5.55	5.46	1.65	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	2.77	1.26	3.20	2.41	42.43	ppb
Manganese	55-2	13.97	14.88	13.90	14.25	3.81	ppb
Molybdenum	94-1	0.02	0.02	0.06	0.03	79.64	ppb
Molybdenum	95-1	0.04	0.02	0.00	0.02	92.54	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	23.90	ppb
Molybdenum	97-1	0.02	0.00	0.02	0.01	90.77	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	69.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.37	6.81	6.41	6.53	3.67	ppb
Phosphorus	31-2	28.30	-0.39	16.89	14.93	96.75	ppb
Potassium	39-2	426.91	423.31	435.49	428.57	1.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	22.97	26.21	23.22	24.14	7.47	ppb
Selenium	77-2	17.09	35.33	32.73	28.38	34.75	ppb
Selenium	78-2	19.73	20.94	25.09	21.92	12.82	ppb
Silicon	28-1	-53.43	-38.78	-35.70	-42.64		ppb
Silver	109-1	10.48	10.11	10.33	10.31	1.80	ppb
Silver	107-1	10.56	10.46	10.45	10.49	0.60	ppb
Sodium	23-2	771.13	785.38	761.57	772.70	1.55	ppb
Strontium	86-1	-0.21	-0.35	0.09	-0.15		ppb
Strontium	88-1	0.03	0.02	0.01	0.02	42.56	ppb
Sulfur	34-1	-3768.23	-4469.03	-4776.39	-4337.88		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	4.62	4.74	4.68	4.68	1.26	ppb
Thallium	205-1	4.74	4.84	4.67	4.75	1.85	ppb
Tin	118-1	0.03	-0.01	0.43	0.15	162.39	ppb
Titanium	47-1	-0.05	0.10	-0.02	0.01	858.04	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	197.61	ppb
Yttrium	89-1				104		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	20.21	20.49	19.56	20.09	2.39	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	161.61	ppb
Zirconium	91-1	-0.01	-0.03	-0.02	-0.02		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-03	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6512-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:18:46	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.81	31.22	37.45	34.16	9.17	ppb
Antimony	121-1	0.07	0.15	0.08	0.10	41.72	ppb
Arsenic	75-2	39.30	37.44	37.93	38.22	2.52	ppb
Barium	135-1	26.77	26.64	26.31	26.58	0.89	ppb
Barium	137-1	26.37	27.45	26.71	26.84	2.05	ppb
Beryllium	9-1	0.10	0.09	0.08	0.09	10.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	34.04	37.37	40.79	37.40	9.03	ppb
Boron	11-1	33.71	38.42	41.46	37.86	10.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	0.01	0.09	-0.01		ppb
Cadmium	106-1	-1.85	0.15	0.85	-0.28		ppb
Cadmium	108-1	-0.22	0.10	-0.22	-0.11		ppb
Calcium	43-1	77838.67	80013.65	80067.53	79306.62	1.60	ppb
Calcium	44-1	78907.37	80356.90	79962.78	79742.35	0.94	ppb
Chromium	52-2	0.04	0.18	0.13	0.12	61.64	ppb
Cobalt	59-2	5.94	5.68	5.90	5.84	2.37	ppb
Copper	63-2	0.33	0.34	0.36	0.35	3.81	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				110		%
Holmium	165-2				116		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	54-2	30216.03	30006.57	30377.49	30200.03	0.62	ppb
Iron	56-2	30394.96	30705.69	30872.15	30657.60	0.79	ppb
Iron	57-2	29937.77	29820.56	30294.18	30017.50	0.82	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.38	0.35	0.38	9.76	ppb
Lead	207-1	0.37	0.41	0.27	0.35	20.67	ppb
Lead	208-1	0.38	0.39	0.33	0.37	7.42	ppb

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-03 Instrumnet Name : P8
 Client Sample ID : SS013-13-6512-122320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 17:18:46 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	26072.26	26017.78	26418.69	26169.58	0.83	ppb
Manganese	55-2	8988.52	8796.39	8874.92	8886.61	1.09	ppb
Molybdenum	94-1	2.07	2.48	2.48	2.35	10.09	ppb
Molybdenum	95-1	3.06	2.93	3.08	3.02	2.65	ppb
Molybdenum	96-1	2.94	2.84	3.08	2.96	4.16	ppb
Molybdenum	97-1	3.07	2.77	2.69	2.84	6.92	ppb
Molybdenum	98-1	3.17	3.03	2.98	3.06	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.68	16.83	17.01	16.84	0.99	ppb
Phosphorus	31-2	-14.30	84.93	20.90	30.51	164.89	ppb
Potassium	39-2	2145.85	2121.79	2149.94	2139.19	0.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.58	2.66	0.03	1.09	127.11	ppb
Selenium	77-2	-0.95	-0.95	-0.95	-0.95		ppb
Selenium	78-2	-4.69	-3.17	-2.51	-3.46		ppb
Silicon	28-1	12026.79	12292.78	12113.08	12144.22	1.12	ppb
Silver	109-1	0.01	0.00	0.00	0.00	104.97	ppb
Silver	107-1	-0.01	0.00	0.01	0.00		ppb
Sodium	23-2	46400.43	46535.35	46484.65	46473.48	0.15	ppb
Strontium	86-1	432.99	436.51	442.07	437.19	1.05	ppb
Strontium	88-1	444.69	448.59	447.86	447.05	0.46	ppb
Sulfur	34-1	-6477.33	-5679.07	-5827.96	-5994.79		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.04	0.02	0.02	0.03	56.95	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	92.84	ppb
Tin	118-1	0.01	0.01	0.03	0.02	67.60	ppb
Titanium	47-1	1.27	1.37	0.77	1.14	28.07	ppb
Uranium	238-1	0.13	0.12	0.14	0.13	7.59	ppb
Vanadium	51-2	0.16	0.15	0.13	0.15	8.35	ppb
Yttrium	89-1				109		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-03	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6512-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:18:46	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				112		%
Zinc	66-2	2.17	2.09	2.42	2.22	7.83	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	25.14	ppb
Zirconium	91-1	0.09	0.07	0.10	0.09	19.02	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:22:41	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50542.15	51803.61	50704.35	51016.70	1.35	ppb
Antimony	121-1	474.02	490.54	486.65	483.74	1.78	ppb
Arsenic	75-2	494.94	499.84	491.29	495.36	0.87	ppb
Barium	135-1	2363.59	2485.47	2427.29	2425.45	2.51	ppb
Barium	137-1	2432.85	2497.34	2472.55	2467.58	1.32	ppb
Beryllium	9-1	486.46	507.33	491.32	495.04	2.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	420.53	482.79	507.62	470.32	9.54	ppb
Boron	11-1	421.12	485.14	502.40	469.55	9.12	ppb
Bromine	81-1						cps
Cadmium	111-1	469.63	483.14	475.74	476.17	1.42	ppb
Cadmium	106-1	465.18	482.42	469.46	472.36	1.90	ppb
Cadmium	108-1	462.37	478.10	466.21	468.89	1.75	ppb
Calcium	43-1	236132.75	252936.50	247748.52	245605.92	3.50	ppb
Calcium	44-1	237299.77	249031.34	246654.24	244328.45	2.54	ppb
Chromium	52-2	494.61	501.50	493.10	496.41	0.90	ppb
Cobalt	59-2	492.82	500.50	490.47	494.60	1.06	ppb
Copper	63-2	4988.20	5025.04	4974.07	4995.77	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	129723.48	132017.24	128909.37	130216.70	1.24	ppb
Iron	56-2	129877.57	131315.92	127988.44	129727.31	1.29	ppb
Iron	57-2	131281.67	134012.32	129156.60	131483.53	1.85	ppb
Krypton	83-1						cps
Lead	206-1	2404.80	2507.70	2557.69	2490.07	3.13	ppb
Lead	207-1	2403.43	2496.99	2520.47	2473.63	2.50	ppb
Lead	208-1	2395.95	2487.53	2512.57	2465.35	2.49	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:22:41	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	256164.65	259312.38	256263.96	257246.99	0.70	ppb
Manganese	55-2	5045.33	5115.92	5008.36	5056.54	1.08	ppb
Molybdenum	94-1	2350.96	2466.69	2550.89	2456.18	4.09	ppb
Molybdenum	95-1	2388.62	2505.42	2551.42	2481.82	3.38	ppb
Molybdenum	96-1	2324.05	2458.14	2572.08	2451.42	5.06	ppb
Molybdenum	97-1	2359.66	2454.89	2538.60	2451.05	3.65	ppb
Molybdenum	98-1	2321.57	2446.74	2483.75	2417.36	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.31	503.51	490.49	494.10	1.66	ppb
Phosphorus	31-2	9860.79	10097.27	9952.26	9970.11	1.20	ppb
Potassium	39-2	125221.47	129788.89	125710.72	126907.03	1.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	464.94	481.45	486.69	477.69	2.38	ppb
Selenium	77-2	442.11	491.07	474.68	469.29	5.31	ppb
Selenium	78-2	497.13	509.32	496.99	501.15	1.41	ppb
Silicon	28-1	537.85	638.37	716.94	631.05	14.22	ppb
Silver	109-1	468.51	484.65	476.51	476.56	1.69	ppb
Silver	107-1	474.85	491.45	468.69	478.33	2.46	ppb
Sodium	23-2	252569.06	258835.39	254132.19	255178.88	1.28	ppb
Strontium	86-1	470.97	490.85	495.78	485.87	2.70	ppb
Strontium	88-1	478.18	487.47	502.30	489.32	2.49	ppb
Sulfur	34-1	6825.04	8477.87	7538.05	7613.65	10.89	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	467.74	488.14	500.08	485.32	3.37	ppb
Thallium	205-1	481.74	493.31	506.18	493.74	2.48	ppb
Tin	118-1	475.58	485.07	486.43	482.36	1.23	ppb
Titanium	47-1	2386.46	2530.60	2506.90	2474.65	3.12	ppb
Uranium	238-1	478.72	500.07	511.14	496.65	3.32	ppb
Vanadium	51-2	498.08	511.38	497.60	502.35	1.56	ppb
Yttrium	89-1				108		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:22:41	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4914.31	4972.32	4895.95	4927.53	0.81	ppb
Zirconium	90-1	476.64	509.14	496.56	494.11	3.32	ppb
Zirconium	91-1	463.94	493.53	494.02	483.83	3.56	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.47	-1.38	-1.36	-1.40		ppb
Antimony	121-1	0.01	0.01	0.02	0.02	28.97	ppb
Arsenic	75-2	0.02	0.03	0.04	0.03	34.67	ppb
Barium	135-1	0.02	-0.02	0.00	0.00		ppb
Barium	137-1	0.02	-0.01	-0.02	0.00		ppb
Beryllium	9-1	0.09	0.11	0.08	0.09	14.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	9.00	8.75	8.71	8.82	1.80	ppb
Boron	11-1	8.42	8.95	9.43	8.93	5.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.13	-0.25	-0.25		ppb
Cadmium	106-1	-5.06	-2.01	-3.25	-3.44		ppb
Cadmium	108-1	-0.03	-0.37	-0.20	-0.20		ppb
Calcium	43-1	1.31	-1.48	-0.26	-0.14		ppb
Calcium	44-1	-28.26	-25.00	-24.26	-25.84		ppb
Chromium	52-2	0.01	0.09	0.00	0.03	152.48	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.33	0.29	0.22	0.28	20.12	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				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	1.45	4.13	0.82	2.14	82.40	ppb
Iron	56-2	2.21	1.50	1.28	1.66	29.31	ppb
Iron	57-2	8.33	1.89	0.26	3.49	122.14	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.19	0.19	3.61	ppb
Lead	207-1	0.20	0.13	0.18	0.17	21.92	ppb
Lead	208-1	0.19	0.18	0.18	0.18	5.03	ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	8.72	2.40	3.06	4.73	73.57	ppb
Manganese	55-2	0.21	0.20	0.09	0.17	39.30	ppb
Molybdenum	94-1	0.05	-0.01	0.06	0.04	111.58	ppb
Molybdenum	95-1	0.04	0.00	0.01	0.01	138.95	ppb
Molybdenum	96-1	0.04	-0.01	0.00	0.01	310.26	ppb
Molybdenum	97-1	0.04	0.02	0.00	0.02	100.08	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	79.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.03	-0.15	-0.11		ppb
Phosphorus	31-2	13.88	4.17	-43.37	-8.44		ppb
Potassium	39-2	71.03	30.13	-13.02	29.38	143.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	-1.12	0.31	-1.15	-0.65		ppb
Selenium	77-2	-0.50	-0.60	-2.79	-1.30		ppb
Selenium	78-2	-1.72	-4.85	-2.69	-3.09		ppb
Silicon	28-1	-10.12	1.49	5.85	-0.93		ppb
Silver	109-1	0.01	0.01	0.02	0.01	52.52	ppb
Silver	107-1	0.02	0.01	0.00	0.01	139.59	ppb
Sodium	23-2	52.60	41.78	14.65	36.34	53.78	ppb
Strontium	86-1	-0.34	0.03	-0.10	-0.14		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2497.15	-3116.11	-896.67	-2169.98		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.03	0.04	0.05	50.55	ppb
Thallium	205-1	0.01	0.03	0.03	0.02	33.66	ppb
Tin	118-1	0.00	-0.02	-0.03	-0.02		ppb
Titanium	47-1	-0.12	0.33	-0.07	0.05	519.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	95.66	ppb
Yttrium	89-1				100		%

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				95		%
Zinc	66-2	-0.09	0.14	0.01	0.02	678.43	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	440	404	440	428	4.89	cps
Antimony	121-1	33	58	25	39	44.61	cps
Arsenic	75-2	7	3	4	5	44.61	cps
Barium	135-1	25	50	33	36	35.25	cps
Barium	137-1	67	33	58	53	32.87	cps
Beryllium	9-1	94	106	112	104	8.81	cps
Bismuth	209-1	1936607	1948598	2013128	1966111	2.09	cps
Bismuth	209-2	1174683	1087479	1130114	1130759	3.86	cps
Boron	10-1	156	166	142	155	7.80	cps
Boron	11-1	736	740	688	721	4.01	cps
Bromine	81-1	3654	3204	3734	3531	8.10	cps
Cadmium	111-1	1056	1235	1039	1110	9.75	cps
Cadmium	106-1	1500	1758	1500	1586	9.40	cps
Cadmium	108-1	21	13	33	22	47.18	cps
Calcium	43-1	255	234	224	237	6.72	cps
Calcium	44-1	18069	17803	17658	17843	1.17	cps
Chromium	52-2	583	640	593	606	4.99	cps
Cobalt	59-2	70	60	63	64	7.90	cps
Copper	63-2	600	670	620	630	5.72	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Gadolinium	160-2	20	13	7	13	49.99	cps
Holmium	165-1	3460095	3495100	3570729	3508641	1.61	cps
Holmium	165-2	1748472	1619802	1680664	1682980	3.82	cps
Indium	115-1	3600439	3572097	3615637	3596058	0.61	cps
Indium	115-2	622171	581588	599144	600968	3.39	cps
Iron	54-2	378	428	406	404	6.21	cps
Iron	56-2	3006	2900	3239	3049	5.69	cps
Iron	57-2	128	94	83	102	22.71	cps
Krypton	83-1	1840	1937	1813	1863	3.48	cps
Lead	206-1	278	261	294	278	6.00	cps
Lead	207-1	306	283	317	302	5.62	cps
Lead	208-1	1178	1178	1294	1217	5.54	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1282162	1270552	1332248	1294987	2.53	cps
Magnesium	24-2	867	792	817	825	4.63	cps
Manganese	55-2	120	120	130	123	4.68	cps
Molybdenum	94-1	50	92	67	69	30.20	cps
Molybdenum	95-1	42	17	17	25	57.73	cps
Molybdenum	96-1	75	50	67	64	19.92	cps
Molybdenum	97-1	17	8	25	17	50.01	cps
Molybdenum	98-1	8	100	42	50	92.80	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	253	210	170	211	19.74	cps
Phosphorus	31-2	175	158	100	144	27.27	cps
Potassium	39-2	31251	31468	30892	31204	0.93	cps
Rhodium	103-1	3518662	3581729	3545950	3548781	0.89	cps
Rhodium	103-2	1642951	1554168	1598885	1598668	2.78	cps
Scandium	45-1	2554709	2539377	2543473	2545853	0.31	cps
Scandium	45-2	107797	99960	102604	103454	3.85	cps
Selenium	82-1	3	-66	-38	-34	-103.68	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	72	75	63	70	8.92	cps
Silicon	28-1	1414704	1424723	1427332	1422253	0.47	cps
Silver	109-1	42	42	33	39	12.38	cps
Silver	107-1	67	58	83	69	18.34	cps
Sodium	23-2	34466	34859	34859	34728	0.65	cps
Strontium	86-1	3150	2942	2909	3000	4.37	cps
Strontium	88-1	292	192	233	239	21.03	cps
Sulfur	34-1	594400	599144	597148	596897	0.40	cps
Terbium	159-1	3828437	3833820	3811254	3824504	0.31	cps
Terbium	159-2	1801298	1670555	1691623	1721159	4.08	cps
Thallium	203-1	58	75	108	81	31.60	cps
Thallium	205-1	192	167	233	197	17.08	cps
Tin	118-1	242	192	258	231	15.05	cps
Titanium	47-1	275	383	283	314	19.21	cps
Uranium	238-1	33	17	8	19	65.47	cps
Vanadium	51-2	7	7	17	10	57.72	cps
Yttrium	89-1	7070637	7064838	7217202	7117559	1.21	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:24:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	854640	792550	819192	822127	3.79	cps
Zinc	66-2	157	170	180	169	6.93	cps
Zirconium	90-1	250	325	233	269	18.12	cps
Zirconium	91-1	117	58	75	83	36.05	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 13:27:54 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856	792	814	821	3.95	cps
Antimony	121-1	5901	5585	5885	5790	3.08	cps
Arsenic	75-2	138	124	135	132	5.57	cps
Barium	135-1	6185	6102	5968	6085	1.80	cps
Barium	137-1	10296	10212	10463	10324	1.23	cps
Beryllium	9-1	916	802	786	835	8.49	cps
Bismuth	209-1	2002724	1965395	1969860	1979326	1.03	cps
Bismuth	209-2	1167269	1165710	1187388	1173455	1.03	cps
Boron	10-1	1286	1564	1548	1466	10.65	cps
Boron	11-1	6632	7112	7811	7185	8.25	cps
Bromine	81-1	3935	3664	3784	3794	3.57	cps
Cadmium	111-1	2110	1908	1771	1930	8.85	cps
Cadmium	106-1	2009	1625	1475	1703	16.15	cps
Cadmium	108-1	83	54	71	69	21.07	cps
Calcium	43-1	3953	3995	4034	3994	1.02	cps
Calcium	44-1	81401	81406	81239	81349	0.12	cps
Chromium	52-2	2257	2360	2397	2338	3.11	cps
Cobalt	59-2	1517	1490	1703	1570	7.40	cps
Copper	63-2	3104	3104	3070	3093	0.62	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	7	23	3	11	96.43	cps
Holmium	165-1	3556596	3514127	3480417	3517047	1.09	cps
Holmium	165-2	1768221	1726447	1792500	1762389	1.90	cps
Indium	115-1	3637284	3512662	3569749	3573232	1.75	cps
Indium	115-2	622572	625181	626137	624630	0.30	cps
Iron	54-2	2400	2550	2322	2424	4.78	cps
Iron	56-2	37734	38095	37388	37739	0.94	cps
Iron	57-2	972	933	1006	970	3.73	cps
Krypton	83-1	1777	2020	1827	1875	6.86	cps
Lead	206-1	1750	1578	1600	1643	5.70	cps
Lead	207-1	1511	1589	1483	1528	3.58	cps
Lead	208-1	6740	6517	6451	6569	2.30	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:27:54	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1321743	1306754	1320912	1316470	0.64	cps
Magnesium	24-2	33013	33055	32512	32860	0.92	cps
Manganese	55-2	507	630	543	560	11.31	cps
Molybdenum	94-1	5751	5451	6051	5751	5.22	cps
Molybdenum	95-1	6777	7010	6977	6921	1.82	cps
Molybdenum	96-1	7502	7577	8078	7719	4.05	cps
Molybdenum	97-1	4776	4484	4334	4531	4.96	cps
Molybdenum	98-1	11555	11805	11805	11722	1.23	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	590	560	597	582	3.35	cps
Phosphorus	31-2	150	175	242	189	25.09	cps
Potassium	39-2	57925	57188	58402	57838	1.06	cps
Rhodium	103-1	3524950	3594121	3570885	3563319	0.99	cps
Rhodium	103-2	1650841	1661051	1674011	1661968	0.70	cps
Scandium	45-1	2503456	2494807	2459342	2485868	0.94	cps
Scandium	45-2	105171	106437	106212	105940	0.64	cps
Selenium	82-1	346	173	224	247	35.91	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	84	76	93	84	10.08	cps
Silicon	28-1	1467411	1458617	1424338	1450122	1.57	cps
Silver	109-1	2959	2825	3075	2953	4.24	cps
Silver	107-1	3159	3242	3442	3281	4.44	cps
Sodium	23-2	97424	97961	97634	97673	0.28	cps
Strontium	86-1	4109	4317	3776	4067	6.72	cps
Strontium	88-1	8703	7986	8211	8300	4.42	cps
Sulfur	34-1	602153	601810	599834	601266	0.21	cps
Terbium	159-1	3804355	3727618	3901770	3811248	2.29	cps
Terbium	159-2	1765102	1759598	1812813	1779171	1.64	cps
Thallium	203-1	1617	1892	1867	1792	8.49	cps
Thallium	205-1	4151	4209	4359	4240	2.54	cps
Tin	118-1	10404	10187	9929	10173	2.34	cps
Titanium	47-1	2484	2559	2500	2514	1.57	cps
Uranium	238-1	4393	4501	4526	4473	1.58	cps
Vanadium	51-2	3807	3904	3634	3782	3.62	cps
Yttrium	89-1	7110997	7086781	7105881	7101220	0.18	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:27:54	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	860220	867359	858233	861937	0.56	cps
Zinc	66-2	493	473	483	483	2.07	cps
Zirconium	90-1	5051	5126	5026	5068	1.03	cps
Zirconium	91-1	1008	1058	1117	1061	5.11	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23252	22727	22906	22962	1.16	cps
Antimony	121-1	149578	152866	154937	152460	1.77	cps
Arsenic	75-2	5982	5972	6100	6018	1.18	cps
Barium	135-1	155056	157129	158505	156897	1.11	cps
Barium	137-1	270167	270024	272565	270919	0.53	cps
Beryllium	9-1	38611	38186	39048	38615	1.12	cps
Bismuth	209-1	2036861	1977598	1910584	1975014	3.20	cps
Bismuth	209-2	1200672	1183855	1195137	1193221	0.72	cps
Boron	10-1	2838	3062	3418	3106	9.42	cps
Boron	11-1	13726	15317	16410	15151	8.91	cps
Bromine	81-1	3554	3284	3654	3497	5.48	cps
Cadmium	111-1	36133	34736	36690	35853	2.81	cps
Cadmium	106-1	5376	5034	5743	5385	6.58	cps
Cadmium	108-1	2621	2534	2646	2600	2.27	cps
Calcium	43-1	39725	39452	39819	39665	0.48	cps
Calcium	44-1	690413	680879	693724	688339	0.97	cps
Chromium	52-2	48141	47789	48187	48039	0.45	cps
Cobalt	59-2	80546	78599	79614	79586	1.22	cps
Copper	63-2	573926	571254	568951	571377	0.44	cps
Dysprosium	156-1	0	8	42	17	132.30	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Gadolinium	160-2	20	7	20	16	49.47	cps
Holmium	165-1	3638237	3571102	3501785	3570374	1.91	cps
Holmium	165-2	1838625	1787164	1803464	1809751	1.45	cps
Indium	115-1	3704016	3627158	3483598	3604924	3.10	cps
Indium	115-2	632098	632276	627551	630642	0.42	cps
Iron	54-2	101469	100360	99695	100508	0.89	cps
Iron	56-2	1842972	1798427	1794106	1811835	1.49	cps
Iron	57-2	45467	44024	44620	44703	1.62	cps
Krypton	83-1	1870	1913	1877	1887	1.24	cps
Lead	206-1	369899	362586	369143	367210	1.10	cps
Lead	207-1	329076	325102	330530	328236	0.86	cps
Lead	208-1	1495406	1465972	1489733	1483703	1.05	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1352736	1299148	1288120	1313335	2.63	cps
Magnesium	24-2	347803	341241	341966	343670	1.05	cps
Manganese	55-2	231796	231265	228717	230593	0.71	cps
Molybdenum	94-1	304328	302435	306322	304361	0.64	cps
Molybdenum	95-1	366671	372254	366977	368634	0.85	cps
Molybdenum	96-1	406394	411323	409657	409125	0.61	cps
Molybdenum	97-1	226433	227465	228975	227625	0.56	cps
Molybdenum	98-1	589316	576798	584955	583689	1.09	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	21787	21456	21536	21593	0.80	cps
Phosphorus	31-2	1708	1834	1492	1678	10.30	cps
Potassium	39-2	174664	173054	170143	172620	1.33	cps
Rhodium	103-1	3616315	3532836	3476510	3541887	1.99	cps
Rhodium	103-2	1685387	1699323	1675255	1686655	0.72	cps
Scandium	45-1	2575894	2502376	2460090	2512787	2.33	cps
Scandium	45-2	108055	108546	107206	107936	0.63	cps
Selenium	82-1	2343	2442	2531	2439	3.87	cps
Selenium	77-2	63	117	103	94	29.39	cps
Selenium	78-2	374	356	325	352	7.05	cps
Silicon	28-1	1551384	1532609	1523725	1535906	0.92	cps
Silver	109-1	166313	164887	165653	165618	0.43	cps
Silver	107-1	175042	173733	174215	174330	0.38	cps
Sodium	23-2	705873	697828	696962	700221	0.70	cps
Strontium	86-1	52833	52014	53578	52809	1.48	cps
Strontium	88-1	431866	430981	425562	429470	0.79	cps
Sulfur	34-1	619663	617438	618359	618487	0.18	cps
Terbium	159-1	3859827	3729935	3717386	3769050	2.09	cps
Terbium	159-2	1799223	1793992	1772827	1788681	0.78	cps
Thallium	203-1	90037	87025	88652	88571	1.70	cps
Thallium	205-1	209980	207857	209254	209030	0.52	cps
Tin	118-1	108931	105807	107881	107540	1.48	cps
Titanium	47-1	111440	109215	109005	109887	1.23	cps
Uranium	238-1	241933	239547	242490	241323	0.65	cps
Vanadium	51-2	39170	38655	38823	38883	0.68	cps
Yttrium	89-1	7262224	7069548	6903851	7078541	2.53	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:31:03	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	875364	871700	861212	869426	0.84	cps
Zinc	66-2	80983	80654	80306	80647	0.42	cps
Zirconium	90-1	260085	256124	260596	258935	0.95	cps
Zirconium	91-1	57310	56674	57929	57304	1.10	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:34:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57814	57130	57461	57469	0.60	cps
Antimony	121-1	383365	388349	385124	385613	0.66	cps
Arsenic	75-2	15179	15217	14915	15104	1.09	cps
Barium	135-1	393604	397994	388698	393432	1.18	cps
Barium	137-1	677751	682184	671839	677258	0.77	cps
Beryllium	9-1	96833	98262	96535	97210	0.95	cps
Bismuth	209-1	2027287	1967457	1982381	1992375	1.56	cps
Bismuth	209-2	1183977	1183813	1182044	1183278	0.09	cps
Boron	10-1	7002	7548	8125	7558	7.43	cps
Boron	11-1	34331	37430	39707	37156	7.26	cps
Bromine	81-1	3494	3424	3574	3497	2.15	cps
Cadmium	111-1	86449	86244	87283	86659	0.64	cps
Cadmium	106-1	10379	10554	10855	10596	2.27	cps
Cadmium	108-1	6568	6247	6201	6339	3.15	cps
Calcium	43-1	97294	99013	98799	98369	0.95	cps
Calcium	44-1	1719455	1719075	1708906	1715812	0.35	cps
Chromium	52-2	118536	116312	117363	117404	0.95	cps
Cobalt	59-2	203950	200404	202174	202176	0.88	cps
Copper	63-2	1443758	1431900	1425424	1433694	0.65	cps
Dysprosium	156-1	17	50	25	31	56.77	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	3603286	3600307	3532693	3578762	1.12	cps
Holmium	165-2	1772706	1760423	1791279	1774803	0.88	cps
Indium	115-1	3581687	3672101	3616107	3623298	1.26	cps
Indium	115-2	630511	627758	628501	628923	0.23	cps
Iron	54-2	252024	253325	252341	252563	0.27	cps
Iron	56-2	4490339	4458703	4487550	4478864	0.39	cps
Iron	57-2	112232	111834	111006	111691	0.56	cps
Krypton	83-1	1947	1760	1783	1830	5.56	cps
Lead	206-1	920085	932369	927230	926561	0.67	cps
Lead	207-1	832837	837454	821114	830468	1.01	cps
Lead	208-1	3777728	3773267	3748235	3766410	0.42	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:34:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1324424	1332331	1328476	1328410	0.30	cps
Magnesium	24-2	859101	852716	843339	851719	0.93	cps
Manganese	55-2	577710	578221	571034	575655	0.70	cps
Molybdenum	94-1	764003	758689	768300	763664	0.63	cps
Molybdenum	95-1	924349	919009	942955	928771	1.35	cps
Molybdenum	96-1	1003081	1036725	1025103	1021637	1.67	cps
Molybdenum	97-1	560563	574683	570670	568639	1.28	cps
Molybdenum	98-1	1441399	1458523	1445090	1448337	0.62	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	53584	54471	53952	54002	0.82	cps
Phosphorus	31-2	3942	3992	4234	4056	3.85	cps
Potassium	39-2	386348	385597	385464	385803	0.12	cps
Rhodium	103-1	3567203	3589262	3599602	3585356	0.46	cps
Rhodium	103-2	1644473	1690379	1669112	1667988	1.38	cps
Scandium	45-1	2566651	2549119	2625902	2580557	1.56	cps
Scandium	45-2	108112	108096	107498	107902	0.32	cps
Selenium	82-1	6484	6376	6277	6379	1.62	cps
Selenium	77-2	253	220	247	240	7.35	cps
Selenium	78-2	809	748	766	774	4.05	cps
Silicon	28-1	1667925	1666285	1687233	1673814	0.70	cps
Silver	109-1	410540	415211	419837	415196	1.12	cps
Silver	107-1	437900	440812	437845	438852	0.39	cps
Sodium	23-2	1674363	1649900	1680225	1668162	0.96	cps
Strontium	86-1	128663	128099	127326	128029	0.52	cps
Strontium	88-1	1064317	1089541	1076767	1076875	1.17	cps
Sulfur	34-1	635315	635546	631032	633964	0.40	cps
Terbium	159-1	3873107	3869524	3820148	3854260	0.77	cps
Terbium	159-2	1768312	1803013	1827891	1799739	1.66	cps
Thallium	203-1	214544	220257	218864	217888	1.37	cps
Thallium	205-1	507653	515416	529063	517377	2.10	cps
Tin	118-1	270257	277973	275763	274664	1.45	cps
Titanium	47-1	274378	277926	283022	278442	1.56	cps
Uranium	238-1	593417	602499	604344	600086	0.97	cps
Vanadium	51-2	98274	98036	97546	97952	0.38	cps
Yttrium	89-1	7203510	7269338	7261850	7244899	0.50	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:34:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	863027	866351	864958	864779	0.19	cps
Zinc	66-2	201120	201339	199781	200746	0.42	cps
Zirconium	90-1	653205	655861	650852	653306	0.38	cps
Zirconium	91-1	143820	143839	146572	144744	1.09	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118254	116445	117792	117497	0.80	cps
Antimony	121-1	778830	803747	803594	795390	1.80	cps
Arsenic	75-2	31248	30901	31112	31087	0.56	cps
Barium	135-1	802394	822585	827874	817618	1.64	cps
Barium	137-1	1374328	1402930	1420328	1399196	1.66	cps
Beryllium	9-1	198154	201486	202024	200555	1.05	cps
Bismuth	209-1	1961630	2062847	2073733	2032737	3.04	cps
Bismuth	209-2	1201691	1215142	1204677	1207170	0.59	cps
Boron	10-1	14466	16102	16710	15759	7.36	cps
Boron	11-1	69567	76866	83014	76482	8.80	cps
Bromine	81-1	3634	3995	3484	3704	7.08	cps
Cadmium	111-1	174883	181653	179335	178624	1.93	cps
Cadmium	106-1	20374	21442	19907	20574	3.83	cps
Cadmium	108-1	13136	13590	13503	13409	1.80	cps
Calcium	43-1	201277	205832	204451	203853	1.15	cps
Calcium	44-1	3487755	3535192	3577885	3533610	1.28	cps
Chromium	52-2	244285	243147	243822	243751	0.23	cps
Cobalt	59-2	414981	416736	415362	415693	0.22	cps
Copper	63-2	2905811	2941582	2928035	2925143	0.62	cps
Dysprosium	156-1	8	33	83	42	91.66	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	23	0	10	11	105.35	cps
Holmium	165-1	3643256	3697411	3679111	3673259	0.75	cps
Holmium	165-2	1812784	1787760	1830160	1810234	1.18	cps
Indium	115-1	3745508	3761221	3666256	3724328	1.37	cps
Indium	115-2	634130	641407	640154	638564	0.61	cps
Iron	54-2	523074	515363	511132	516523	1.17	cps
Iron	56-2	9108939	9098771	9081257	9096323	0.15	cps
Iron	57-2	231212	230967	229371	230517	0.43	cps
Krypton	83-1	1887	1910	1913	1903	0.76	cps
Lead	206-1	1898963	1933523	1978828	1937105	2.07	cps
Lead	207-1	1694111	1699786	1763119	1719005	2.23	cps
Lead	208-1	7683360	7797818	7934267	7805148	1.61	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1380417	1372915	1384013	1379115	0.41	cps
Magnesium	24-2	1769753	1735096	1741660	1748837	1.05	cps
Manganese	55-2	1197557	1182252	1197475	1192428	0.74	cps
Molybdenum	94-1	1573698	1589113	1569022	1577277	0.67	cps
Molybdenum	95-1	1870425	1875843	1898510	1881593	0.79	cps
Molybdenum	96-1	2069533	2089284	2097219	2085345	0.68	cps
Molybdenum	97-1	1147568	1170317	1193178	1170354	1.95	cps
Molybdenum	98-1	2950665	3033304	3052395	3012121	1.80	cps
Neodymium	150-1	40	20	47	36	39.03	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	109920	110629	109642	110064	0.46	cps
Phosphorus	31-2	8103	8203	8077	8127	0.81	cps
Potassium	39-2	765931	757201	765461	762864	0.64	cps
Rhodium	103-1	3639013	3712723	3706116	3685951	1.11	cps
Rhodium	103-2	1697343	1705553	1737647	1713514	1.24	cps
Scandium	45-1	2637580	2673903	2639836	2650440	0.77	cps
Scandium	45-2	110423	110343	111226	110664	0.44	cps
Selenium	82-1	12762	13050	12987	12933	1.17	cps
Selenium	77-2	357	533	383	424	22.44	cps
Selenium	78-2	1547	1524	1599	1557	2.47	cps
Silicon	28-1	1932431	1938824	1939970	1937075	0.21	cps
Silver	109-1	841999	859018	862563	854527	1.29	cps
Silver	107-1	892335	915155	910322	905937	1.33	cps
Sodium	23-2	3437694	3402534	3399962	3413397	0.62	cps
Strontium	86-1	256439	263579	262955	260991	1.52	cps
Strontium	88-1	2153769	2225428	2218655	2199284	1.80	cps
Sulfur	34-1	670812	672000	668358	670390	0.28	cps
Terbium	159-1	3901003	4049540	4030717	3993754	2.03	cps
Terbium	159-2	1831181	1848663	1839485	1839777	0.48	cps
Thallium	203-1	449362	455577	464543	456494	1.67	cps
Thallium	205-1	1047784	1073379	1087243	1069469	1.87	cps
Tin	118-1	557968	568850	570099	565639	1.18	cps
Titanium	47-1	570710	578910	571095	573572	0.81	cps
Uranium	238-1	1229688	1232563	1247340	1236530	0.77	cps
Vanadium	51-2	203952	202474	201386	202604	0.64	cps
Yttrium	89-1	7346876	7476257	7413532	7412221	0.87	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:37:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	880620	884445	886141	883735	0.32	cps
Zinc	66-2	411873	411373	412189	411812	0.10	cps
Zirconium	90-1	1304696	1350285	1342125	1332369	1.82	cps
Zirconium	91-1	291316	298619	301444	297126	1.76	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234540	233327	230605	232824	0.87	cps
Antimony	121-1	1535839	1550059	1540245	1542048	0.47	cps
Arsenic	75-2	61377	61078	61179	61211	0.25	cps
Barium	135-1	1587447	1576689	1625409	1596515	1.60	cps
Barium	137-1	2739190	2738981	2724946	2734372	0.30	cps
Beryllium	9-1	391107	389637	391811	390852	0.28	cps
Bismuth	209-1	1927824	1986068	2023303	1979065	2.43	cps
Bismuth	209-2	1192886	1194909	1196916	1194904	0.17	cps
Boron	10-1	28301	31313	33046	30887	7.77	cps
Boron	11-1	137088	150678	160387	149384	7.83	cps
Bromine	81-1	3424	3614	3374	3471	3.65	cps
Cadmium	111-1	349082	351015	353504	351200	0.63	cps
Cadmium	106-1	38713	38780	38086	38527	0.99	cps
Cadmium	108-1	25578	25904	26004	25828	0.86	cps
Calcium	43-1	399604	404696	405577	403292	0.80	cps
Calcium	44-1	6785931	6896964	6936673	6873189	1.14	cps
Chromium	52-2	484931	481809	480072	482271	0.51	cps
Cobalt	59-2	823691	814671	806927	815096	1.03	cps
Copper	63-2	5711461	5621811	5651906	5661726	0.81	cps
Dysprosium	156-1	75	67	75	72	6.66	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	3578000	3711562	3645029	3644863	1.83	cps
Holmium	165-2	1820373	1774696	1792498	1795856	1.28	cps
Indium	115-1	3571818	3704298	3643018	3639711	1.82	cps
Indium	115-2	629412	628847	635616	631292	0.59	cps
Iron	54-2	1025230	1020646	1010030	1018636	0.77	cps
Iron	56-2	17941577	17946581	18036609	17974922	0.30	cps
Iron	57-2	455185	454279	456387	455284	0.23	cps
Krypton	83-1	1943	2017	1937	1966	2.26	cps
Lead	206-1	3745859	3803734	3825662	3791751	1.09	cps
Lead	207-1	3375155	3415516	3471480	3420717	1.41	cps
Lead	208-1	15028898	15277963	15489493	15265451	1.51	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1367974	1336642	1364157	1356258	1.26	cps
Magnesium	24-2	3426306	3458880	3389840	3425009	1.01	cps
Manganese	55-2	2328733	2355253	2344850	2342945	0.57	cps
Molybdenum	94-1	3032780	3162388	3093939	3096369	2.09	cps
Molybdenum	95-1	3691933	3718652	3748445	3719677	0.76	cps
Molybdenum	96-1	4127382	4114866	4107680	4116643	0.24	cps
Molybdenum	97-1	2327766	2297756	2332661	2319394	0.81	cps
Molybdenum	98-1	5950280	5927069	5994899	5957416	0.58	cps
Neodymium	150-1	127	107	107	113	10.19	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	216026	216621	215062	215903	0.36	cps
Phosphorus	31-2	15383	15734	16927	16015	5.05	cps
Potassium	39-2	1469652	1459609	1441418	1456893	0.98	cps
Rhodium	103-1	3516325	3579460	3608261	3568015	1.32	cps
Rhodium	103-2	1661448	1675314	1700615	1679126	1.18	cps
Scandium	45-1	2576987	2648457	2630897	2618780	1.42	cps
Scandium	45-2	109597	110303	111653	110517	0.95	cps
Selenium	82-1	25613	25576	25581	25590	0.08	cps
Selenium	77-2	847	903	863	871	3.34	cps
Selenium	78-2	2927	3015	2894	2945	2.12	cps
Silicon	28-1	2352747	2392994	2405247	2383663	1.15	cps
Silver	109-1	1660607	1656366	1674628	1663867	0.57	cps
Silver	107-1	1738631	1787194	1734888	1753571	1.66	cps
Sodium	23-2	6663811	6753500	6627672	6681661	0.97	cps
Strontium	86-1	512906	509644	516934	513161	0.71	cps
Strontium	88-1	4227595	4294852	4289265	4270571	0.87	cps
Sulfur	34-1	733385	722670	722218	726091	0.87	cps
Terbium	159-1	3851735	3941894	3941983	3911871	1.33	cps
Terbium	159-2	1821156	1838585	1859531	1839757	1.04	cps
Thallium	203-1	895184	897658	896619	896487	0.14	cps
Thallium	205-1	2073021	2096410	2089036	2086156	0.57	cps
Tin	118-1	1098080	1116422	1118268	1110923	1.00	cps
Titanium	47-1	1124491	1145727	1149951	1140056	1.20	cps
Uranium	238-1	2417048	2416345	2489227	2440873	1.72	cps
Vanadium	51-2	404351	403232	399455	402346	0.64	cps
Yttrium	89-1	7193830	7347266	7311144	7284080	1.10	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:40:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	876397	876837	884429	879221	0.51	cps
Zinc	66-2	807087	807792	798244	804374	0.66	cps
Zirconium	90-1	2655176	2638675	2683053	2658968	0.84	cps
Zirconium	91-1	587075	600595	590392	592688	1.19	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 13:43:17 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	465679	468510	472559	468916	0.74	cps
Antimony	121-1	3045958	3117281	3142207	3101815	1.61	cps
Arsenic	75-2	124550	123027	124926	124168	0.81	cps
Barium	135-1	3196683	3214050	3233824	3214852	0.58	cps
Barium	137-1	5358107	5441617	5525739	5441821	1.54	cps
Beryllium	9-1	784895	788311	794687	789297	0.63	cps
Bismuth	209-1	2021632	2021204	2050431	2031089	0.82	cps
Bismuth	209-2	1269666	1228909	1180572	1226382	3.64	cps
Boron	10-1	58849	64018	69139	64002	8.04	cps
Boron	11-1	285093	310206	330891	308730	7.43	cps
Bromine	81-1	4085	3354	3945	3794	10.22	cps
Cadmium	111-1	697126	704772	708836	703578	0.85	cps
Cadmium	106-1	76018	76412	76354	76261	0.28	cps
Cadmium	108-1	50944	51780	52750	51825	1.74	cps
Calcium	43-1	806410	819175	825777	817121	1.20	cps
Calcium	44-1	13701391	13951202	13977693	13876762	1.10	cps
Chromium	52-2	964735	971112	979188	971678	0.75	cps
Cobalt	59-2	1632027	1640607	1669630	1647422	1.20	cps
Copper	63-2	11437926	11164622	11454456	11352335	1.43	cps
Dysprosium	156-1	58	75	83	72	17.62	cps
Dysprosium	156-2	43	23	47	38	33.41	cps
Erbium	164-1	25	33	58	39	44.61	cps
Erbium	164-2	27	7	13	16	65.47	cps
Gadolinium	160-1	42	83	92	72	37.09	cps
Gadolinium	160-2	30	30	40	33	17.32	cps
Holmium	165-1	3686470	3727060	3714878	3709469	0.56	cps
Holmium	165-2	1931370	1872387	1801654	1868470	3.48	cps
Indium	115-1	3669726	3699753	3736486	3701989	0.90	cps
Indium	115-2	666643	652728	618366	645912	3.85	cps
Iron	54-2	2114692	2089258	2102611	2102187	0.61	cps
Iron	56-2	36263652	36159773	36745702	36389709	0.86	cps
Iron	57-2	907083	906866	928883	914278	1.38	cps
Krypton	83-1	1810	1820	1890	1840	2.37	cps
Lead	206-1	7427970	7475253	7656159	7519794	1.60	cps
Lead	207-1	6671091	6784950	6765677	6740573	0.90	cps
Lead	208-1	30298341	30194899	30622297	30371846	0.73	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:43:17	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1388143	1385091	1407565	1393600	0.87	cps
Magnesium	24-2	6833243	6769951	6880805	6828000	0.81	cps
Manganese	55-2	4681339	4697393	4773354	4717362	1.04	cps
Molybdenum	94-1	6085277	6310420	6279903	6225200	1.96	cps
Molybdenum	95-1	7471686	7487984	7526780	7495483	0.38	cps
Molybdenum	96-1	8257278	8280901	8413329	8317169	1.01	cps
Molybdenum	97-1	4611191	4716114	4750232	4692512	1.54	cps
Molybdenum	98-1	11887602	11980510	11982201	11950104	0.45	cps
Neodymium	150-1	160	167	133	153	11.50	cps
Neodymium	150-2	23	23	0	16	86.60	cps
Nickel	60-2	432619	430394	436569	433194	0.72	cps
Phosphorus	31-2	31994	32328	33097	32473	1.74	cps
Potassium	39-2	2918086	2913886	2942048	2924674	0.52	cps
Rhodium	103-1	3651354	3689908	3685553	3675605	0.57	cps
Rhodium	103-2	1793983	1741089	1653883	1729652	4.09	cps
Scandium	45-1	2710088	2702311	2766129	2726176	1.28	cps
Scandium	45-2	116324	114069	108519	112970	3.56	cps
Selenium	82-1	50858	51748	52177	51594	1.30	cps
Selenium	77-2	1677	1790	1877	1781	5.63	cps
Selenium	78-2	5813	5767	5968	5849	1.80	cps
Silicon	28-1	3265811	3376186	3440722	3360906	2.63	cps
Silver	109-1	3410978	3342852	3367250	3373693	1.02	cps
Silver	107-1	3481045	3481984	3607150	3523393	2.06	cps
Sodium	23-2	13471533	13479730	13445984	13465749	0.13	cps
Strontium	86-1	1033861	1042769	1049161	1041930	0.74	cps
Strontium	88-1	8700181	8810415	8733380	8747992	0.65	cps
Sulfur	34-1	879252	877598	889844	882231	0.75	cps
Terbium	159-1	4059612	4079932	4122374	4087306	0.78	cps
Terbium	159-2	1961761	1932303	1827163	1907076	3.71	cps
Thallium	203-1	1772851	1767516	1796863	1779077	0.88	cps
Thallium	205-1	4159946	4116785	4255886	4177539	1.70	cps
Tin	118-1	2171226	2227366	2250722	2216438	1.84	cps
Titanium	47-1	2270646	2292477	2319018	2294047	1.06	cps
Uranium	238-1	4897149	4852812	4899074	4883012	0.54	cps
Vanadium	51-2	812965	818081	821710	817586	0.54	cps
Yttrium	89-1	7582332	7529368	7603690	7571796	0.51	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:43:17	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	940551	918251	871680	910161	3.86	cps
Zinc	66-2	1610645	1605631	1612463	1609580	0.22	cps
Zirconium	90-1	5235818	5287267	5334803	5285962	0.94	cps
Zirconium	91-1	1186745	1210397	1205384	1200842	1.04	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2114460	2108267	2093504	2105410	0.51	cps
Antimony	121-1	2309	2100	2317	2242	5.48	cps
Arsenic	75-2	50	55	50	52	5.59	cps
Barium	135-1	1025	875	775	892	14.11	cps
Barium	137-1	2059	1508	1275	1614	24.92	cps
Beryllium	9-1	596	550	464	537	12.49	cps
Bismuth	209-1	1924292	1927480	1861227	1904333	1.96	cps
Bismuth	209-2	1157156	1142169	1160148	1153158	0.84	cps
Boron	10-1	9877	9159	8419	9152	7.97	cps
Boron	11-1	48177	43926	40128	44077	9.13	cps
Bromine	81-1	4065	3744	4005	3938	4.33	cps
Cadmium	111-1	1423	1496	1319	1413	6.30	cps
Cadmium	106-1	1725	1817	1575	1706	7.15	cps
Cadmium	108-1	50	54	42	49	13.09	cps
Calcium	43-1	3770201	3755696	3767398	3764432	0.20	cps
Calcium	44-1	64118304	64133733	64648687	64300241	0.47	cps
Chromium	52-2	3654	3781	3744	3726	1.75	cps
Cobalt	59-2	2064	2087	2190	2114	3.19	cps
Copper	63-2	6005	5641	5484	5710	4.67	cps
Dysprosium	156-1	775	717	558	683	16.41	cps
Dysprosium	156-2	333	303	377	338	10.92	cps
Erbium	164-1	75	92	100	89	14.32	cps
Erbium	164-2	40	33	50	41	20.41	cps
Gadolinium	160-1	600	775	658	678	13.15	cps
Gadolinium	160-2	353	417	387	386	8.22	cps
Holmium	165-1	3596583	3661857	3523436	3593959	1.93	cps
Holmium	165-2	1831488	1842315	1819065	1830956	0.64	cps
Indium	115-1	3637682	3554296	3557855	3583278	1.32	cps
Indium	115-2	621091	618985	616330	618802	0.39	cps
Iron	54-2	9041048	9057087	9064797	9054311	0.13	cps
Iron	56-2	162435176	164367798	162074109	162959028	0.76	cps
Iron	57-2	4092760	4128303	4096341	4105801	0.48	cps
Krypton	83-1	1877	1867	1873	1872	0.27	cps
Lead	206-1	7941	7480	7324	7582	4.23	cps
Lead	207-1	7008	6563	6791	6787	3.28	cps
Lead	208-1	32105	30109	29942	30719	3.92	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1335264	1328072	1337989	1333775	0.38	cps
Magnesium	24-2	31282226	31026325	30709417	31005989	0.93	cps
Manganese	55-2	2354	2174	2337	2288	4.35	cps
Molybdenum	94-1	2109	1800	1592	1834	14.18	cps
Molybdenum	95-1	2467	1834	2000	2100	15.63	cps
Molybdenum	96-1	3250	2800	2617	2889	11.28	cps
Molybdenum	97-1	1517	1217	1142	1292	15.36	cps
Molybdenum	98-1	3709	3109	2792	3203	14.54	cps
Neodymium	150-1	13	53	27	31	65.47	cps
Neodymium	150-2	17	0	7	8	107.84	cps
Nickel	60-2	1247	1150	1330	1242	7.25	cps
Phosphorus	31-2	142	167	275	194	36.45	cps
Potassium	39-2	13022658	13131092	12909800	13021184	0.85	cps
Rhodium	103-1	3508019	3389333	3410349	3435900	1.84	cps
Rhodium	103-2	1634037	1618388	1644024	1632150	0.79	cps
Scandium	45-1	2597466	2585829	2560645	2581313	0.73	cps
Scandium	45-2	106171	107508	107186	106955	0.65	cps
Selenium	82-1	43	127	-25	48	157.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	63	47	56	55	14.50	cps
Silicon	28-1	1572550	1574803	1601443	1582932	1.02	cps
Silver	109-1	1417	1375	1025	1272	16.91	cps
Silver	107-1	1483	1233	1208	1308	11.62	cps
Sodium	23-2	60950078	60327841	60282166	60520028	0.62	cps
Strontium	86-1	8278	7961	8586	8275	3.78	cps
Strontium	88-1	46219	45291	45065	45525	1.34	cps
Sulfur	34-1	574459	577736	579426	577207	0.44	cps
Terbium	159-1	3928454	3933178	3870718	3910783	0.89	cps
Terbium	159-2	1837708	1798566	1828719	1821664	1.13	cps
Thallium	203-1	1408	1108	1058	1192	15.89	cps
Thallium	205-1	3751	3434	2917	3367	12.50	cps
Tin	118-1	1317	1275	1192	1261	5.05	cps
Titanium	47-1	1067	633	592	764	34.43	cps
Uranium	238-1	975	675	567	739	28.63	cps
Vanadium	51-2	83	93	63	80	19.09	cps
Yttrium	89-1	7334630	7229188	7230747	7264855	0.83	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 13:46:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	878100	871530	871263	873631	0.44	cps
Zinc	66-2	1313	1387	1300	1333	3.50	cps
Zirconium	90-1	2250	1834	1859	1981	11.80	cps
Zirconium	91-1	558	467	267	431	34.64	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:17:27 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11272	11133	11228	11211	0.63	cps
Antimony	121-1	556471	575911	570795	567726	1.77	cps
Arsenic	75-2	23103	23110	23288	23167	0.45	cps
Barium	135-1	59565	61967	60168	60567	2.06	cps
Barium	137-1	101975	103940	105779	103898	1.83	cps
Beryllium	9-1	70499	71837	72564	71634	1.46	cps
Bismuth	209-1	1994824	1944132	1976634	1971863	1.30	cps
Bismuth	209-2	1173068	1164754	1177269	1171697	0.54	cps
Boron	10-1	40991	42332	43616	42313	3.10	cps
Boron	11-1	199609	204566	209498	204557	2.42	cps
Bromine	81-1	3444	3674	3935	3684	6.66	cps
Cadmium	111-1	67292	68925	68987	68401	1.41	cps
Cadmium	106-1	11955	12631	12748	12445	3.44	cps
Cadmium	108-1	6718	6752	7169	6880	3.65	cps
Calcium	43-1	15607	16009	16047	15888	1.54	cps
Calcium	44-1	273483	277960	276870	276104	0.85	cps
Chromium	52-2	91486	89833	91004	90774	0.94	cps
Cobalt	59-2	154451	154700	157268	155473	1.00	cps
Copper	63-2	114477	112014	113513	113334	1.10	cps
Dysprosium	156-1	0	25	33	19	89.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	3539272	3519127	3591583	3549994	1.05	cps
Holmium	165-2	1739602	1716651	1776915	1744389	1.74	cps
Indium	115-1	3586703	3669179	3612914	3622932	1.16	cps
Indium	115-2	609549	608740	621838	613376	1.20	cps
Iron	54-2	78565	77442	77889	77965	0.73	cps
Iron	56-2	1350305	1352956	1341385	1348215	0.45	cps
Iron	57-2	34292	34932	33740	34321	1.74	cps
Krypton	83-1	1800	1873	1633	1769	6.95	cps
Lead	206-1	282461	292054	292707	289074	1.98	cps
Lead	207-1	237082	240575	246150	241269	1.90	cps
Lead	208-1	1108654	1123379	1140892	1124308	1.44	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1333886	1350295	1287936	1324039	2.44	cps
Magnesium	24-2	74306	74767	76040	75038	1.20	cps
Manganese	55-2	45455	44904	46007	45455	1.21	cps
Molybdenum	94-1	2940344	3004666	3022423	2989145	1.44	cps
Molybdenum	95-1	3667397	3690977	3693718	3684031	0.39	cps
Molybdenum	96-1	3981062	4052381	4045307	4026250	0.98	cps
Molybdenum	97-1	2256464	2296665	2317752	2290294	1.36	cps
Molybdenum	98-1	5736101	5873677	5895632	5835137	1.48	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	41818	41086	41765	41556	0.98	cps
Phosphorus	31-2	183	183	175	181	2.67	cps
Potassium	39-2	133572	133975	137392	134980	1.55	cps
Rhodium	103-1	3574953	3561923	3614179	3583685	0.76	cps
Rhodium	103-2	1671177	1611929	1693138	1658748	2.53	cps
Scandium	45-1	2546891	2564049	2526343	2545761	0.74	cps
Scandium	45-2	106907	106376	108176	107153	0.86	cps
Selenium	82-1	9432	9665	9811	9636	1.98	cps
Selenium	77-2	300	293	290	294	1.73	cps
Selenium	78-2	1139	1127	1175	1147	2.18	cps
Silicon	28-1	2230366	2236255	2251710	2239444	0.49	cps
Silver	109-1	146710	154984	154172	151955	3.00	cps
Silver	107-1	158884	163437	162668	161663	1.51	cps
Sodium	23-2	280167	282333	282105	281535	0.42	cps
Strontium	86-1	461254	477173	477176	471868	1.95	cps
Strontium	88-1	3872629	3953432	4039027	3955029	2.10	cps
Sulfur	34-1	580007	570845	582650	577834	1.07	cps
Terbium	159-1	3879007	3773767	3863588	3838788	1.48	cps
Terbium	159-2	1765328	1756937	1772591	1764952	0.44	cps
Thallium	203-1	333032	342374	347904	341104	2.20	cps
Thallium	205-1	796444	805932	816870	806415	1.27	cps
Tin	118-1	1001123	1032070	1038878	1024023	1.97	cps
Titanium	47-1	1062530	1080288	1080899	1074572	0.97	cps
Uranium	238-1	2176622	2278649	2264984	2240085	2.47	cps
Vanadium	51-2	73682	73933	74435	74017	0.52	cps
Yttrium	89-1	7174843	7140184	7238121	7184383	0.69	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	846792	842033	860557	849794	1.13	cps
Zinc	66-2	29778	29805	30366	29983	1.11	cps
Zirconium	90-1	2426804	2435629	2477885	2446773	1.12	cps
Zirconium	91-1	533968	551834	554208	546670	2.02	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	827	824	791	814	2.45	cps
Antimony	121-1	5726	5593	5376	5565	3.18	cps
Arsenic	75-2	125	123	102	117	10.92	cps
Barium	135-1	5885	5760	5376	5674	4.67	cps
Barium	137-1	9929	10046	10521	10165	3.09	cps
Beryllium	9-1	808	878	848	845	4.16	cps
Bismuth	209-1	1934765	1961108	1740430	1878768	6.42	cps
Bismuth	209-2	1140279	1150096	1146594	1145656	0.43	cps
Boron	10-1	1932	2022	2354	2102	10.57	cps
Boron	11-1	8861	9725	10174	9587	6.96	cps
Bromine	81-1	3494	3824	3684	3668	4.52	cps
Cadmium	111-1	1875	1546	1750	1723	9.63	cps
Cadmium	106-1	1742	1325	1517	1528	13.65	cps
Cadmium	108-1	46	75	71	64	24.69	cps
Calcium	43-1	3665	3658	3816	3713	2.41	cps
Calcium	44-1	76671	77724	77968	77454	0.89	cps
Chromium	52-2	2214	2350	2307	2290	3.05	cps
Cobalt	59-2	1480	1567	1663	1570	5.84	cps
Copper	63-2	3087	3120	3157	3121	1.12	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3559114	3585713	3153800	3432876	7.05	cps
Holmium	165-2	1713796	1725512	1706386	1715231	0.56	cps
Indium	115-1	3613605	3516410	3234369	3454794	5.70	cps
Indium	115-2	601592	605518	603161	603424	0.33	cps
Iron	54-2	2239	2411	2522	2391	5.97	cps
Iron	56-2	36787	37037	36731	36851	0.44	cps
Iron	57-2	1000	1100	1022	1041	5.05	cps
Krypton	83-1	1833	1930	1817	1860	3.29	cps
Lead	206-1	1645	1672	1750	1689	3.24	cps
Lead	207-1	1272	1383	1578	1411	10.96	cps
Lead	208-1	6723	6706	6779	6736	0.56	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1321817	1319167	1196038	1279007	5.62	cps
Magnesium	24-2	32036	32069	31619	31908	0.79	cps
Manganese	55-2	557	497	550	534	6.15	cps
Molybdenum	94-1	5593	5726	5710	5676	1.28	cps
Molybdenum	95-1	6527	6827	7227	6860	5.12	cps
Molybdenum	96-1	7686	7744	7402	7611	2.40	cps
Molybdenum	97-1	4059	4201	4142	4134	1.72	cps
Molybdenum	98-1	10079	11080	10371	10510	4.90	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	637	593	533	588	8.83	cps
Phosphorus	31-2	133	167	233	178	28.64	cps
Potassium	39-2	54997	55516	57456	55990	2.32	cps
Rhodium	103-1	3532752	3523319	3188125	3414732	5.75	cps
Rhodium	103-2	1647639	1658800	1619481	1641973	1.23	cps
Scandium	45-1	2468337	2502584	2237392	2402771	6.00	cps
Scandium	45-2	102569	103052	104274	103299	0.85	cps
Selenium	82-1	161	249	377	262	41.54	cps
Selenium	77-2	0	20	3	8	137.80	cps
Selenium	78-2	79	94	79	84	10.31	cps
Silicon	28-1	1419210	1419664	1471967	1436947	2.11	cps
Silver	109-1	2967	3159	2917	3014	4.23	cps
Silver	107-1	3125	3342	2984	3150	5.73	cps
Sodium	23-2	95210	96745	97165	96374	1.07	cps
Strontium	86-1	3751	3701	4034	3828	4.70	cps
Strontium	88-1	7652	7852	7994	7833	2.19	cps
Sulfur	34-1	586875	586503	580955	584777	0.57	cps
Terbium	159-1	3721985	3739685	3398423	3620031	5.31	cps
Terbium	159-2	1699036	1721536	1734156	1718243	1.04	cps
Thallium	203-1	1667	1650	1458	1592	7.27	cps
Thallium	205-1	4142	3934	4159	4079	3.07	cps
Tin	118-1	10596	10287	10212	10365	1.96	cps
Titanium	47-1	2342	2467	2259	2356	4.45	cps
Uranium	238-1	4084	4276	4142	4167	2.36	cps
Vanadium	51-2	3721	3714	3737	3724	0.32	cps
Yttrium	89-1	6957156	6960095	6276238	6731163	5.85	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:27:28	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	824965	830749	832586	829433	0.48	cps
Zinc	66-2	480	450	480	470	3.69	cps
Zirconium	90-1	4643	4793	4609	4681	2.09	cps
Zirconium	91-1	1242	1158	1117	1172	5.43	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:30:19 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	386	367	420	391	6.80	cps
Antimony	121-1	42	83	58	61	34.32	cps
Arsenic	75-2	6	4	11	7	51.51	cps
Barium	135-1	25	50	33	36	35.25	cps
Barium	137-1	92	67	42	67	37.50	cps
Beryllium	9-1	116	148	134	133	12.09	cps
Bismuth	209-1	2032588	2041613	1968408	2014203	1.98	cps
Bismuth	209-2	1135250	1168136	1158835	1154073	1.47	cps
Boron	10-1	902	948	960	937	3.27	cps
Boron	11-1	4610	4414	4436	4486	2.39	cps
Bromine	81-1	3634	3444	3314	3464	4.65	cps
Cadmium	111-1	1115	1017	1088	1073	4.71	cps
Cadmium	106-1	1583	1433	1558	1525	5.27	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	232	241	251	242	3.88	cps
Calcium	44-1	16462	16190	15834	16162	1.95	cps
Chromium	52-2	600	507	547	551	8.50	cps
Cobalt	59-2	90	57	67	71	24.05	cps
Copper	63-2	720	823	750	764	6.95	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	42	25	67	44	47.19	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	3652938	3563618	3469866	3562141	2.57	cps
Holmium	165-2	1661729	1751174	1740876	1717926	2.85	cps
Indium	115-1	3645132	3614594	3586446	3615391	0.81	cps
Indium	115-2	596996	612653	605721	605123	1.30	cps
Iron	54-2	394	456	400	417	8.11	cps
Iron	56-2	3317	3456	3212	3328	3.68	cps
Iron	57-2	111	150	72	111	35.00	cps
Krypton	83-1	1687	1887	1810	1795	5.62	cps
Lead	206-1	272	356	417	348	20.83	cps
Lead	207-1	361	328	233	307	21.56	cps
Lead	208-1	1533	1478	1478	1496	2.14	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:30:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1362835	1382541	1325533	1356970	2.13	cps
Magnesium	24-2	1000	883	958	947	6.24	cps
Manganese	55-2	140	167	120	142	16.46	cps
Molybdenum	94-1	108	175	158	147	23.57	cps
Molybdenum	95-1	67	67	50	61	15.75	cps
Molybdenum	96-1	58	108	50	72	43.69	cps
Molybdenum	97-1	25	50	25	33	43.30	cps
Molybdenum	98-1	42	58	92	64	39.85	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	183	140	170	15.32	cps
Phosphorus	31-2	125	225	208	186	28.79	cps
Potassium	39-2	30792	31485	30566	30948	1.55	cps
Rhodium	103-1	3629345	3654750	3523723	3602606	1.93	cps
Rhodium	103-2	1602017	1642785	1637969	1627591	1.37	cps
Scandium	45-1	2578122	2567758	2533759	2559879	0.91	cps
Scandium	45-2	101592	105852	105275	104240	2.22	cps
Selenium	82-1	101	-32	2	24	292.47	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	60	54	47	54	12.13	cps
Silicon	28-1	1428291	1435336	1427115	1430247	0.31	cps
Silver	109-1	50	58	92	67	33.08	cps
Silver	107-1	67	67	58	64	7.54	cps
Sodium	23-2	35293	34124	35001	34806	1.75	cps
Strontium	86-1	2842	3117	2809	2923	5.79	cps
Strontium	88-1	183	217	167	189	13.48	cps
Sulfur	34-1	593783	592787	582216	589595	1.09	cps
Terbium	159-1	3886618	3828384	3857457	3857486	0.75	cps
Terbium	159-2	1707006	1757779	1733076	1732620	1.47	cps
Thallium	203-1	142	67	67	92	47.24	cps
Thallium	205-1	192	275	233	233	17.86	cps
Tin	118-1	233	217	192	214	9.81	cps
Titanium	47-1	342	300	375	339	11.09	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	17	0	17	11	86.60	cps
Yttrium	89-1	7221961	7329887	7086635	7212827	1.69	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:30:19	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	820540	843437	837215	833731	1.42	cps
Zinc	66-2	183	147	147	159	13.32	cps
Zirconium	90-1	258	325	183	256	27.73	cps
Zirconium	91-1	100	58	58	72	33.31	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:33:12 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2099604	2095132	2111911	2102216	0.41	cps
Antimony	121-1	2900	3250	3426	3192	8.38	cps
Arsenic	75-2	35	44	54	44	21.45	cps
Barium	135-1	950	1017	1008	992	3.66	cps
Barium	137-1	1350	1475	1525	1450	6.22	cps
Beryllium	9-1	338	366	342	349	4.34	cps
Bismuth	209-1	1906787	1965745	1949809	1940780	1.57	cps
Bismuth	209-2	1208593	1148096	1116300	1157663	4.05	cps
Boron	10-1	824	938	900	887	6.54	cps
Boron	11-1	4180	4090	4110	4126	1.15	cps
Bromine	81-1	4355	4866	4826	4682	6.06	cps
Cadmium	111-1	1656	1251	1268	1391	16.45	cps
Cadmium	106-1	1934	1425	1475	1611	17.39	cps
Cadmium	108-1	479	442	521	481	8.24	cps
Calcium	43-1	728093	751557	752829	744160	1.87	cps
Calcium	44-1	12646335	12808395	13115031	12856587	1.85	cps
Chromium	52-2	18442	18519	18619	18527	0.48	cps
Cobalt	59-2	1973	1887	1750	1870	6.02	cps
Copper	63-2	10487	10220	10384	10364	1.30	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	58	58	33	50	28.87	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	17	0	17	11	86.60	cps
Holmium	165-1	3546719	3588816	3561490	3565675	0.60	cps
Holmium	165-2	1837489	1793620	1739547	1790218	2.74	cps
Indium	115-1	3487363	3607230	3663887	3586160	2.51	cps
Indium	115-2	647662	624944	597492	623366	4.03	cps
Iron	54-2	3825564	3766782	3830095	3807480	0.93	cps
Iron	56-2	67589149	68333317	67560668	67827711	0.65	cps
Iron	57-2	1729596	1735789	1747461	1737615	0.52	cps
Krypton	83-1	1720	1850	1940	1837	6.02	cps
Lead	206-1	6246	6819	7135	6733	6.69	cps
Lead	207-1	5151	5579	5562	5431	4.46	cps
Lead	208-1	24193	26105	26339	25545	4.61	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:33:12	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1318852	1363357	1371919	1351376	2.11	cps
Magnesium	24-2	6120295	6188168	6154414	6154292	0.55	cps
Manganese	55-2	3347	3487	3374	3403	2.19	cps
Molybdenum	94-1	1548673	1608315	1636336	1597775	2.80	cps
Molybdenum	95-1	2705643	2753966	2803897	2754502	1.78	cps
Molybdenum	96-1	2899104	2950849	2934347	2928100	0.90	cps
Molybdenum	97-1	1684105	1754120	1704739	1714321	2.10	cps
Molybdenum	98-1	4294699	4375632	4442851	4371061	1.70	cps
Neodymium	150-1	33	7	27	22	62.43	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2287	2490	2330	2369	4.52	cps
Phosphorus	31-2	145213	145769	147773	146252	0.92	cps
Potassium	39-2	5221342	5220177	5254097	5231872	0.37	cps
Rhodium	103-1	3493374	3522479	3512424	3509426	0.42	cps
Rhodium	103-2	1727767	1639052	1597952	1654924	4.01	cps
Scandium	45-1	2573182	2527117	2631949	2577416	2.04	cps
Scandium	45-2	111440	107869	104594	107968	3.17	cps
Selenium	82-1	61	31	8	34	79.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	49	61	72	61	18.96	cps
Silicon	28-1	1528973	1522431	1529368	1526924	0.26	cps
Silver	109-1	100	142	167	136	24.74	cps
Silver	107-1	100	100	108	103	4.68	cps
Sodium	23-2	12547304	12520907	12577771	12548661	0.23	cps
Strontium	86-1	34953	35621	36799	35791	2.61	cps
Strontium	88-1	277070	279786	285289	280715	1.49	cps
Sulfur	34-1	1544091	1586386	1567007	1565828	1.35	cps
Terbium	159-1	3842341	3883499	3808918	3844919	0.97	cps
Terbium	159-2	1845848	1817109	1695406	1786121	4.47	cps
Thallium	203-1	125	258	158	181	38.43	cps
Thallium	205-1	492	417	425	444	9.25	cps
Tin	118-1	767	867	733	789	8.80	cps
Titanium	47-1	836183	865943	879407	860511	2.57	cps
Uranium	238-1	208	208	233	217	6.66	cps
Vanadium	51-2	100	87	100	96	8.05	cps
Yttrium	89-1	7159219	7106271	7197013	7154168	0.64	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:33:12	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	899177	872254	827166	866199	4.20	cps
Zinc	66-2	1857	1940	1987	1928	3.42	cps
Zirconium	90-1	325	350	350	342	4.22	cps
Zirconium	91-1	58	67	125	83	43.59	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2121935	2138447	2116623	2125668	0.54	cps
Antimony	121-1	61363	63757	63916	63012	2.27	cps
Arsenic	75-2	2400	2374	2357	2377	0.91	cps
Barium	135-1	13207	13299	12781	13096	2.11	cps
Barium	137-1	22202	23821	22628	22884	3.67	cps
Beryllium	9-1	14658	15839	15533	15344	3.99	cps
Bismuth	209-1	1903499	2035925	2003337	1980920	3.48	cps
Bismuth	209-2	1303376	1160795	1140295	1201489	7.39	cps
Boron	10-1	4952	5208	5242	5134	3.09	cps
Boron	11-1	23474	25100	25361	24645	4.15	cps
Bromine	81-1	4515	4836	4916	4756	4.46	cps
Cadmium	111-1	13663	14631	14493	14262	3.67	cps
Cadmium	106-1	3167	3526	3359	3350	5.35	cps
Cadmium	108-1	1550	1563	1825	1646	9.44	cps
Calcium	43-1	728279	768511	769082	755290	3.10	cps
Calcium	44-1	12491383	12980251	12907139	12792924	2.06	cps
Chromium	52-2	36804	37068	36222	36698	1.18	cps
Cobalt	59-2	32333	33038	32784	32719	1.09	cps
Copper	63-2	33226	33713	33296	33412	0.79	cps
Dysprosium	156-1	58	58	25	47	40.75	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	40	30	13	28	48.51	cps
Gadolinium	160-1	58	50	8	39	68.89	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	3551702	3656023	3679749	3629158	1.88	cps
Holmium	165-2	2044742	1779588	1754504	1859612	8.65	cps
Indium	115-1	3572992	3747212	3716681	3678962	2.53	cps
Indium	115-2	709883	633044	621505	654811	7.34	cps
Iron	54-2	3849933	3922927	3823498	3865452	1.33	cps
Iron	56-2	68566924	69175006	67677218	68473049	1.10	cps
Iron	57-2	1747434	1765738	1751090	1754754	0.55	cps
Krypton	83-1	1883	1903	1740	1842	4.84	cps
Lead	206-1	33750	36423	35382	35185	3.83	cps
Lead	207-1	27875	28504	29033	28470	2.04	cps
Lead	208-1	129300	136564	136978	134281	3.22	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1359300	1425995	1415953	1400416	2.57	cps
Magnesium	24-2	6223868	6200683	6175151	6199901	0.39	cps
Manganese	55-2	12332	12172	12182	12229	0.73	cps
Molybdenum	94-1	1728450	1786223	1788032	1767569	1.92	cps
Molybdenum	95-1	2787917	2889868	2949694	2875827	2.84	cps
Molybdenum	96-1	2996064	3148530	3092416	3079003	2.50	cps
Molybdenum	97-1	1712347	1841077	1822293	1791906	3.88	cps
Molybdenum	98-1	4357298	4620507	4588910	4522238	3.18	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	10584	10888	10474	10649	2.01	cps
Phosphorus	31-2	143756	148673	145037	145822	1.75	cps
Potassium	39-2	5358795	5308989	5235641	5301142	1.17	cps
Rhodium	103-1	3478158	3540318	3619207	3545894	1.99	cps
Rhodium	103-2	1885168	1687335	1660302	1744268	7.04	cps
Scandium	45-1	2570151	2617849	2571590	2586530	1.05	cps
Scandium	45-2	124452	110003	108052	114169	7.85	cps
Selenium	82-1	886	857	1184	976	18.52	cps
Selenium	77-2	23	23	27	24	7.89	cps
Selenium	78-2	197	193	178	189	5.29	cps
Silicon	28-1	1649506	1656374	1660919	1655600	0.35	cps
Silver	109-1	59102	62677	63338	61706	3.69	cps
Silver	107-1	63321	66393	67055	65590	3.04	cps
Sodium	23-2	12789501	12831963	12635790	12752418	0.81	cps
Strontium	86-1	85922	93092	92153	90389	4.31	cps
Strontium	88-1	721563	760831	759539	747311	2.99	cps
Sulfur	34-1	1535216	1554662	1571270	1553716	1.16	cps
Terbium	159-1	3840095	4007170	4071697	3972987	3.01	cps
Terbium	159-2	2029093	1807025	1791192	1875770	7.09	cps
Thallium	203-1	31873	34538	33937	33449	4.18	cps
Thallium	205-1	76627	82084	82152	80288	3.95	cps
Tin	118-1	111233	117047	116839	115039	2.87	cps
Titanium	47-1	856685	907844	901656	888729	3.14	cps
Uranium	238-1	241362	255059	259605	252009	3.77	cps
Vanadium	51-2	15202	15635	15288	15375	1.49	cps
Yttrium	89-1	7309227	7468006	7562712	7446649	1.72	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:36:00	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	989224	881457	856130	908937	7.78	cps
Zinc	66-2	5108	5108	5034	5083	0.83	cps
Zirconium	90-1	266361	281433	282589	276794	3.27	cps
Zirconium	91-1	59293	64056	63370	62240	4.14	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114511	1112604	1112909	1113341	0.09	cps
Antimony	121-1	1482532	1511474	1518785	1504264	1.27	cps
Arsenic	75-2	60579	60139	60284	60334	0.37	cps
Barium	135-1	1537595	1551884	1597846	1562442	2.01	cps
Barium	137-1	2625079	2673014	2693560	2663884	1.32	cps
Beryllium	9-1	383137	388721	395046	388968	1.53	cps
Bismuth	209-1	1976505	1943303	1965743	1961850	0.86	cps
Bismuth	209-2	1161052	1169770	1166798	1165873	0.38	cps
Boron	10-1	30381	32724	35969	33025	8.50	cps
Boron	11-1	145617	161436	173130	160061	8.63	cps
Bromine	81-1	3925	3774	3524	3741	5.41	cps
Cadmium	111-1	329857	334430	342008	335432	1.83	cps
Cadmium	106-1	36516	37878	38688	37694	2.91	cps
Cadmium	108-1	24960	25353	25465	25259	1.05	cps
Calcium	43-1	1865015	1947884	1945982	1919627	2.46	cps
Calcium	44-1	32260268	32607430	33592429	32820042	2.11	cps
Chromium	52-2	474746	473444	476950	475047	0.37	cps
Cobalt	59-2	797702	793883	789269	793618	0.53	cps
Copper	63-2	5577672	5426684	5490921	5498426	1.38	cps
Dysprosium	156-1	283	300	317	300	5.56	cps
Dysprosium	156-2	120	133	130	128	5.43	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	17	23	47	29	54.53	cps
Gadolinium	160-1	258	317	283	286	10.23	cps
Gadolinium	160-2	157	177	130	154	15.16	cps
Holmium	165-1	3693333	3621586	3703529	3672816	1.22	cps
Holmium	165-2	1797255	1831807	1795637	1808233	1.13	cps
Indium	115-1	3670565	3693703	3648749	3671005	0.61	cps
Indium	115-2	620221	622435	623657	622104	0.28	cps
Iron	54-2	4881098	4852502	4818961	4850854	0.64	cps
Iron	56-2	86010449	85534855	86020730	85855345	0.32	cps
Iron	57-2	2234268	2194247	2229327	2219280	0.98	cps
Krypton	83-1	1887	1827	1783	1832	2.83	cps
Lead	206-1	3642680	3712223	3749677	3701527	1.47	cps
Lead	207-1	3276643	3376385	3351762	3334930	1.56	cps
Lead	208-1	14623080	14903525	14967904	14831503	1.24	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1420907	1378738	1459935	1419860	2.86	cps
Magnesium	24-2	16439884	16326156	16406105	16390715	0.36	cps
Manganese	55-2	2309128	2315497	2342826	2322484	0.77	cps
Molybdenum	94-1	2961137	3030787	3115475	3035800	2.55	cps
Molybdenum	95-1	3672846	3699294	3745179	3705773	0.99	cps
Molybdenum	96-1	4031943	4035640	4120820	4062801	1.24	cps
Molybdenum	97-1	2250125	2292079	2326611	2289605	1.67	cps
Molybdenum	98-1	5801662	5864277	5891254	5852397	0.79	cps
Neodymium	150-1	87	60	47	64	31.60	cps
Neodymium	150-2	7	3	27	12	103.26	cps
Nickel	60-2	210443	209164	208377	209328	0.50	cps
Phosphorus	31-2	16326	15892	16268	16162	1.46	cps
Potassium	39-2	6792359	6720725	6750165	6754416	0.53	cps
Rhodium	103-1	3562545	3492618	3535778	3530314	1.00	cps
Rhodium	103-2	1640576	1655257	1643815	1646550	0.47	cps
Scandium	45-1	2647751	2634744	2746480	2676325	2.28	cps
Scandium	45-2	107928	108374	108976	108426	0.48	cps
Selenium	82-1	24101	25105	25046	24751	2.28	cps
Selenium	77-2	930	817	773	840	9.63	cps
Selenium	78-2	2877	2918	2926	2907	0.90	cps
Silicon	28-1	2732955	2938479	3092688	2921374	6.18	cps
Silver	109-1	1557015	1584541	1621998	1587851	2.05	cps
Silver	107-1	1666293	1710599	1752906	1709933	2.53	cps
Sodium	23-2	31842400	31686812	31897871	31809027	0.34	cps
Strontium	86-1	501424	502942	510541	504969	0.97	cps
Strontium	88-1	4223875	4246078	4370182	4280045	1.84	cps
Sulfur	34-1	721107	726336	730235	725893	0.63	cps
Terbium	159-1	3935281	3890183	4035245	3953570	1.88	cps
Terbium	159-2	1835452	1812802	1862421	1836892	1.35	cps
Thallium	203-1	845813	863696	874834	861447	1.70	cps
Thallium	205-1	1982178	2037125	2037022	2018775	1.57	cps
Tin	118-1	1057930	1084592	1096978	1079833	1.85	cps
Titanium	47-1	1102456	1122834	1137685	1120992	1.58	cps
Uranium	238-1	2332596	2450574	2427471	2403547	2.60	cps
Vanadium	51-2	401784	401304	401342	401476	0.07	cps
Yttrium	89-1	7415448	7377329	7380723	7391167	0.29	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:48:21	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	873028	870630	871268	871642	0.14	cps
Zinc	66-2	778473	775570	778821	777621	0.23	cps
Zirconium	90-1	2569957	2615795	2612401	2599384	0.98	cps
Zirconium	91-1	570835	588149	592742	583909	1.98	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:55:48 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	436	381	382	400	7.85	cps
Antimony	121-1	200	192	350	247	36.04	cps
Arsenic	75-2	12	12	3	9	57.74	cps
Barium	135-1	50	67	42	53	24.12	cps
Barium	137-1	100	108	125	111	11.46	cps
Beryllium	9-1	268	238	270	259	6.93	cps
Bismuth	209-1	1906813	1960125	1915081	1927340	1.49	cps
Bismuth	209-2	1144909	1156986	1144159	1148685	0.63	cps
Boron	10-1	1962	1982	1920	1954	1.62	cps
Boron	11-1	9293	9119	8603	9005	3.99	cps
Bromine	81-1	3774	3594	3724	3698	2.52	cps
Cadmium	111-1	1052	1090	1246	1129	9.12	cps
Cadmium	106-1	1508	1542	1784	1611	9.32	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	250	260	265	258	2.96	cps
Calcium	44-1	16783	16536	16672	16664	0.74	cps
Chromium	52-2	517	633	570	573	10.19	cps
Cobalt	59-2	107	80	90	92	14.61	cps
Copper	63-2	1373	1463	1327	1388	5.01	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	0	19	89.21	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	3411402	3522532	3495543	3476492	1.67	cps
Holmium	165-2	1684364	1733372	1747032	1721589	1.91	cps
Indium	115-1	3517922	3623444	3588782	3576716	1.50	cps
Indium	115-2	605966	616997	615446	612803	0.97	cps
Iron	54-2	556	606	600	587	4.67	cps
Iron	56-2	5451	5712	5635	5599	2.40	cps
Iron	57-2	111	178	172	154	24.07	cps
Krypton	83-1	1687	1893	1843	1808	5.96	cps
Lead	206-1	600	644	489	578	13.87	cps
Lead	207-1	556	506	517	526	4.99	cps
Lead	208-1	2395	2378	2072	2282	7.95	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:55:48	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1308257	1354633	1349555	1337482	1.90	cps
Magnesium	24-2	967	1250	1275	1164	14.71	cps
Manganese	55-2	263	283	247	264	6.94	cps
Molybdenum	94-1	175	67	125	122	44.36	cps
Molybdenum	95-1	183	83	83	117	49.48	cps
Molybdenum	96-1	192	133	83	136	39.83	cps
Molybdenum	97-1	92	50	42	61	43.83	cps
Molybdenum	98-1	150	100	150	133	21.65	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127	163	130	140	14.48	cps
Phosphorus	31-2	133	158	167	153	11.35	cps
Potassium	39-2	32278	33223	31794	32432	2.24	cps
Rhodium	103-1	3488549	3560191	3567690	3538810	1.23	cps
Rhodium	103-2	1623844	1643502	1684724	1650690	1.88	cps
Scandium	45-1	2443955	2503802	2570290	2506016	2.52	cps
Scandium	45-2	102965	106102	105195	104754	1.54	cps
Selenium	82-1	195	-96	43	47	306.96	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	65	65	54	61	10.35	cps
Silicon	28-1	1474862	1432095	1424308	1443755	1.89	cps
Silver	109-1	100	92	150	114	27.70	cps
Silver	107-1	142	92	108	114	22.35	cps
Sodium	23-2	45296	45898	46149	45781	0.96	cps
Strontium	86-1	2959	3042	2809	2937	4.03	cps
Strontium	88-1	158	192	108	153	27.45	cps
Sulfur	34-1	575565	574633	571575	573925	0.36	cps
Terbium	159-1	3731397	3782056	3861913	3791789	1.74	cps
Terbium	159-2	1758052	1768982	1756087	1761040	0.39	cps
Thallium	203-1	333	283	342	319	9.88	cps
Thallium	205-1	625	508	675	603	14.19	cps
Tin	118-1	142	117	167	142	17.65	cps
Titanium	47-1	317	417	375	369	13.60	cps
Uranium	238-1	50	17	42	36	48.03	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	6942424	7105507	7198361	7082098	1.83	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:55:48	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	833835	853538	855675	847682	1.42	cps
Zinc	66-2	180	203	190	191	6.13	cps
Zirconium	90-1	225	283	258	256	11.45	cps
Zirconium	91-1	133	58	108	100	38.19	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBW004 Instrumnet Name : P8
 Client Sample ID : PBW004 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:58:41 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	377	445	407	8.43	cps
Antimony	121-1	133	75	183	131	41.53	cps
Arsenic	75-2	9	19	11	13	40.70	cps
Barium	135-1	25	42	67	44	47.19	cps
Barium	137-1	42	75	83	67	33.07	cps
Beryllium	9-1	246	216	256	239	8.70	cps
Bismuth	209-1	1921818	1893902	1931615	1915778	1.02	cps
Bismuth	209-2	1159062	1042816	1104360	1102079	5.28	cps
Boron	10-1	1398	1464	1318	1393	5.25	cps
Boron	11-1	7124	7082	6920	7042	1.53	cps
Bromine	81-1	3554	3454	3734	3581	3.97	cps
Cadmium	111-1	989	1031	963	994	3.43	cps
Cadmium	106-1	1433	1475	1375	1428	3.52	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	235	269	254	252	6.70	cps
Calcium	44-1	16141	16609	16533	16428	1.53	cps
Chromium	52-2	520	623	520	554	10.76	cps
Cobalt	59-2	73	110	57	80	34.10	cps
Copper	63-2	1167	1283	1220	1223	4.77	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	8	33	39	86.61	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	3500738	3466940	3422963	3463547	1.13	cps
Holmium	165-2	1737166	1555580	1671246	1654664	5.56	cps
Indium	115-1	3607214	3533859	3547960	3563011	1.09	cps
Indium	115-2	618820	557948	582003	586257	5.23	cps
Iron	54-2	500	556	556	537	5.97	cps
Iron	56-2	5257	5318	5462	5346	1.98	cps
Iron	57-2	150	167	183	167	10.00	cps
Krypton	83-1	1833	1970	1977	1927	4.20	cps
Lead	206-1	506	500	667	557	16.98	cps
Lead	207-1	594	539	456	530	13.20	cps
Lead	208-1	2289	2172	2278	2246	2.87	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBW004 Instrumnet Name : P8
 Client Sample ID : PBW004 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 14:58:41 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1363312	1334913	1376634	1358287	1.57	cps
Magnesium	24-2	1075	1158	1150	1128	4.07	cps
Manganese	55-2	213	233	253	233	8.57	cps
Molybdenum	94-1	158	92	125	125	26.67	cps
Molybdenum	95-1	83	33	42	53	50.76	cps
Molybdenum	96-1	67	50	92	69	30.20	cps
Molybdenum	97-1	17	8	58	28	96.44	cps
Molybdenum	98-1	83	42	75	67	33.07	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	127	157	144	10.91	cps
Phosphorus	31-2	133	200	125	153	26.91	cps
Potassium	39-2	31359	31894	31986	31746	1.07	cps
Rhodium	103-1	3618904	3547699	3576652	3581085	1.00	cps
Rhodium	103-2	1674226	1510879	1561364	1582156	5.29	cps
Scandium	45-1	2521209	2503594	2475795	2500199	0.92	cps
Scandium	45-2	108183	96655	99918	101585	5.85	cps
Selenium	82-1	16	-106	-127	-72	-106.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	59	56	53	16.16	cps
Silicon	28-1	1457994	1462431	1462648	1461025	0.18	cps
Silver	109-1	83	83	83	83	0.00	cps
Silver	107-1	108	100	117	108	7.69	cps
Sodium	23-2	43967	44669	43524	44053	1.31	cps
Strontium	86-1	3075	2842	3100	3006	4.74	cps
Strontium	88-1	175	242	192	203	17.11	cps
Sulfur	34-1	573946	578511	574688	575715	0.43	cps
Terbium	159-1	3774320	3808990	3788723	3790677	0.46	cps
Terbium	159-2	1773099	1585858	1667211	1675389	5.60	cps
Thallium	203-1	217	192	158	189	15.49	cps
Thallium	205-1	575	417	617	536	19.68	cps
Tin	118-1	292	275	308	292	5.72	cps
Titanium	47-1	450	300	358	369	20.47	cps
Uranium	238-1	17	0	25	14	91.65	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	7144130	7147314	7138170	7143205	0.06	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW004	Instrumnet Name :	P8
Client Sample ID :	PBW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 14:58:41	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	856158	772071	808982	812403	5.19	cps
Zinc	66-2	187	150	163	167	11.14	cps
Zirconium	90-1	233	300	208	247	19.17	cps
Zirconium	91-1	67	17	42	42	60.00	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : LCSW004 Instrumnet Name : P8
 Client Sample ID : LCSW004 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 15:01:32 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1277	1304	1294	1.10	cps
Antimony	121-1	10963	10955	11122	11013	0.85	cps
Arsenic	75-2	215	268	244	242	10.95	cps
Barium	135-1	11455	11230	11730	11472	2.18	cps
Barium	137-1	18997	20783	20107	19962	4.52	cps
Beryllium	9-1	1624	1728	1546	1632	5.59	cps
Bismuth	209-1	1983794	1939213	1953805	1958938	1.16	cps
Bismuth	209-2	1178022	1157273	1044334	1126543	6.39	cps
Boron	10-1	3166	3780	3648	3531	9.15	cps
Boron	11-1	15279	17283	18246	16936	8.94	cps
Bromine	81-1	3474	4225	3985	3895	9.85	cps
Cadmium	111-1	2467	2444	2369	2427	2.10	cps
Cadmium	106-1	1742	1625	1542	1636	6.14	cps
Cadmium	108-1	117	92	133	114	18.41	cps
Calcium	43-1	7238	7415	7013	7222	2.79	cps
Calcium	44-1	136325	137626	138438	137463	0.78	cps
Chromium	52-2	4187	4304	3857	4116	5.63	cps
Cobalt	59-2	3034	3167	3147	3116	2.31	cps
Copper	63-2	5771	5661	5431	5621	3.09	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	3576084	3547038	3520688	3547937	0.78	cps
Holmium	165-2	1770075	1689536	1576097	1678570	5.81	cps
Indium	115-1	3691914	3611476	3671657	3658349	1.14	cps
Indium	115-2	621431	611061	556347	596280	5.86	cps
Iron	54-2	14858	15197	14880	14978	1.27	cps
Iron	56-2	261743	258784	262367	260965	0.73	cps
Iron	57-2	6390	6518	6846	6585	3.57	cps
Krypton	83-1	1860	1880	1737	1826	4.25	cps
Lead	206-1	3200	3028	3062	3097	2.95	cps
Lead	207-1	2795	2800	2717	2771	1.68	cps
Lead	208-1	12402	12486	12280	12390	0.84	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCSW004	Instrumnet Name :	P8
Client Sample ID :	LCSW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:01:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1338121	1333803	1333668	1335197	0.19	cps
Magnesium	24-2	62761	63732	61882	62791	1.47	cps
Manganese	55-2	1017	1037	1037	1030	1.12	cps
Molybdenum	94-1	11455	11388	11046	11297	1.94	cps
Molybdenum	95-1	14341	13916	13766	14007	2.13	cps
Molybdenum	96-1	15267	15042	14658	14989	2.05	cps
Molybdenum	97-1	8586	8203	8061	8283	3.28	cps
Molybdenum	98-1	21367	21551	21542	21487	0.48	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1003	1037	1013	1018	1.68	cps
Phosphorus	31-2	108	83	125	106	19.86	cps
Potassium	39-2	83156	82435	80868	82153	1.42	cps
Rhodium	103-1	3535913	3629194	3552558	3572555	1.39	cps
Rhodium	103-2	1693826	1645472	1481070	1606789	6.94	cps
Scandium	45-1	2531352	2533621	2528667	2531213	0.10	cps
Scandium	45-2	106477	104855	94287	101873	6.50	cps
Selenium	82-1	470	465	575	503	12.34	cps
Selenium	77-2	17	20	30	22	31.22	cps
Selenium	78-2	115	125	107	116	7.80	cps
Silicon	28-1	1479200	1473241	1451967	1468136	0.98	cps
Silver	109-1	5685	6093	6443	6074	6.25	cps
Silver	107-1	6343	6068	6085	6165	2.50	cps
Sodium	23-2	163779	164848	161224	163284	1.14	cps
Strontium	86-1	4701	4868	4409	4659	4.98	cps
Strontium	88-1	14500	15567	15709	15259	4.33	cps
Sulfur	34-1	582281	581420	581351	581684	0.09	cps
Terbium	159-1	3818366	3745764	3762947	3775692	1.00	cps
Terbium	159-2	1791768	1756251	1572112	1706710	6.91	cps
Thallium	203-1	3351	3559	3501	3470	3.10	cps
Thallium	205-1	7444	8220	7736	7800	5.02	cps
Tin	118-1	18913	19614	20424	19651	3.85	cps
Titanium	47-1	4359	4467	4284	4370	2.11	cps
Uranium	238-1	8461	9120	8153	8578	5.76	cps
Vanadium	51-2	7145	7365	7165	7225	1.68	cps
Yttrium	89-1	7332486	7123260	7049392	7168379	2.05	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCSW004	Instrumnet Name :	P8
Client Sample ID :	LCSW004	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:01:32	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	850599	844336	760040	818325	6.18	cps
Zinc	66-2	1973	2014	1913	1967	2.56	cps
Zirconium	90-1	9362	9629	9712	9567	1.91	cps
Zirconium	91-1	2125	2025	2292	2147	6.27	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBS04 Instrumnet Name : P8
 Client Sample ID : PBS04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 15:04:26 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434	375	436	415	8.35	cps
Antimony	121-1	83	92	75	83	10.00	cps
Arsenic	75-2	8	10	5	8	32.83	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	67	75	75	72	6.66	cps
Beryllium	9-1	212	194	196	201	4.92	cps
Bismuth	209-1	2193432	1976864	1927007	2032434	6.97	cps
Bismuth	209-2	1160626	1159257	1159194	1159692	0.07	cps
Boron	10-1	1384	1404	1320	1369	3.20	cps
Boron	11-1	6990	6452	6340	6594	5.27	cps
Bromine	81-1	3644	3594	3895	3711	4.34	cps
Cadmium	111-1	1221	1113	1118	1151	5.29	cps
Cadmium	106-1	1725	1592	1600	1639	4.56	cps
Cadmium	108-1	4	25	8	13	88.19	cps
Calcium	43-1	259	220	250	243	8.37	cps
Calcium	44-1	16336	16426	16422	16395	0.31	cps
Chromium	52-2	530	620	623	591	8.96	cps
Cobalt	59-2	103	77	80	87	16.76	cps
Copper	63-2	1037	1033	1123	1064	4.79	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	42	58	47	20.37	cps
Erbium	164-2	10	17	0	9	94.38	cps
Gadolinium	160-1	17	58	0	25	120.18	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	3881369	3492280	3502955	3625535	6.11	cps
Holmium	165-2	1745347	1745189	1744232	1744923	0.03	cps
Indium	115-1	4106212	3603571	3475955	3728579	8.94	cps
Indium	115-2	614931	613104	605574	611203	0.81	cps
Iron	54-2	561	578	628	589	5.89	cps
Iron	56-2	4879	4617	4640	4712	3.07	cps
Iron	57-2	183	139	122	148	21.33	cps
Krypton	83-1	1850	1893	1887	1877	1.24	cps
Lead	206-1	528	556	533	539	2.73	cps
Lead	207-1	433	472	450	452	4.32	cps
Lead	208-1	2017	2078	1995	2030	2.13	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : PBS04 Instrumnet Name : P8
 Client Sample ID : PBS04 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 15:04:26 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1504725	1368478	1344703	1405969	6.14	cps
Magnesium	24-2	1208	1225	1083	1172	6.61	cps
Manganese	55-2	163	197	227	196	16.20	cps
Molybdenum	94-1	83	108	125	106	19.86	cps
Molybdenum	95-1	58	42	33	44	28.65	cps
Molybdenum	96-1	42	117	50	69	59.19	cps
Molybdenum	97-1	17	8	50	25	88.19	cps
Molybdenum	98-1	75	75	75	75	0.00	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	190	160	167	12.49	cps
Phosphorus	31-2	275	125	167	189	40.99	cps
Potassium	39-2	31669	31936	32145	31916	0.75	cps
Rhodium	103-1	4014845	3560107	3521033	3698662	7.42	cps
Rhodium	103-2	1664866	1658787	1634239	1652630	0.98	cps
Scandium	45-1	2879581	2573279	2499484	2650781	7.60	cps
Scandium	45-2	104664	104748	103781	104398	0.51	cps
Selenium	82-1	-65	-67	-39	-57	-28.09	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	52	66	61	60	11.89	cps
Silicon	28-1	1433587	1450474	1421186	1435082	1.02	cps
Silver	109-1	142	83	92	106	29.89	cps
Silver	107-1	100	100	50	83	34.64	cps
Sodium	23-2	41092	40724	40289	40702	0.99	cps
Strontium	86-1	2650	3042	2567	2753	9.22	cps
Strontium	88-1	242	242	258	247	3.89	cps
Sulfur	34-1	582453	583280	582978	582904	0.07	cps
Terbium	159-1	4229913	3777011	3767101	3924675	6.74	cps
Terbium	159-2	1749673	1748520	1761082	1753092	0.40	cps
Thallium	203-1	133	183	133	150	19.24	cps
Thallium	205-1	250	375	325	317	19.87	cps
Tin	118-1	192	242	150	194	23.61	cps
Titanium	47-1	358	333	208	300	26.79	cps
Uranium	238-1	17	50	8	25	88.19	cps
Vanadium	51-2	23	7	3	11	96.43	cps
Yttrium	89-1	8087303	7038007	7008999	7378103	8.33	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS04	Instrumnet Name :	P8
Client Sample ID :	PBS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:04:26	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	846140	846300	838371	843604	0.54	cps
Zinc	66-2	173	200	190	188	7.17	cps
Zirconium	90-1	392	325	233	317	25.11	cps
Zirconium	91-1	58	67	67	64	7.54	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1286	1259	1207	1251	3.20	cps
Antimony	121-1	11388	11330	11472	11397	0.63	cps
Arsenic	75-2	223	273	229	242	11.30	cps
Barium	135-1	11889	11489	11547	11641	1.86	cps
Barium	137-1	19873	21117	19932	20307	3.46	cps
Beryllium	9-1	1636	1724	1774	1711	4.08	cps
Bismuth	209-1	1838507	1979647	1996604	1938253	4.48	cps
Bismuth	209-2	1166796	1143516	1140976	1150429	1.24	cps
Boron	10-1	2886	3268	3416	3190	8.57	cps
Boron	11-1	14156	16278	17379	15938	10.28	cps
Bromine	81-1	4135	3714	3694	3848	6.47	cps
Cadmium	111-1	2393	2329	2481	2401	3.19	cps
Cadmium	106-1	1475	1483	1633	1531	5.82	cps
Cadmium	108-1	146	133	125	135	7.79	cps
Calcium	43-1	7108	7376	7283	7256	1.87	cps
Calcium	44-1	137842	138538	139148	138509	0.47	cps
Chromium	52-2	4261	4277	4021	4186	3.43	cps
Cobalt	59-2	2957	3070	3150	3059	3.18	cps
Copper	63-2	5408	5428	5198	5344	2.38	cps
Dysprosium	156-1	17	50	8	25	88.19	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	8	33	17	86.62	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	23	7	3	11	96.43	cps
Holmium	165-1	3352795	3459350	3514073	3442073	2.38	cps
Holmium	165-2	1768747	1759086	1739631	1755821	0.84	cps
Indium	115-1	3424409	3595955	3619162	3546508	3.00	cps
Indium	115-2	616597	611789	604127	610838	1.03	cps
Iron	54-2	14369	14886	14318	14524	2.16	cps
Iron	56-2	259961	259249	254137	257782	1.23	cps
Iron	57-2	6118	6796	6363	6426	5.34	cps
Krypton	83-1	1920	1863	1753	1846	4.59	cps
Lead	206-1	3150	2923	3212	3095	4.92	cps
Lead	207-1	2789	2828	2723	2780	1.92	cps
Lead	208-1	12658	12525	12430	12538	0.91	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1322591	1332393	1338095	1331026	0.59	cps
Magnesium	24-2	63606	62878	61070	62518	2.09	cps
Manganese	55-2	1003	920	990	971	4.61	cps
Molybdenum	94-1	10738	11113	11755	11202	4.59	cps
Molybdenum	95-1	13966	13624	14308	13966	2.45	cps
Molybdenum	96-1	15426	14958	15693	15359	2.42	cps
Molybdenum	97-1	8411	8503	8536	8483	0.76	cps
Molybdenum	98-1	20975	22035	22828	21946	4.24	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1063	887	947	966	9.30	cps
Phosphorus	31-2	167	267	167	200	28.87	cps
Potassium	39-2	82519	83047	81220	82262	1.14	cps
Rhodium	103-1	3404952	3554862	3622754	3527523	3.16	cps
Rhodium	103-2	1635198	1642149	1615623	1630990	0.84	cps
Scandium	45-1	2429025	2500799	2566955	2498926	2.76	cps
Scandium	45-2	107156	105171	104245	105524	1.41	cps
Selenium	82-1	316	491	639	482	33.59	cps
Selenium	77-2	40	23	20	28	38.58	cps
Selenium	78-2	109	105	95	103	7.00	cps
Silicon	28-1	1480563	1454180	1464259	1466334	0.91	cps
Silver	109-1	6026	6085	6143	6085	0.96	cps
Silver	107-1	6185	6060	6377	6207	2.57	cps
Sodium	23-2	161656	164639	159623	161972	1.56	cps
Strontium	86-1	4576	4884	4743	4734	3.26	cps
Strontium	88-1	15709	16243	15976	15976	1.67	cps
Sulfur	34-1	576288	581683	584857	580943	0.75	cps
Terbium	159-1	3685301	3812965	3855317	3784528	2.34	cps
Terbium	159-2	1763233	1749236	1729103	1747191	0.98	cps
Thallium	203-1	3284	3217	3301	3267	1.35	cps
Thallium	205-1	7694	7527	8461	7894	6.31	cps
Tin	118-1	19072	20257	20424	19918	3.70	cps
Titanium	47-1	4609	4476	4051	4379	6.66	cps
Uranium	238-1	8762	8662	8378	8600	2.31	cps
Vanadium	51-2	7352	7302	7132	7262	1.59	cps
Yttrium	89-1	6801398	7201123	7047037	7016519	2.87	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	LCS04	Instrumnet Name :	P8
Client Sample ID :	LCS04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:07:16	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	843116	838041	835282	838813	0.47	cps
Zinc	66-2	1917	1923	1857	1899	1.93	cps
Zirconium	90-1	9220	9420	9812	9484	3.18	cps
Zirconium	91-1	2259	2175	2067	2167	4.44	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	551	587	540	560	4.44	cps
Antimony	121-1	1934	2309	1884	2042	11.38	cps
Arsenic	75-2	46	46	52	48	7.23	cps
Barium	135-1	2217	2467	2192	2292	6.64	cps
Barium	137-1	4001	3867	4167	4012	3.75	cps
Beryllium	9-1	420	448	412	427	4.43	cps
Bismuth	209-1	1854242	1938143	1955696	1916027	2.83	cps
Bismuth	209-2	1159811	1188478	1194915	1181068	1.58	cps
Boron	10-1	726	822	808	785	6.60	cps
Boron	11-1	3134	3616	3820	3523	10.00	cps
Bromine	81-1	3754	3824	3664	3748	2.14	cps
Cadmium	111-1	1289	1440	1297	1342	6.34	cps
Cadmium	106-1	1458	1567	1417	1481	5.23	cps
Cadmium	108-1	46	33	46	42	17.32	cps
Calcium	43-1	1570	1634	1619	1607	2.07	cps
Calcium	44-1	38042	39033	39127	38734	1.55	cps
Chromium	52-2	1250	1223	1333	1269	4.52	cps
Cobalt	59-2	587	660	717	654	9.96	cps
Copper	63-2	1450	1547	1523	1507	3.35	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	0	8	19	137.78	cps
Erbium	164-2	3	23	20	16	68.90	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	3312613	3524589	3489939	3442380	3.30	cps
Holmium	165-2	1749962	1769696	1798186	1772615	1.37	cps
Indium	115-1	3420322	3493276	3638633	3517410	3.16	cps
Indium	115-2	611253	623998	636958	624070	2.06	cps
Iron	54-2	2150	2139	2245	2178	2.66	cps
Iron	56-2	34548	34252	35545	34782	1.95	cps
Iron	57-2	956	950	867	924	5.39	cps
Krypton	83-1	1900	1943	1783	1876	4.41	cps
Lead	206-1	900	883	933	906	2.81	cps
Lead	207-1	706	833	728	756	9.04	cps
Lead	208-1	3489	3823	3506	3606	5.21	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1298731	1320652	1340124	1319836	1.57	cps
Magnesium	24-2	12839	12781	12981	12867	0.80	cps
Manganese	55-2	303	217	297	272	17.72	cps
Molybdenum	94-1	2259	2167	2234	2220	2.14	cps
Molybdenum	95-1	2584	2675	2675	2645	2.00	cps
Molybdenum	96-1	2834	2817	2950	2867	2.54	cps
Molybdenum	97-1	1700	1533	1542	1592	5.90	cps
Molybdenum	98-1	4367	4593	4151	4370	5.06	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	360	373	340	13.73	cps
Phosphorus	31-2	192	142	200	178	17.75	cps
Potassium	39-2	41594	41176	41577	41449	0.57	cps
Rhodium	103-1	3413006	3514862	3587631	3505166	2.50	cps
Rhodium	103-2	1666948	1686666	1711750	1688455	1.33	cps
Scandium	45-1	2359797	2476030	2516560	2450796	3.32	cps
Scandium	45-2	106011	106346	109442	107267	1.76	cps
Selenium	82-1	-42	-6	218	57	249.22	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	58	70	82	70	17.14	cps
Silicon	28-1	1391542	1387016	1390237	1389598	0.17	cps
Silver	109-1	1100	1175	1333	1203	9.90	cps
Silver	107-1	1050	1117	1142	1103	4.30	cps
Sodium	23-2	58050	58367	58828	58415	0.67	cps
Strontium	86-1	3267	3409	3125	3267	4.34	cps
Strontium	88-1	3134	3401	3376	3303	4.46	cps
Sulfur	34-1	587613	586443	585682	586579	0.17	cps
Terbium	159-1	3585908	3770559	3776548	3711005	2.92	cps
Terbium	159-2	1759447	1814235	1856271	1809984	2.68	cps
Thallium	203-1	675	700	800	725	9.12	cps
Thallium	205-1	1358	1417	1967	1581	21.24	cps
Tin	118-1	3959	3801	4026	3928	2.94	cps
Titanium	47-1	1317	933	1067	1106	17.60	cps
Uranium	238-1	1342	1550	1583	1492	8.78	cps
Vanadium	51-2	1400	1373	1483	1419	4.04	cps
Yttrium	89-1	6683401	7014976	7209974	6969451	3.82	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-04	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:47:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	839733	860478	872412	857541	1.93	cps
Zinc	66-2	303	323	313	313	3.19	cps
Zirconium	90-1	1942	1892	2275	2036	10.24	cps
Zirconium	91-1	417	533	517	489	12.91	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	541	531	570	547	3.67	cps
Antimony	121-1	2542	2717	2109	2456	12.75	cps
Arsenic	75-2	46	52	38	45	15.50	cps
Barium	135-1	2134	2300	2292	2242	4.19	cps
Barium	137-1	3592	4092	4001	3895	6.84	cps
Beryllium	9-1	412	390	388	397	3.36	cps
Bismuth	209-1	1988463	1911768	1905558	1935263	2.39	cps
Bismuth	209-2	1146216	1138945	1145881	1143681	0.36	cps
Boron	10-1	732	808	890	810	9.76	cps
Boron	11-1	3434	3764	3838	3678	5.85	cps
Bromine	81-1	3314	3404	3544	3421	3.39	cps
Cadmium	111-1	1516	1443	1273	1411	8.83	cps
Cadmium	106-1	1625	1633	1275	1511	13.54	cps
Cadmium	108-1	38	54	46	46	18.19	cps
Calcium	43-1	1704	1682	1651	1679	1.57	cps
Calcium	44-1	39349	39219	39540	39369	0.41	cps
Chromium	52-2	1170	1297	1297	1255	5.83	cps
Cobalt	59-2	677	713	620	670	7.02	cps
Copper	63-2	1407	1507	1613	1509	6.85	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	58	0	0	19	173.21	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	3598605	3394343	3376539	3456496	3.57	cps
Holmium	165-2	1721024	1708777	1722782	1717527	0.44	cps
Indium	115-1	3725876	3533342	3413487	3557568	4.43	cps
Indium	115-2	616245	611074	614916	614078	0.44	cps
Iron	54-2	2117	2306	2278	2234	4.57	cps
Iron	56-2	34776	35489	35355	35207	1.08	cps
Iron	57-2	828	872	961	887	7.65	cps
Krypton	83-1	1907	1813	1870	1863	2.52	cps
Lead	206-1	844	939	933	906	5.85	cps
Lead	207-1	683	767	867	772	11.89	cps
Lead	208-1	3367	3567	3761	3565	5.53	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1386303	1278877	1315460	1326880	4.12	cps
Magnesium	24-2	13523	12823	13382	13242	2.80	cps
Manganese	55-2	267	293	290	283	5.13	cps
Molybdenum	94-1	2442	2217	2217	2292	5.67	cps
Molybdenum	95-1	2667	2884	2825	2792	4.02	cps
Molybdenum	96-1	3050	3150	3192	3131	2.33	cps
Molybdenum	97-1	1617	1942	1625	1728	10.73	cps
Molybdenum	98-1	4009	4276	4167	4151	3.23	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	320	350	347	339	4.85	cps
Phosphorus	31-2	225	133	133	164	32.29	cps
Potassium	39-2	40884	42078	42405	41789	1.92	cps
Rhodium	103-1	3630102	3457427	3461496	3516342	2.80	cps
Rhodium	103-2	1643876	1670285	1639297	1651153	1.01	cps
Scandium	45-1	2639476	2491611	2436926	2522671	4.15	cps
Scandium	45-2	105956	106998	107088	106681	0.59	cps
Selenium	82-1	-7	118	151	87	95.18	cps
Selenium	77-2	23	10	13	16	44.60	cps
Selenium	78-2	76	75	77	76	1.32	cps
Silicon	28-1	1395218	1394862	1414930	1401670	0.82	cps
Silver	109-1	1317	1292	1200	1270	4.84	cps
Silver	107-1	1350	1367	1283	1333	3.31	cps
Sodium	23-2	57564	59505	59998	59022	2.18	cps
Strontium	86-1	3534	3175	3417	3376	5.42	cps
Strontium	88-1	3134	3517	3000	3217	8.34	cps
Sulfur	34-1	588544	583523	583583	585216	0.49	cps
Terbium	159-1	3959274	3701468	3679258	3780000	4.12	cps
Terbium	159-2	1760061	1744021	1735599	1746560	0.71	cps
Thallium	203-1	567	625	700	631	10.60	cps
Thallium	205-1	1508	1567	1367	1481	6.95	cps
Tin	118-1	4059	4576	4117	4251	6.66	cps
Titanium	47-1	1250	1317	1142	1236	7.15	cps
Uranium	238-1	1842	1942	1667	1817	7.66	cps
Vanadium	51-2	1320	1580	1457	1452	8.96	cps
Yttrium	89-1	7305378	6949684	7034450	7096504	2.62	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-05	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	847965	844746	847274	846662	0.20	cps
Zinc	66-2	303	360	333	332	8.53	cps
Zirconium	90-1	2084	2167	2150	2134	2.07	cps
Zirconium	91-1	383	508	392	428	16.34	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	380	395	406	8.04	cps
Antimony	121-1	33	33	33	33	0.00	cps
Arsenic	75-2	2	7	5	5	53.93	cps
Barium	135-1	33	42	33	36	13.33	cps
Barium	137-1	67	33	67	56	34.65	cps
Beryllium	9-1	112	130	120	121	7.48	cps
Bismuth	209-1	1613252	1887818	1880508	1793859	8.72	cps
Bismuth	209-2	1155163	1152582	1177795	1161847	1.19	cps
Boron	10-1	432	308	312	351	20.10	cps
Boron	11-1	1586	1770	1530	1628	7.71	cps
Bromine	81-1	3664	3574	3434	3557	3.26	cps
Cadmium	111-1	950	970	971	964	1.20	cps
Cadmium	106-1	1350	1392	1392	1378	1.75	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	226	231	262	240	8.19	cps
Calcium	44-1	15548	14967	15500	15338	2.10	cps
Chromium	52-2	540	590	560	563	4.47	cps
Cobalt	59-2	90	83	70	81	12.55	cps
Copper	63-2	757	657	710	708	7.07	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	25	25	58	36	53.29	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	2981811	3350135	3420144	3250697	7.24	cps
Holmium	165-2	1723391	1735034	1756028	1738151	0.95	cps
Indium	115-1	3055462	3500825	3443310	3333199	7.27	cps
Indium	115-2	609854	609008	618161	612341	0.83	cps
Iron	54-2	461	472	511	482	5.45	cps
Iron	56-2	3289	3539	3601	3476	4.74	cps
Iron	57-2	89	78	128	98	26.75	cps
Krypton	83-1	1843	1820	1887	1850	1.83	cps
Lead	206-1	333	411	372	372	10.45	cps
Lead	207-1	383	344	322	350	8.84	cps
Lead	208-1	1578	1567	1478	1541	3.56	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1130526	1314164	1313480	1252724	8.45	cps
Magnesium	24-2	867	1050	1017	978	9.99	cps
Manganese	55-2	123	107	110	113	7.78	cps
Molybdenum	94-1	33	83	133	83	60.00	cps
Molybdenum	95-1	8	25	17	17	50.01	cps
Molybdenum	96-1	25	25	50	33	43.30	cps
Molybdenum	97-1	8	8	17	11	43.34	cps
Molybdenum	98-1	8	17	17	14	34.67	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	137	167	177	160	13.01	cps
Phosphorus	31-2	200	117	258	192	37.15	cps
Potassium	39-2	31468	31836	31961	31755	0.81	cps
Rhodium	103-1	2992685	3445288	3409845	3282606	7.67	cps
Rhodium	103-2	1674237	1654471	1653382	1660697	0.71	cps
Scandium	45-1	2131454	2440593	2499152	2357066	8.38	cps
Scandium	45-2	106165	106625	106759	106516	0.29	cps
Selenium	82-1	27	122	-94	18	591.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	52	68	57	59	13.87	cps
Silicon	28-1	1410771	1407718	1374061	1397517	1.46	cps
Silver	109-1	50	42	58	50	16.66	cps
Silver	107-1	83	92	100	92	9.09	cps
Sodium	23-2	35201	34541	34884	34876	0.95	cps
Strontium	86-1	3275	3217	2967	3153	5.20	cps
Strontium	88-1	183	175	175	178	2.71	cps
Sulfur	34-1	585258	585662	586410	585777	0.10	cps
Terbium	159-1	3202613	3680149	3623448	3502070	7.45	cps
Terbium	159-2	1767811	1744493	1779082	1763795	1.00	cps
Thallium	203-1	17	83	17	39	98.97	cps
Thallium	205-1	108	100	67	92	24.05	cps
Tin	118-1	183	1876	183	748	130.73	cps
Titanium	47-1	342	275	217	278	22.52	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	20	7	7	11	69.25	cps
Yttrium	89-1	6004887	6755287	6998442	6586206	7.86	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBS05	Instrumnet Name :	P8
Client Sample ID :	PBS05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:53:33	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	849883	844076	852684	848881	0.52	cps
Zinc	66-2	137	147	143	142	3.58	cps
Zirconium	90-1	233	217	342	264	25.72	cps
Zirconium	91-1	50	67	58	58	14.29	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	559	539	551	550	1.84	cps
Antimony	121-1	2209	2217	2009	2145	5.50	cps
Arsenic	75-2	63	58	39	53	23.75	cps
Barium	135-1	2042	2009	2359	2136	9.04	cps
Barium	137-1	3759	4142	4217	4040	6.09	cps
Beryllium	9-1	456	364	422	414	11.24	cps
Bismuth	209-1	1909986	1939742	1984073	1944600	1.92	cps
Bismuth	209-2	1180578	1177558	1166508	1174881	0.63	cps
Boron	10-1	696	754	794	748	6.59	cps
Boron	11-1	3004	3536	3834	3458	12.16	cps
Bromine	81-1	3554	4155	3714	3808	8.17	cps
Cadmium	111-1	1314	1434	1398	1382	4.47	cps
Cadmium	106-1	1325	1517	1492	1445	7.21	cps
Cadmium	108-1	38	33	42	38	11.12	cps
Calcium	43-1	1515	1717	1695	1642	6.76	cps
Calcium	44-1	38745	38839	40432	39339	2.41	cps
Chromium	52-2	1253	1157	1170	1193	4.39	cps
Cobalt	59-2	700	730	693	708	2.76	cps
Copper	63-2	1533	1503	1387	1475	5.26	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	0	8	8	6	86.60	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	3458056	3528082	3628892	3538343	2.43	cps
Holmium	165-2	1784247	1766061	1741903	1764070	1.20	cps
Indium	115-1	3581341	3633415	3686865	3633874	1.45	cps
Indium	115-2	623732	623301	618417	621817	0.47	cps
Iron	54-2	2200	2172	2250	2208	1.79	cps
Iron	56-2	35906	35851	34798	35518	1.76	cps
Iron	57-2	883	872	911	889	2.25	cps
Krypton	83-1	1790	1973	1800	1855	5.56	cps
Lead	206-1	739	922	939	867	12.81	cps
Lead	207-1	806	844	828	826	2.36	cps
Lead	208-1	3372	3550	3873	3598	7.04	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1299736	1346820	1376282	1340946	2.88	cps
Magnesium	24-2	12939	13515	13665	13373	2.86	cps
Manganese	55-2	297	283	303	294	3.46	cps
Molybdenum	94-1	2184	1984	2475	2214	11.17	cps
Molybdenum	95-1	2567	2734	2975	2759	7.44	cps
Molybdenum	96-1	2992	2934	3100	3009	2.81	cps
Molybdenum	97-1	1592	1809	1750	1717	6.53	cps
Molybdenum	98-1	4242	4042	4484	4256	5.20	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	273	310	297	6.83	cps
Phosphorus	31-2	242	100	125	156	48.61	cps
Potassium	39-2	41293	41143	41017	41151	0.34	cps
Rhodium	103-1	3460807	3560948	3685755	3569170	3.16	cps
Rhodium	103-2	1693646	1672244	1654326	1673405	1.18	cps
Scandium	45-1	2474508	2475241	2654379	2534709	4.09	cps
Scandium	45-2	107216	107283	107108	107203	0.08	cps
Selenium	82-1	109	-97	120	44	277.83	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	67	74	73	71	5.31	cps
Silicon	28-1	1405791	1412520	1393083	1403798	0.70	cps
Silver	109-1	992	1100	1175	1089	8.46	cps
Silver	107-1	1025	1250	1217	1164	10.43	cps
Sodium	23-2	58953	59622	57814	58796	1.55	cps
Strontium	86-1	3017	3409	3142	3189	6.27	cps
Strontium	88-1	3000	3092	3426	3173	7.05	cps
Sulfur	34-1	587727	587815	596974	590839	0.90	cps
Terbium	159-1	3726067	3759418	3950629	3812038	3.18	cps
Terbium	159-2	1784041	1785275	1792557	1787291	0.26	cps
Thallium	203-1	592	750	792	711	14.84	cps
Thallium	205-1	1617	1675	1500	1597	5.58	cps
Tin	118-1	4101	3992	4009	4034	1.45	cps
Titanium	47-1	1133	1233	1300	1222	6.86	cps
Uranium	238-1	1517	1633	1667	1606	4.91	cps
Vanadium	51-2	1370	1427	1393	1397	2.04	cps
Yttrium	89-1	7095422	7130097	7397274	7207598	2.29	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-11	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-04	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:56:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	865083	864020	855160	861421	0.63	cps
Zinc	66-2	343	313	283	313	9.57	cps
Zirconium	90-1	2159	1892	2017	2022	6.60	cps
Zirconium	91-1	417	500	500	472	10.19	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	546	556	547	1.72	cps
Antimony	121-1	2217	2184	2200	2200	0.76	cps
Arsenic	75-2	56	50	53	53	5.66	cps
Barium	135-1	2517	2225	2292	2345	6.52	cps
Barium	137-1	3976	4167	4026	4056	2.45	cps
Beryllium	9-1	406	412	432	417	3.27	cps
Bismuth	209-1	1905815	2011003	2024127	1980315	3.27	cps
Bismuth	209-2	1076783	1146761	1157246	1126930	3.88	cps
Boron	10-1	770	806	818	798	3.13	cps
Boron	11-1	3548	3938	4196	3894	8.38	cps
Bromine	81-1	3224	3434	4015	3557	11.52	cps
Cadmium	111-1	1357	1354	1571	1427	8.71	cps
Cadmium	106-1	1425	1392	1742	1520	12.71	cps
Cadmium	108-1	46	58	33	46	27.27	cps
Calcium	43-1	1565	1645	1679	1629	3.59	cps
Calcium	44-1	39313	39750	39552	39538	0.55	cps
Chromium	52-2	1290	1230	1347	1289	4.53	cps
Cobalt	59-2	727	697	657	693	5.07	cps
Copper	63-2	1303	1453	1537	1431	8.26	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	33	8	17	86.62	cps
Erbium	164-2	10	20	3	11	75.52	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	3586068	3668560	3544538	3599722	1.75	cps
Holmium	165-2	1627489	1733888	1809889	1723755	5.32	cps
Indium	115-1	3642802	3689086	3753856	3695248	1.51	cps
Indium	115-2	569393	606012	617016	597474	4.17	cps
Iron	54-2	2189	2150	2300	2213	3.52	cps
Iron	56-2	34347	34820	34408	34525	0.75	cps
Iron	57-2	833	956	861	883	7.25	cps
Krypton	83-1	1817	1777	1853	1816	2.11	cps
Lead	206-1	817	1017	900	911	11.03	cps
Lead	207-1	767	900	689	785	13.60	cps
Lead	208-1	3578	3684	3478	3580	2.87	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1324173	1391558	1355006	1356912	2.49	cps
Magnesium	24-2	12848	12864	13306	13006	2.00	cps
Manganese	55-2	237	310	293	280	13.73	cps
Molybdenum	94-1	2342	2509	2650	2500	6.17	cps
Molybdenum	95-1	2775	2842	2950	2856	3.09	cps
Molybdenum	96-1	3109	3192	3292	3198	2.87	cps
Molybdenum	97-1	1483	1925	1742	1717	12.93	cps
Molybdenum	98-1	4151	4401	4551	4367	4.63	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	330	340	317	329	3.56	cps
Phosphorus	31-2	125	142	183	150	20.03	cps
Potassium	39-2	40717	42404	40324	41148	2.69	cps
Rhodium	103-1	3628084	3682123	3681602	3663936	0.85	cps
Rhodium	103-2	1538413	1659728	1600005	1599382	3.79	cps
Scandium	45-1	2575091	2589579	2590160	2584943	0.33	cps
Scandium	45-2	98417	104704	105349	102824	3.72	cps
Selenium	82-1	55	104	99	86	31.23	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	62	64	60	62	3.23	cps
Silicon	28-1	1389467	1401472	1411265	1400735	0.78	cps
Silver	109-1	800	1200	1200	1067	21.65	cps
Silver	107-1	1258	1292	1317	1289	2.27	cps
Sodium	23-2	57129	57096	58359	57528	1.25	cps
Strontium	86-1	3034	3059	3217	3103	3.20	cps
Strontium	88-1	3325	3209	3626	3387	6.35	cps
Sulfur	34-1	593118	593206	592137	592820	0.10	cps
Terbium	159-1	3790042	3854801	3873838	3839560	1.14	cps
Terbium	159-2	1621596	1745748	1778396	1715246	4.82	cps
Thallium	203-1	708	875	742	775	11.38	cps
Thallium	205-1	1600	1642	1675	1639	2.29	cps
Tin	118-1	4242	4251	4359	4284	1.52	cps
Titanium	47-1	1083	1183	1225	1164	6.26	cps
Uranium	238-1	1900	1650	1650	1734	8.33	cps
Vanadium	51-2	1400	1513	1500	1471	4.21	cps
Yttrium	89-1	7073755	7342702	7405573	7274010	2.42	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L4485-12	Instrumnet Name :	P8
Client Sample ID :	MDL-WATER-05	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 15:59:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	791722	841320	842259	825101	3.50	cps
Zinc	66-2	277	297	293	289	3.71	cps
Zirconium	90-1	2234	2217	2084	2178	3.78	cps
Zirconium	91-1	567	442	367	458	22.04	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	370	409	402	7.29	cps
Antimony	121-1	8	17	17	14	34.67	cps
Arsenic	75-2	10	5	5	7	43.30	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	50	25	42	39	32.73	cps
Beryllium	9-1	122	94	124	113	14.80	cps
Bismuth	209-1	1944458	1933314	1941709	1939827	0.30	cps
Bismuth	209-2	1148270	1181072	1187346	1172229	1.79	cps
Boron	10-1	316	356	288	320	10.68	cps
Boron	11-1	1622	1544	1534	1566	3.08	cps
Bromine	81-1	3604	3224	3594	3474	6.24	cps
Cadmium	111-1	1021	1035	1111	1056	4.55	cps
Cadmium	106-1	1458	1475	1575	1503	4.20	cps
Cadmium	108-1	29	8	13	17	66.16	cps
Calcium	43-1	234	254	232	240	4.97	cps
Calcium	44-1	15293	15334	15694	15440	1.43	cps
Chromium	52-2	587	633	667	629	6.39	cps
Cobalt	59-2	97	43	73	71	37.60	cps
Copper	63-2	650	800	623	691	13.78	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	3454208	3509268	3543279	3502252	1.28	cps
Holmium	165-2	1738434	1786921	1753719	1759692	1.41	cps
Indium	115-1	3608971	3615765	3617713	3614149	0.13	cps
Indium	115-2	612260	622893	625025	620059	1.10	cps
Iron	54-2	467	461	544	491	9.49	cps
Iron	56-2	3489	3450	3234	3391	4.06	cps
Iron	57-2	111	89	150	117	26.51	cps
Krypton	83-1	1787	1800	1907	1831	3.59	cps
Lead	206-1	372	406	411	396	5.31	cps
Lead	207-1	417	344	300	354	16.65	cps
Lead	208-1	1633	1589	1456	1559	5.93	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1330725	1300909	1330247	1320627	1.29	cps
Magnesium	24-2	967	967	817	917	9.45	cps
Manganese	55-2	127	130	123	127	2.63	cps
Molybdenum	94-1	92	75	125	97	26.19	cps
Molybdenum	95-1	42	0	8	17	132.30	cps
Molybdenum	96-1	42	33	33	36	13.33	cps
Molybdenum	97-1	33	17	42	31	41.66	cps
Molybdenum	98-1	25	33	25	28	17.31	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	157	127	163	149	13.12	cps
Phosphorus	31-2	158	167	183	169	7.51	cps
Potassium	39-2	31101	30942	31176	31073	0.38	cps
Rhodium	103-1	3547547	3502857	3606597	3552334	1.46	cps
Rhodium	103-2	1676498	1650878	1670166	1665847	0.80	cps
Scandium	45-1	2535849	2489535	2507302	2510895	0.93	cps
Scandium	45-2	103136	106380	107387	105634	2.10	cps
Selenium	82-1	26	14	-34	2	1750.92	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	66	63	46	58	18.50	cps
Silicon	28-1	1398884	1409555	1416324	1408254	0.62	cps
Silver	109-1	17	58	42	39	53.92	cps
Silver	107-1	100	58	25	61	61.49	cps
Sodium	23-2	35034	34516	34450	34667	0.92	cps
Strontium	86-1	2950	2750	2767	2823	3.93	cps
Strontium	88-1	167	192	217	192	13.05	cps
Sulfur	34-1	593372	590141	600914	594809	0.93	cps
Terbium	159-1	3722538	3819631	3802822	3781664	1.37	cps
Terbium	159-2	1755519	1789902	1798774	1781398	1.28	cps
Thallium	203-1	42	58	50	50	16.67	cps
Thallium	205-1	100	158	67	108	42.83	cps
Tin	118-1	133	133	92	119	20.14	cps
Titanium	47-1	358	250	392	333	22.22	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Yttrium	89-1	7018923	7094723	7112199	7075282	0.70	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PBW005	Instrumnet Name :	P8
Client Sample ID :	PBW005	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:02:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	837031	853434	852545	847670	1.09	cps
Zinc	66-2	157	123	153	144	12.71	cps
Zirconium	90-1	258	258	250	256	1.88	cps
Zirconium	91-1	75	67	67	69	6.93	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114505	1101281	1101668	1105818	0.68	cps
Antimony	121-1	1515811	1534857	1535929	1528866	0.74	cps
Arsenic	75-2	60479	60328	59991	60266	0.41	cps
Barium	135-1	1578207	1608584	1637646	1608146	1.85	cps
Barium	137-1	2695986	2753068	2749280	2732778	1.17	cps
Beryllium	9-1	396171	400218	404728	400372	1.07	cps
Bismuth	209-1	1974786	1984791	2013434	1991004	1.01	cps
Bismuth	209-2	1209443	1177491	1177727	1188220	1.55	cps
Boron	10-1	27438	30025	33195	30219	9.54	cps
Boron	11-1	132276	150098	157548	146640	8.86	cps
Bromine	81-1	3374	3965	3484	3608	8.71	cps
Cadmium	111-1	336789	341819	341397	340002	0.82	cps
Cadmium	106-1	37351	38479	38638	38156	1.84	cps
Cadmium	108-1	24910	26212	25778	25634	2.59	cps
Calcium	43-1	1892638	1978394	2008640	1959891	3.07	cps
Calcium	44-1	32241306	33627914	33385845	33085022	2.24	cps
Chromium	52-2	467921	473655	473026	471534	0.67	cps
Cobalt	59-2	794539	789089	782850	788826	0.74	cps
Copper	63-2	5558844	5457928	5462249	5493007	1.04	cps
Dysprosium	156-1	292	267	233	264	11.09	cps
Dysprosium	156-2	117	137	180	144	22.41	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	33	30	40	34	14.78	cps
Gadolinium	160-1	392	358	350	367	6.01	cps
Gadolinium	160-2	193	217	163	191	13.99	cps
Holmium	165-1	3802565	3732433	3750964	3761987	0.97	cps
Holmium	165-2	1849379	1831938	1845939	1842419	0.50	cps
Indium	115-1	3772802	3734913	3723675	3743797	0.69	cps
Indium	115-2	639832	625006	625644	630161	1.33	cps
Iron	54-2	4875391	4819168	4879191	4857917	0.69	cps
Iron	56-2	86193966	86157774	85569324	85973688	0.41	cps
Iron	57-2	2198516	2186140	2183358	2189338	0.37	cps
Krypton	83-1	1870	1820	1833	1841	1.41	cps
Lead	206-1	3718430	3767435	3760641	3748835	0.71	cps
Lead	207-1	3336727	3374804	3346119	3352550	0.59	cps
Lead	208-1	14919045	14994857	15013818	14975907	0.33	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1446390	1394293	1409268	1416651	1.89	cps
Magnesium	24-2	16324172	16289438	16194251	16269287	0.41	cps
Manganese	55-2	2383656	2351936	2295581	2343724	1.90	cps
Molybdenum	94-1	3049034	3181552	3095536	3108708	2.16	cps
Molybdenum	95-1	3716023	3816333	3723145	3751833	1.49	cps
Molybdenum	96-1	4134104	4193148	4144620	4157291	0.76	cps
Molybdenum	97-1	2333303	2372572	2343830	2349902	0.87	cps
Molybdenum	98-1	5917411	5979945	5961531	5952962	0.54	cps
Neodymium	150-1	100	80	53	78	30.10	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	210068	206412	208262	208247	0.88	cps
Phosphorus	31-2	15025	15992	16193	15737	3.97	cps
Potassium	39-2	6740895	6744266	6687156	6724105	0.48	cps
Rhodium	103-1	3655036	3660803	3633414	3649751	0.40	cps
Rhodium	103-2	1685151	1652693	1664573	1667473	0.98	cps
Scandium	45-1	2712841	2728062	2713187	2718030	0.32	cps
Scandium	45-2	112728	108609	108878	110072	2.09	cps
Selenium	82-1	24713	25284	25121	25039	1.17	cps
Selenium	77-2	750	870	803	808	7.44	cps
Selenium	78-2	2811	2887	2893	2863	1.60	cps
Silicon	28-1	2608399	2774990	2934921	2772770	5.89	cps
Silver	109-1	1631969	1627389	1634154	1631171	0.21	cps
Silver	107-1	1688855	1726720	1774567	1730047	2.48	cps
Sodium	23-2	31570443	31499166	31509440	31526350	0.12	cps
Strontium	86-1	515263	516991	521062	517772	0.58	cps
Strontium	88-1	4351098	4349149	4392287	4364178	0.56	cps
Sulfur	34-1	731907	738292	744953	738384	0.88	cps
Terbium	159-1	4069202	3968347	4076581	4038043	1.50	cps
Terbium	159-2	1890870	1839195	1807857	1845974	2.27	cps
Thallium	203-1	866840	873438	885089	875122	1.06	cps
Thallium	205-1	2067512	2066519	2107059	2080363	1.11	cps
Tin	118-1	1088408	1111043	1108533	1102661	1.13	cps
Titanium	47-1	1130307	1139278	1144991	1138192	0.65	cps
Uranium	238-1	2366012	2399758	2474362	2413377	2.30	cps
Vanadium	51-2	399852	397257	393172	396760	0.85	cps
Yttrium	89-1	7611892	7484053	7496137	7530694	0.94	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:05:01	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	894962	874186	874057	881068	1.37	cps
Zinc	66-2	780103	773245	775229	776192	0.45	cps
Zirconium	90-1	2641205	2691460	2670466	2667710	0.95	cps
Zirconium	91-1	578439	601700	600589	593576	2.21	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:16:20 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372	395	405	391	4.26	cps
Antimony	121-1	117	67	83	89	28.64	cps
Arsenic	75-2	13	10	11	11	13.48	cps
Barium	135-1	8	33	8	17	86.62	cps
Barium	137-1	117	108	75	100	22.05	cps
Beryllium	9-1	132	132	136	133	1.73	cps
Bismuth	209-1	1962844	1904875	1841844	1903187	3.18	cps
Bismuth	209-2	1194303	1218005	1194544	1202284	1.13	cps
Boron	10-1	626	588	598	604	3.26	cps
Boron	11-1	2930	2964	2916	2936	0.84	cps
Bromine	81-1	3664	3714	3624	3668	1.23	cps
Cadmium	111-1	955	966	895	938	4.04	cps
Cadmium	106-1	1358	1383	1275	1339	4.24	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	250	219	252	240	7.82	cps
Calcium	44-1	15276	15225	15031	15177	0.85	cps
Chromium	52-2	603	627	660	630	4.52	cps
Cobalt	59-2	63	73	67	68	7.51	cps
Copper	63-2	853	810	823	829	2.68	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	42	0	25	22	94.38	cps
Gadolinium	160-2	13	0	13	9	86.60	cps
Holmium	165-1	3470859	3466905	3342280	3426681	2.13	cps
Holmium	165-2	1792211	1803085	1775494	1790263	0.78	cps
Indium	115-1	3531086	3481401	3393840	3468776	2.00	cps
Indium	115-2	627919	635687	626604	630070	0.78	cps
Iron	54-2	578	478	433	496	14.91	cps
Iron	56-2	4012	4484	4523	4340	6.56	cps
Iron	57-2	128	128	111	122	7.87	cps
Krypton	83-1	1747	1820	1687	1751	3.81	cps
Lead	206-1	572	461	417	483	16.58	cps
Lead	207-1	489	394	372	419	14.80	cps
Lead	208-1	2017	1778	1828	1874	6.72	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:16:20	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1335057	1344239	1292142	1323812	2.10	cps
Magnesium	24-2	1042	1050	992	1028	3.07	cps
Manganese	55-2	157	137	160	151	8.35	cps
Molybdenum	94-1	133	117	158	136	15.41	cps
Molybdenum	95-1	108	58	58	75	38.49	cps
Molybdenum	96-1	83	58	50	64	27.16	cps
Molybdenum	97-1	83	17	33	44	78.07	cps
Molybdenum	98-1	150	33	17	67	108.98	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	163	187	140	163	14.29	cps
Phosphorus	31-2	158	125	183	156	18.82	cps
Potassium	39-2	30850	31084	31360	31098	0.82	cps
Rhodium	103-1	3517653	3446583	3343331	3435856	2.55	cps
Rhodium	103-2	1692621	1715169	1705543	1704444	0.66	cps
Scandium	45-1	2486214	2491777	2391235	2456409	2.30	cps
Scandium	45-2	107287	108579	106363	107410	1.04	cps
Selenium	82-1	109	-53	147	67	157.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	50	51	51	1.96	cps
Silicon	28-1	1422806	1437550	1416887	1425748	0.75	cps
Silver	109-1	25	67	58	50	44.10	cps
Silver	107-1	92	117	67	92	27.27	cps
Sodium	23-2	35895	36404	35736	36012	0.97	cps
Strontium	86-1	3100	2909	2450	2820	11.85	cps
Strontium	88-1	142	158	192	164	15.53	cps
Sulfur	34-1	580033	577512	575524	577690	0.39	cps
Terbium	159-1	3721147	3658403	3549295	3642948	2.39	cps
Terbium	159-2	1831126	1824633	1808235	1821331	0.65	cps
Thallium	203-1	100	150	133	128	19.93	cps
Thallium	205-1	358	267	392	339	19.10	cps
Tin	118-1	158	225	192	192	17.39	cps
Titanium	47-1	300	408	342	350	15.61	cps
Uranium	238-1	8	50	17	25	88.19	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	6968233	6927563	6650301	6848699	2.53	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:16:20	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	861029	875710	862660	866466	0.93	cps
Zinc	66-2	157	170	147	158	7.42	cps
Zirconium	90-1	300	267	250	272	9.35	cps
Zirconium	91-1	92	83	50	75	29.40	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:19:11	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882	777	882	847	7.15	cps
Antimony	121-1	5810	6310	5785	5968	4.96	cps
Arsenic	75-2	116	108	136	120	12.02	cps
Barium	135-1	5926	6252	5951	6043	2.99	cps
Barium	137-1	9879	11147	10379	10468	6.10	cps
Beryllium	9-1	802	916	846	855	6.73	cps
Bismuth	209-1	2019169	2016714	1989994	2008626	0.81	cps
Bismuth	209-2	1166372	1193145	1215363	1191626	2.06	cps
Boron	10-1	1512	1732	1854	1699	10.20	cps
Boron	11-1	7568	8419	9167	8385	9.54	cps
Bromine	81-1	3414	3274	3754	3481	7.10	cps
Cadmium	111-1	1967	1776	2042	1928	7.13	cps
Cadmium	106-1	1742	1508	1792	1681	9.00	cps
Cadmium	108-1	63	79	71	71	11.77	cps
Calcium	43-1	4019	3948	3979	3982	0.90	cps
Calcium	44-1	78845	79644	78497	78995	0.74	cps
Chromium	52-2	2584	2337	2617	2512	6.09	cps
Cobalt	59-2	1477	1553	1803	1611	10.60	cps
Copper	63-2	3217	3274	3250	3247	0.88	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	67	17	36	74.18	cps
Gadolinium	160-2	0	17	13	10	88.20	cps
Holmium	165-1	3645738	3588621	3491393	3575251	2.18	cps
Holmium	165-2	1771272	1774076	1787419	1777589	0.49	cps
Indium	115-1	3730437	3657039	3588553	3658676	1.94	cps
Indium	115-2	607009	625999	633411	622140	2.19	cps
Iron	54-2	2506	2495	2728	2576	5.11	cps
Iron	56-2	37956	38240	38564	38253	0.79	cps
Iron	57-2	956	1145	983	1028	9.92	cps
Krypton	83-1	1820	1810	1843	1825	0.94	cps
Lead	206-1	1689	1945	1717	1783	7.86	cps
Lead	207-1	1645	1567	1472	1561	5.53	cps
Lead	208-1	7229	7334	6590	7051	5.71	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:19:11 DataFile Name : 036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1396449	1371663	1375639	1381251	0.96	cps
Magnesium	24-2	33038	33422	33414	33291	0.66	cps
Manganese	55-2	560	600	580	580	3.45	cps
Molybdenum	94-1	5785	5926	5885	5865	1.24	cps
Molybdenum	95-1	6910	6718	7244	6957	3.82	cps
Molybdenum	96-1	7911	8036	7611	7852	2.78	cps
Molybdenum	97-1	4534	4101	3951	4195	7.22	cps
Molybdenum	98-1	11305	11088	11655	11349	2.52	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	553	647	547	582	9.60	cps
Phosphorus	31-2	142	167	150	153	8.33	cps
Potassium	39-2	55901	57649	57967	57172	1.95	cps
Rhodium	103-1	3660803	3610733	3519419	3596985	1.99	cps
Rhodium	103-2	1653677	1714373	1715067	1694372	2.08	cps
Scandium	45-1	2627839	2619799	2541245	2596295	1.84	cps
Scandium	45-2	104315	106192	107720	106076	1.61	cps
Selenium	82-1	255	281	312	283	10.07	cps
Selenium	77-2	3	33	20	19	79.59	cps
Selenium	78-2	94	70	88	84	14.87	cps
Silicon	28-1	1420376	1407965	1437065	1421802	1.03	cps
Silver	109-1	3317	2950	2842	3037	8.20	cps
Silver	107-1	3109	2959	3209	3092	4.07	cps
Sodium	23-2	97995	98456	99572	98675	0.82	cps
Strontium	86-1	4251	3959	4117	4109	3.56	cps
Strontium	88-1	8653	8419	8169	8414	2.87	cps
Sulfur	34-1	585282	590086	584083	586484	0.54	cps
Terbium	159-1	3939987	3897028	3834801	3890605	1.36	cps
Terbium	159-2	1776604	1819500	1864729	1820278	2.42	cps
Thallium	203-1	1675	1709	1658	1681	1.52	cps
Thallium	205-1	4242	3992	4351	4195	4.38	cps
Tin	118-1	9912	10646	10037	10198	3.85	cps
Titanium	47-1	2717	2675	2575	2656	2.74	cps
Uranium	238-1	4142	4359	3709	4070	8.13	cps
Vanadium	51-2	3821	4014	3917	3917	2.47	cps
Yttrium	89-1	7337748	7297517	7055304	7230190	2.11	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:19:11	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	835492	855984	866169	852548	1.83	cps
Zinc	66-2	510	427	530	489	11.21	cps
Zirconium	90-1	5226	5326	4918	5157	4.13	cps
Zirconium	91-1	1100	1167	1283	1183	7.84	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372	389	434	398	7.97	cps
Antimony	121-1	75	67	50	64	19.92	cps
Arsenic	75-2	10	7	5	7	34.32	cps
Barium	135-1	25	42	50	39	32.73	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	132	124	146	134	8.31	cps
Bismuth	209-1	1954782	1935279	1978893	1956318	1.12	cps
Bismuth	209-2	1099065	1185246	1184159	1156157	4.28	cps
Boron	10-1	650	644	542	612	9.92	cps
Boron	11-1	3050	2878	2884	2937	3.32	cps
Bromine	81-1	3454	3424	3104	3327	5.84	cps
Cadmium	111-1	988	1046	1054	1030	3.49	cps
Cadmium	106-1	1408	1483	1508	1467	3.55	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	212	252	239	235	8.66	cps
Calcium	44-1	15000	15314	15099	15138	1.06	cps
Chromium	52-2	580	577	593	583	1.51	cps
Cobalt	59-2	83	77	50	70	25.20	cps
Copper	63-2	727	707	797	743	6.36	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	25	58	33	66.13	cps
Erbium	164-2	3	20	0	8	137.80	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	3505792	3429099	3445342	3460078	1.17	cps
Holmium	165-2	1664554	1762103	1792158	1739605	3.83	cps
Indium	115-1	3521229	3586761	3560491	3556160	0.93	cps
Indium	115-2	576401	626612	622728	608580	4.59	cps
Iron	54-2	422	439	506	456	9.68	cps
Iron	56-2	3417	3656	3601	3558	3.51	cps
Iron	57-2	139	172	139	150	12.83	cps
Krypton	83-1	1843	1947	1970	1920	3.51	cps
Lead	206-1	461	467	450	459	1.85	cps
Lead	207-1	328	333	489	383	23.86	cps
Lead	208-1	1656	1656	1845	1719	6.35	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1360337	1332134	1312233	1334901	1.81	cps
Magnesium	24-2	842	858	917	872	4.52	cps
Manganese	55-2	137	123	137	132	5.82	cps
Molybdenum	94-1	67	142	125	111	35.44	cps
Molybdenum	95-1	17	17	0	11	86.60	cps
Molybdenum	96-1	42	33	58	44	28.64	cps
Molybdenum	97-1	50	25	0	25	100.00	cps
Molybdenum	98-1	33	17	33	28	34.63	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	137	150	140	6.30	cps
Phosphorus	31-2	200	150	125	158	24.12	cps
Potassium	39-2	30867	31368	30775	31003	1.03	cps
Rhodium	103-1	3538233	3474560	3549582	3520792	1.15	cps
Rhodium	103-2	1536587	1676821	1690168	1634525	5.21	cps
Scandium	45-1	2539391	2480389	2483917	2501232	1.32	cps
Scandium	45-2	97956	107797	107616	104456	5.39	cps
Selenium	82-1	-36	-173	-117	-109	-63.35	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	68	51	54	58	15.73	cps
Silicon	28-1	1431611	1414773	1403044	1416476	1.01	cps
Silver	109-1	25	17	58	33	66.13	cps
Silver	107-1	42	75	92	69	36.66	cps
Sodium	23-2	35109	34809	35903	35274	1.60	cps
Strontium	86-1	2692	2767	3117	2859	7.94	cps
Strontium	88-1	158	192	150	167	13.23	cps
Sulfur	34-1	578484	581700	584458	581547	0.51	cps
Terbium	159-1	3708206	3764355	3753821	3742128	0.80	cps
Terbium	159-2	1678324	1785772	1816522	1760206	4.12	cps
Thallium	203-1	83	125	83	97	24.74	cps
Thallium	205-1	208	108	200	172	32.22	cps
Tin	118-1	200	275	167	214	25.94	cps
Titanium	47-1	350	283	392	342	15.99	cps
Uranium	238-1	25	0	25	17	86.60	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	7080268	7024997	7133557	7079607	0.77	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BL	Instrumnet Name :	P8
Client Sample ID :	PB133815BL	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:22:03	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	787897	866913	854662	836491	5.08	cps
Zinc	66-2	117	150	147	138	13.32	cps
Zirconium	90-1	317	300	258	292	10.30	cps
Zirconium	91-1	42	67	42	50	28.87	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233406	232785	229542	231911	0.89	cps
Antimony	121-1	1503222	1574607	1561140	1546323	2.45	cps
Arsenic	75-2	60867	60787	61122	60925	0.29	cps
Barium	135-1	1600326	1624977	1648365	1624556	1.48	cps
Barium	137-1	2669418	2756472	2794421	2740104	2.34	cps
Beryllium	9-1	387634	403494	405663	398930	2.47	cps
Bismuth	209-1	2080926	2061234	2032224	2058128	1.19	cps
Bismuth	209-2	1159545	1182102	1172029	1171225	0.96	cps
Boron	10-1	23600	28081	31275	27652	13.94	cps
Boron	11-1	114413	133825	149549	132596	13.27	cps
Bromine	81-1	3704	3354	3754	3604	6.05	cps
Cadmium	111-1	348125	356053	359851	354676	1.69	cps
Cadmium	106-1	38663	40418	40050	39711	2.33	cps
Cadmium	108-1	25762	26530	27231	26507	2.77	cps
Calcium	43-1	394364	409368	412474	405402	2.39	cps
Calcium	44-1	6913461	6929283	7228319	7023688	2.53	cps
Chromium	52-2	483144	486322	480456	483307	0.61	cps
Cobalt	59-2	816505	819898	814998	817134	0.31	cps
Copper	63-2	5617816	5710226	5820865	5716302	1.78	cps
Dysprosium	156-1	75	50	25	50	50.00	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	17	58	25	33	66.13	cps
Erbium	164-2	7	13	30	17	72.11	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	23	40	13	26	52.73	cps
Holmium	165-1	3796572	3718052	3732486	3749037	1.11	cps
Holmium	165-2	1795865	1795146	1791520	1794177	0.13	cps
Indium	115-1	3755430	3773540	3791084	3773351	0.47	cps
Indium	115-2	616625	620176	625284	620695	0.70	cps
Iron	54-2	1024624	1017405	1017158	1019729	0.42	cps
Iron	56-2	18182546	18255060	17915105	18117570	0.99	cps
Iron	57-2	450603	458765	454142	454503	0.90	cps
Krypton	83-1	1773	1777	1640	1730	4.51	cps
Lead	206-1	3740965	3886786	3913707	3847152	2.42	cps
Lead	207-1	3364493	3487101	3590612	3480735	3.25	cps
Lead	208-1	15004354	15640483	15766037	15470291	2.64	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1411859	1401838	1445105	1419601	1.60	cps
Magnesium	24-2	3505552	3436511	3383049	3441704	1.78	cps
Manganese	55-2	2400738	2367072	2351562	2373124	1.06	cps
Molybdenum	94-1	3030013	3161171	3161898	3117694	2.44	cps
Molybdenum	95-1	3646096	3812557	3820427	3759693	2.62	cps
Molybdenum	96-1	4141163	4258722	4174390	4191425	1.45	cps
Molybdenum	97-1	2289726	2376135	2369973	2345278	2.06	cps
Molybdenum	98-1	5762837	6057804	6138881	5986507	3.31	cps
Neodymium	150-1	60	87	73	73	18.18	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	214026	214331	217160	215172	0.80	cps
Phosphorus	31-2	15817	16026	15100	15648	3.10	cps
Potassium	39-2	1481919	1469179	1428505	1459868	1.91	cps
Rhodium	103-1	3677079	3748923	3751983	3725995	1.14	cps
Rhodium	103-2	1658733	1659601	1704066	1674133	1.55	cps
Scandium	45-1	2749400	2730622	2807309	2762444	1.45	cps
Scandium	45-2	108943	108190	108529	108554	0.35	cps
Selenium	82-1	25168	26086	26519	25925	2.66	cps
Selenium	77-2	793	817	927	846	8.42	cps
Selenium	78-2	2867	2845	2844	2852	0.46	cps
Silicon	28-1	2309575	2384249	2399180	2364335	2.03	cps
Silver	109-1	1677654	1730155	1712367	1706725	1.56	cps
Silver	107-1	1737491	1774316	1820143	1777317	2.33	cps
Sodium	23-2	6741705	6700139	6669461	6703768	0.54	cps
Strontium	86-1	504772	531502	535742	524005	3.20	cps
Strontium	88-1	4245298	4422594	4418794	4362229	2.32	cps
Sulfur	34-1	736850	732015	734900	734589	0.33	cps
Terbium	159-1	4041876	4102321	4043926	4062707	0.84	cps
Terbium	159-2	1823921	1818664	1832356	1824980	0.38	cps
Thallium	203-1	865056	897768	902403	888409	2.29	cps
Thallium	205-1	2076133	2159783	2150077	2128664	2.15	cps
Tin	118-1	1078451	1140612	1122077	1113713	2.87	cps
Titanium	47-1	1121847	1189793	1193745	1168462	3.46	cps
Uranium	238-1	2389987	2437449	2469994	2432476	1.65	cps
Vanadium	51-2	403418	404654	400238	402770	0.57	cps
Yttrium	89-1	7547607	7493814	7537537	7526320	0.38	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	PB133815BS	Instrumnet Name :	P8
Client Sample ID :	PB133815BS	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:24:54	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	859166	866327	869283	864925	0.60	cps
Zinc	66-2	798664	802064	803936	801555	0.33	cps
Zirconium	90-1	2629765	2665154	2698265	2664395	1.29	cps
Zirconium	91-1	577581	594879	611321	594594	2.84	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:28:41	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262	1276	1325	1288	2.55	cps
Antimony	121-1	817	925	783	842	8.80	cps
Arsenic	75-2	101	93	92	95	5.17	cps
Barium	135-1	5460	5143	5410	5337	3.19	cps
Barium	137-1	9554	9712	8778	9348	5.35	cps
Beryllium	9-1	402	352	348	367	8.19	cps
Bismuth	209-1	2041049	2080524	2050789	2057454	1.00	cps
Bismuth	209-2	1238866	1231675	1239555	1236699	0.35	cps
Boron	10-1	3558	3626	3402	3528	3.26	cps
Boron	11-1	17155	16968	16452	16858	2.16	cps
Bromine	81-1	23855	33364	38592	31937	23.39	cps
Cadmium	111-1	1374	1293	1317	1328	3.12	cps
Cadmium	106-1	1767	1717	1734	1739	1.46	cps
Cadmium	108-1	13	42	25	26	55.46	cps
Calcium	43-1	556105	566765	567873	563581	1.15	cps
Calcium	44-1	9422171	9666648	9543101	9543973	1.28	cps
Chromium	52-2	1623	1423	1607	1551	7.15	cps
Cobalt	59-2	550	483	500	511	6.79	cps
Copper	63-2	3794	4161	3611	3855	7.27	cps
Dysprosium	156-1	8	75	8	31	125.98	cps
Dysprosium	156-2	37	20	13	23	51.52	cps
Erbium	164-1	67	100	75	81	21.53	cps
Erbium	164-2	33	30	23	29	17.63	cps
Gadolinium	160-1	100	50	25	58	65.47	cps
Gadolinium	160-2	30	13	23	22	37.76	cps
Holmium	165-1	3795047	3818684	3719488	3777740	1.37	cps
Holmium	165-2	1903359	1884141	1870424	1885975	0.88	cps
Indium	115-1	3812812	3821475	3800179	3811489	0.28	cps
Indium	115-2	654537	658531	660756	657941	0.48	cps
Iron	54-2	3762	3378	3906	3682	7.41	cps
Iron	56-2	61343	60785	59485	60537	1.57	cps
Iron	57-2	1306	1567	1500	1458	9.31	cps
Krypton	83-1	1743	1800	1847	1797	2.88	cps
Lead	206-1	1761	2239	1800	1934	13.72	cps
Lead	207-1	1450	1772	1611	1611	10.00	cps
Lead	208-1	6995	8473	7468	7645	9.87	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01 Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:28:41 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1410709	1395086	1447488	1417761	1.90	cps
Magnesium	24-2	896529	899746	891021	895765	0.49	cps
Manganese	55-2	2430	2520	2344	2431	3.63	cps
Molybdenum	94-1	1433	1517	1208	1386	11.51	cps
Molybdenum	95-1	1658	1767	1467	1631	9.32	cps
Molybdenum	96-1	1775	1842	1608	1742	6.90	cps
Molybdenum	97-1	1033	917	858	936	9.52	cps
Molybdenum	98-1	2434	2459	2584	2492	3.23	cps
Neodymium	150-1	60	40	53	51	19.92	cps
Neodymium	150-2	30	10	13	18	60.28	cps
Nickel	60-2	830	697	853	793	10.65	cps
Phosphorus	31-2	125	150	117	131	13.29	cps
Potassium	39-2	147034	145192	145790	146006	0.64	cps
Rhodium	103-1	3794101	3854596	3763197	3803965	1.22	cps
Rhodium	103-2	1769036	1753365	1758552	1760318	0.45	cps
Scandium	45-1	2650131	2689581	2716827	2685513	1.25	cps
Scandium	45-2	113534	112607	112892	113011	0.42	cps
Selenium	82-1	84	44	-99	10	968.35	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	68	61	59	63	7.54	cps
Silicon	28-1	13605446	13800663	13746315	13717475	0.73	cps
Silver	109-1	650	675	733	686	6.23	cps
Silver	107-1	725	867	675	756	13.16	cps
Sodium	23-2	10168312	10054432	10049218	10090654	0.67	cps
Strontium	86-1	455038	463290	456379	458236	0.97	cps
Strontium	88-1	3797737	3895741	3868308	3853929	1.31	cps
Sulfur	34-1	699592	706262	707811	704555	0.62	cps
Terbium	159-1	3985887	4087722	4034942	4036183	1.26	cps
Terbium	159-2	1892294	1859246	1882148	1877896	0.90	cps
Thallium	203-1	758	725	758	747	2.58	cps
Thallium	205-1	1942	1959	1734	1878	6.68	cps
Tin	118-1	625	825	650	700	15.57	cps
Titanium	47-1	1133	983	867	995	13.44	cps
Uranium	238-1	2209	2309	2300	2272	2.44	cps
Vanadium	51-2	310	380	377	356	11.11	cps
Yttrium	89-1	7493896	7761462	7603966	7619774	1.76	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:28:41	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	907502	908240	904508	906750	0.22	cps
Zinc	66-2	743	720	670	711	5.27	cps
Zirconium	90-1	1233	1583	1258	1358	14.38	cps
Zirconium	91-1	300	358	342	333	9.01	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:31:29	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1202	1230	1252	1228	2.04	cps
Antimony	121-1	258	175	258	231	20.87	cps
Arsenic	75-2	69	59	64	64	7.81	cps
Barium	135-1	5218	4793	5034	5015	4.25	cps
Barium	137-1	8053	8236	8853	8381	5.00	cps
Beryllium	9-1	202	202	196	200	1.73	cps
Bismuth	209-1	2056571	2065957	1955635	2026055	3.02	cps
Bismuth	209-2	1228074	1226128	1215348	1223183	0.56	cps
Boron	10-1	2380	2304	2412	2365	2.35	cps
Boron	11-1	11028	11960	11792	11594	4.29	cps
Bromine	81-1	31337	38041	42548	37308	15.12	cps
Cadmium	111-1	1185	1084	1051	1107	6.33	cps
Cadmium	106-1	1675	1500	1483	1553	6.84	cps
Cadmium	108-1	0	17	13	10	89.22	cps
Calcium	43-1	561696	580893	578284	573624	1.82	cps
Calcium	44-1	9689690	9994342	9885406	9856480	1.57	cps
Chromium	52-2	1413	1417	1300	1377	4.82	cps
Cobalt	59-2	183	167	183	178	5.41	cps
Copper	63-2	1290	1120	1363	1258	9.92	cps
Dysprosium	156-1	75	67	50	64	19.92	cps
Dysprosium	156-2	40	23	27	30	29.40	cps
Erbium	164-1	100	50	83	78	32.73	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	20	37	23	27	33.08	cps
Holmium	165-1	3741175	3830512	3556437	3709375	3.77	cps
Holmium	165-2	1895122	1862960	1824368	1860817	1.90	cps
Indium	115-1	3894530	3878434	3712349	3828437	2.63	cps
Indium	115-2	657962	655588	650245	654598	0.60	cps
Iron	54-2	3189	3162	3289	3213	2.09	cps
Iron	56-2	54465	54074	52541	53693	1.89	cps
Iron	57-2	1339	1572	1639	1517	10.39	cps
Krypton	83-1	1917	1883	1750	1850	4.77	cps
Lead	206-1	678	650	644	657	2.72	cps
Lead	207-1	656	550	567	591	9.61	cps
Lead	208-1	2978	2567	2556	2700	8.91	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320C	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:31:29	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1425715	1432410	1337627	1398584	3.78	cps
Magnesium	24-2	910984	903110	900647	904914	0.60	cps
Manganese	55-2	1400	1573	1487	1487	5.83	cps
Molybdenum	94-1	292	242	292	275	10.50	cps
Molybdenum	95-1	200	133	217	183	24.05	cps
Molybdenum	96-1	208	142	233	194	24.37	cps
Molybdenum	97-1	83	133	75	97	32.45	cps
Molybdenum	98-1	358	233	333	308	21.45	cps
Neodymium	150-1	27	33	67	42	50.76	cps
Neodymium	150-2	13	27	20	20	33.35	cps
Nickel	60-2	700	597	667	654	8.06	cps
Phosphorus	31-2	192	150	208	183	16.39	cps
Potassium	39-2	147178	146757	146143	146693	0.35	cps
Rhodium	103-1	3803516	3796018	3556795	3718776	3.77	cps
Rhodium	103-2	1770908	1739519	1728463	1746297	1.26	cps
Scandium	45-1	2679175	2797872	2562306	2679784	4.40	cps
Scandium	45-2	114599	113681	110584	112955	1.86	cps
Selenium	82-1	-39	-36	129	18	538.01	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	53	44	57	51	12.98	cps
Silicon	28-1	13822522	14212491	13901454	13978822	1.47	cps
Silver	109-1	142	108	142	131	14.74	cps
Silver	107-1	175	158	183	172	7.39	cps
Sodium	23-2	10186087	10158510	10177890	10174162	0.14	cps
Strontium	86-1	458036	470427	471750	466738	1.62	cps
Strontium	88-1	3900678	3970275	3984210	3951721	1.13	cps
Sulfur	34-1	707934	708951	712737	709874	0.36	cps
Terbium	159-1	4162623	4084585	3855977	4034395	3.95	cps
Terbium	159-2	1927994	1868672	1865101	1887256	1.87	cps
Thallium	203-1	283	250	275	269	6.44	cps
Thallium	205-1	642	675	658	658	2.53	cps
Tin	118-1	283	167	192	214	28.72	cps
Titanium	47-1	617	558	575	583	5.15	cps
Uranium	238-1	1658	1525	1742	1642	6.66	cps
Vanadium	51-2	150	163	143	152	6.69	cps
Yttrium	89-1	7772555	7706419	7310234	7596403	3.29	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320E	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:31:29	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	912561	909403	894463	905476	1.07	cps
Zinc	66-2	353	377	357	362	3.49	cps
Zirconium	90-1	667	550	542	586	11.92	cps
Zirconium	91-1	92	100	100	97	4.95	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-30 16:34:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	544	541	545	543	0.35	cps
Antimony	121-1	108	167	158	144	21.84	cps
Arsenic	75-2	23	19	16	19	18.16	cps
Barium	135-1	933	1000	1000	978	3.94	cps
Barium	137-1	1683	1542	1733	1653	6.02	cps
Beryllium	9-1	170	170	172	171	0.68	cps
Bismuth	209-1	1957701	2024165	2076376	2019414	2.95	cps
Bismuth	209-2	1222147	1243153	1220551	1228617	1.03	cps
Boron	10-1	1244	1266	1164	1224	4.38	cps
Boron	11-1	5766	5972	5824	5854	1.82	cps
Bromine	81-1	17028	17068	17870	17322	2.74	cps
Cadmium	111-1	1056	1052	1178	1095	6.55	cps
Cadmium	106-1	1525	1475	1692	1564	7.25	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	108069	110188	112270	110176	1.91	cps
Calcium	44-1	1927769	1900349	1971307	1933142	1.85	cps
Chromium	52-2	843	737	793	791	6.75	cps
Cobalt	59-2	87	80	117	94	20.68	cps
Copper	63-2	973	987	853	938	7.83	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	3505615	3765735	3723354	3664901	3.81	cps
Holmium	165-2	1893731	1887418	1829815	1870322	1.88	cps
Indium	115-1	3652248	3779777	3913853	3781960	3.46	cps
Indium	115-2	651901	655997	648530	652143	0.57	cps
Iron	54-2	1061	922	989	991	7.01	cps
Iron	56-2	13273	12739	12889	12967	2.12	cps
Iron	57-2	394	333	439	389	13.63	cps
Krypton	83-1	1757	1847	1883	1829	3.56	cps
Lead	206-1	528	528	561	539	3.57	cps
Lead	207-1	483	472	406	454	9.27	cps
Lead	208-1	2183	2156	1995	2111	4.83	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01LX5 Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320L Dilution Factor : 5
 Date & Time Acquired :: 2020-12-30 16:34:20 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1348477	1398501	1437444	1394807	3.20	cps
Magnesium	24-2	180313	178010	174416	177580	1.67	cps
Manganese	55-2	427	430	400	419	3.93	cps
Molybdenum	94-1	183	208	100	164	34.61	cps
Molybdenum	95-1	92	100	67	86	20.14	cps
Molybdenum	96-1	142	108	75	108	30.77	cps
Molybdenum	97-1	75	25	33	44	60.28	cps
Molybdenum	98-1	92	258	117	156	57.78	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	250	270	260	260	3.85	cps
Phosphorus	31-2	150	208	150	169	19.88	cps
Potassium	39-2	52897	54755	53834	53829	1.73	cps
Rhodium	103-1	3596475	3731319	3746737	3691510	2.24	cps
Rhodium	103-2	1742388	1742269	1761192	1748616	0.62	cps
Scandium	45-1	2554031	2626497	2661505	2614011	2.10	cps
Scandium	45-2	113568	112664	109443	111891	1.94	cps
Selenium	82-1	190	-26	1	55	214.03	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	50	44	65	53	20.41	cps
Silicon	28-1	3731522	3790534	3873301	3798452	1.87	cps
Silver	109-1	33	92	58	61	47.90	cps
Silver	107-1	158	75	92	108	40.71	cps
Sodium	23-2	2074140	2061142	2034875	2056719	0.97	cps
Strontium	86-1	90291	91315	94812	92139	2.57	cps
Strontium	88-1	749619	762692	772014	761442	1.48	cps
Sulfur	34-1	606788	609105	615375	610423	0.73	cps
Terbium	159-1	3872715	4021109	4113426	4002417	3.03	cps
Terbium	159-2	1876951	1919860	1851376	1882729	1.84	cps
Thallium	203-1	175	250	158	194	25.11	cps
Thallium	205-1	475	425	367	422	12.84	cps
Tin	118-1	117	192	208	172	28.35	cps
Titanium	47-1	383	450	375	403	10.21	cps
Uranium	238-1	375	433	333	381	13.20	cps
Vanadium	51-2	37	50	13	33	55.68	cps
Yttrium	89-1	7129886	7579782	7597031	7435566	3.56	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320L	Dilution Factor :	5
Date & Time Acquired ::	2020-12-30 16:34:20	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	897207	904816	893016	898346	0.67	cps
Zinc	66-2	227	207	207	213	5.41	cps
Zirconium	90-1	350	283	292	308	11.78	cps
Zirconium	91-1	50	58	75	61	20.83	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01MS Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:37:10 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237971	242730	240538	240413	0.99	cps
Antimony	121-1	1553081	1540071	1545950	1546367	0.42	cps
Arsenic	75-2	64239	64398	65186	64608	0.78	cps
Barium	135-1	1602289	1606160	1633406	1613951	1.05	cps
Barium	137-1	2740464	2714559	2757135	2737386	0.78	cps
Beryllium	9-1	392257	394776	394257	393763	0.34	cps
Bismuth	209-1	2118555	2055310	2081921	2085262	1.52	cps
Bismuth	209-2	1139906	1249631	1242203	1210580	5.07	cps
Boron	10-1	27172	29874	32601	29882	9.09	cps
Boron	11-1	131292	143864	156974	144043	8.92	cps
Bromine	81-1	25519	32089	34849	30819	15.55	cps
Cadmium	111-1	343439	341614	347031	344028	0.80	cps
Cadmium	106-1	38128	38730	37568	38142	1.52	cps
Cadmium	108-1	25611	25887	25870	25790	0.60	cps
Calcium	43-1	1332416	1334787	1337086	1334763	0.17	cps
Calcium	44-1	22675825	22522240	22656217	22618094	0.37	cps
Chromium	52-2	481617	495725	492846	490063	1.52	cps
Cobalt	59-2	810897	826630	829594	822373	1.22	cps
Copper	63-2	5725813	5883026	5757555	5788798	1.44	cps
Dysprosium	156-1	200	192	150	181	14.84	cps
Dysprosium	156-2	90	63	73	76	17.83	cps
Erbium	164-1	92	25	75	64	54.31	cps
Erbium	164-2	63	33	37	44	36.99	cps
Gadolinium	160-1	217	275	233	242	12.43	cps
Gadolinium	160-2	77	100	93	90	13.35	cps
Holmium	165-1	3986417	3764706	3741530	3830884	3.53	cps
Holmium	165-2	1755544	1943313	1944364	1881074	5.78	cps
Indium	115-1	3913025	3860751	3786750	3853509	1.65	cps
Indium	115-2	600994	666341	665886	644407	5.83	cps
Iron	54-2	1024100	1056577	1040380	1040353	1.56	cps
Iron	56-2	18169446	18744937	18623304	18512562	1.64	cps
Iron	57-2	458813	468036	463292	463380	1.00	cps
Krypton	83-1	1780	1813	1813	1802	1.07	cps
Lead	206-1	3414863	3473384	3536857	3475035	1.76	cps
Lead	207-1	3081572	3093952	3126406	3100643	0.75	cps
Lead	208-1	13794653	13893993	14233696	13974114	1.65	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01MS Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320M Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:37:10 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1458194	1432057	1427197	1439149	1.16	cps
Magnesium	24-2	7614101	7589384	7657207	7620231	0.45	cps
Manganese	55-2	2440992	2494560	2431602	2455718	1.38	cps
Molybdenum	94-1	3173267	3173899	3158040	3168402	0.28	cps
Molybdenum	95-1	3881289	3878469	3891024	3883594	0.17	cps
Molybdenum	96-1	4271958	4305873	4303280	4293704	0.44	cps
Molybdenum	97-1	2410398	2436476	2369042	2405305	1.41	cps
Molybdenum	98-1	6178623	6107397	6097240	6127753	0.72	cps
Neodymium	150-1	100	113	87	100	13.33	cps
Neodymium	150-2	0	27	27	18	86.60	cps
Nickel	60-2	226447	232768	230890	230035	1.41	cps
Phosphorus	31-2	150	108	125	128	16.41	cps
Potassium	39-2	1596483	1653098	1611627	1620402	1.81	cps
Rhodium	103-1	3855991	3779507	3809922	3815140	1.01	cps
Rhodium	103-2	1615017	1780609	1793183	1729603	5.75	cps
Scandium	45-1	2769616	2762531	2794108	2775418	0.60	cps
Scandium	45-2	104357	118766	116709	113277	6.88	cps
Selenium	82-1	25569	25609	25350	25509	0.55	cps
Selenium	77-2	800	850	840	830	3.19	cps
Selenium	78-2	2938	2941	2994	2957	1.07	cps
Silicon	28-1	14143628	14153272	14388816	14228572	0.98	cps
Silver	109-1	1439348	1223877	1404454	1355893	8.53	cps
Silver	107-1	1494018	1575198	1476910	1515375	3.47	cps
Sodium	23-2	22768209	23174003	23133121	23025111	0.97	cps
Strontium	86-1	958286	960204	962402	960297	0.21	cps
Strontium	88-1	7985653	8120655	8045569	8050626	0.84	cps
Sulfur	34-1	695082	704441	702331	700618	0.70	cps
Terbium	159-1	4164798	4180342	4164174	4169771	0.22	cps
Terbium	159-2	1795016	1956131	1974331	1908493	5.17	cps
Thallium	203-1	866441	874493	871970	870968	0.47	cps
Thallium	205-1	2040181	2074082	2122588	2078950	1.99	cps
Tin	118-1	1084586	1107752	1108029	1100123	1.22	cps
Titanium	47-1	1132760	1119670	1129115	1127182	0.60	cps
Uranium	238-1	2420010	2435717	2396815	2417514	0.81	cps
Vanadium	51-2	410312	419469	411030	413604	1.23	cps
Yttrium	89-1	7900540	7754299	7757596	7804145	1.07	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MS	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:37:10	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	839022	933917	930380	901106	5.97	cps
Zinc	66-2	802719	816103	819288	812704	1.08	cps
Zirconium	90-1	2671676	2629404	2662608	2654563	0.84	cps
Zirconium	91-1	587979	588855	590577	589137	0.22	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234567	236996	239161	236908	0.97	cps
Antimony	121-1	1531101	1581978	1547422	1553500	1.67	cps
Arsenic	75-2	63111	63741	65114	63989	1.60	cps
Barium	135-1	1623375	1673395	1624362	1640377	1.74	cps
Barium	137-1	2752457	2892159	2773893	2806169	2.68	cps
Beryllium	9-1	397088	409149	396123	400787	1.81	cps
Bismuth	209-1	2127439	2069634	2027861	2074978	2.41	cps
Bismuth	209-2	1253865	1257933	1232079	1247959	1.11	cps
Boron	10-1	31427	33946	35085	33486	5.59	cps
Boron	11-1	150414	167010	171898	163107	6.90	cps
Bromine	81-1	30745	36153	37207	34702	9.99	cps
Cadmium	111-1	347665	356865	347076	350536	1.57	cps
Cadmium	106-1	38989	40000	37268	38752	3.57	cps
Cadmium	108-1	26238	26663	25553	26151	2.14	cps
Calcium	43-1	1363982	1384654	1323679	1357438	2.28	cps
Calcium	44-1	22608583	23246546	22530390	22795173	1.72	cps
Chromium	52-2	480532	484985	490518	485345	1.03	cps
Cobalt	59-2	802615	813864	810457	808979	0.71	cps
Copper	63-2	5666327	5720446	5738949	5708574	0.66	cps
Dysprosium	156-1	208	133	150	164	24.03	cps
Dysprosium	156-2	93	100	93	96	4.03	cps
Erbium	164-1	58	108	33	67	57.29	cps
Erbium	164-2	43	37	47	42	12.06	cps
Gadolinium	160-1	275	150	158	194	35.94	cps
Gadolinium	160-2	90	117	107	104	12.90	cps
Holmium	165-1	3859611	3871297	3702642	3811184	2.47	cps
Holmium	165-2	1952325	1945160	1935658	1944381	0.43	cps
Indium	115-1	3952824	3933390	3766382	3884198	2.64	cps
Indium	115-2	671751	670080	658314	666715	1.10	cps
Iron	54-2	1021059	1031577	1035446	1029361	0.72	cps
Iron	56-2	18082748	18423930	18610809	18372496	1.46	cps
Iron	57-2	450327	457208	464410	457315	1.54	cps
Krypton	83-1	1827	1954	1840	1873	3.72	cps
Lead	206-1	5307920	5371531	5274753	5318068	0.92	cps
Lead	207-1	4808603	4765547	4748403	4774185	0.65	cps
Lead	208-1	21331285	21503436	20990957	21275226	1.23	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1476692	1478249	1411341	1455428	2.62	cps
Magnesium	24-2	7607272	7564405	7746633	7639437	1.25	cps
Manganese	55-2	2406578	2437395	2427834	2423936	0.65	cps
Molybdenum	94-1	3130117	3270129	3207214	3202487	2.19	cps
Molybdenum	95-1	3886387	3956521	3899006	3913971	0.96	cps
Molybdenum	96-1	4334347	4408451	4327225	4356674	1.03	cps
Molybdenum	97-1	2466550	2494137	2425323	2462003	1.41	cps
Molybdenum	98-1	6160644	6351676	6237536	6249952	1.54	cps
Neodymium	150-1	147	120	100	122	19.16	cps
Neodymium	150-2	40	27	33	33	20.00	cps
Nickel	60-2	223082	224799	228117	225332	1.14	cps
Phosphorus	31-2	125	117	175	139	22.72	cps
Potassium	39-2	1576998	1610745	1605956	1597900	1.14	cps
Rhodium	103-1	3828098	3855874	3706939	3796970	2.09	cps
Rhodium	103-2	1787116	1771809	1765993	1774973	0.61	cps
Scandium	45-1	2819084	2779288	2716550	2771641	1.87	cps
Scandium	45-2	117153	117966	115230	116783	1.20	cps
Selenium	82-1	25440	26371	25877	25896	1.80	cps
Selenium	77-2	947	840	943	910	6.66	cps
Selenium	78-2	2969	2972	3017	2986	0.90	cps
Silicon	28-1	14437679	14732966	14508697	14559781	1.06	cps
Silver	109-1	1384264	1418546	1682679	1495163	10.92	cps
Silver	107-1	1713049	1436628	1689964	1613214	9.51	cps
Sodium	23-2	22502870	22689514	22893224	22695203	0.86	cps
Strontium	86-1	965967	997953	968472	977464	1.82	cps
Strontium	88-1	8132772	8326878	8046593	8168748	1.76	cps
Sulfur	34-1	701986	706173	702173	703444	0.34	cps
Terbium	159-1	4292319	4140538	4087847	4173568	2.54	cps
Terbium	159-2	1985449	1955431	1919369	1953416	1.69	cps
Thallium	203-1	878235	892325	867846	879469	1.40	cps
Thallium	205-1	2111031	2153301	2038148	2100827	2.77	cps
Tin	118-1	1105191	1135066	1106048	1115435	1.52	cps
Titanium	47-1	1149395	1171702	1133062	1151386	1.68	cps
Uranium	238-1	2479304	2452388	2458904	2463532	0.57	cps
Vanadium	51-2	405539	408704	417921	410721	1.57	cps
Yttrium	89-1	7961300	7895602	7573123	7810008	2.66	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320M	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:40:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	942485	934332	917614	931477	1.36	cps
Zinc	66-2	793394	802609	804624	800209	0.75	cps
Zirconium	90-1	2684970	2758514	2653431	2698972	2.00	cps
Zirconium	91-1	595974	610110	593332	599805	1.50	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01A	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:42:50	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234853	239217	241238	238436	1.37	cps
Antimony	121-1	1535977	1525302	1533188	1531489	0.36	cps
Arsenic	75-2	63215	64528	64846	64196	1.35	cps
Barium	135-1	1591043	1600683	1602804	1598177	0.39	cps
Barium	137-1	2727599	2793391	2719953	2746981	1.47	cps
Beryllium	9-1	391282	393683	393584	392850	0.35	cps
Bismuth	209-1	2052795	2069727	2072653	2065058	0.52	cps
Bismuth	209-2	1228044	1276619	1258394	1254352	1.96	cps
Boron	10-1	31519	34564	36368	34150	7.18	cps
Boron	11-1	154394	166082	175874	165450	6.50	cps
Bromine	81-1	31628	35140	38723	35163	10.09	cps
Cadmium	111-1	343920	340848	343142	342636	0.47	cps
Cadmium	106-1	38471	38931	38571	38658	0.62	cps
Cadmium	108-1	25319	25778	25156	25418	1.27	cps
Calcium	43-1	1323500	1337148	1370049	1343566	1.78	cps
Calcium	44-1	22406758	22837533	23240916	22828403	1.83	cps
Chromium	52-2	476630	486434	493515	485526	1.75	cps
Cobalt	59-2	800656	820016	825108	815260	1.58	cps
Copper	63-2	5593380	5650037	5746700	5663372	1.37	cps
Dysprosium	156-1	183	125	158	156	18.82	cps
Dysprosium	156-2	87	80	63	77	15.68	cps
Erbium	164-1	100	125	125	117	12.37	cps
Erbium	164-2	53	40	70	54	27.61	cps
Gadolinium	160-1	275	192	142	203	33.22	cps
Gadolinium	160-2	130	93	133	119	18.67	cps
Holmium	165-1	3730979	3765079	3799781	3765280	0.91	cps
Holmium	165-2	1923048	1996916	1924201	1948055	2.17	cps
Indium	115-1	3718138	3861399	3873854	3817797	2.27	cps
Indium	115-2	656373	672709	664990	664691	1.23	cps
Iron	54-2	1025652	1034959	1039551	1033387	0.69	cps
Iron	56-2	18196443	18682128	18655083	18511218	1.47	cps
Iron	57-2	453587	467009	470624	463740	1.94	cps
Krypton	83-1	1810	2034	1923	1922	5.81	cps
Lead	206-1	5045879	5042903	5151036	5079940	1.21	cps
Lead	207-1	4476671	4543569	4633567	4551269	1.73	cps
Lead	208-1	20458470	20451078	20496964	20468837	0.12	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-01A Instrumnet Name : P8
 Client Sample ID : SS013-05-5007-122320A Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:42:50 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1423010	1451427	1444991	1439809	1.03	cps
Magnesium	24-2	7584828	7751403	7697276	7677836	1.11	cps
Manganese	55-2	2429469	2434966	2495961	2453465	1.50	cps
Molybdenum	94-1	3128267	3171891	3115111	3138423	0.95	cps
Molybdenum	95-1	3826530	3913185	3866074	3868596	1.12	cps
Molybdenum	96-1	4188331	4261123	4173958	4207804	1.11	cps
Molybdenum	97-1	2370775	2392793	2365591	2376386	0.61	cps
Molybdenum	98-1	6045329	6186656	6179509	6137164	1.30	cps
Neodymium	150-1	173	107	127	136	25.24	cps
Neodymium	150-2	27	13	23	21	32.88	cps
Nickel	60-2	224364	228486	229502	227450	1.20	cps
Phosphorus	31-2	125	125	175	142	20.38	cps
Potassium	39-2	1582780	1626484	1628304	1612523	1.60	cps
Rhodium	103-1	3653658	3695792	3775824	3708425	1.67	cps
Rhodium	103-2	1730319	1795798	1771321	1765813	1.87	cps
Scandium	45-1	2666251	2782166	2820980	2756466	2.92	cps
Scandium	45-2	115748	118268	117475	117164	1.10	cps
Selenium	82-1	25436	25042	25475	25317	0.95	cps
Selenium	77-2	960	993	863	939	7.19	cps
Selenium	78-2	2905	2902	3165	2990	5.05	cps
Silicon	28-1	14342076	14457057	14397037	14398723	0.40	cps
Silver	109-1	1437364	1385902	1349146	1390804	3.19	cps
Silver	107-1	1346537	1707319	1646537	1566798	12.33	cps
Sodium	23-2	22681068	23203360	23237270	23040566	1.35	cps
Strontium	86-1	944550	967345	968664	960186	1.41	cps
Strontium	88-1	8020476	8059862	8033079	8037806	0.25	cps
Sulfur	34-1	705243	702847	698948	702346	0.45	cps
Terbium	159-1	4027491	4125190	4098275	4083652	1.24	cps
Terbium	159-2	1947812	1964400	1959389	1957200	0.43	cps
Thallium	203-1	866054	869319	870072	868482	0.25	cps
Thallium	205-1	2071028	2081050	2095032	2082370	0.58	cps
Tin	118-1	1090283	1108996	1106924	1102068	0.93	cps
Titanium	47-1	1105654	1138948	1128494	1124366	1.51	cps
Uranium	238-1	2441484	2455165	2398814	2431821	1.21	cps
Vanadium	51-2	405345	416817	415568	412576	1.53	cps
Yttrium	89-1	7545544	7600117	7697875	7614512	1.01	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-01A	Instrumnet Name :	P8
Client Sample ID :	SS013-05-5007-122320A	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:42:50	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	913122	945734	935267	931374	1.79	cps
Zinc	66-2	793859	813612	815034	807502	1.47	cps
Zirconium	90-1	2651137	2617524	2637733	2635464	0.64	cps
Zirconium	91-1	584607	586074	590698	587126	0.54	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : L5219-02 Instrumnet Name : P8
 Client Sample ID : SS013-13-6523-122320 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:45:40 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5649	5493	5600	5581	1.43	cps
Antimony	121-1	1217	1142	1025	1128	8.56	cps
Arsenic	75-2	78	91	66	78	15.96	cps
Barium	135-1	6460	6435	6335	6410	1.03	cps
Barium	137-1	11080	10955	11122	11052	0.79	cps
Beryllium	9-1	578	484	474	512	11.21	cps
Bismuth	209-1	2186233	2113104	1848091	2049142	8.68	cps
Bismuth	209-2	1267353	1259257	1255502	1260704	0.48	cps
Boron	10-1	7358	7036	6840	7078	3.70	cps
Boron	11-1	34748	33018	32451	33406	3.58	cps
Bromine	81-1	20957	21518	22722	21732	4.15	cps
Cadmium	111-1	1337	1416	1219	1324	7.46	cps
Cadmium	106-1	1758	1900	1633	1764	7.56	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	186642	189359	191625	189209	1.32	cps
Calcium	44-1	3270319	3218800	3295431	3261517	1.20	cps
Chromium	52-2	1257	1333	1307	1299	3.00	cps
Cobalt	59-2	593	657	690	647	7.59	cps
Copper	63-2	4307	4471	4124	4301	4.03	cps
Dysprosium	156-1	425	433	383	414	6.47	cps
Dysprosium	156-2	133	170	147	150	12.37	cps
Erbium	164-1	292	208	342	281	24.01	cps
Erbium	164-2	123	150	160	144	13.12	cps
Gadolinium	160-1	383	350	333	356	7.16	cps
Gadolinium	160-2	197	190	193	193	1.72	cps
Holmium	165-1	3976008	3893019	3361697	3743575	8.90	cps
Holmium	165-2	1901277	1931581	1931248	1921369	0.91	cps
Indium	115-1	4113470	3951000	3438350	3834273	9.19	cps
Indium	115-2	674441	670116	670437	671665	0.36	cps
Iron	54-2	28579	28067	27488	28044	1.95	cps
Iron	56-2	501268	503462	498871	501200	0.46	cps
Iron	57-2	12495	12650	12672	12606	0.77	cps
Krypton	83-1	1797	1860	1830	1829	1.73	cps
Lead	206-1	3245	2845	2850	2980	7.70	cps
Lead	207-1	2667	2539	2500	2569	3.40	cps
Lead	208-1	12686	11119	11052	11619	7.96	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-02	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6523-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:45:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1504176	1475811	1320133	1433374	6.91	cps
Magnesium	24-2	315214	317951	316541	316569	0.43	cps
Manganese	55-2	172900	175098	171235	173077	1.12	cps
Molybdenum	94-1	1217	1100	1258	1192	6.89	cps
Molybdenum	95-1	1925	1292	1283	1500	24.54	cps
Molybdenum	96-1	1792	1342	1500	1545	14.78	cps
Molybdenum	97-1	900	842	717	819	11.43	cps
Molybdenum	98-1	2659	2042	1975	2225	16.93	cps
Neodymium	150-1	467	607	767	613	24.48	cps
Neodymium	150-2	177	220	300	232	26.94	cps
Nickel	60-2	670	577	560	602	9.84	cps
Phosphorus	31-2	233	225	225	228	2.11	cps
Potassium	39-2	138932	139637	139031	139200	0.27	cps
Rhodium	103-1	3971803	3817925	3457511	3749080	7.04	cps
Rhodium	103-2	1831713	1809739	1790258	1810570	1.15	cps
Scandium	45-1	2932010	2711389	2465071	2702823	8.64	cps
Scandium	45-2	113947	115177	112825	113983	1.03	cps
Selenium	82-1	-19	-3	14	-3	-650.51	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	38	58	62	53	24.42	cps
Silicon	28-1	13249991	13313875	13327985	13297284	0.31	cps
Silver	109-1	1642	1475	1267	1461	12.86	cps
Silver	107-1	1834	1292	1250	1458	22.32	cps
Sodium	23-2	4750825	4784877	4708741	4748148	0.80	cps
Strontium	86-1	115636	116971	117929	116845	0.99	cps
Strontium	88-1	976621	975759	988431	980271	0.72	cps
Sulfur	34-1	688746	681796	695221	688588	0.98	cps
Terbium	159-1	4294227	4198987	3651469	4048227	8.57	cps
Terbium	159-2	1949302	1935408	1923002	1935904	0.68	cps
Thallium	203-1	1175	1050	750	992	22.03	cps
Thallium	205-1	2709	2109	1942	2253	17.90	cps
Tin	118-1	600	475	367	481	24.30	cps
Titanium	47-1	5268	5335	13181	7928	57.39	cps
Uranium	238-1	1000	658	792	817	21.09	cps
Vanadium	51-2	957	857	803	872	8.93	cps
Yttrium	89-1	8059854	7815206	6880381	7585147	8.21	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-02	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6523-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:45:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	920703	929526	920585	923605	0.56	cps
Zinc	66-2	680	643	630	651	3.98	cps
Zirconium	90-1	1092	800	833	908	17.58	cps
Zirconium	91-1	250	175	217	214	17.57	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:57:01	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1112682	1123141	1107919	1114581	0.70	cps
Antimony	121-1	1556983	1608765	1596793	1587514	1.71	cps
Arsenic	75-2	60363	60386	60514	60421	0.13	cps
Barium	135-1	1621406	1653170	1681987	1652188	1.83	cps
Barium	137-1	2778065	2809277	2845935	2811092	1.21	cps
Beryllium	9-1	396763	406136	409542	404147	1.64	cps
Bismuth	209-1	2005565	2048194	2093378	2049046	2.14	cps
Bismuth	209-2	1168292	1179215	1175063	1174190	0.47	cps
Boron	10-1	28424	32090	33764	31426	8.69	cps
Boron	11-1	135505	154799	166257	152187	10.21	cps
Bromine	81-1	4175	4005	4085	4088	2.08	cps
Cadmium	111-1	345216	353337	349993	349515	1.17	cps
Cadmium	106-1	38588	38847	39557	38997	1.29	cps
Cadmium	108-1	25870	26133	26396	26133	1.01	cps
Calcium	43-1	1974993	2052767	1983710	2003824	2.13	cps
Calcium	44-1	33203067	34294636	34172624	33890109	1.76	cps
Chromium	52-2	475906	480624	475478	477336	0.60	cps
Cobalt	59-2	797234	804069	793954	798419	0.65	cps
Copper	63-2	5659451	5600736	5514911	5591699	1.30	cps
Dysprosium	156-1	258	225	267	250	8.82	cps
Dysprosium	156-2	117	127	133	126	6.68	cps
Erbium	164-1	92	50	67	69	30.20	cps
Erbium	164-2	23	23	47	31	43.32	cps
Gadolinium	160-1	333	383	317	344	10.07	cps
Gadolinium	160-2	170	203	177	183	9.62	cps
Holmium	165-1	3696897	3742966	3847358	3762407	2.05	cps
Holmium	165-2	1853489	1871124	1850865	1858492	0.59	cps
Indium	115-1	3726584	3790770	3833270	3783541	1.42	cps
Indium	115-2	624628	627150	622104	624627	0.40	cps
Iron	54-2	4955888	4938466	4940056	4944804	0.19	cps
Iron	56-2	88474999	87980824	88404019	88286614	0.30	cps
Iron	57-2	2297632	2273297	2276846	2282592	0.58	cps
Krypton	83-1	1677	1860	1970	1836	8.07	cps
Lead	206-1	3785447	3962555	3893756	3880586	2.30	cps
Lead	207-1	3426940	3559057	3516625	3500874	1.93	cps
Lead	208-1	15293304	15819597	15701148	15604683	1.77	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCV34 Instrumnet Name : P8
 Client Sample ID : CCV34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 16:57:01 DataFile Name : 046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1387091	1402522	1425010	1404874	1.36	cps
Magnesium	24-2	16445206	16416398	16106670	16322758	1.15	cps
Manganese	55-2	2378175	2386428	2355455	2373352	0.68	cps
Molybdenum	94-1	3086777	3244957	3226821	3186185	2.72	cps
Molybdenum	95-1	3813624	3893397	3909585	3872202	1.33	cps
Molybdenum	96-1	4261987	4315797	4223398	4267061	1.09	cps
Molybdenum	97-1	2329654	2419385	2406434	2385157	2.03	cps
Molybdenum	98-1	6000597	6188136	6125570	6104768	1.56	cps
Neodymium	150-1	153	100	107	120	24.22	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	210305	212705	211260	211423	0.57	cps
Phosphorus	31-2	16234	15926	15242	15801	3.21	cps
Potassium	39-2	6954842	6874850	6870159	6899950	0.69	cps
Rhodium	103-1	3586757	3609421	3671009	3622396	1.20	cps
Rhodium	103-2	1685525	1680436	1638136	1668032	1.56	cps
Scandium	45-1	2694562	2774611	2759362	2742845	1.55	cps
Scandium	45-2	110669	112395	109718	110927	1.22	cps
Selenium	82-1	25609	25745	25841	25732	0.45	cps
Selenium	77-2	840	880	897	872	3.34	cps
Selenium	78-2	2947	2843	2895	2895	1.80	cps
Silicon	28-1	2606058	2785396	2869417	2753623	4.89	cps
Silver	109-1	1660455	1682598	1676000	1673018	0.68	cps
Silver	107-1	1722931	1781879	1768745	1757852	1.76	cps
Sodium	23-2	31847424	31938292	32003541	31929752	0.25	cps
Strontium	86-1	513772	535738	533536	527682	2.29	cps
Strontium	88-1	4376240	4560748	4415968	4450985	2.18	cps
Sulfur	34-1	732628	737790	738721	736380	0.45	cps
Terbium	159-1	4017045	4131964	4176081	4108364	2.00	cps
Terbium	159-2	1865180	1849153	1819412	1844582	1.26	cps
Thallium	203-1	880799	903961	900090	894950	1.39	cps
Thallium	205-1	2121769	2185099	2145364	2150744	1.49	cps
Tin	118-1	1092711	1132376	1147923	1124337	2.53	cps
Titanium	47-1	1128263	1191049	1175358	1164890	2.81	cps
Uranium	238-1	2476334	2490782	2548058	2505058	1.51	cps
Vanadium	51-2	402549	402980	401371	402300	0.21	cps
Yttrium	89-1	7408643	7649784	7565538	7541322	1.62	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 16:57:01	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	886239	888558	872458	882418	0.99	cps
Zinc	66-2	786311	785310	781000	784207	0.36	cps
Zirconium	90-1	2689150	2746131	2736152	2723811	1.12	cps
Zirconium	91-1	597117	607199	619253	607856	1.82	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 17:07:14 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	410	404	420	411	1.99	cps
Antimony	121-1	125	142	150	139	9.17	cps
Arsenic	75-2	9	5	13	9	44.44	cps
Barium	135-1	50	58	33	47	26.96	cps
Barium	137-1	100	100	125	108	13.32	cps
Beryllium	9-1	220	200	236	219	8.25	cps
Bismuth	209-1	2035359	2022647	2005411	2021139	0.74	cps
Bismuth	209-2	1187951	1176939	1153726	1172872	1.49	cps
Boron	10-1	1108	1078	1166	1117	4.00	cps
Boron	11-1	5490	5480	5532	5501	0.50	cps
Bromine	81-1	3564	3644	3935	3714	5.25	cps
Cadmium	111-1	1072	1076	1145	1098	3.72	cps
Cadmium	106-1	1533	1542	1642	1572	3.83	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	266	265	250	260	3.47	cps
Calcium	44-1	15109	15453	15275	15279	1.13	cps
Chromium	52-2	630	543	633	602	8.47	cps
Cobalt	59-2	100	77	60	79	25.47	cps
Copper	63-2	1063	1073	1123	1087	2.96	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	17	3	3	8	99.04	cps
Holmium	165-1	3607063	3624406	3613536	3615002	0.24	cps
Holmium	165-2	1812897	1732872	1727173	1757647	2.73	cps
Indium	115-1	3635791	3759535	3726007	3707111	1.73	cps
Indium	115-2	620134	618670	608794	615866	1.00	cps
Iron	54-2	506	467	561	511	9.29	cps
Iron	56-2	4523	4440	4312	4425	2.40	cps
Iron	57-2	161	111	117	130	21.14	cps
Krypton	83-1	1760	1797	1837	1798	2.13	cps
Lead	206-1	622	700	561	628	11.09	cps
Lead	207-1	606	483	517	535	11.81	cps
Lead	208-1	2734	2695	2433	2621	6.23	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 17:07:14 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1400479	1396159	1367201	1387946	1.30	cps
Magnesium	24-2	1300	1092	1167	1186	8.90	cps
Manganese	55-2	177	177	210	188	10.25	cps
Molybdenum	94-1	200	175	125	167	22.92	cps
Molybdenum	95-1	58	133	25	72	76.83	cps
Molybdenum	96-1	133	100	108	114	15.23	cps
Molybdenum	97-1	67	42	42	50	28.87	cps
Molybdenum	98-1	125	167	117	136	19.68	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	137	150	110	132	15.40	cps
Phosphorus	31-2	233	175	150	186	22.98	cps
Potassium	39-2	31093	31376	31193	31220	0.46	cps
Rhodium	103-1	3670118	3689185	3673178	3677494	0.28	cps
Rhodium	103-2	1672972	1661783	1673225	1669327	0.39	cps
Scandium	45-1	2563551	2527671	2650864	2580695	2.46	cps
Scandium	45-2	105873	105946	103378	105066	1.39	cps
Selenium	82-1	75	-23	-28	8	724.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	51	55	45	50	10.01	cps
Silicon	28-1	1405148	1407253	1411255	1407886	0.22	cps
Silver	109-1	275	167	117	186	43.49	cps
Silver	107-1	275	200	150	208	30.20	cps
Sodium	23-2	38894	38961	39078	38978	0.24	cps
Strontium	86-1	3084	3200	2875	3053	5.39	cps
Strontium	88-1	225	208	125	186	28.79	cps
Sulfur	34-1	585580	586543	585680	585934	0.09	cps
Terbium	159-1	3888187	3982874	3961983	3944348	1.26	cps
Terbium	159-2	1803226	1758770	1760690	1774229	1.42	cps
Thallium	203-1	225	233	125	194	31.01	cps
Thallium	205-1	475	408	508	464	10.98	cps
Tin	118-1	217	217	208	214	2.25	cps
Titanium	47-1	292	358	342	331	10.50	cps
Uranium	238-1	83	50	25	53	55.46	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	7346924	7356345	7278076	7327115	0.58	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:07:14	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	856624	842698	843212	847512	0.93	cps
Zinc	66-2	193	170	193	186	7.26	cps
Zirconium	90-1	383	442	292	372	20.31	cps
Zirconium	91-1	100	75	58	78	26.96	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389	410	371	390	4.98	cps
Antimony	121-1	58810	59806	59263	59293	0.84	cps
Arsenic	75-2	1312	1229	1268	1270	3.27	cps
Barium	135-1	31162	31654	30159	30992	2.46	cps
Barium	137-1	51858	52344	53205	52469	1.30	cps
Beryllium	9-1	3316	3264	3178	3252	2.14	cps
Bismuth	209-1	2017901	2051328	2088243	2052491	1.71	cps
Bismuth	209-2	1183058	1183669	1201831	1189519	0.90	cps
Boron	10-1	840	826	834	833	0.84	cps
Boron	11-1	3976	4006	3794	3925	2.92	cps
Bromine	81-1	3434	3875	3544	3618	6.34	cps
Cadmium	111-1	5676	5962	6051	5896	3.32	cps
Cadmium	106-1	2109	2084	2192	2128	2.67	cps
Cadmium	108-1	304	342	317	321	5.95	cps
Calcium	43-1	5768	5725	5679	5724	0.78	cps
Calcium	44-1	109194	110527	110800	110173	0.78	cps
Chromium	52-2	570	560	537	556	3.08	cps
Cobalt	59-2	77	90	93	87	10.17	cps
Copper	63-2	13416	12856	13874	13382	3.81	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	3671379	3699433	3701365	3690726	0.45	cps
Holmium	165-2	1846164	1792204	1838333	1825567	1.60	cps
Indium	115-1	3802756	3767567	3842092	3804139	0.98	cps
Indium	115-2	623697	616273	622877	620949	0.66	cps
Iron	54-2	511	472	528	504	5.66	cps
Iron	56-2	4484	4851	4706	4680	3.95	cps
Iron	57-2	172	139	133	148	14.20	cps
Krypton	83-1	1917	1797	1963	1892	4.54	cps
Lead	206-1	8620	8831	8998	8816	2.15	cps
Lead	207-1	7424	7919	7886	7743	3.57	cps
Lead	208-1	33896	35002	36209	35036	3.30	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1404553	1393887	1406875	1401772	0.49	cps
Magnesium	24-2	1042	917	1075	1011	8.26	cps
Manganese	55-2	6508	6705	6512	6575	1.71	cps
Molybdenum	94-1	92	92	142	108	26.65	cps
Molybdenum	95-1	92	50	33	58	51.51	cps
Molybdenum	96-1	100	100	117	106	9.12	cps
Molybdenum	97-1	33	17	33	28	34.63	cps
Molybdenum	98-1	108	75	67	83	26.46	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2894	2980	2927	2934	1.49	cps
Phosphorus	31-2	217	167	200	194	13.09	cps
Potassium	39-2	55432	53525	56193	55050	2.50	cps
Rhodium	103-1	3712000	3707057	3708823	3709293	0.07	cps
Rhodium	103-2	1681345	1689104	1695723	1688724	0.43	cps
Scandium	45-1	2676975	2688045	2712274	2692431	0.67	cps
Scandium	45-2	108707	105329	109305	107780	1.99	cps
Selenium	82-1	1145	1290	1155	1197	6.75	cps
Selenium	77-2	33	63	60	52	31.49	cps
Selenium	78-2	181	186	212	193	8.62	cps
Silicon	28-1	1398034	1430652	1449239	1425975	1.82	cps
Silver	109-1	34477	34260	35029	34589	1.15	cps
Silver	107-1	36407	37134	37126	36889	1.13	cps
Sodium	23-2	131615	129227	131153	130665	0.97	cps
Strontium	86-1	2942	2750	3242	2978	8.32	cps
Strontium	88-1	542	450	367	453	19.33	cps
Sulfur	34-1	595863	590536	592411	592936	0.46	cps
Terbium	159-1	3948436	4066635	4070022	4028364	1.72	cps
Terbium	159-2	1797611	1783083	1871973	1817556	2.62	cps
Thallium	203-1	8311	8661	8720	8564	2.58	cps
Thallium	205-1	20008	20759	20375	20380	1.84	cps
Tin	118-1	300	225	1203	576	94.51	cps
Titanium	47-1	308	375	325	336	10.32	cps
Uranium	238-1	0	0	33	11	173.21	cps
Vanadium	51-2	27	13	7	16	65.47	cps
Yttrium	89-1	7480513	7355110	7461445	7432356	0.91	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5150-20	Instrumnet Name :	P8
Client Sample ID :	MGB225	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:12:53	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	855535	848062	862237	855278	0.83	cps
Zinc	66-2	3330	3270	3247	3283	1.31	cps
Zirconium	90-1	292	275	367	311	15.69	cps
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-03	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6512-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:18:46	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1237	1194	1324	1252	5.29	cps
Antimony	121-1	275	525	308	369	36.74	cps
Arsenic	75-2	4987	4754	4823	4855	2.47	cps
Barium	135-1	17537	17520	17520	17526	0.06	cps
Barium	137-1	29316	30635	30184	30045	2.23	cps
Beryllium	9-1	200	192	184	192	4.16	cps
Bismuth	209-1	2101820	2131089	2144441	2125783	1.03	cps
Bismuth	209-2	1255672	1268796	1259604	1261357	0.53	cps
Boron	10-1	2454	2650	2892	2665	8.23	cps
Boron	11-1	11714	13103	14152	12990	9.41	cps
Bromine	81-1	19614	24617	29381	24537	19.90	cps
Cadmium	111-1	1109	1208	1276	1198	7.03	cps
Cadmium	106-1	1567	1725	1800	1697	7.02	cps
Cadmium	108-1	13	29	13	18	53.30	cps
Calcium	43-1	633791	646137	651297	643741	1.40	cps
Calcium	44-1	10984395	11093866	11120217	11066159	0.65	cps
Chromium	52-2	710	860	800	790	9.56	cps
Cobalt	59-2	10037	9723	9990	9917	1.71	cps
Copper	63-2	1087	1110	1120	1106	1.55	cps
Dysprosium	156-1	142	92	183	139	33.05	cps
Dysprosium	156-2	57	93	70	73	25.30	cps
Erbium	164-1	150	142	242	178	31.21	cps
Erbium	164-2	127	77	73	92	32.40	cps
Gadolinium	160-1	142	192	133	156	20.28	cps
Gadolinium	160-2	53	50	60	54	9.35	cps
Holmium	165-1	3893410	3832179	3847092	3857560	0.83	cps
Holmium	165-2	1958887	1962123	1952505	1957838	0.25	cps
Indium	115-1	3935914	3906916	3937611	3926814	0.44	cps
Indium	115-2	664932	668850	665179	666320	0.33	cps
Iron	54-2	1177384	1183993	1187287	1182888	0.43	cps
Iron	56-2	21272375	21761232	21672255	21568621	1.21	cps
Iron	57-2	527903	532478	535817	532066	0.75	cps
Krypton	83-1	1827	1783	1850	1820	1.86	cps
Lead	206-1	961	906	861	909	5.51	cps
Lead	207-1	850	911	717	826	12.04	cps
Lead	208-1	3684	3795	3489	3656	4.23	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-03	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6512-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:18:46	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1466025	1451321	1459012	1458786	0.50	cps
Magnesium	24-2	1735723	1753975	1764142	1751280	0.82	cps
Manganese	55-2	4320052	4281107	4278475	4293211	0.54	cps
Molybdenum	94-1	2759	3250	3275	3095	9.42	cps
Molybdenum	95-1	4793	4534	4793	4706	3.17	cps
Molybdenum	96-1	5151	4909	5368	5143	4.46	cps
Molybdenum	97-1	3000	2684	2625	2770	7.29	cps
Molybdenum	98-1	7928	7494	7427	7616	3.57	cps
Neodymium	150-1	107	47	127	93	44.61	cps
Neodymium	150-2	40	60	23	41	44.66	cps
Nickel	60-2	7599	7759	7769	7709	1.24	cps
Phosphorus	31-2	158	325	217	233	36.24	cps
Potassium	39-2	154226	154815	154925	154655	0.24	cps
Rhodium	103-1	3839363	3769822	3743173	3784119	1.31	cps
Rhodium	103-2	1798603	1802172	1782707	1794494	0.58	cps
Scandium	45-1	2785778	2762877	2783066	2777240	0.45	cps
Scandium	45-2	114464	115910	114814	115063	0.66	cps
Selenium	82-1	-6	104	-35	21	347.74	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	51	60	64	58	11.41	cps
Silicon	28-1	24394242	24694646	24534192	24541027	0.61	cps
Silver	109-1	75	58	42	58	28.57	cps
Silver	107-1	42	75	108	75	44.44	cps
Sodium	23-2	6062694	6157006	6092169	6103956	0.79	cps
Strontium	86-1	468838	467104	476579	470840	1.07	cps
Strontium	88-1	4025968	4013884	4037451	4025768	0.29	cps
Sulfur	34-1	588867	593148	595768	592594	0.59	cps
Terbium	159-1	4115208	4131750	4182962	4143307	0.85	cps
Terbium	159-2	1957775	1916982	1931442	1935400	1.07	cps
Thallium	203-1	167	117	125	136	19.68	cps
Thallium	205-1	267	217	242	242	10.35	cps
Tin	118-1	275	267	317	286	9.36	cps
Titanium	47-1	942	983	708	878	16.89	cps
Uranium	238-1	692	658	767	706	7.86	cps
Vanadium	51-2	143	137	123	134	7.57	cps
Yttrium	89-1	7800539	7709391	7767439	7759123	0.59	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	L5219-03	Instrumnet Name :	P8
Client Sample ID :	SS013-13-6512-122320	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:18:46	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	923371	923933	925090	924131	0.09	cps
Zinc	66-2	543	537	587	556	4.89	cps
Zirconium	90-1	483	550	608	547	11.43	cps
Zirconium	91-1	200	175	217	197	10.63	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:22:41	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1102270	1109429	1110246	1107315	0.40	cps
Antimony	121-1	1508468	1550681	1574460	1544536	2.16	cps
Arsenic	75-2	59781	59827	60101	59903	0.29	cps
Barium	135-1	1557915	1627394	1626567	1603959	2.49	cps
Barium	137-1	2722607	2776267	2813152	2770675	1.64	cps
Beryllium	9-1	393330	402684	408802	401605	1.94	cps
Bismuth	209-1	2095233	2031609	2025486	2050776	1.88	cps
Bismuth	209-2	1183245	1196103	1190123	1189824	0.54	cps
Boron	10-1	27440	30900	34048	30796	10.73	cps
Boron	11-1	132677	149924	162722	148441	10.16	cps
Bromine	81-1	6919	6208	6048	6391	7.26	cps
Cadmium	111-1	339473	346886	349600	345320	1.52	cps
Cadmium	106-1	37251	38312	38204	37922	1.54	cps
Cadmium	108-1	24610	25277	25227	25038	1.49	cps
Calcium	43-1	1906769	1998230	1990887	1965295	2.59	cps
Calcium	44-1	32730386	33604056	33855487	33396643	1.77	cps
Chromium	52-2	472312	470263	472763	471780	0.28	cps
Cobalt	59-2	797516	795365	796907	796596	0.14	cps
Copper	63-2	5578307	5518323	5584840	5560490	0.66	cps
Dysprosium	156-1	308	275	300	294	5.89	cps
Dysprosium	156-2	180	177	137	164	14.66	cps
Erbium	164-1	117	42	92	83	45.82	cps
Erbium	164-2	40	20	23	28	38.58	cps
Gadolinium	160-1	325	317	317	319	1.51	cps
Gadolinium	160-2	180	163	213	186	13.72	cps
Holmium	165-1	3800810	3769228	3797671	3789236	0.46	cps
Holmium	165-2	1852526	1866671	1829103	1849433	1.03	cps
Indium	115-1	3783093	3815729	3789658	3796160	0.45	cps
Indium	115-2	625479	626285	628371	626712	0.24	cps
Iron	54-2	4875471	4872339	4864328	4870713	0.12	cps
Iron	56-2	87687913	87062746	86759430	87170030	0.54	cps
Iron	57-2	2233116	2238521	2205791	2225809	0.79	cps
Krypton	83-1	1907	1900	1867	1891	1.13	cps
Lead	206-1	3761091	3802911	3867031	3810345	1.40	cps
Lead	207-1	3372148	3397025	3418621	3395931	0.68	cps
Lead	208-1	15125240	15226512	15333391	15228381	0.68	cps

LB Number : LB112585 Operator : Jaswal
 Lab Sample ID : CCV35 Instrumnet Name : P8
 Client Sample ID : CCV35 Dilution Factor : 1
 Date & Time Acquired :: 2020-12-30 17:22:41 DataFile Name : 050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1420274	1394231	1461520	1425342	2.38	cps
Magnesium	24-2	16445972	16348311	16518401	16437562	0.52	cps
Manganese	55-2	2339618	2329637	2331801	2333685	0.23	cps
Molybdenum	94-1	3052861	3140125	3230584	3141190	2.83	cps
Molybdenum	95-1	3731860	3837316	3887646	3818940	2.08	cps
Molybdenum	96-1	4026341	4174854	4345871	4182355	3.82	cps
Molybdenum	97-1	2304865	2350699	2418342	2357969	2.42	cps
Molybdenum	98-1	5787400	5979430	6038617	5935149	2.21	cps
Neodymium	150-1	40	87	100	76	41.70	cps
Neodymium	150-2	0	20	20	13	86.60	cps
Nickel	60-2	208235	210845	210004	209695	0.64	cps
Phosphorus	31-2	15767	15851	15976	15865	0.66	cps
Potassium	39-2	6770729	6890146	6824341	6828405	0.88	cps
Rhodium	103-1	3708755	3623444	3705023	3679074	1.31	cps
Rhodium	103-2	1680003	1665360	1682997	1676120	0.56	cps
Scandium	45-1	2763486	2703667	2750133	2739095	1.15	cps
Scandium	45-2	110437	108449	110880	109922	1.18	cps
Selenium	82-1	24982	25361	25505	25283	1.07	cps
Selenium	77-2	767	843	833	814	5.12	cps
Selenium	78-2	2875	2917	2911	2901	0.78	cps
Silicon	28-1	2557026	2686927	2880386	2708113	6.01	cps
Silver	109-1	1618064	1662730	1673130	1651308	1.77	cps
Silver	107-1	1717090	1765368	1723060	1735173	1.52	cps
Sodium	23-2	31674699	31875225	31998457	31849460	0.51	cps
Strontium	86-1	511662	522631	525124	519806	1.38	cps
Strontium	88-1	4345981	4343269	4452398	4380550	1.42	cps
Sulfur	34-1	736197	738744	740750	738564	0.31	cps
Terbium	159-1	4150110	4122624	4219290	4164008	1.20	cps
Terbium	159-2	1847255	1885001	1866608	1866288	1.01	cps
Thallium	203-1	865114	875427	894146	878229	1.68	cps
Thallium	205-1	2088566	2073777	2121492	2094612	1.17	cps
Tin	118-1	1082878	1097160	1126042	1102027	2.00	cps
Titanium	47-1	1119204	1161090	1169988	1150094	2.36	cps
Uranium	238-1	2424953	2456146	2502981	2461360	1.60	cps
Vanadium	51-2	399081	402361	400302	400581	0.41	cps
Yttrium	89-1	7830895	7676826	7637294	7715005	1.33	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:22:41	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	879627	871669	890898	880731	1.10	cps
Zinc	66-2	779087	774088	779292	777489	0.38	cps
Zirconium	90-1	2633175	2757367	2675432	2688658	2.35	cps
Zirconium	91-1	579427	604254	601735	595139	2.30	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359	371	400	377	5.62	cps
Antimony	121-1	83	75	100	86	14.78	cps
Arsenic	75-2	6	8	9	8	19.92	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	75	42	33	50	44.10	cps
Beryllium	9-1	182	196	168	182	7.69	cps
Bismuth	209-1	1970614	2004018	1945504	1973379	1.49	cps
Bismuth	209-2	1027455	1079152	1166836	1091148	6.46	cps
Boron	10-1	728	722	694	715	2.54	cps
Boron	11-1	3312	3522	3536	3456	3.63	cps
Bromine	81-1	3955	3814	3814	3861	2.10	cps
Cadmium	111-1	871	1046	942	953	9.23	cps
Cadmium	106-1	1242	1475	1358	1358	8.59	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	252	231	234	239	4.86	cps
Calcium	44-1	14561	14976	14648	14728	1.49	cps
Chromium	52-2	553	637	607	599	7.05	cps
Cobalt	59-2	50	53	80	61	26.91	cps
Copper	63-2	880	873	860	871	1.17	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	58	17	17	31	78.72	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	3593498	3609670	3476055	3559741	2.05	cps
Holmium	165-2	1547101	1624865	1767758	1646575	6.80	cps
Indium	115-1	3604774	3701839	3548407	3618340	2.14	cps
Indium	115-2	540184	561220	609971	570458	6.28	cps
Iron	54-2	411	511	433	452	11.62	cps
Iron	56-2	4012	3717	3856	3862	3.82	cps
Iron	57-2	211	122	106	146	38.79	cps
Krypton	83-1	1850	1833	1883	1856	1.37	cps
Lead	206-1	572	561	556	563	1.51	cps
Lead	207-1	561	478	539	526	8.21	cps
Lead	208-1	2372	2350	2233	2319	3.22	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1371560	1390988	1341098	1367882	1.84	cps
Magnesium	24-2	1217	900	1008	1042	15.45	cps
Manganese	55-2	193	197	163	184	9.95	cps
Molybdenum	94-1	133	58	142	111	41.31	cps
Molybdenum	95-1	75	25	33	44	60.28	cps
Molybdenum	96-1	125	42	67	78	54.98	cps
Molybdenum	97-1	50	33	17	33	50.00	cps
Molybdenum	98-1	92	58	67	72	24.02	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	183	150	156	16.37	cps
Phosphorus	31-2	167	158	100	142	25.64	cps
Potassium	39-2	31393	30424	30567	30795	1.70	cps
Rhodium	103-1	3515081	3622065	3525337	3554161	1.66	cps
Rhodium	103-2	1469971	1536633	1640283	1548962	5.54	cps
Scandium	45-1	2600580	2599403	2526301	2575428	1.65	cps
Scandium	45-2	93282	96093	103409	97594	5.36	cps
Selenium	82-1	-88	-19	-90	-65	-62.09	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	55	42	57	51	15.88	cps
Silicon	28-1	1434901	1454832	1421433	1437055	1.17	cps
Silver	109-1	83	58	100	81	26.04	cps
Silver	107-1	142	100	58	100	41.66	cps
Sodium	23-2	36914	36847	36471	36744	0.65	cps
Strontium	86-1	2667	3059	2892	2873	6.84	cps
Strontium	88-1	217	192	258	222	15.16	cps
Sulfur	34-1	592530	585607	592329	590155	0.67	cps
Terbium	159-1	3861788	3904800	3826958	3864515	1.01	cps
Terbium	159-2	1549043	1663987	1751560	1654864	6.14	cps
Thallium	203-1	217	142	142	167	25.98	cps
Thallium	205-1	258	325	308	297	11.67	cps
Tin	118-1	225	192	167	194	15.05	cps
Titanium	47-1	267	467	283	339	32.75	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	7117527	7192060	7095210	7134932	0.71	cps

LB Number :	LB112585	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2020-12-30 17:35:49	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740924	774443	837831	784399	6.27	cps
Zinc	66-2	140	177	170	162	12.04	cps
Zirconium	90-1	283	258	225	256	11.45	cps
Zirconium	91-1	58	58	58	58	0.01	cps