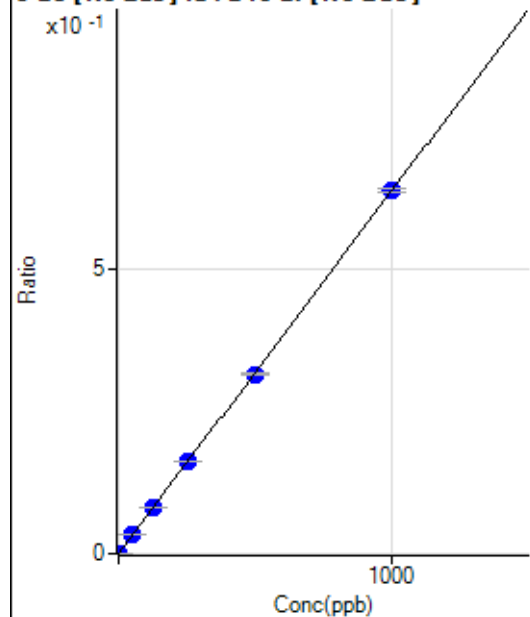


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092221MS.b\
Analysis File: P7092221MS.batch.bin
DA Date-Time: 2021-09-22 15:38:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-09-22 08:23:49
2	004CALS.d	S02	2021-09-22 08:30:02
3	005CALS.d	S03	2021-09-22 08:33:07
4	006CALS.d	S04	2021-09-22 08:36:13
5	007CALS.d	S05	2021-09-22 08:39:16
6	008CALS.d	S06	2021-09-22 08:42:18
7	009CALS.d	S07	2021-09-22 08:45:15
8	010CALS.d	S08	2021-09-22 08:48:13

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	17.5
2	☐	1.000	1.030	1755.69	0.0007	P	9.8
3	☐	50.000	52.175	87397.68	0.0332	P	0.7
4	☐	125.000	129.112	211302.13	0.0820	P	0.7
5	☐	250.000	254.674	396246.04	0.1617	P	0.9
6	☐	500.000	495.420	713292.62	0.3146	P	2.0
7	☐	1000.000	1000.499	1351437.53	0.6353	P	1.1
8	☐			214.82	0.0001	P	21.1

$$y = 6.3498\text{E-}004 * x + 2.1614\text{E-}005$$

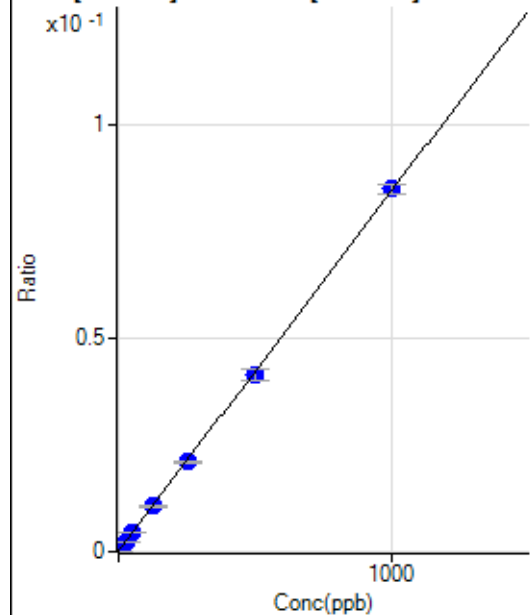
$$R = 1.0000$$

$$DL = 0.01783$$

$$BEC = 0.03404$$

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	375.01	0.0001	P	17.7
2	☐	25.000	24.118	5667.87	0.0022	P	5.7
3	☐	50.000	50.055	11524.06	0.0044	P	2.7
4	☐	125.000	125.639	27703.61	0.0108	P	3.5
5	☐	250.000	247.194	51476.81	0.0210	P	2.4
6	☐	500.000	489.180	93901.46	0.0414	P	5.9
7	☐	1000.000	1006.051	180952.10	0.0851	P	2.6
8	☐			6526.59	0.0031	P	15.2

$$y = 8.4415\text{E-}005 * x + 1.4589\text{E-}004$$

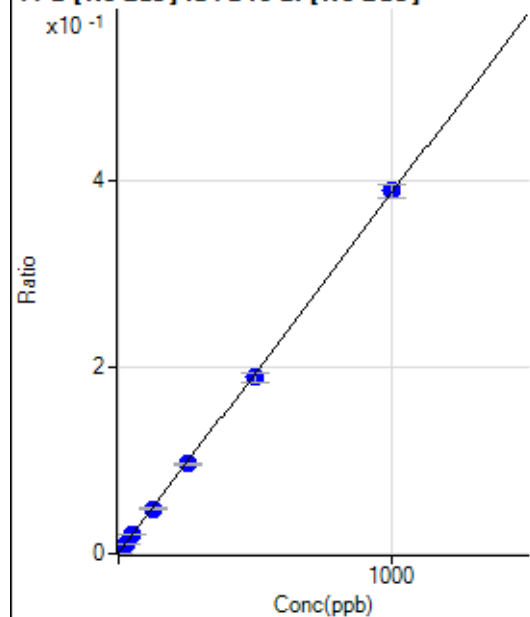
$$R = 0.9999$$

$$DL = 0.9202$$

$$BEC = 1.728$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1761.26	0.0007	P	5.1
2	☐	25.000	24.383	26248.33	0.0101	P	2.8
3	☐	50.000	51.302	54063.83	0.0205	P	4.9
4	☐	125.000	123.300	124519.55	0.0483	P	3.4
5	☐	250.000	247.436	235896.92	0.0963	P	1.8
6	☐	500.000	488.796	429556.23	0.1895	P	5.1
7	☐	1000.000	1006.406	828551.69	0.3895	P	3.4
8	☐			30175.30	0.0142	P	12.2

$$y = 3.8638E-004 * x + 6.8508E-004$$

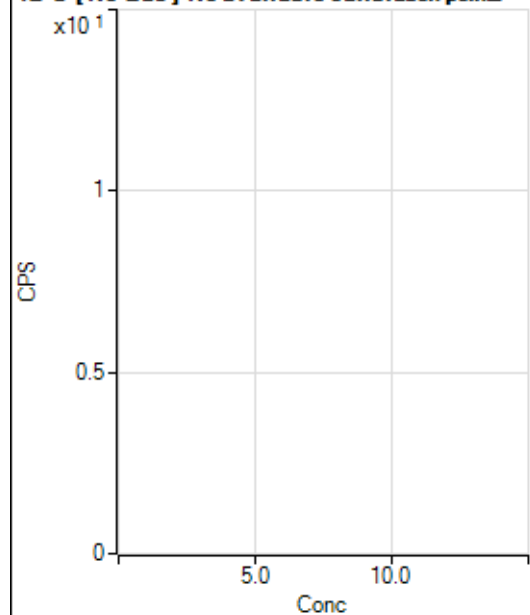
$$R = 0.9999$$

$$DL = 0.2705$$

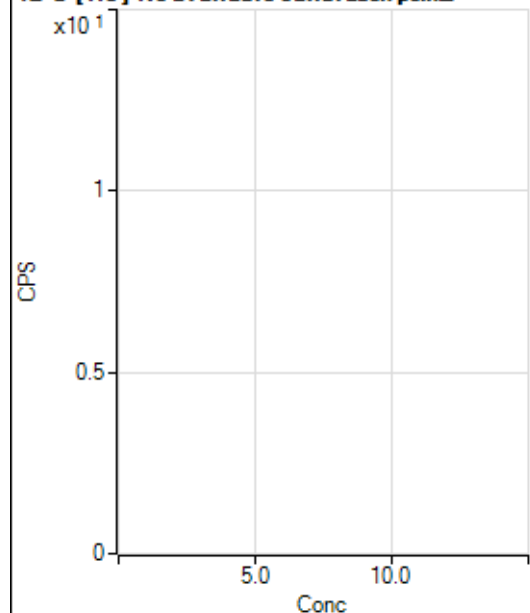
$$BEC = 1.773$$

Weight: <None>

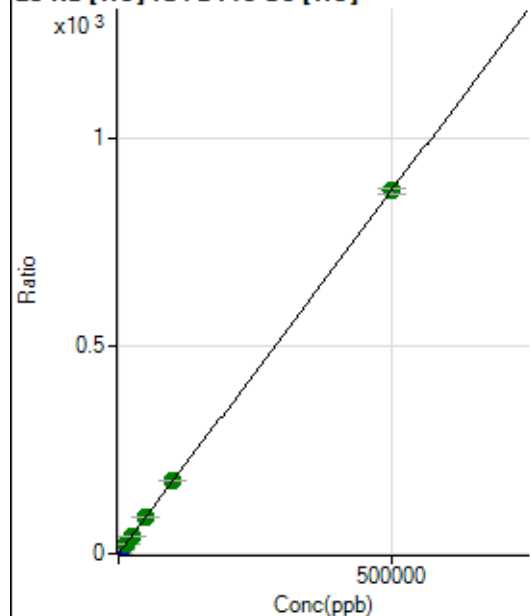
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9959.12	0.0317	P	2.6
2	☐	500.000	486.156	277610.92	0.8797	P	0.1
3	☐	5000.000	4991.265	2705310.00	8.7378	P	1.4
4	☐	12500.000	12507.716	6601629.01	21.8485	A	0.2
5	☐	25000.000	24892.119	12067239.94	43.4503	A	0.9
6	☐	50000.000	49678.259	22445797.03	86.6840	A	0.7
7	☐	100000.00	100838.92	43726191.95	175.9220	A	0.7
8	☐	500000.00	499869.69	246123183.2	871.9391	A	1.3

$$y = 0.0017 * x + 0.0317$$

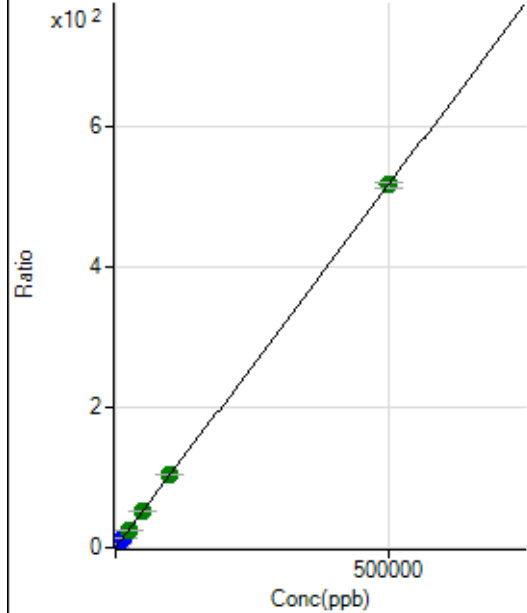
$$R = 1.0000$$

$$DL = 1.396$$

$$BEC = 18.18$$

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	175.00	0.0006	P	17.5
2	☐	500.000	481.534	157401.22	0.4988	P	0.5
3	☐	5000.000	5035.730	1613371.62	5.2108	P	0.9
4	☐	12500.000	12392.525	3874370.87	12.8226	P	0.5
5	☐	25000.000	24792.077	7124146.69	25.6520	A	0.6
6	☐	50000.000	49675.260	13308653.77	51.3977	A	0.9
7	☐	100000.00	100420.80	25826373.66	103.9023	A	0.6
8	☐	500000.00	499961.05	146023058.8	517.2919	A	1.4

$$y = 0.0010 * x + 5.5737E-004$$

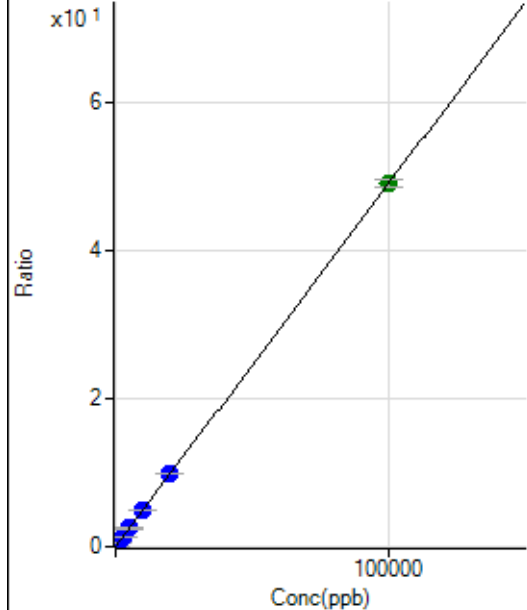
$$R = 1.0000$$

$$DL = 0.2826$$

$$BEC = 0.5387$$

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	75.00	0.0002	P	48.6
2	☐	20.000	20.968	3314.35	0.0105	P	1.4
3	☐	1000.000	1029.628	156114.04	0.5042	P	1.6
4	☐	2500.000	2535.143	375034.41	1.2412	P	0.3
5	☐	5000.000	5045.928	686055.51	2.4702	P	1.0
6	☐	10000.000	9986.785	1265904.79	4.8888	P	0.4
7	☐	20000.000	20139.451	2450495.26	9.8585	P	0.2
8	☐	100000.00	99969.960	13813377.74	48.9356	A	2.2

$$y = 4.8950E-004 * x + 2.3896E-004$$

$$R = 1.0000$$

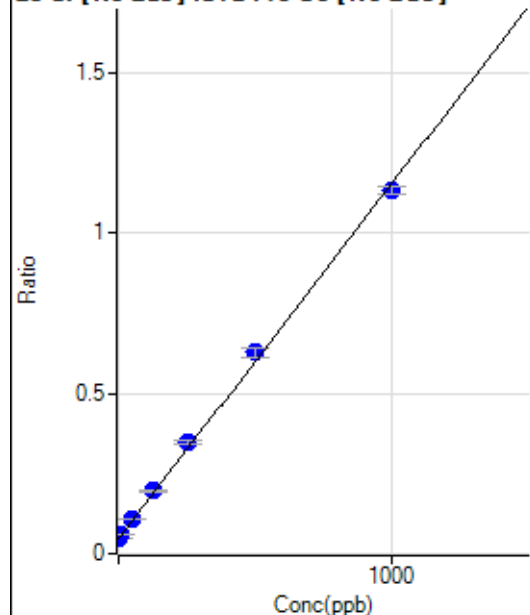
$$DL = 0.7119$$

$$BEC = 0.4882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186101.45	0.0469	P	0.2
2	☐	10.000	10.546	228503.35	0.0586	P	1.2
3	☐	50.000	55.204	429994.35	0.1079	P	1.3
4	☐	125.000	134.166	757333.96	0.1952	P	1.1
5	☐	250.000	273.455	1267522.70	0.3492	P	2.7
6	☐	500.000	524.385	2112232.06	0.6266	P	4.7
7	☐	1000.000	980.532	3615649.00	1.1309	P	2.1
8	☐			280497.04	0.0853	P	3.1

$$y = 0.0011 * x + 0.0469$$

R = 0.9992

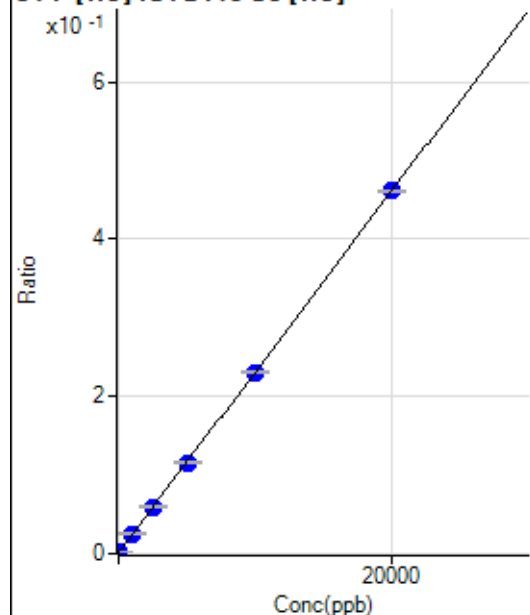
DL = 0.3121

BEC = 42.42

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-3.634	511.13	0.0016	P	7.2
2	☐	0.000	3.634	566.70	0.0018	P	20.3
3	☐	1000.000	1014.391	7738.29	0.0250	P	5.9
4	☐	2500.000	2532.404	18086.40	0.0599	P	3.2
5	☐	5000.000	4969.440	32162.95	0.1158	P	1.9
6	☐	10000.000	9980.522	59783.76	0.2309	P	1.5
7	☐	20000.000	20012.609	114636.85	0.4612	P	0.6
8	☐			494.47	0.0018	P	16.9

$$y = 2.2959E-005 * x + 0.0017$$

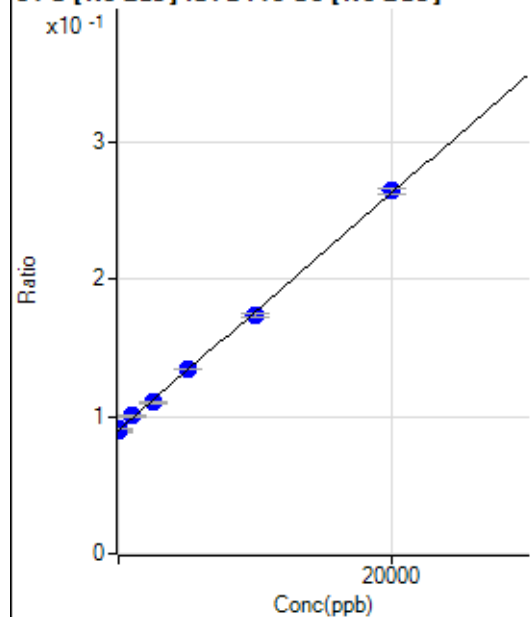
R = 1.0000

DL = 31.46

BEC = 74.53

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	-125.450	353767.35	0.0891	P	0.9
2	☐	0.000	125.450	356334.61	0.0913	P	1.1
3	☐	1000.000	1176.240	400025.81	0.1004	P	0.6
4	☐	2500.000	2326.687	428073.33	0.1103	P	0.6
5	☐	5000.000	5078.468	487015.34	0.1341	P	0.3
6	☐	10000.000	9661.326	586004.92	0.1738	P	1.1
7	☐	20000.000	20162.572	845868.15	0.2646	P	1.4
8	☐			281924.53	0.0858	P	0.8

$$y = 8.6465E-006 * x + 0.0902$$

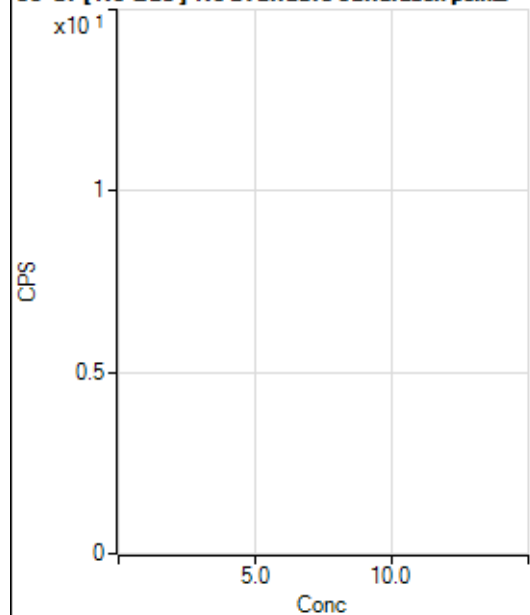
$$R = 0.9996$$

$$DL = 311$$

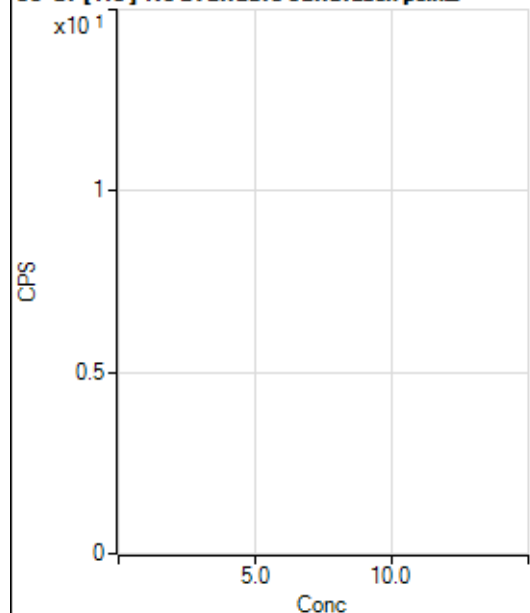
$$BEC = 1.043E+04$$

Weight: <None>

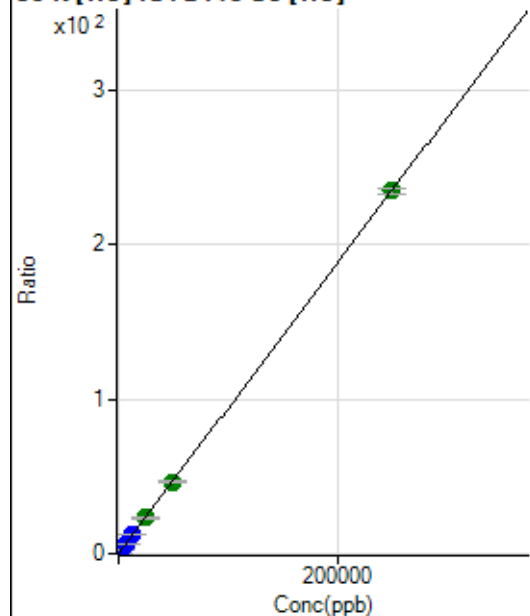
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36439.86	0.1160	P	0.9
2	☐	500.000	502.440	185521.04	0.5879	P	0.4
3	☐	2500.000	2658.038	808885.35	2.6124	P	0.5
4	☐	6250.000	6544.296	1892195.46	6.2623	P	0.3
5	☐	12500.000	12859.995	3386459.19	12.1939	P	0.3
6	☐	25000.000	24425.204	5970161.90	23.0558	A	0.3
7	☐	50000.000	49454.911	11574245.22	46.5633	A	1.0
8	☐	250000.00	250139.55	66346286.90	235.0431	A	1.3

$$y = 9.3918\text{E-}004 * x + 0.1160$$

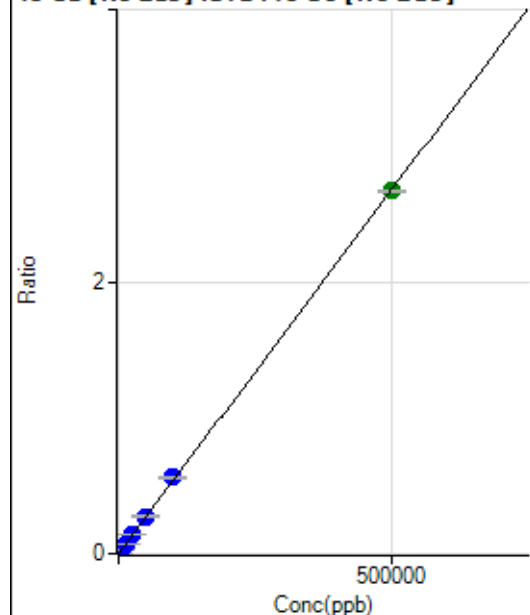
$$R = 1.0000$$

$$DL = 3.314$$

$$BEC = 123.5$$

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	69.45	0.0000	P	27.4
2	☐	500.000	510.269	10715.29	0.0027	P	3.4
3	☐	5000.000	5357.896	114232.00	0.0287	P	1.0
4	☐	12500.000	13199.012	273892.73	0.0706	P	1.0
5	☐	25000.000	26157.141	507892.04	0.1399	P	0.6
6	☐	50000.000	51323.162	925616.89	0.2745	P	1.5
7	☐	100000.00	104873.46	1793148.74	0.5608	P	1.4
8	☐	500000.00	498814.06	8766409.05	2.6675	A	0.8

$$y = 5.3476\text{E-}006 * x + 1.7490\text{E-}005$$

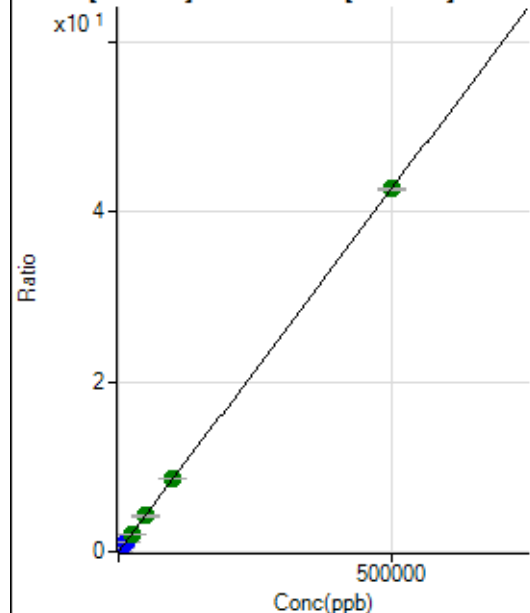
$$R = 0.9999$$

$$DL = 2.69$$

$$BEC = 3.271$$

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	4442.45	0.0011	P	4.2
2	☐	500.000	509.458	174017.99	0.0446	P	0.5
3	☐	5000.000	5293.563	1804102.28	0.4528	P	0.1
4	☐	12500.000	13076.082	4332597.75	1.1168	P	0.4
5	☐	25000.000	25016.129	7754100.78	2.1356	A	1.0
6	☐	50000.000	49214.120	14162649.28	4.2002	A	2.3
7	☐	100000.00	100322.53	27371272.14	8.5609	A	1.5
8	☐	500000.00	499995.92	140200148.9	42.6621	A	0.7

$$y = 8.5323\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

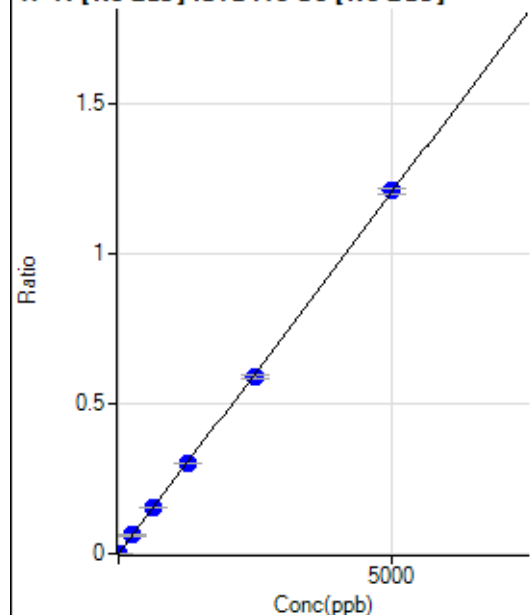
$$DL = 1.646$$

$$BEC = 13.12$$

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	38.89	0.0000	P	44.8
2	☐	5.000	4.967	4703.66	0.0012	P	4.5
3	☐	250.000	253.413	243118.00	0.0610	P	0.5
4	☐	625.000	628.309	586847.29	0.1513	P	0.3
5	☐	1250.000	1254.136	1096199.91	0.3019	P	0.2
6	☐	2500.000	2446.486	1986171.03	0.5890	P	1.6
7	☐	5000.000	5025.139	3867920.96	1.2098	P	1.5
8	☐			850.05	0.0003	P	4.4

$$y = 2.4074\text{E-}004 * x + 9.8047\text{E-}006$$

$$R = 0.9999$$

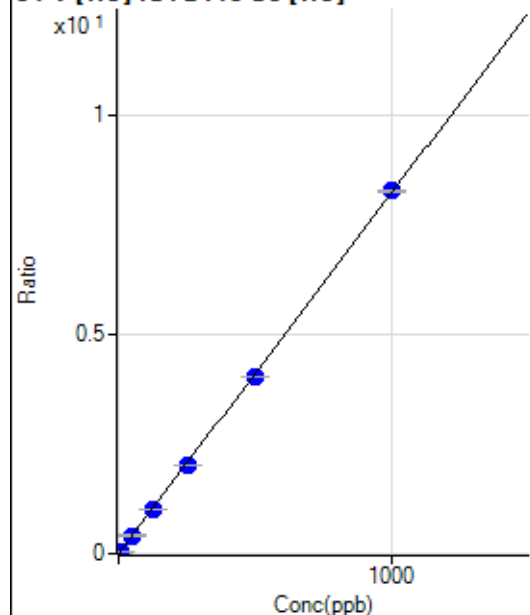
$$DL = 0.05471$$

$$BEC = 0.04073$$

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	4.45	0.0000	P	86.6
2	☐	5.000	5.050	13118.15	0.0416	P	1.8
3	☐	50.000	50.591	128919.20	0.4164	P	0.7
4	☐	125.000	124.503	309608.81	1.0247	P	0.5
5	☐	250.000	245.989	562242.92	2.0245	P	0.4
6	☐	500.000	490.680	1045663.56	4.0383	P	0.7
7	☐	1000.000	1005.695	2057312.31	8.2768	P	0.3
8	☐			300.01	0.0011	P	9.9

$$y = 0.0082 * x + 1.4108\text{E-}005$$

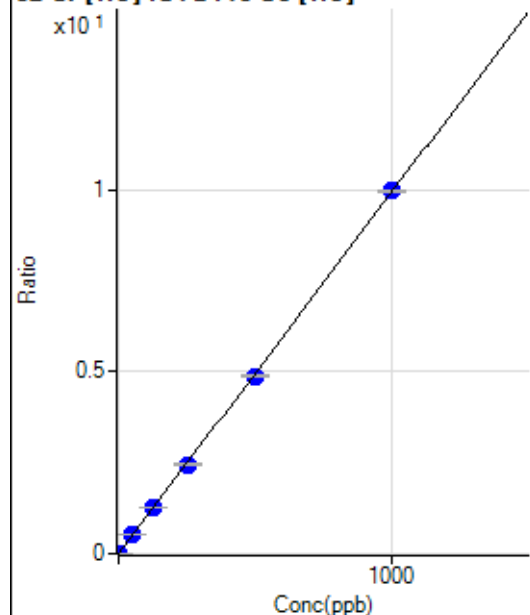
$$R = 0.9999$$

$$DL = 0.004454$$

$$BEC = 0.001714$$

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	884.48	0.0028	P	6.1
2	☐	2.000	2.005	7158.47	0.0227	P	1.4
3	☐	50.000	50.924	157114.06	0.5074	P	0.6
4	☐	125.000	125.700	377218.16	1.2484	P	0.7
5	☐	250.000	247.342	681451.52	2.4538	P	0.1
6	☐	500.000	491.628	1262175.59	4.8745	P	0.8
7	☐	1000.000	1004.717	2475400.07	9.9588	P	0.3
8	☐			9405.29	0.0333	P	1.6

$$y = 0.0099 * x + 0.0028$$

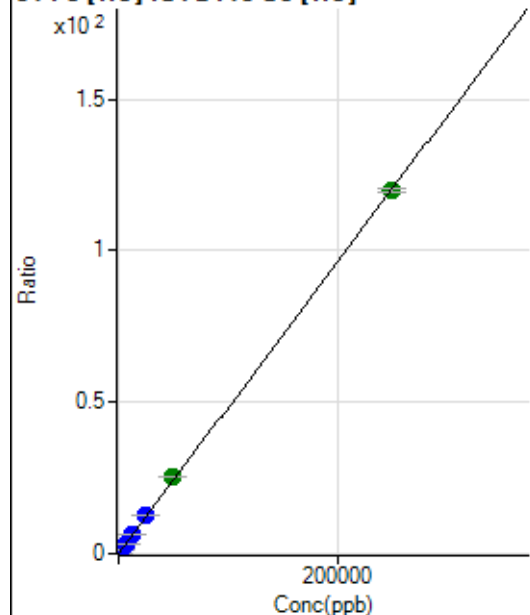
$$R = 0.9999$$

$$DL = 0.05215$$

$$BEC = 0.2842$$

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	947.68	0.0030	P	17.8
2	☐	50.000	54.005	9138.91	0.0290	P	0.6
3	☐	2500.000	2711.048	404172.94	1.3053	P	0.7
4	☐	6250.000	6693.457	972444.62	3.2184	P	0.3
5	☐	12500.000	13263.412	1770295.01	6.3744	P	0.2
6	☐	25000.000	26491.760	3296075.83	12.7290	P	0.5
7	☐	50000.000	52805.018	6305632.49	25.3692	A	0.8
8	☐	250000.00	249238.45	33797188.08	119.7308	A	1.2

$$y = 4.8037E-004 * x + 0.0030$$

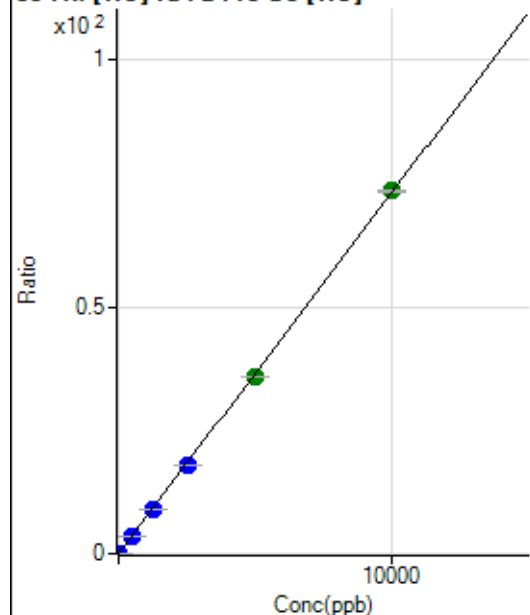
$$R = 0.9999$$

$$DL = 3.357$$

$$BEC = 6.282$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0002	P	21.8
2	☐	1.000	0.995	2346.88	0.0074	P	2.3
3	☐	500.000	496.357	1122968.88	3.6271	P	1.3
4	☐	1250.000	1225.428	2705599.09	8.9544	P	0.5
5	☐	2500.000	2452.849	4977562.29	17.9232	P	0.1
6	☐	5000.000	4917.059	9303755.90	35.9292	A	0.2
7	☐	10000.000	10056.512	18265815.56	73.4833	A	0.8
8	☐			18321.48	0.0649	P	1.7

$$y = 0.0073 * x + 1.6963E-004$$

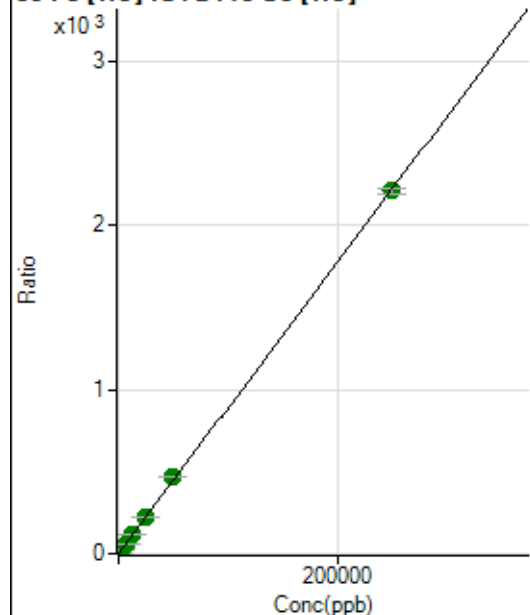
$$R = 0.9999$$

$$DL = 0.01521$$

$$BEC = 0.02322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4332.18	0.0138	P	7.1
2	☐	50.000	52.578	151406.92	0.4798	P	1.3
3	☐	2500.000	2604.183	7150076.09	23.0958	A	2.3
4	☐	6250.000	6476.262	17347979.32	57.4156	A	0.7
5	☐	12500.000	12800.318	31511205.79	113.4684	A	0.4
6	☐	25000.000	25672.597	58925558.72	227.5608	A	0.5
7	☐	50000.000	52529.070	115734121.1	465.6009	A	0.2
8	☐	250000.00	249405.21	623980058.3	2,210.596	A	1.4

$$y = 0.0089 * x + 0.0138$$

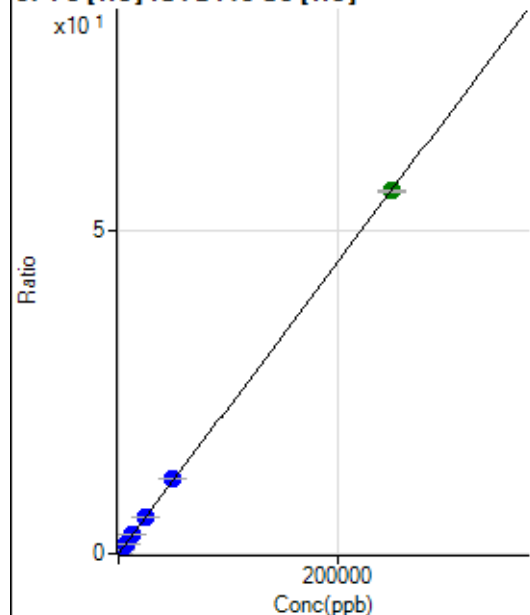
$$R = 0.9999$$

$$DL = 0.3301$$

$$BEC = 1.556$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.30	0.0005	P	19.6
2	☐	50.000	52.396	3870.95	0.0123	P	5.5
3	☐	2500.000	2586.275	180551.11	0.5832	P	1.6
4	☐	6250.000	6376.766	434236.62	1.4372	P	1.0
5	☐	12500.000	12728.160	796503.29	2.8681	P	0.6
6	☐	25000.000	25424.248	1483358.67	5.7286	P	0.5
7	☐	50000.000	51645.825	2892310.77	11.6363	P	0.6
8	☐	250000.00	249612.97	15874655.68	56.2383	A	0.9

$$y = 2.2530E-004 * x + 4.6610E-004$$

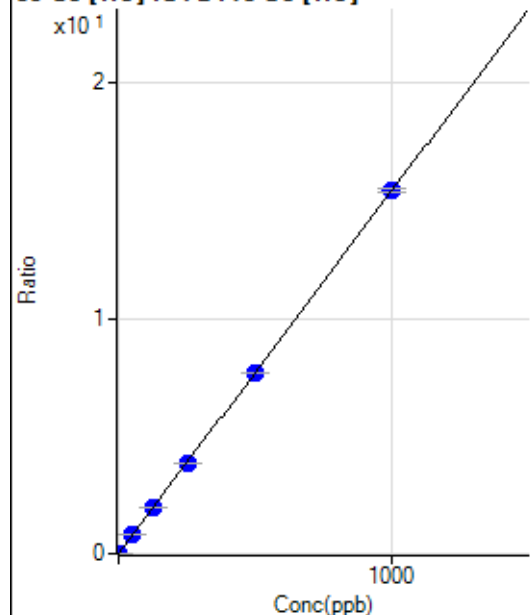
$$R = 1.0000$$

$$DL = 1.216$$

$$BEC = 2.069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0002	P	39.3
2	☐	1.000	1.031	5057.59	0.0160	P	4.2
3	☐	50.000	51.570	245877.47	0.7942	P	1.5
4	☐	125.000	126.773	589811.37	1.9521	P	0.8
5	☐	250.000	250.638	1071755.06	3.8592	P	0.2
6	☐	500.000	498.034	1985624.55	7.6683	P	0.7
7	☐	1000.000	1000.524	3828941.02	15.4051	P	0.9
8	☐			10999.75	0.0390	P	1.9

$$y = 0.0154 * x + 1.5197E-004$$

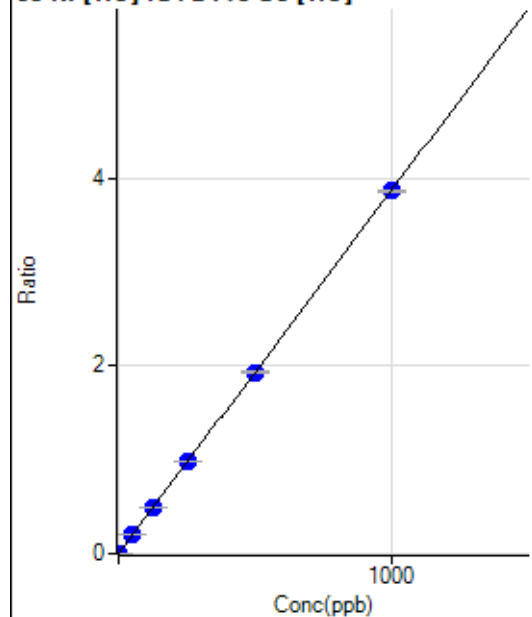
$$R = 1.0000$$

$$DL = 0.01164$$

$$BEC = 0.00987$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	321.12	0.0010	P	8.9
2	☐	1.000	1.005	1548.99	0.0049	P	3.7
3	☐	50.000	52.748	63498.75	0.2051	P	1.9
4	☐	125.000	128.324	150318.40	0.4975	P	1.1
5	☐	250.000	253.989	273180.64	0.9837	P	0.6
6	☐	500.000	499.742	500915.58	1.9345	P	0.6
7	☐	1000.000	998.579	960527.77	3.8645	P	0.7
8	☐			4492.95	0.0159	P	2.9

$$y = 0.0039 * x + 0.0010$$

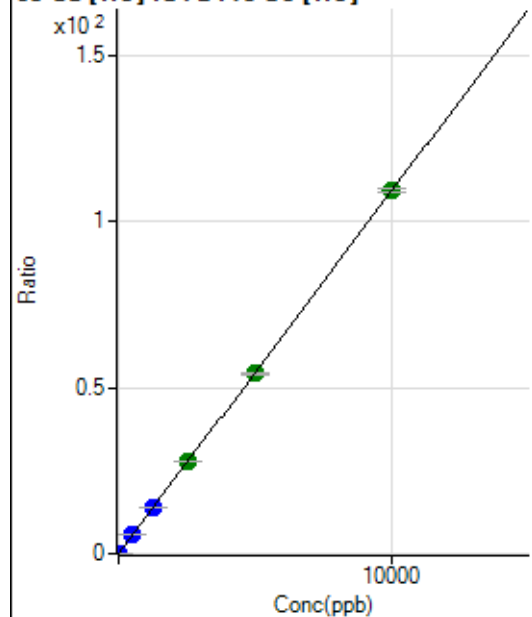
$$R = 1.0000$$

$$DL = 0.07069$$

$$BEC = 0.2643$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1075.61	0.0034	P	0.5
2	☐	2.000	1.923	7694.29	0.0244	P	2.4
3	☐	500.000	510.634	1724604.02	5.5702	P	1.0
4	☐	1250.000	1253.316	4129409.76	13.6666	P	0.5
5	☐	2500.000	2535.264	7676676.27	27.6419	A	1.2
6	☐	5000.000	4973.513	14040264.79	54.2227	A	0.9
7	☐	10000.000	10003.481	27106284.32	109.0574	A	0.9
8	☐			7852.17	0.0278	P	2.9

$$y = 0.0109 * x + 0.0034$$

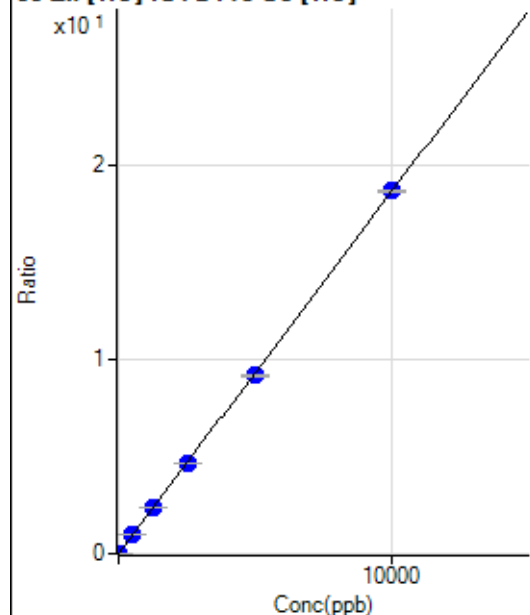
$$R = 1.0000$$

$$DL = 0.004868$$

$$BEC = 0.3141$$

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	343.34	0.0011	P	16.2
2	☐	2.000	2.403	1755.68	0.0056	P	2.7
3	☐	500.000	511.986	295300.63	0.9538	P	1.5
4	☐	1250.000	1255.412	706165.44	2.3372	P	0.7
5	☐	2500.000	2506.080	1295362.35	4.6644	P	0.5
6	☐	5000.000	4933.272	2377250.87	9.1809	P	1.0
7	☐	10000.000	10030.568	4639547.36	18.6659	P	0.6
8	☐			9186.30	0.0325	P	2.7

$$y = 0.0019 * x + 0.0011$$

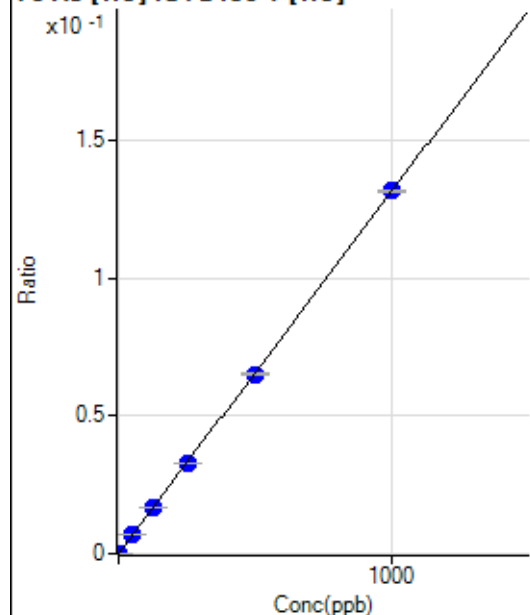
$$R = 1.0000$$

$$DL = 0.2861$$

$$BEC = 0.5876$$

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	4.32	0.0000	P	25.1
2	☐	1.000	1.032	351.24	0.0001	P	4.3
3	☐	50.000	51.049	16924.67	0.0067	P	0.6
4	☐	125.000	128.093	41597.39	0.0168	P	0.5
5	☐	250.000	250.383	75767.09	0.0329	P	0.6
6	☐	500.000	495.286	141041.99	0.0651	P	0.5
7	☐	1000.000	1001.822	275392.08	0.1317	P	0.4
8	☐			125.31	0.0001	P	12.5

$$y = 1.3144E-004 * x + 1.6970E-006$$

$$R = 1.0000$$

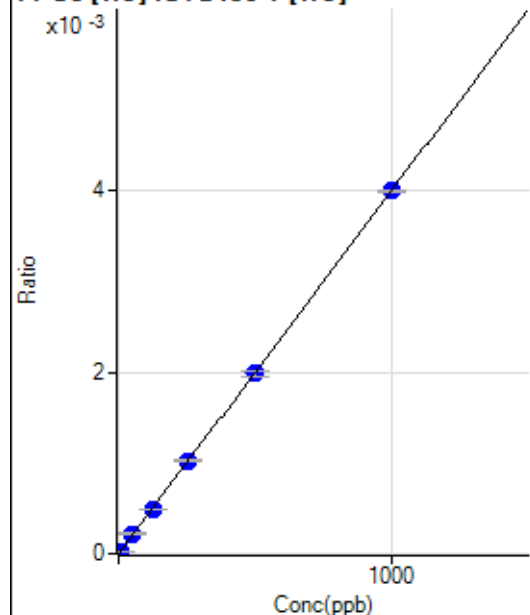
$$DL = 0.009705$$

$$BEC = 0.01291$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.218	53.33	0.0000	P	12.6
3	☐	50.000	53.447	538.91	0.0002	P	9.4
4	☐	125.000	122.168	1206.73	0.0005	P	2.1
5	☐	250.000	256.922	2364.66	0.0010	P	1.4
6	☐	500.000	497.152	4306.24	0.0020	P	3.6
7	☐	1000.000	999.874	8360.26	0.0040	P	0.7
8	☐			2.22	0.0000	P	173.2

$$y = 3.9980\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

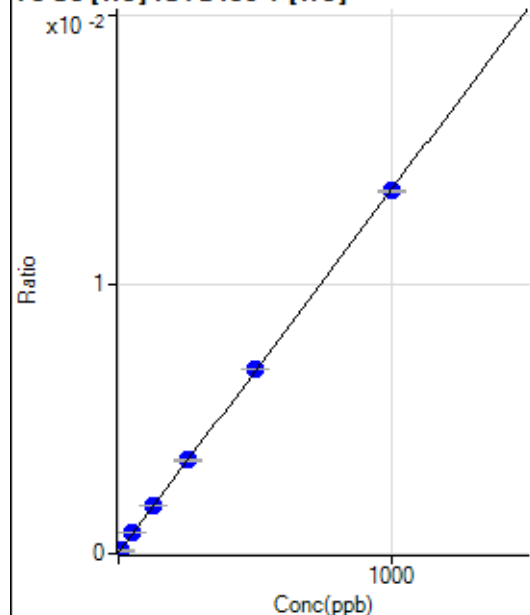
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.17	0.0000	P	23.9
2	☐	5.000	4.964	277.78	0.0001	P	9.0
3	☐	50.000	53.888	1937.79	0.0008	P	3.5
4	☐	125.000	129.691	4424.15	0.0018	P	1.0
5	☐	250.000	254.136	7986.79	0.0035	P	1.9
6	☐	500.000	503.377	14797.69	0.0068	P	0.1
7	☐	1000.000	996.497	28192.10	0.0135	P	0.7
8	☐			79.63	0.0000	P	24.1

$$y = 1.3486\text{E-}005 * x + 4.1706\text{E-}005$$

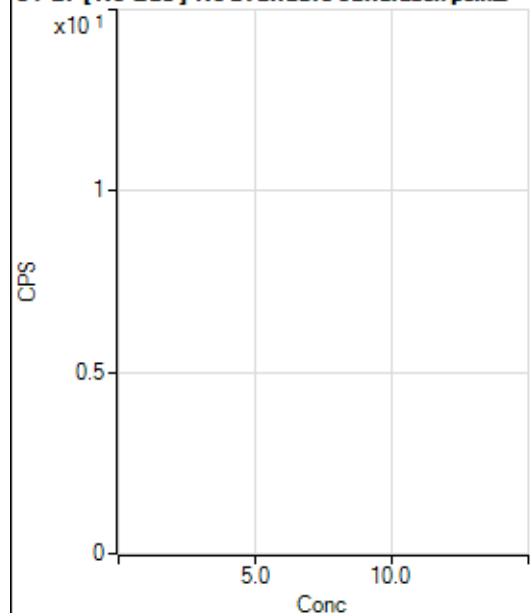
$$R = 1.0000$$

$$DL = 2.216$$

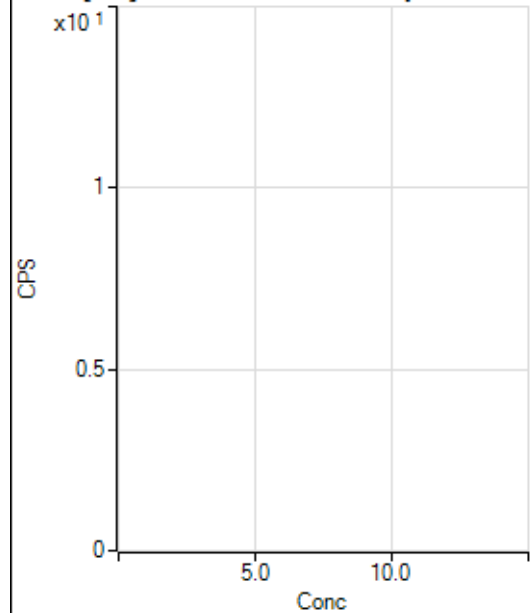
$$BEC = 3.093$$

Weight: <None>

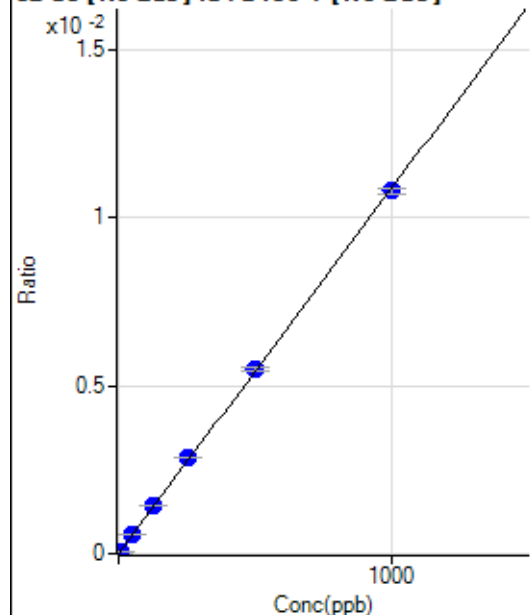
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7349.29		P	2.3
2	☐			7304.82		P	6.3
3	☐			7074.16		P	6.9
4	☐			6587.77		P	5.2
5	☐			6323.78		P	6.7
6	☐			5726.29		P	1.5
7	☐			5309.45		P	1.5
8	☐			5698.53		P	4.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.39		P	47.2
2	☐			53.39		P	21.7
3	☐			36.70		P	83.3
4	☐			56.72		P	20.4
5	☐			60.06		P	72.6
6	☐			13.35		P	114.6
7	☐			66.73		P	48.2
8	☐			80.08		P	33.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.15	0.0000	P	1315.
2	☐	5.000	5.276	645.96	0.0001	P	5.8
3	☐	50.000	53.616	6661.56	0.0006	P	1.8
4	☐	125.000	132.249	16121.86	0.0014	P	0.5
5	☐	250.000	262.277	30329.80	0.0028	P	0.6
6	☐	500.000	505.096	55421.68	0.0055	P	1.8
7	☐	1000.000	993.295	105950.12	0.0108	P	1.2
8	☐			4.93	0.0000	P	535.4

$$y = 1.0858E-005 * x + 9.7620E-008$$

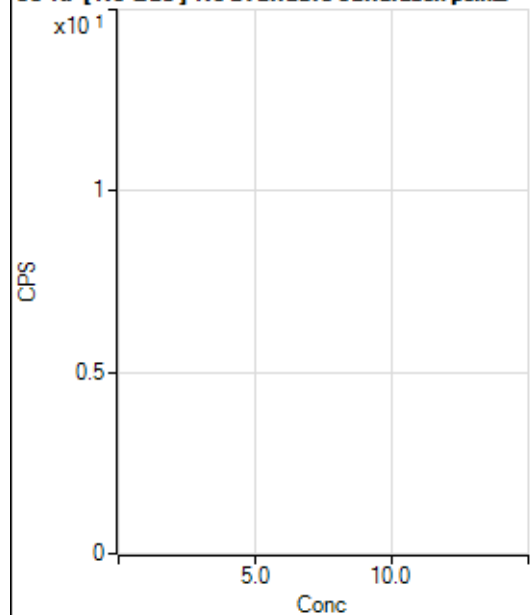
$$R = 0.9999$$

$$DL = 0.3548$$

$$BEC = 0.008991$$

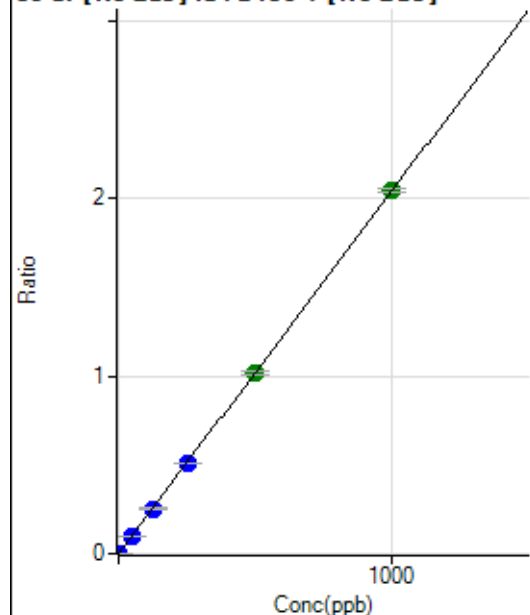
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			573.35		P	3.2
2	☐			557.80		P	1.8
3	☐			582.24		P	6.8
4	☐			511.12		P	4.3
5	☐			533.35		P	8.8
6	☐			505.57		P	8.2
7	☐			466.68		P	8.0
8	☐			488.90		P	6.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1016.73	0.0001	P	0.5
2	☐	1.000	0.098	3269.91	0.0003	P	3.7
3	☐	50.000	50.090	1168323.48	0.1021	P	0.4
4	☐	125.000	124.689	2852190.36	0.2540	P	0.3
5	☐	250.000	249.070	5403723.99	0.5074	P	0.7
6	☐	500.000	497.222	10233709.26	1.0128	A	2.4
7	☐	1000.000	1001.657	20042662.43	2.0402	A	0.9
8	☐			8866.84	0.0009	P	4.8

$$y = 0.0020 * x + 9.0025E-005$$

$$R = 1.0000$$

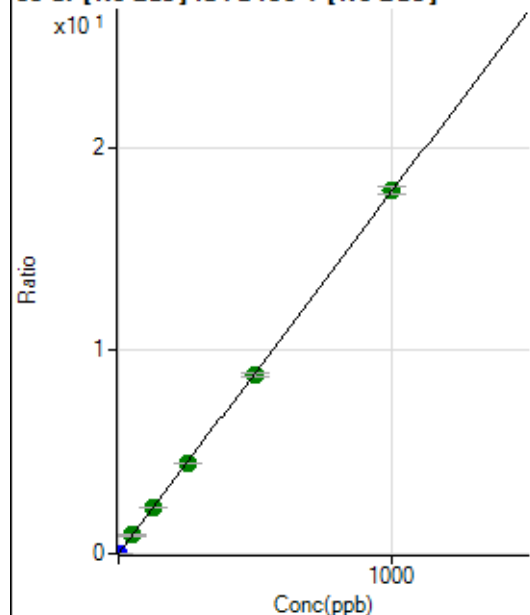
$$DL = 0.000704$$

$$BEC = 0.0442$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	22.0
2	☐	1.000	0.108	21647.33	0.0019	P	0.7
3	☐	50.000	50.541	10300381.83	0.9002	A	0.7
4	☐	125.000	125.795	25155485.98	2.2406	A	0.8
5	☐	250.000	251.313	47674538.91	4.4764	A	0.6
6	☐	500.000	492.929	88715911.70	8.7800	A	2.5
7	☐	1000.000	1003.082	175515071.9	17.8667	A	2.1
8	☐			69889.61	0.0071	P	0.7

$$y = 0.0178 * x + 7.1368E-006$$

$$R = 1.0000$$

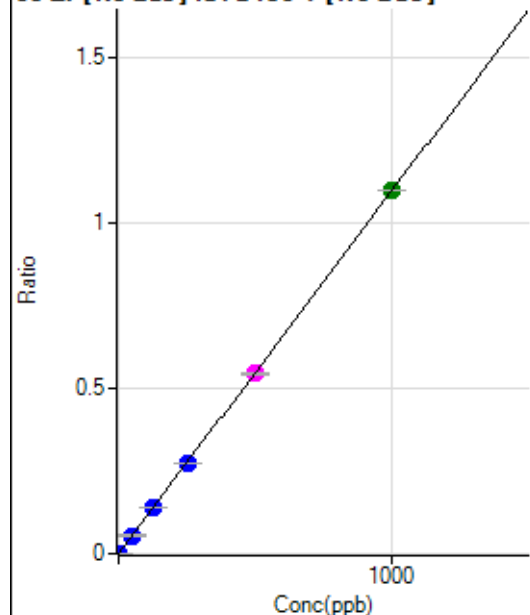
$$DL = 0.0002643$$

$$BEC = 0.0004007$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	597.25	0.0001	P	12.4
2	☐	1.000	0.922	11983.11	0.0011	P	4.2
3	☐	50.000	50.356	632613.02	0.0553	P	0.8
4	☐	125.000	125.467	1545699.18	0.1377	P	0.6
5	☐	250.000	250.827	2930944.10	0.2752	P	0.2
6	☐	500.000	497.004	5510156.89	0.5452	M	1.1
7	☐	1000.000	1001.215	10790055.36	1.0983	A	0.0
8	☐			3089.31	0.0003	P	6.9

$$y = 0.0011 * x + 5.2898E-005$$

$$R = 1.0000$$

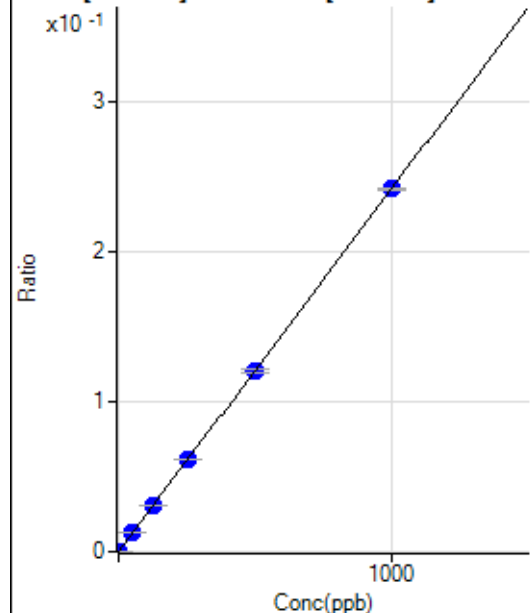
$$DL = 0.01798$$

$$BEC = 0.04822$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	13.1
2	☐	1.000	0.981	2794.79	0.0002	P	9.4
3	☐	50.000	51.044	141236.76	0.0123	P	1.3
4	☐	125.000	127.622	346292.53	0.0308	P	1.3
5	☐	250.000	255.068	656456.47	0.0616	P	0.6
6	☐	500.000	496.802	1213055.62	0.1200	P	1.8
7	☐	1000.000	999.952	2373548.21	0.2416	P	0.6
8	☐			694.48	0.0001	P	4.2

$$y = 2.4160E-004 * x + 1.1066E-005$$

$$R = 1.0000$$

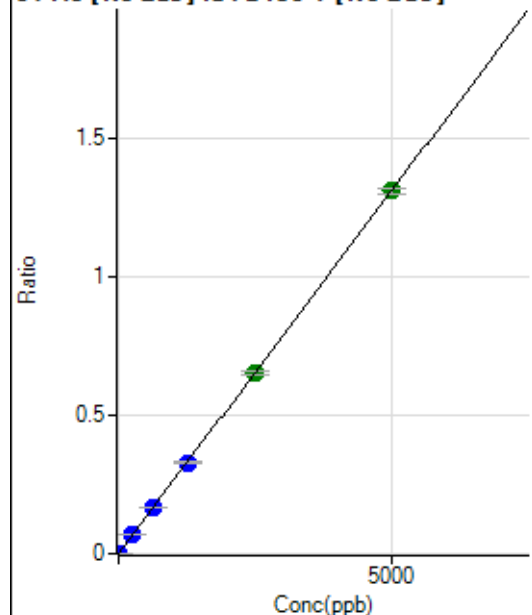
$$DL = 0.01795$$

$$BEC = 0.0458$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.34	0.0000	P	10.5
2	☐	5.000	4.930	14771.84	0.0013	P	3.6
3	☐	250.000	253.384	761158.90	0.0665	P	0.6
4	☐	625.000	631.403	1860741.84	0.1657	P	0.7
5	☐	1250.000	1256.873	3513582.59	0.3299	P	0.7
6	☐	2500.000	2493.371	6613156.79	0.6544	A	2.0
7	☐	5000.000	5000.627	12894049.60	1.3125	A	1.3
8	☐			3781.16	0.0004	P	4.0

$$y = 2.6246E-004 * x + 1.8446E-005$$

$$R = 1.0000$$

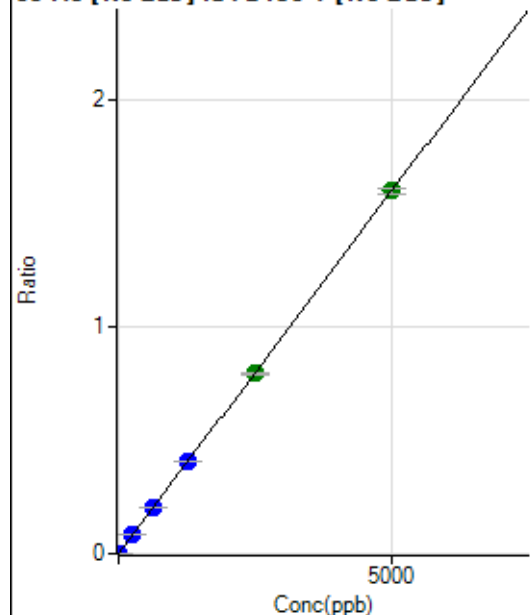
$$DL = 0.02216$$

$$BEC = 0.07028$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.9
2	☐	5.000	4.964	17897.68	0.0016	P	1.0
3	☐	250.000	253.594	928836.87	0.0812	P	0.7
4	☐	625.000	630.896	2267333.38	0.2020	P	0.3
5	☐	1250.000	1264.008	4309488.08	0.4046	P	0.3
6	☐	2500.000	2481.889	8029457.73	0.7945	A	0.9
7	☐	5000.000	5004.637	15737480.04	1.6020	A	1.8
8	☐			4120.13	0.0004	P	3.1

$$y = 3.2010E-004 * x + 9.8506E-007$$

$$R = 1.0000$$

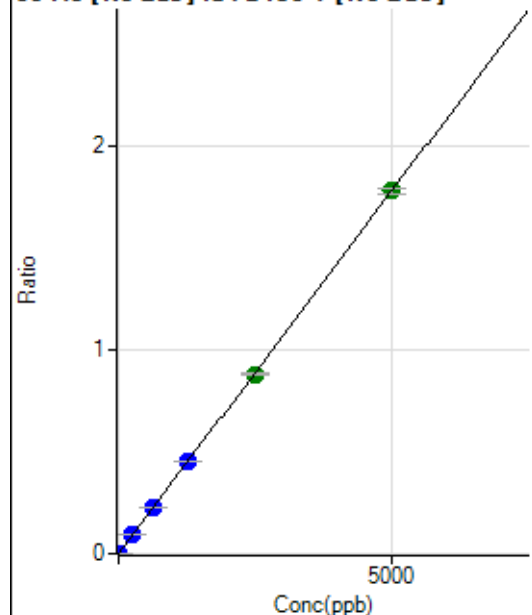
$$DL = 0.00405$$

$$BEC = 0.003077$$

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	19.4
2	☐	5.000	5.077	20345.41	0.0018	P	3.1
3	☐	250.000	253.525	1029488.61	0.0900	P	0.8
4	☐	625.000	632.505	2520110.67	0.2245	P	0.8
5	☐	1250.000	1265.476	4783104.23	0.4491	P	0.2
6	☐	2500.000	2479.080	8890517.73	0.8798	A	1.8
7	☐	5000.000	5005.476	17450123.48	1.7763	A	1.4
8	☐			5526.23	0.0006	P	1.9

$$y = 3.5488\text{E-}004 * x + 5.6531\text{E-}006$$

$$R = 1.0000$$

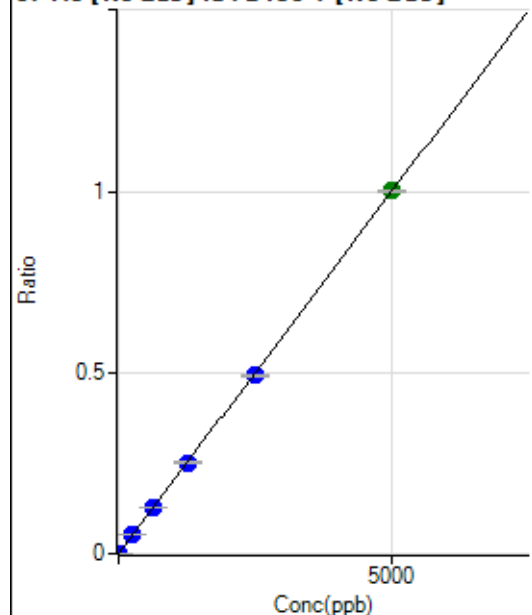
$$DL = 0.009289$$

$$BEC = 0.01593$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	5.000	5.118	11516.02	0.0010	P	2.4
3	☐	250.000	254.599	581854.55	0.0509	P	0.4
4	☐	625.000	633.147	1419785.86	0.1265	P	0.1
5	☐	1250.000	1262.108	2684861.22	0.2521	P	0.1
6	☐	2500.000	2463.281	4972039.17	0.4920	P	1.5
7	☐	5000.000	5014.084	9838804.39	1.0015	A	0.3
8	☐			2589.20	0.0003	P	10.9

$$y = 1.9973\text{E-}004 * x + 7.3525\text{E-}007$$

$$R = 1.0000$$

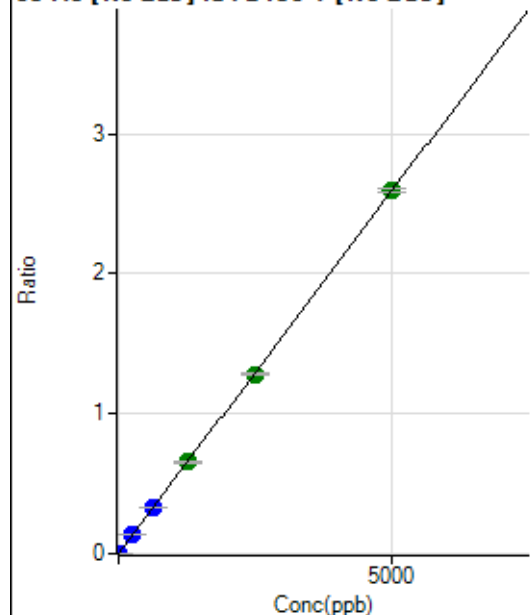
$$DL = 0.01103$$

$$BEC = 0.003681$$

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	16.67	0.0000	P	50.5
2	☐	5.000	5.032	29344.57	0.0026	P	1.6
3	☐	250.000	254.391	1507316.43	0.1317	P	0.5
4	☐	625.000	632.893	3679525.21	0.3277	P	0.7
5	☐	1250.000	1264.848	6975686.18	0.6550	A	0.9
6	☐	2500.000	2477.546	12965911.66	1.2830	A	1.3
7	☐	5000.000	5006.309	25468737.89	2.5925	A	0.9
8	☐			6443.28	0.0007	P	2.4

$$y = 5.1784\text{E-}004 * x + 1.4783\text{E-}006$$

$$R = 1.0000$$

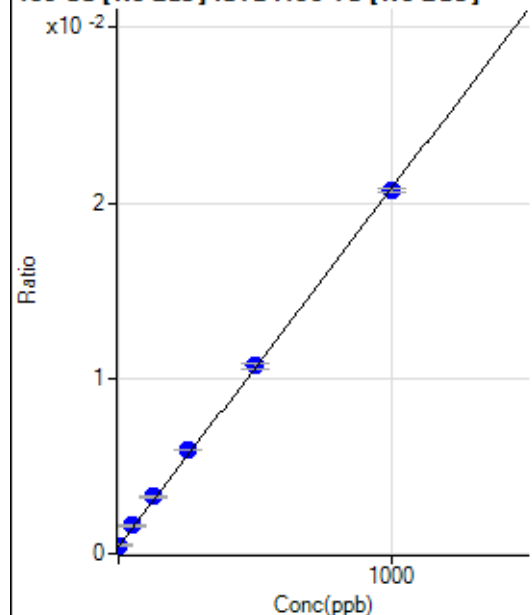
$$DL = 0.004322$$

$$BEC = 0.002855$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4548.08	0.0004	P	8.8
2	☐	1.000	2.209	5023.25	0.0005	P	5.8
3	☐	50.000	56.622	16885.39	0.0016	P	1.6
4	☐	125.000	137.232	33932.94	0.0032	P	1.9
5	☐	250.000	268.804	60280.82	0.0059	P	1.2
6	☐	500.000	502.330	106573.03	0.0107	P	2.5
7	☐	1000.000	992.273	201644.59	0.0207	P	1.0
8	☐			4473.03	0.0005	P	6.4

$$y = 2.0390\text{E-}005 * x + 4.4704\text{E-}004$$

$$R = 0.9998$$

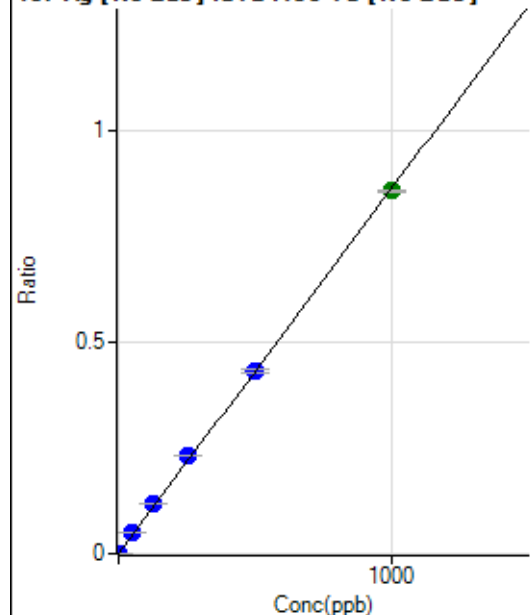
$$DL = 5.8$$

$$BEC = 21.92$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	21.2
2	☐	1.000	1.074	9559.03	0.0009	P	1.2
3	☐	50.000	56.474	512761.25	0.0486	P	0.1
4	☐	125.000	138.248	1244812.25	0.1190	P	0.3
5	☐	250.000	268.087	2347545.34	0.2308	P	0.2
6	☐	500.000	499.225	4285674.18	0.4299	P	2.3
7	☐	1000.000	993.886	8344827.44	0.8558	A	0.3
8	☐			2222.45	0.0002	P	9.8

$$y = 8.6101\text{E-}004 * x + 1.1464\text{E-}005$$

$$R = 0.9998$$

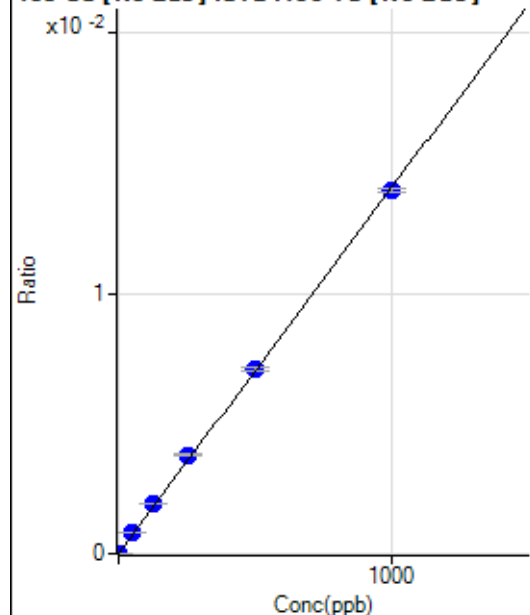
$$DL = 0.008478$$

$$BEC = 0.01331$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.39	0.0000	P	48.0
2	☐	1.000	1.219	201.40	0.0000	P	8.6
3	☐	50.000	56.948	8469.28	0.0008	P	2.5
4	☐	125.000	136.085	20035.07	0.0019	P	0.6
5	☐	250.000	270.254	38669.21	0.0038	P	1.3
6	☐	500.000	502.918	70529.26	0.0071	P	2.4
7	☐	1000.000	991.744	136005.20	0.0139	P	1.1
8	☐			243.06	0.0000	P	7.6

$$y = 1.4060\text{E-}005 * x + 2.5917\text{E-}006$$

$$R = 0.9997$$

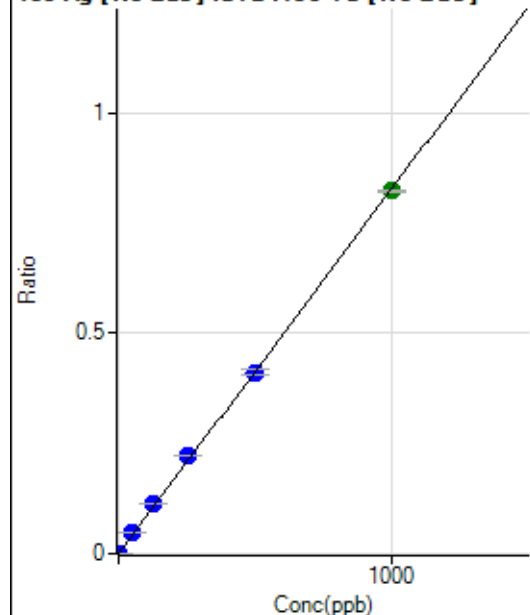
$$DL = 0.2656$$

$$BEC = 0.1843$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	77.8
2	☐	1.000	1.109	9395.04	0.0009	P	3.9
3	☐	50.000	56.345	491344.92	0.0466	P	1.1
4	☐	125.000	137.750	1191415.42	0.1139	P	0.5
5	☐	250.000	268.702	2260235.32	0.2223	P	0.5
6	☐	500.000	496.704	4095564.72	0.4108	P	3.3
7	☐	1000.000	995.062	8025882.82	0.8230	A	0.5
8	☐			1986.31	0.0002	P	7.0

$$y = 8.2713\text{E-}004 * x + 2.1811\text{E-}006$$

$$R = 0.9998$$

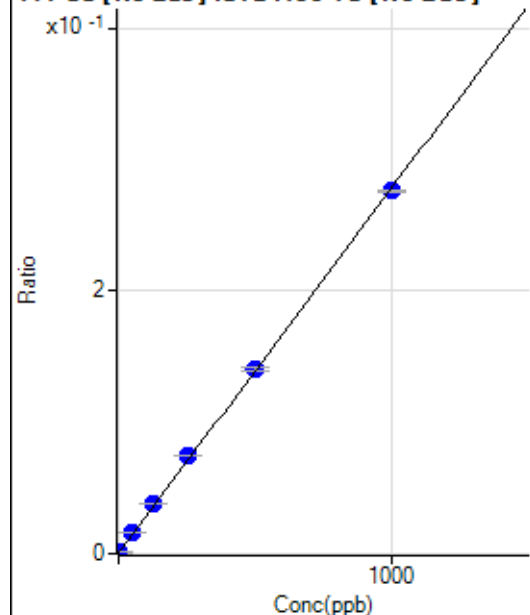
$$DL = 0.006157$$

$$BEC = 0.002637$$

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	4098.97	0.0004	P	9.2
2	☐	1.000	1.267	7706.91	0.0008	P	4.4
3	☐	50.000	55.689	167317.09	0.0159	P	0.5
4	☐	125.000	137.160	402576.59	0.0385	P	0.4
5	☐	250.000	266.990	758246.16	0.0746	P	0.1
6	☐	500.000	502.672	1396032.19	0.1400	P	2.4
7	☐	1000.000	992.612	2692392.97	0.2761	P	0.8
8	☐			4658.41	0.0005	P	6.4

$$y = 2.7775\text{E-}004 * x + 4.0290\text{E-}004$$

$$R = 0.9998$$

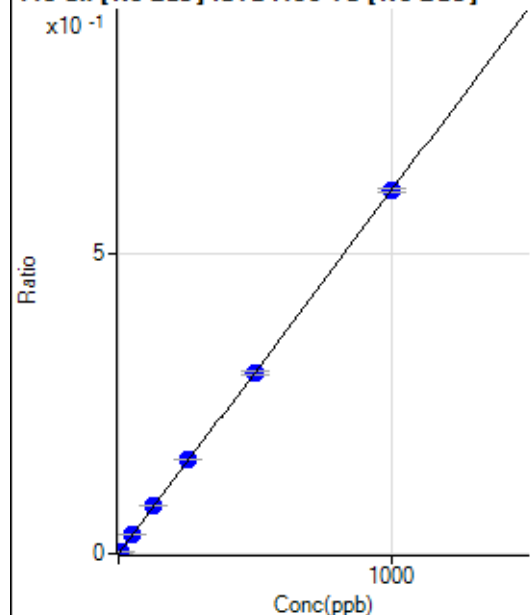
$$DL = 0.4015$$

$$BEC = 1.451$$

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	652.81	0.0001	P	6.3
2	☐	5.000	5.277	33356.68	0.0033	P	0.9
3	☐	50.000	53.620	343662.75	0.0326	P	0.8
4	☐	125.000	132.221	839513.58	0.0803	P	1.0
5	☐	250.000	259.944	1604514.29	0.1578	P	0.0
6	☐	500.000	495.912	3000549.11	0.3009	P	2.0
7	☐	1000.000	998.473	5907859.12	0.6059	P	0.9
8	☐			3044.90	0.0003	P	8.2

$$y = 6.0671E-004 * x + 6.4162E-005$$

$$R = 0.9999$$

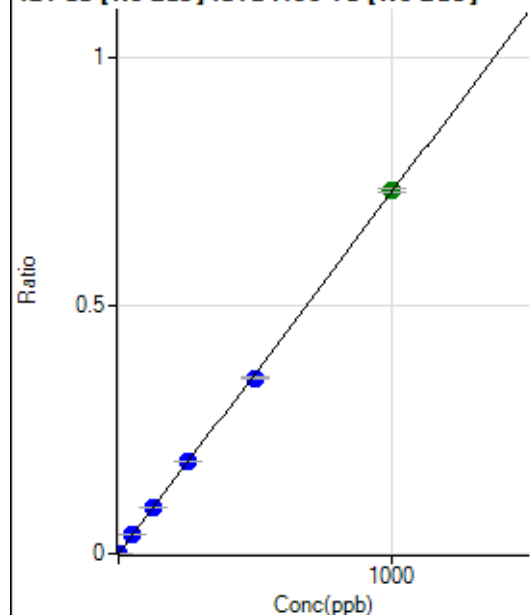
$$DL = 0.02012$$

$$BEC = 0.1058$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	18.3
2	☐	2.000	2.052	15350.43	0.0015	P	1.7
3	☐	50.000	51.959	399015.77	0.0378	P	0.4
4	☐	125.000	128.365	977574.06	0.0935	P	0.5
5	☐	250.000	255.509	1892282.46	0.1861	P	0.7
6	☐	500.000	486.447	3532247.43	0.3543	P	1.8
7	☐	1000.000	1004.880	7135898.68	0.7318	A	1.2
8	☐			4142.38	0.0004	P	1.4

$$y = 7.2823E-004 * x + 9.0106E-006$$

$$R = 0.9998$$

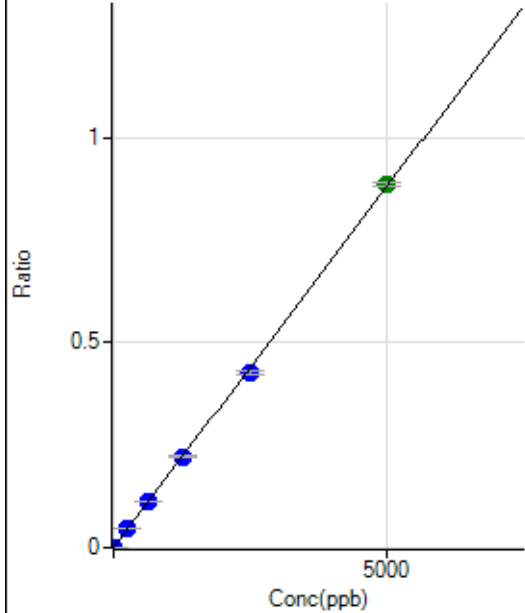
$$DL = 0.006789$$

$$BEC = 0.01237$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	68.5
2	☐	10.000	10.360	18646.20	0.0018	P	1.7
3	☐	250.000	260.742	483692.24	0.0459	P	0.2
4	☐	625.000	641.409	1180094.82	0.1129	P	0.5
5	☐	1250.000	1265.292	2263989.92	0.2226	P	0.4
6	☐	2500.000	2432.205	4266652.57	0.4279	P	2.3
7	☐	5000.000	5027.486	8625688.13	0.8846	A	1.2
8	☐			3283.83	0.0003	P	4.3

$$y = 1.7595E-004 * x + 2.9994E-006$$

$$R = 0.9999$$

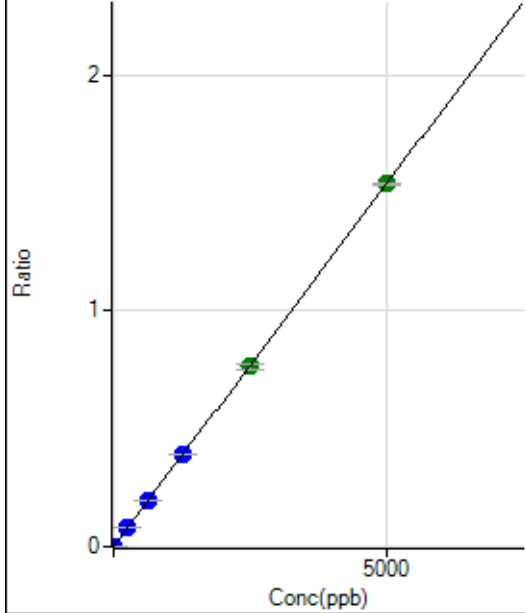
$$DL = 0.03502$$

$$BEC = 0.01705$$

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	13.89	0.0000	P	69.0
2	☐	10.000	10.403	32683.33	0.0032	P	3.4
3	☐	250.000	259.715	842101.73	0.0799	P	0.2
4	☐	625.000	641.399	2062680.77	0.1973	P	0.4
5	☐	1250.000	1271.538	3976844.44	0.3911	P	0.4
6	☐	2500.000	2483.809	7615319.61	0.7639	A	3.0
7	☐	5000.000	5000.174	14995311.62	1.5378	A	0.8
8	☐			5931.98	0.0006	P	3.2

$$y = 3.0755E-004 * x + 1.3632E-006$$

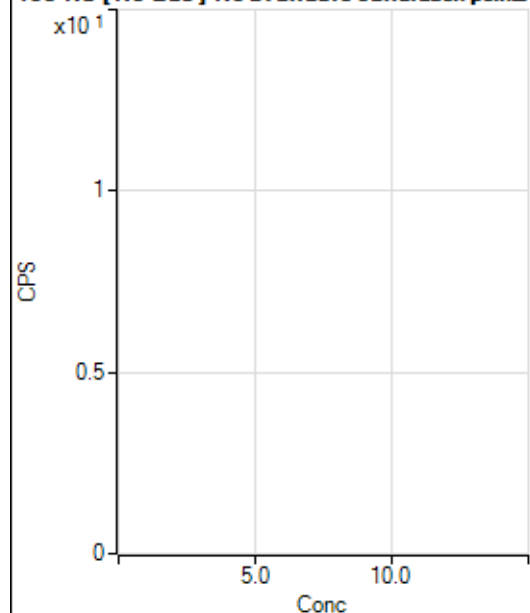
$$R = 1.0000$$

$$DL = 0.009179$$

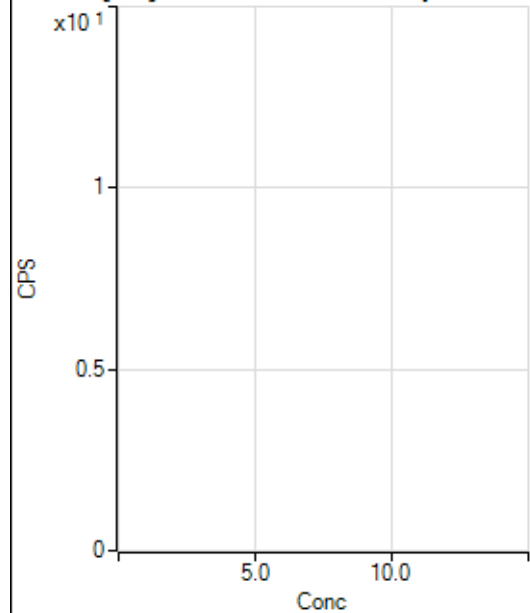
$$BEC = 0.004433$$

Weight: <None>

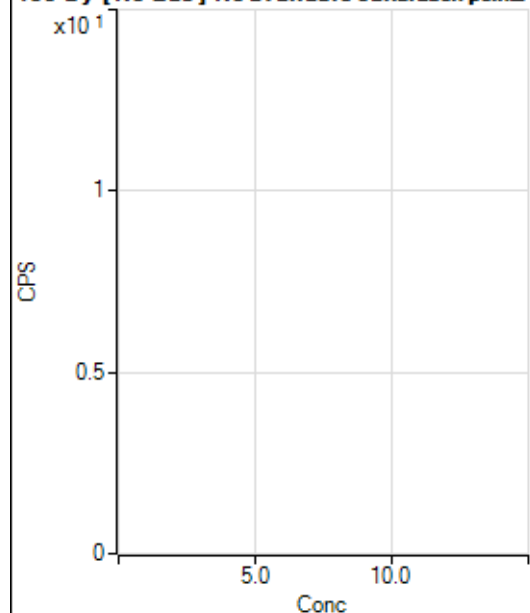
Min Conc: 0

150 Nd [No Gas] No available calibration points

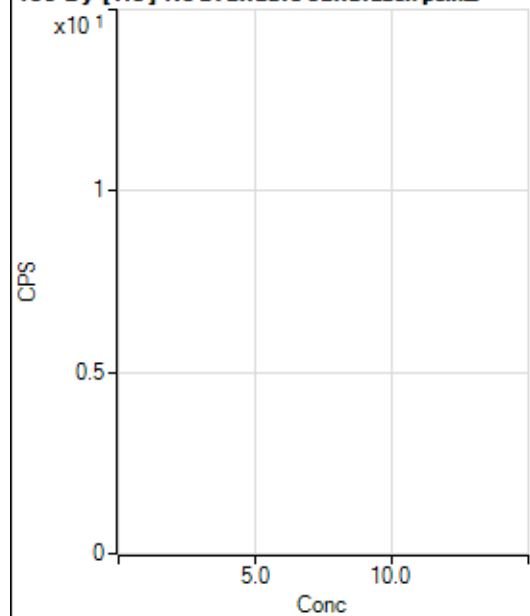
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			0.00		P	
3	☐			64.45		P	26.0
4	☐			144.45		P	26.2
5	☐			240.01		P	32.7
6	☐			500.02		P	13.9
7	☐			702.26		P	4.0
8	☐			37.78		P	56.7

150 Nd [He] No available calibration points

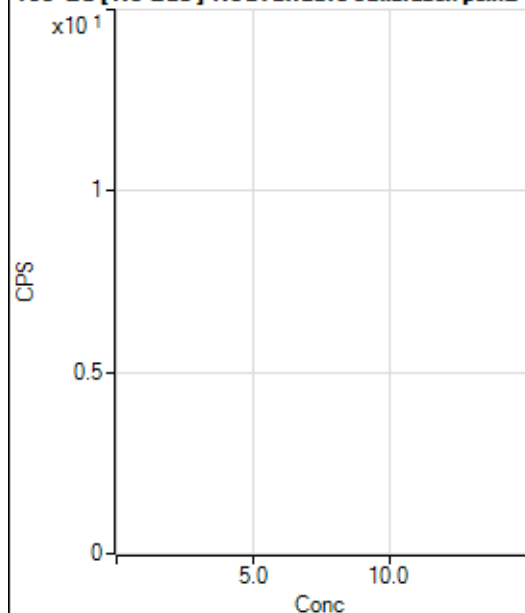
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			20.00		P	66.7
4	☐			31.11		P	16.4
5	☐			77.78		P	31.0
6	☐			130.00		P	5.1
7	☐			127.78		P	17.4
8	☐			15.56		P	65.5

156 Dy [No Gas] No available calibration points

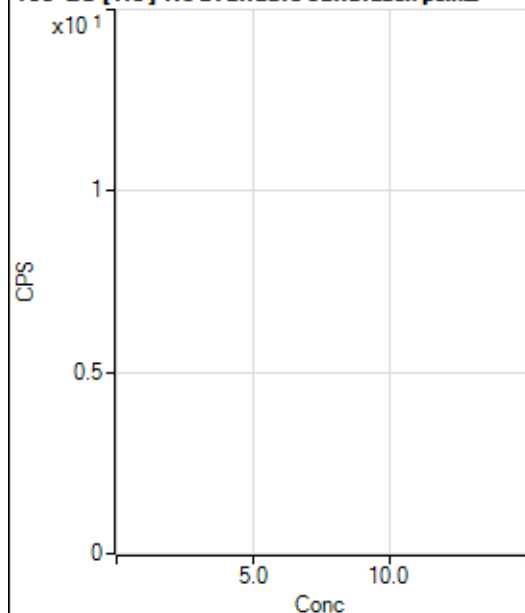
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			2.78		P	173.2
3	☐			41.67		P	40.0
4	☐			86.11		P	31.1
5	☐			177.79		P	9.8
6	☐			277.79		P	14.2
7	☐			444.46		P	5.4
8	☐			1375.11		P	4.6

156 Dy [He] No available calibration points

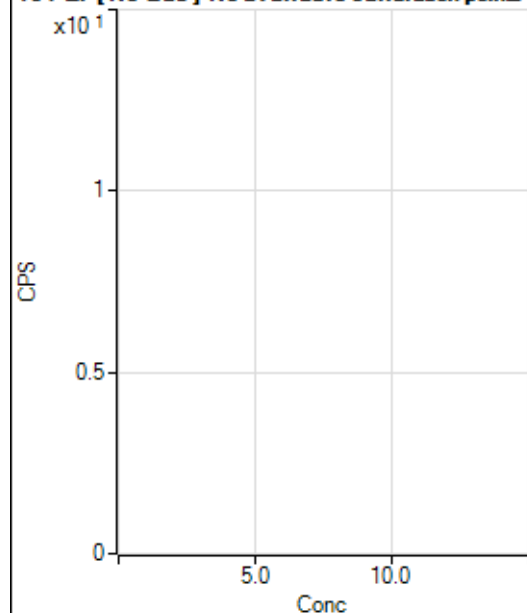
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			6.67		P	50.0
3	☐			26.66		P	21.7
4	☐			68.89		P	47.5
5	☐			120.00		P	32.8
6	☐			226.67		P	8.2
7	☐			368.90		P	8.4
8	☐			946.71		P	7.3

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

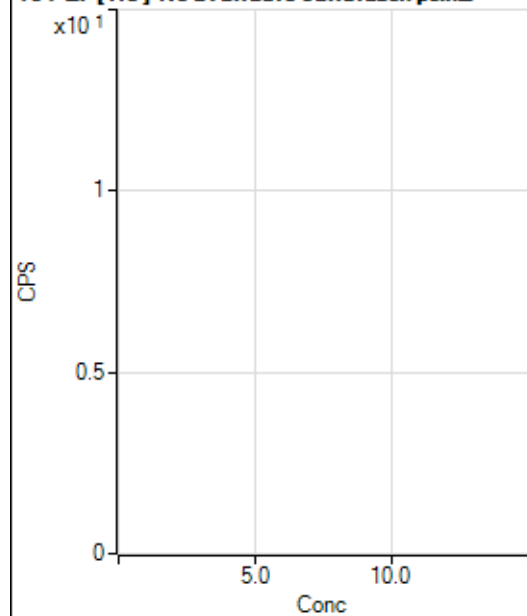
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	28.6
2	☐			77.78		P	16.4
3	☐			102.78		P	30.7
4	☐			125.00		P	6.7
5	☐			169.45		P	10.2
6	☐			344.46		P	24.4
7	☐			427.79		P	11.7
8	☐			1544.57		P	9.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			161.11		P	41.4
2	☐			153.33		P	22.9
3	☐			141.11		P	11.7
4	☐			173.34		P	15.4
5	☐			216.67		P	3.1
6	☐			265.56		P	2.9
7	☐			382.23		P	11.0
8	☐			1180.06		P	6.4

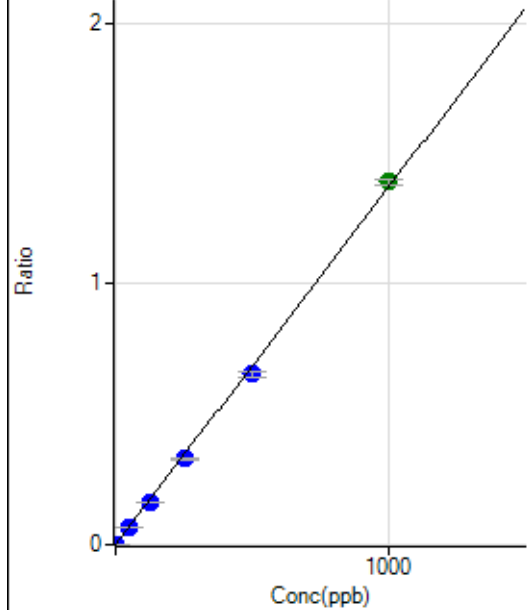
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	17.8
2	☐			72.23		P	26.7
3	☐			69.45		P	30.2
4	☐			83.34		P	20.0
5	☐			97.22		P	21.6
6	☐			152.78		P	6.3
7	☐			177.78		P	16.5
8	☐			294.46		P	11.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	17.3
2	☐			26.67		P	76.0
3	☐			51.11		P	13.6
4	☐			47.78		P	14.5
5	☐			60.00		P	11.1
6	☐			106.67		P	8.3
7	☐			84.45		P	8.2
8	☐			196.67		P	18.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	13.3
2	☐	1.000	0.943	9342.39	0.0013	P	7.6
3	☐	50.000	47.287	484240.13	0.0649	P	0.5
4	☐	125.000	117.658	1197706.29	0.1614	P	0.9
5	☐	250.000	240.027	2336905.22	0.3292	P	3.0
6	☐	500.000	477.328	4542619.11	0.6547	P	3.9
7	☐	1000.000	1014.883	9228370.09	1.3919	A	1.4
8	☐			3197.69	0.0005	P	12.8

$$y = 0.0014 * x + 1.3553E-005$$

$$R = 0.9996$$

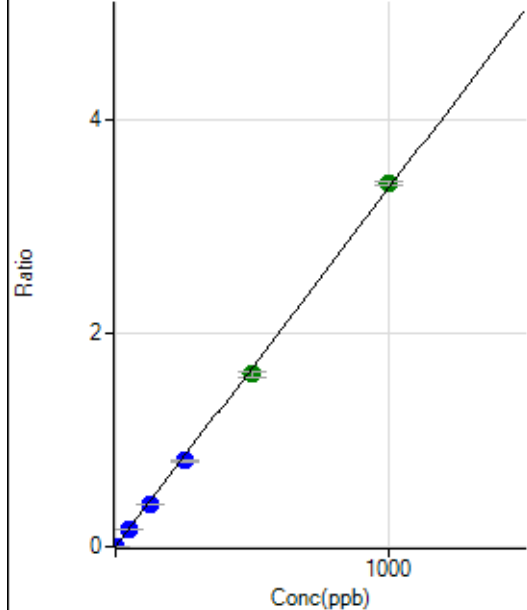
$$DL = 0.003946$$

$$BEC = 0.009882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.24	0.0000	P	21.2
2	☐	1.000	0.926	22497.28	0.0031	P	4.0
3	☐	50.000	46.838	1171676.34	0.1570	P	0.7
4	☐	125.000	117.152	2913136.72	0.3925	P	0.6
5	☐	250.000	240.337	5716066.32	0.8052	P	2.7
6	☐	500.000	481.492	11194606.85	1.6131	A	3.2
7	☐	1000.000	1012.809	22496003.63	3.3931	A	1.2
8	☐			7838.70	0.0013	P	21.6

$$y = 0.0034 * x + 4.2645E-005$$

$$R = 0.9997$$

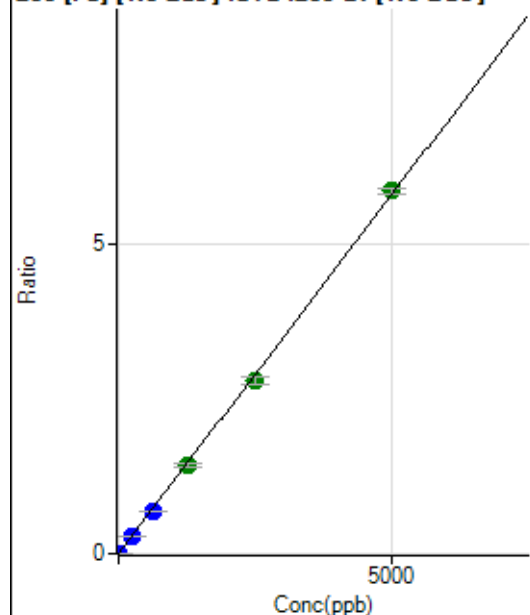
$$DL = 0.008097$$

$$BEC = 0.01273$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	661.14	0.0001	P	4.9
2	☐	1.000	0.900	8122.99	0.0011	P	4.2
3	☐	250.000	229.972	1985512.41	0.2660	P	0.8
4	☐	625.000	577.403	4955201.38	0.6677	P	0.4
5	☐	1250.000	1232.066	10113658.91	1.4246	A	2.3
6	☐	2500.000	2411.418	19347075.89	2.7881	A	3.6
7	☐	5000.000	5055.726	38754426.79	5.8453	A	1.7
8	☐			11696.02	0.0019	P	3.3

$$y = 0.0012 * x + 9.4876E-005$$

$$R = 0.9997$$

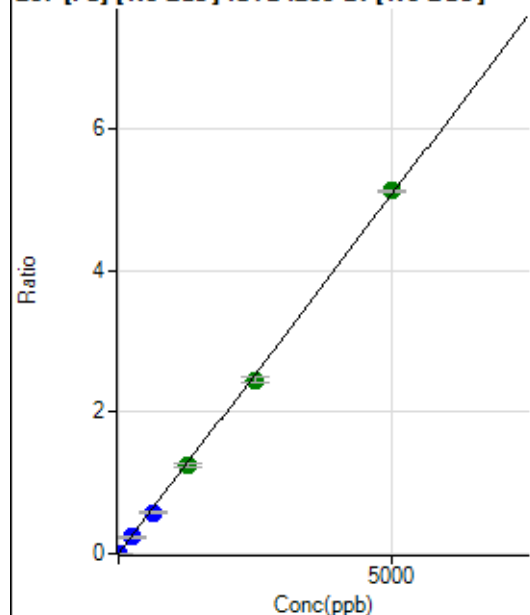
$$DL = 0.01197$$

$$BEC = 0.08206$$

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	529.65	0.0001	P	10.3
2	☐	1.000	0.954	7478.16	0.0010	P	5.5
3	☐	250.000	228.165	1730536.46	0.2318	P	0.6
4	☐	625.000	575.132	4336017.55	0.5842	P	0.6
5	☐	1250.000	1227.481	8850151.82	1.2468	A	3.5
6	☐	2500.000	2419.313	17052418.21	2.4573	A	3.7
7	☐	5000.000	5053.298	34028615.58	5.1326	A	0.4
8	☐			10265.24	0.0017	P	3.1

$$y = 0.0010 * x + 7.6022E-005$$

$$R = 0.9998$$

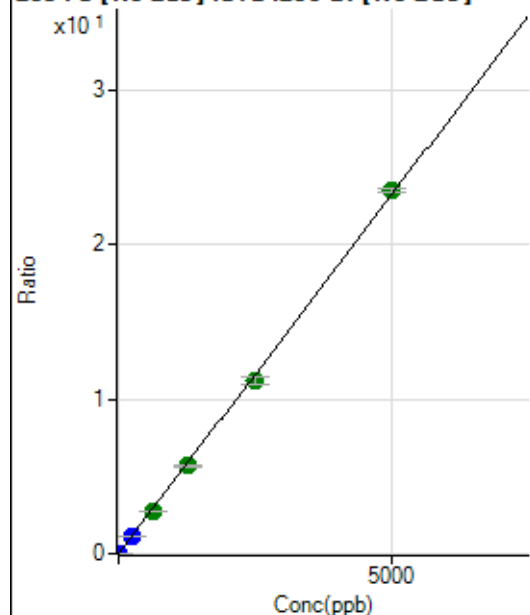
$$DL = 0.02306$$

$$BEC = 0.07485$$

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	2592.74	0.0004	P	3.4
2	☐	1.000	0.921	33281.60	0.0047	P	3.8
3	☐	250.000	229.317	7956084.32	1.0658	P	0.6
4	☐	625.000	588.568	20297671.49	2.7349	A	0.3
5	☐	1250.000	1225.106	40409471.39	5.6923	A	2.8
6	☐	2500.000	2408.556	77649614.93	11.1906	A	3.9
7	☐	5000.000	5057.534	155787708.1	23.4978	A	0.9
8	☐			46434.00	0.0076	P	1.3

$$y = 0.0046 * x + 3.7210E-004$$

$$R = 0.9997$$

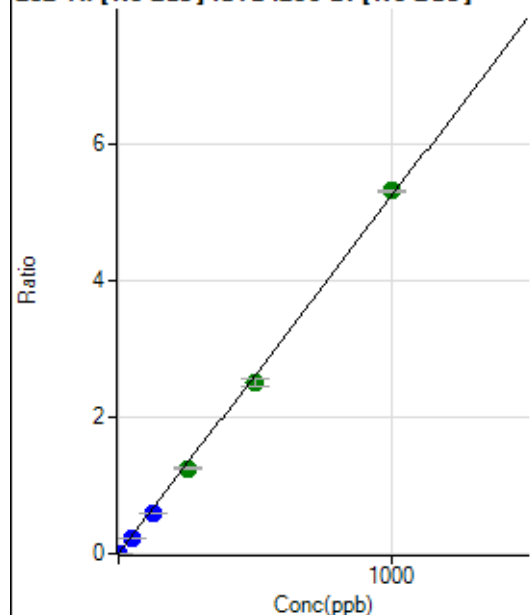
$$DL = 0.008118$$

$$BEC = 0.08009$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164.82	0.0000	P	4.9
2	☐	1.000	-0.001	131.49	0.0000	P	18.0
3	☐	50.000	43.859	1714868.44	0.2297	P	0.4
4	☐	125.000	111.100	4318461.50	0.5819	P	0.6
5	☐	250.000	238.678	8872989.26	1.2500	A	3.4
6	☐	500.000	480.211	17448600.16	2.5150	A	4.5
7	☐	1000.000	1014.770	35234270.69	5.3146	A	0.8
8	☐			4280.41	0.0007	P	9.2

$$y = 0.0052 * x + 2.3652E-005$$

$$R = 0.9996$$

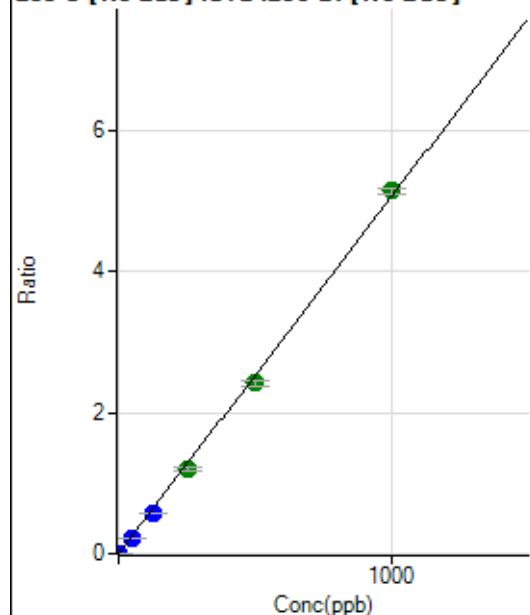
$$DL = 0.0006638$$

$$BEC = 0.004516$$

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	16.66	0.0000	P	86.5
2	☐	1.000	0.886	32117.89	0.0045	P	3.9
3	☐	50.000	44.433	1679356.82	0.2250	P	0.4
4	☐	125.000	112.056	4210526.87	0.5673	P	0.8
5	☐	250.000	237.304	8528902.88	1.2014	A	2.8
6	☐	500.000	477.677	16782187.70	2.4184	A	3.6
7	☐	1000.000	1016.232	34111382.01	5.1451	A	1.4
8	☐			3803.44	0.0006	P	5.1

$$y = 0.0051 * x + 2.3900E-006$$

$$R = 0.9995$$

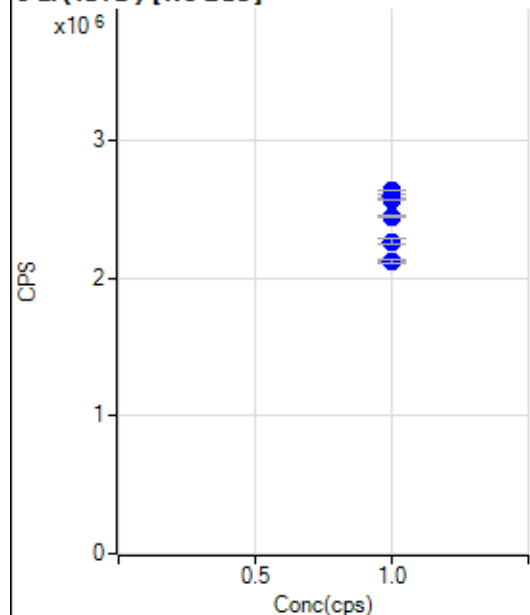
$$DL = 0.001225$$

$$BEC = 0.0004721$$

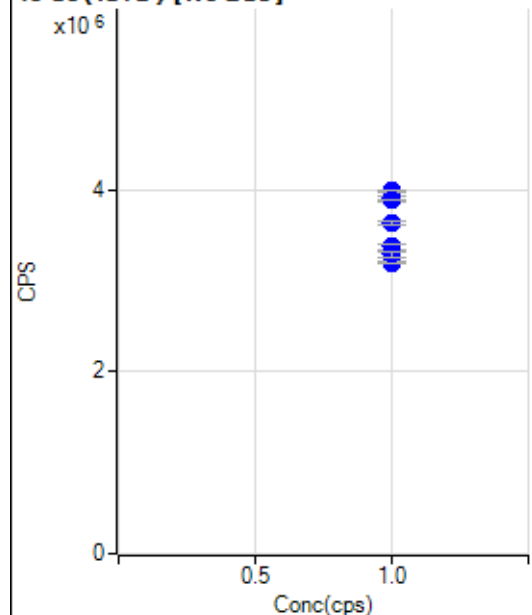
Weight: <None>

Min Conc: 0

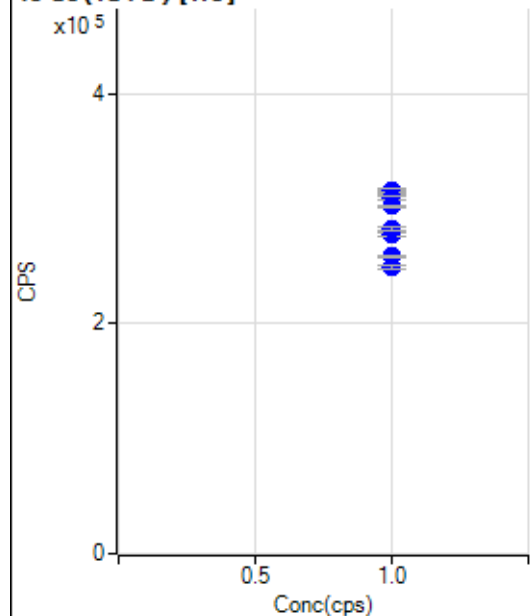
6 Li (ISTD) [No Gas]



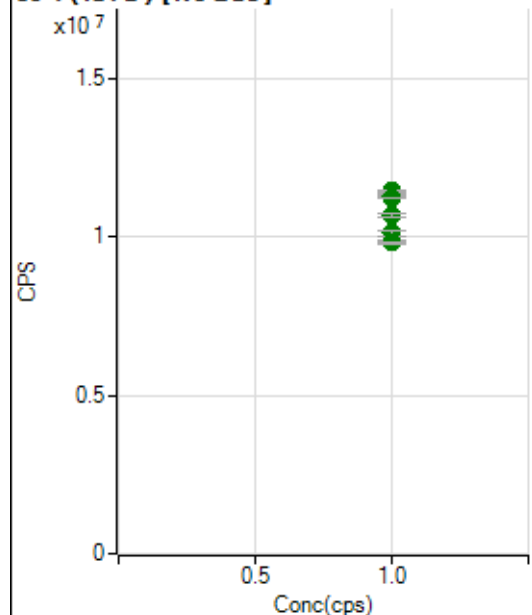
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2570781.61		P	0.2
2	☐	1.000		2596867.45		P	1.0
3	☐	1.000		2636270.08		P	0.1
4	☐	1.000		2576673.78		P	0.0
5	☐	1.000		2450074.44		P	0.8
6	☐	1.000		2267891.32		P	2.2
7	☐	1.000		2127253.26		P	0.6
8	☐	1.000		2123707.80		P	1.8

45 Sc (ISTD) [No Gas]

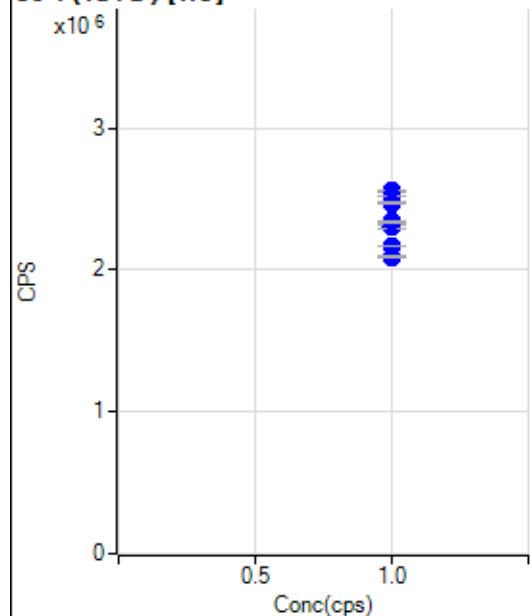
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3968677.75		P	0.3
2	☐	1.000		3902861.89		P	1.5
3	☐	1.000		3984492.20		P	0.8
4	☐	1.000		3879437.89		P	0.2
5	☐	1.000		3630648.07		P	1.5
6	☐	1.000		3372957.69		P	2.1
7	☐	1.000		3197555.23		P	1.1
8	☐	1.000		3286104.95		P	1.6

45 Sc (ISTD) [He]

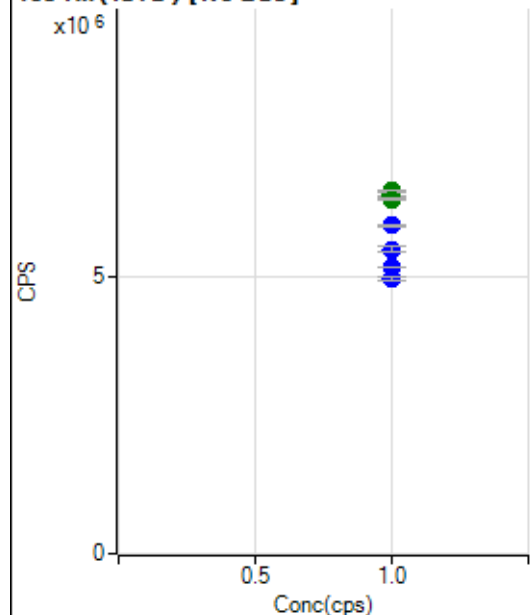
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		314118.24		P	0.8
2	☐	1.000		315575.68		P	1.1
3	☐	1.000		309639.08		P	1.2
4	☐	1.000		302156.29		P	0.6
5	☐	1.000		277715.21		P	0.8
6	☐	1.000		258947.34		P	0.8
7	☐	1.000		248568.70		P	1.2
8	☐	1.000		282273.59		P	0.9

89 Y (ISTD) [No Gas]

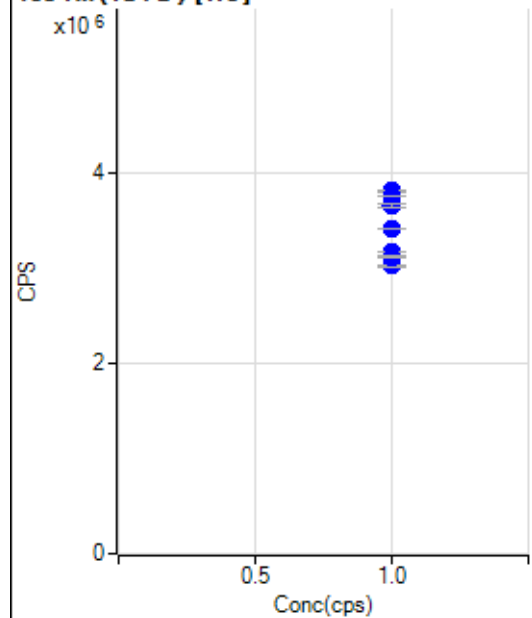
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11294155.80		A	0.5
2	☐	1.000		11257150.25		A	1.1
3	☐	1.000		11442091.22		A	0.5
4	☐	1.000		11227073.03		A	0.3
5	☐	1.000		10650683.45		A	1.2
6	☐	1.000		10107962.56		A	2.2
7	☐	1.000		9824427.28		A	0.8
8	☐	1.000		9796654.16		A	1.0

89 Y (ISTD) [He]

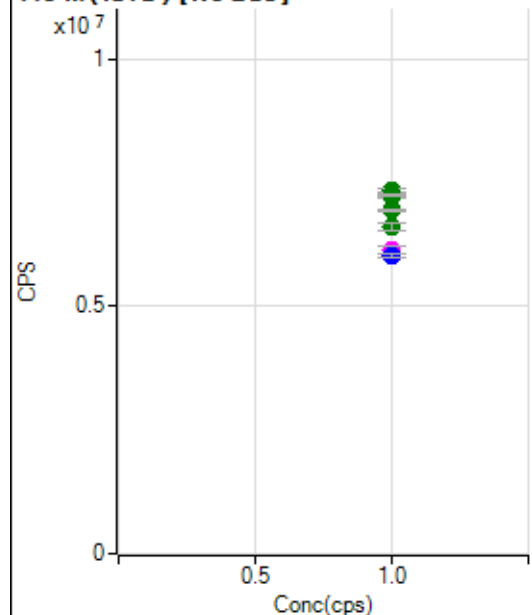
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2546503.45		P	0.3
2	☐	1.000		2556732.15		P	0.1
3	☐	1.000		2521779.86		P	0.4
4	☐	1.000		2470550.40		P	0.8
5	☐	1.000		2302249.60		P	0.7
6	☐	1.000		2166554.41		P	0.0
7	☐	1.000		2091464.01		P	0.7
8	☐	1.000		2340678.11		P	0.6

103 Rh (ISTD) [No Gas]

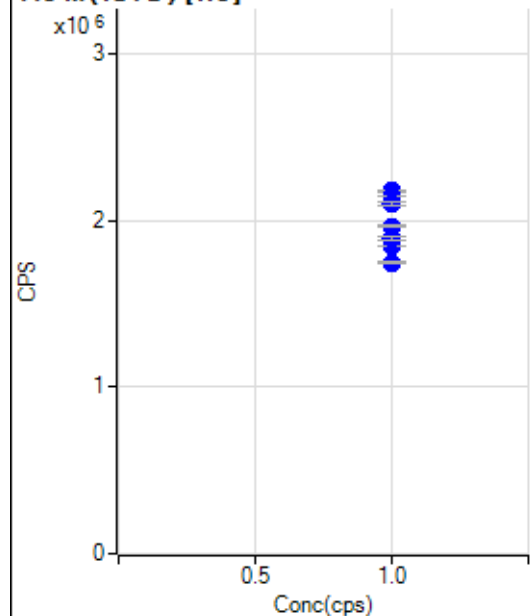
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6506718.93		A	1.1
2	☐	1.000		6481115.74		A	1.7
3	☐	1.000		6566841.71		A	0.3
4	☐	1.000		6408875.46		A	0.7
5	☐	1.000		5939021.79		P	0.8
6	☐	1.000		5505029.64		P	2.1
7	☐	1.000		5183147.07		P	0.6
8	☐	1.000		4969861.69		P	1.4

103 Rh (ISTD) [He]

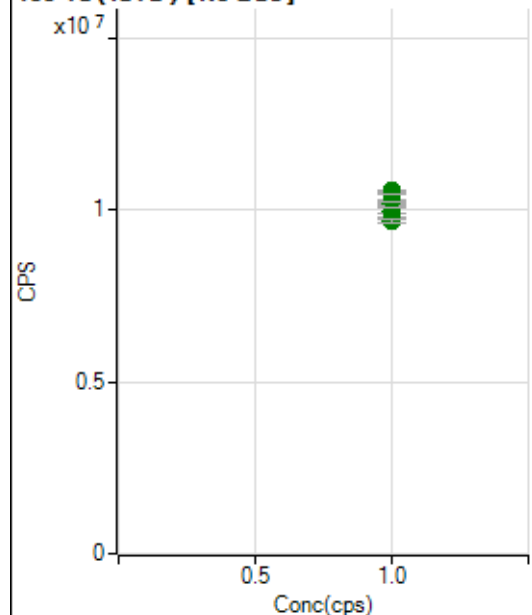
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3814473.41		P	0.2
2	☐	1.000		3804507.96		P	0.6
3	☐	1.000		3761288.90		P	0.4
4	☐	1.000		3659824.98		P	0.8
5	☐	1.000		3414013.66		P	0.2
6	☐	1.000		3171268.63		P	0.1
7	☐	1.000		3022687.21		P	0.6
8	☐	1.000		3119076.62		P	0.8

115 In (ISTD) [No Gas]

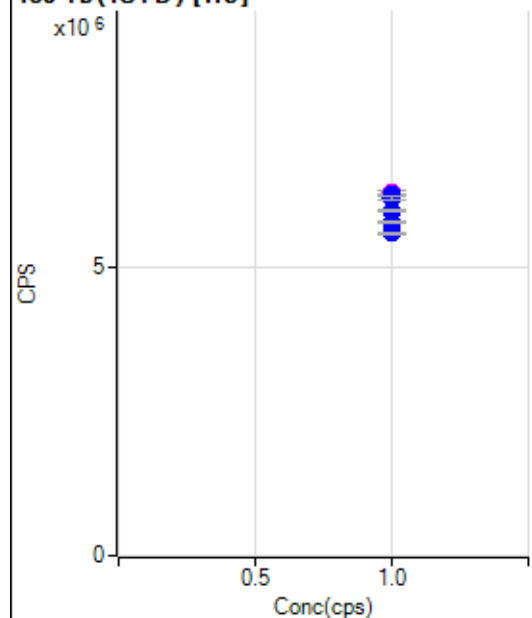
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7237333.83		A	0.4
2	☐	1.000		7218336.84		A	0.7
3	☐	1.000		7337630.83		A	0.9
4	☐	1.000		7258240.59		A	0.4
5	☐	1.000		6944976.58		A	0.6
6	☐	1.000		6606631.14		A	2.6
7	☐	1.000		6145770.20		M	2.1
8	☐	1.000		6023873.69		P	1.3

115 In (ISTD) [He]

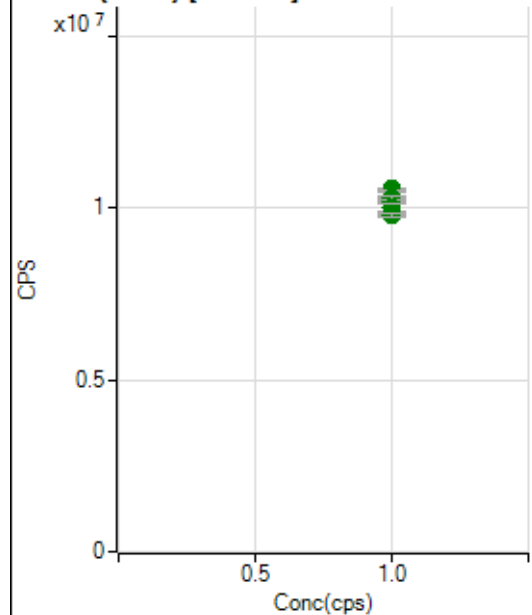
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2174265.47		P	0.4
2	☐	1.000		2175503.02		P	0.6
3	☐	1.000		2143445.91		P	0.2
4	☐	1.000		2102263.81		P	1.0
5	☐	1.000		1965001.86		P	0.5
6	☐	1.000		1842663.53		P	0.3
7	☐	1.000		1745781.58		P	0.7
8	☐	1.000		1891347.67		P	1.1

159 Tb (ISTD) [No Gas]

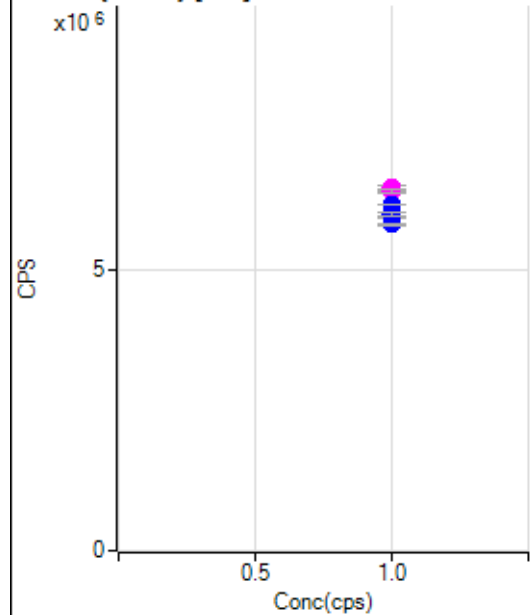
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10174608.53		A	0.3
2	☐	1.000		10214872.90		A	1.8
3	☐	1.000		10542734.50		A	0.6
4	☐	1.000		10456654.49		A	0.1
5	☐	1.000		10169585.61		A	0.7
6	☐	1.000		9973525.55		A	2.2
7	☐	1.000		9751427.91		A	0.5
8	☐	1.000		9663372.01		A	0.7

159 Tb (ISTD) [He]

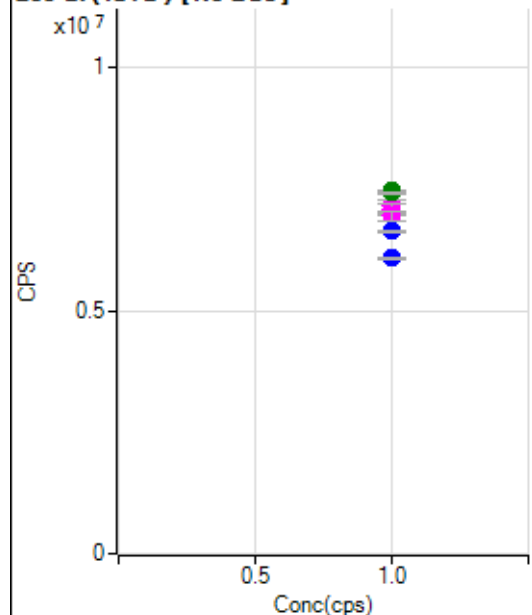
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6242021.99		P	0.7
2	☐	1.000		6292614.21		M	1.1
3	☐	1.000		6255564.56		P	0.1
4	☐	1.000		6208912.34		P	0.8
5	☐	1.000		5982534.84		P	0.3
6	☐	1.000		5770842.00		P	0.5
7	☐	1.000		5598818.39		P	0.5
8	☐	1.000		5786014.43		P	0.4

165 Ho (ISTD) [No Gas]

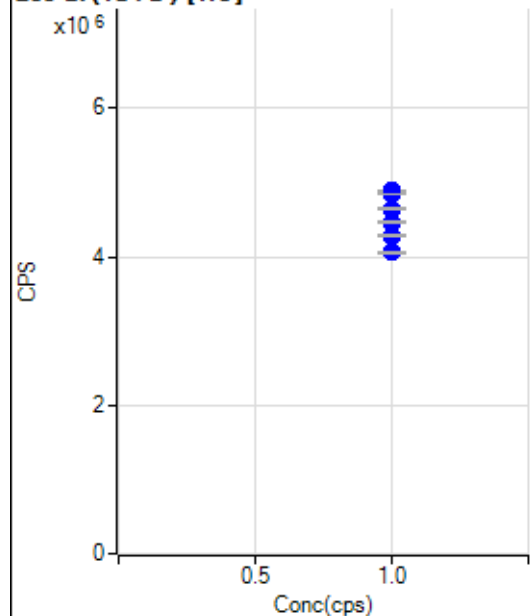
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10146065.61		A	0.8
2	☐	1.000		10193178.25		A	1.7
3	☐	1.000		10545842.00		A	0.3
4	☐	1.000		10465634.29		A	0.5
5	☐	1.000		10278308.39		A	0.7
6	☐	1.000		10011760.40		A	1.9
7	☐	1.000		9864410.89		A	1.1
8	☐	1.000		9788020.27		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6426532.41		P	0.4
2	☐	1.000		6472786.78		M	1.9
3	☐	1.000		6438397.54		M	0.5
4	☐	1.000		6415061.02		M	1.2
5	☐	1.000		6174562.96		P	0.2
6	☐	1.000		5948003.73		P	0.3
7	☐	1.000		5819903.94		P	0.6
8	☐	1.000		6000354.56		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6967937.74		P	0.3
2	☐	1.000		7159538.02		M	3.2
3	☐	1.000		7465100.79		A	0.4
4	☐	1.000		7421788.57		A	0.3
5	☐	1.000		7102323.16		M	2.7
6	☐	1.000		6944357.05		M	3.1
7	☐	1.000		6629769.07		P	0.4
8	☐	1.000		6080656.30		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4883223.44		P	0.4
2	☐	1.000		4887738.23		P	0.3
3	☐	1.000		4875133.12		P	0.3
4	☐	1.000		4850115.24		P	0.3
5	☐	1.000		4649681.80		P	0.4
6	☐	1.000		4465542.68		P	0.4
7	☐	1.000		4284027.85		P	0.6
8	☐	1.000		4059235.95		P	0.8

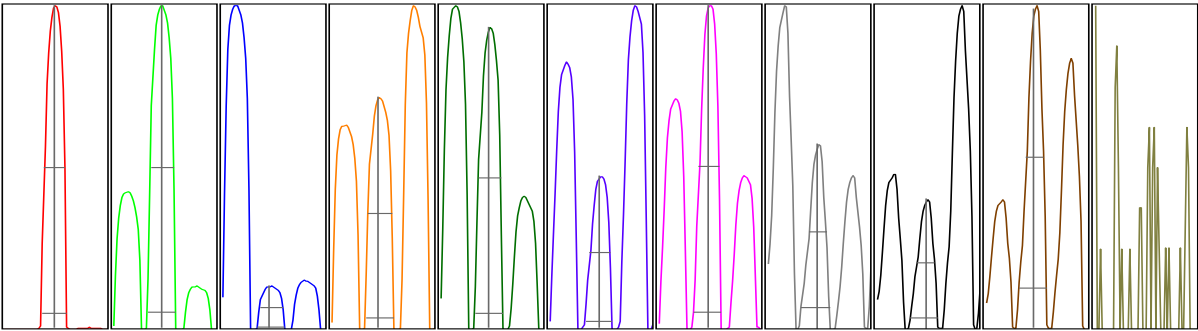
US EPA Tune Check Sample Report

Batch Folder C:\Agilent\ICPMH\1\DATA\P7092221MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	7813	0.87	5.00		
24	72158	0.58	5.00		
25	9608	0.63	5.00		
26	10980	0.75	5.00		
59	17733	0.59	5.00		
113	11566	0.36	5.00		
115	34187	0.48	5.00		
206	18341	0.29	5.00		
207	15887	0.67	5.00		
208	38264	0.49	5.00		
220	0	59.27			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7841	7836	7873	7820	7696
24	72680	72407	72153	71969	71579
25	9661	9621	9649	9598	9509
26	11076	10998	10973	11003	10849
59	17866	17797	17748	17618	17637
113	11595	11617	11570	11525	11525
115	34286	34272	34094	33944	34338
206	18368	18320	18417	18317	18281
207	15993	15959	15884	15882	15716
208	38436	38295	38291	38353	37947
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	13525	9.00	8.9 - 9.1		0.738	0.900	
24	111231	23.95	23.9 - 24.1		0.828	0.900	
25	14814	24.90	24.9 - 25.1		0.792	0.900	
26	16855	25.90	25.9 - 26.1		0.833	0.900	
59	29158	58.95	58.9 - 59.1		0.824	0.900	
113	20155	113.00	112.9 - 113.1		0.783	0.900	
115	60008	115.00	114.9 - 115.1		0.792	0.900	
206	34914	206.00	205.9 - 206.1		0.820	0.900	
207	29161	207.00	206.9 - 207.1		0.782	0.900	
208	72087	207.95	207.9 - 208.1		0.792	0.900	
220	0	220.15	-		0.300		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	13.4	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	150	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	5973	3.26	
89	36837	3.12	
205	20961	2.63	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	6113	6057	5644	6102	5948
89	37488	37305	34827	37587	36980
205	21344	21186	20059	20827	21391

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	1.0	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:23:49	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.11	0.27	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.35	-0.12	-0.23	0.00	N/A	ppb
Boron	11-1	0.03	0.07	-0.10	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.11	0.15	0.00	N/A	ppb
Cadmium	106-1	-0.57	-1.58	2.16	0.00	N/A	ppb
Cadmium	108-1	0.08	0.02	-0.10	0.00	N/A	ppb
Calcium	43-1	-0.52	-0.52	1.04	0.00	N/A	ppb
Calcium	44-1	0.36	0.27	-0.63	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.08	0.13	-0.05	0.00	N/A	ppb
Iron	57-2	-0.43	0.07	0.37	0.00	N/A	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:23:49	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.10	1.07	-1.17	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.08	-0.02	0.10	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-9.21	-2.39	0.70	-3.63		ppb
Potassium	39-2	-1.25	0.86	0.38	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.13	-0.05	-0.09	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.46	0.85	-0.39	0.00	N/A	ppb
Silicon	28-1	0.05	0.07	-0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.25	-0.28	0.54	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-28.12	-134.97	-213.26	-125.45		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:23:49	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.08	-0.02	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:30:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.69	20.94	21.28	20.97	1.42	ppb
Antimony	121-1	2.09	2.02	2.04	2.05	1.74	ppb
Arsenic	75-2	1.08	1.01	1.00	1.03	4.38	ppb
Barium	135-1	10.57	10.25	10.26	10.36	1.72	ppb
Barium	137-1	10.72	10.01	10.48	10.40	3.45	ppb
Beryllium	9-1	0.98	0.96	1.15	1.03	10.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	22.68	25.61	24.06	24.12	6.08	ppb
Boron	11-1	23.67	25.12	24.36	24.38	2.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.40	1.19	1.21	1.27	9.37	ppb
Cadmium	106-1	3.78	1.70	1.15	2.21	62.96	ppb
Cadmium	108-1	1.30	1.28	1.08	1.22	9.86	ppb
Calcium	43-1	528.39	509.31	493.10	510.27	3.46	ppb
Calcium	44-1	509.64	506.86	511.87	509.46	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	2.04	2.00	2.00	1.58	ppb
Cobalt	59-2	1.08	1.00	1.01	1.03	4.26	ppb
Copper	63-2	1.95	1.86	1.96	1.92	2.81	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				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	53.18	51.80	52.76	52.58	1.35	ppb
Iron	57-2	54.57	48.96	53.66	52.40	5.75	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:30:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.39	53.62	54.01	54.01	0.71	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.86	0.90	0.90	4.55	ppb
Lead	207-1	1.01	0.95	0.90	0.95	5.89	ppb
Lead	208-1	0.96	0.89	0.91	0.92	4.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	484.21	479.75	480.64	481.53	0.49	ppb
Manganese	55-2	1.01	0.97	1.00	0.99	2.39	ppb
Molybdenum	94-1	4.82	4.83	5.14	4.93	3.62	ppb
Molybdenum	95-1	5.02	4.93	4.94	4.96	1.02	ppb
Molybdenum	96-1	4.91	5.10	5.22	5.08	3.12	ppb
Molybdenum	97-1	4.98	5.16	5.22	5.12	2.39	ppb
Molybdenum	98-1	5.06	4.94	5.09	5.03	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.97	1.06	1.00	4.67	ppb
Phosphorus	31-2	-14.49	15.23	10.16	3.63	437.47	ppb
Potassium	39-2	501.77	500.37	505.18	502.44	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.03	5.18	5.62	5.28	5.78	ppb
Selenium	77-2	5.87	5.22	4.56	5.22	12.55	ppb
Selenium	78-2	4.37	5.78	4.74	4.96	14.64	ppb
Silicon	28-1	10.92	9.82	10.90	10.55	5.97	ppb
Silver	107-1	1.08	1.06	1.08	1.07	1.23	ppb
Silver	109-1	1.07	1.09	1.16	1.11	3.90	ppb
Sodium	23-2	485.87	486.53	486.07	486.16	0.07	ppb
Strontium	86-1	0.10	0.10	0.09	0.10	5.43	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	0.73	ppb
Sulfur	34-1	255.19	39.18	81.98	125.45	91.17	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.03	0.89	0.91	0.94	7.72	ppb
Thallium	205-1	0.97	0.91	0.90	0.93	4.04	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:30:02	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.30	5.22	5.31	5.28	0.95	ppb
Titanium	47-1	5.21	4.76	4.93	4.97	4.56	ppb
Uranium	238-1	0.92	0.86	0.88	0.89	3.85	ppb
Vanadium	51-2	5.03	4.97	5.15	5.05	1.79	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.43	2.31	2.46	2.40	3.35	ppb
Zirconium	90-1	0.88	0.94	0.95	0.92	4.41	ppb
Zirconium	91-1	0.99	1.07	0.88	0.98	9.86	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:33:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1041.57	1036.10	1011.22	1029.63	1.57	ppb
Antimony	121-1	51.93	52.17	51.78	51.96	0.38	ppb
Arsenic	75-2	51.39	50.78	50.97	51.05	0.62	ppb
Barium	135-1	261.24	260.74	260.25	260.74	0.19	ppb
Barium	137-1	260.23	259.36	259.55	259.72	0.18	ppb
Beryllium	9-1	51.76	52.49	52.28	52.18	0.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	48.74	49.92	51.50	50.05	2.76	ppb
Boron	11-1	48.67	51.41	53.83	51.30	5.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	56.03	55.60	55.43	55.69	0.55	ppb
Cadmium	106-1	55.80	58.10	55.97	56.62	2.27	ppb
Cadmium	108-1	56.72	58.47	55.66	56.95	2.49	ppb
Calcium	43-1	5317.36	5417.72	5338.61	5357.90	0.99	ppb
Calcium	44-1	5293.59	5297.92	5289.17	5293.56	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.19	51.02	50.57	50.92	0.62	ppb
Cobalt	59-2	52.35	51.56	50.80	51.57	1.50	ppb
Copper	63-2	515.53	511.26	505.11	510.63	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2654.48	2620.04	2538.04	2604.18	2.30	ppb
Iron	57-2	2585.87	2627.37	2545.59	2586.28	1.58	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:33:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2704.39	2731.20	2697.55	2711.05	0.66	ppb
Krypton	83-1						cps
Lead	206-1	228.33	229.76	231.82	229.97	0.76	ppb
Lead	207-1	226.75	228.52	229.23	228.16	0.56	ppb
Lead	208-1	227.90	229.25	230.80	229.32	0.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	5083.81	5032.66	4990.72	5035.73	0.93	ppb
Manganese	55-2	500.49	499.52	489.06	496.36	1.28	ppb
Molybdenum	94-1	253.27	254.91	251.97	253.38	0.58	ppb
Molybdenum	95-1	253.17	255.50	252.12	253.59	0.68	ppb
Molybdenum	96-1	251.53	255.45	253.59	253.53	0.77	ppb
Molybdenum	97-1	253.62	254.56	255.61	254.60	0.39	ppb
Molybdenum	98-1	253.06	255.69	254.43	254.39	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.88	52.45	51.91	52.75	1.92	ppb
Phosphorus	31-2	1087.47	989.83	965.87	1014.39	6.35	ppb
Potassium	39-2	2653.52	2673.08	2647.51	2658.04	0.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	52.63	54.58	53.63	53.62	1.82	ppb
Selenium	77-2	59.01	52.12	49.21	53.45	9.42	ppb
Selenium	78-2	52.35	53.17	56.14	53.89	3.70	ppb
Silicon	28-1	54.03	54.96	56.63	55.20	2.38	ppb
Silver	107-1	56.41	56.49	56.52	56.47	0.10	ppb
Silver	109-1	57.03	56.07	55.93	56.35	1.07	ppb
Sodium	23-2	5065.09	4979.63	4929.08	4991.27	1.38	ppb
Strontium	86-1	49.90	50.31	50.06	50.09	0.41	ppb
Strontium	88-1	50.33	50.96	50.34	50.54	0.72	ppb
Sulfur	34-1	1134.72	1258.72	1135.28	1176.24	6.07	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	47.23	47.07	47.55	47.29	0.52	ppb
Thallium	205-1	46.48	46.92	47.11	46.84	0.69	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:33:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	43.72	43.81	44.05	43.86	0.39	ppb
Tin	118-1	53.19	54.04	53.63	53.62	0.80	ppb
Titanium	47-1	251.91	254.65	253.68	253.41	0.55	ppb
Uranium	238-1	44.50	44.21	44.58	44.43	0.44	ppb
Vanadium	51-2	50.91	50.61	50.25	50.59	0.66	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	520.08	511.00	504.87	511.99	1.49	ppb
Zirconium	90-1	50.28	50.78	50.01	50.36	0.77	ppb
Zirconium	91-1	51.04	51.69	50.41	51.04	1.26	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:36:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.68	2538.93	2526.82	2535.14	0.28	ppb
Antimony	121-1	127.71	128.34	129.04	128.37	0.52	ppb
Arsenic	75-2	128.53	127.42	128.33	128.09	0.46	ppb
Barium	135-1	639.63	639.62	644.97	641.41	0.48	ppb
Barium	137-1	644.13	638.76	641.31	641.40	0.42	ppb
Beryllium	9-1	129.81	129.39	128.14	129.11	0.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	120.44	128.41	128.07	125.64	3.58	ppb
Boron	11-1	118.49	126.43	124.98	123.30	3.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	137.00	136.66	137.82	137.16	0.43	ppb
Cadmium	106-1	137.67	134.01	140.01	137.23	2.20	ppb
Cadmium	108-1	137.00	135.76	135.49	136.09	0.59	ppb
Calcium	43-1	13139.61	13347.47	13109.96	13199.01	0.98	ppb
Calcium	44-1	13110.08	13103.63	13014.54	13076.08	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.70	126.57	124.83	125.70	0.69	ppb
Cobalt	59-2	127.89	125.99	126.44	126.77	0.78	ppb
Copper	63-2	1260.24	1253.25	1246.46	1253.32	0.55	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				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	6523.37	6430.23	6475.18	6476.26	0.72	ppb
Iron	57-2	6444.07	6368.55	6317.67	6376.77	1.00	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:36:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6711.21	6676.99	6692.17	6693.46	0.26	ppb
Krypton	83-1						cps
Lead	206-1	579.44	578.09	574.68	577.40	0.43	ppb
Lead	207-1	573.17	579.04	573.19	575.13	0.59	ppb
Lead	208-1	587.11	590.43	588.16	588.57	0.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	12464.45	12344.24	12368.88	12392.53	0.51	ppb
Manganese	55-2	1232.26	1224.49	1219.53	1225.43	0.52	ppb
Molybdenum	94-1	636.03	631.26	626.92	631.40	0.72	ppb
Molybdenum	95-1	632.65	629.01	631.03	630.90	0.29	ppb
Molybdenum	96-1	632.22	637.71	627.58	632.51	0.80	ppb
Molybdenum	97-1	633.88	633.30	632.26	633.15	0.13	ppb
Molybdenum	98-1	637.42	628.52	632.74	632.89	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.85	127.97	127.15	128.32	1.08	ppb
Phosphorus	31-2	2438.40	2566.66	2592.15	2532.40	3.25	ppb
Potassium	39-2	6530.87	6535.38	6566.63	6544.30	0.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	132.64	132.63	131.48	132.25	0.51	ppb
Selenium	77-2	120.13	121.35	125.02	122.17	2.08	ppb
Selenium	78-2	128.47	131.20	129.40	129.69	1.07	ppb
Silicon	28-1	131.85	135.59	135.05	134.17	1.51	ppb
Silver	107-1	137.75	138.65	138.34	138.25	0.33	ppb
Silver	109-1	138.57	137.16	137.53	137.75	0.53	ppb
Sodium	23-2	12527.22	12487.91	12508.01	12507.72	0.16	ppb
Strontium	86-1	125.02	124.86	124.19	124.69	0.35	ppb
Strontium	88-1	126.95	125.01	125.42	125.80	0.81	ppb
Sulfur	34-1	2412.10	2281.44	2286.52	2326.69	3.18	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	118.90	117.30	116.78	117.66	0.94	ppb
Thallium	205-1	117.87	117.04	116.54	117.15	0.57	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:36:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	111.65	111.34	110.31	111.10	0.63	ppb
Tin	118-1	130.75	133.49	132.42	132.22	1.04	ppb
Titanium	47-1	629.73	625.79	629.41	628.31	0.35	ppb
Uranium	238-1	112.79	112.32	111.06	112.06	0.80	ppb
Vanadium	51-2	125.00	124.72	123.79	124.50	0.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1263.64	1245.83	1256.76	1255.41	0.72	ppb
Zirconium	90-1	126.28	125.28	124.85	125.47	0.59	ppb
Zirconium	91-1	129.45	127.32	126.09	127.62	1.33	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:39:16	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5093.68	5052.99	4991.12	5045.93	1.02	ppb
Antimony	121-1	254.26	254.86	257.40	255.51	0.65	ppb
Arsenic	75-2	248.64	251.34	251.17	250.38	0.60	ppb
Barium	135-1	1265.75	1259.52	1270.61	1265.29	0.44	ppb
Barium	137-1	1271.76	1266.19	1276.66	1271.54	0.41	ppb
Beryllium	9-1	252.26	256.64	255.12	254.67	0.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	240.42	251.56	249.60	247.19	2.41	ppb
Boron	11-1	242.50	248.86	250.95	247.44	1.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	266.70	266.92	267.35	266.99	0.12	ppb
Cadmium	106-1	265.69	268.35	272.37	268.80	1.25	ppb
Cadmium	108-1	272.04	266.28	272.44	270.25	1.28	ppb
Calcium	43-1	26042.81	26104.97	26323.64	26157.14	0.56	ppb
Calcium	44-1	25276.66	24792.51	24979.21	25016.13	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.33	247.20	247.50	247.34	0.06	ppb
Cobalt	59-2	250.18	251.35	250.39	250.64	0.25	ppb
Copper	63-2	2558.82	2502.64	2544.33	2535.26	1.15	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				101		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	12743.68	12809.06	12848.21	12800.32	0.41	ppb
Iron	57-2	12642.96	12786.78	12754.74	12728.16	0.59	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:39:16	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13300.33	13249.79	13240.12	13263.41	0.24	ppb
Krypton	83-1						cps
Lead	206-1	1250.03	1246.32	1199.85	1232.07	2.27	ppb
Lead	207-1	1249.86	1254.11	1178.47	1227.48	3.46	ppb
Lead	208-1	1241.82	1248.26	1185.24	1225.11	2.83	ppb
Lithium	6-1				95		%
Magnesium	24-2	24976.66	24679.87	24719.70	24792.08	0.65	ppb
Manganese	55-2	2453.82	2454.49	2450.25	2452.85	0.09	ppb
Molybdenum	94-1	1251.25	1266.61	1252.77	1256.87	0.67	ppb
Molybdenum	95-1	1266.53	1265.38	1260.11	1264.01	0.27	ppb
Molybdenum	96-1	1263.46	1265.36	1267.60	1265.48	0.16	ppb
Molybdenum	97-1	1260.51	1262.28	1263.53	1262.11	0.12	ppb
Molybdenum	98-1	1252.46	1273.66	1268.42	1264.85	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.56	255.40	254.01	253.99	0.56	ppb
Phosphorus	31-2	5075.31	4896.33	4936.68	4969.44	1.89	ppb
Potassium	39-2	12853.13	12906.35	12820.50	12859.99	0.34	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	82-1	261.05	263.89	261.89	262.28	0.56	ppb
Selenium	77-2	252.72	259.76	258.28	256.92	1.44	ppb
Selenium	78-2	255.94	257.95	248.52	254.14	1.96	ppb
Silicon	28-1	264.05	275.68	280.63	273.45	3.11	ppb
Silver	107-1	268.44	268.46	267.36	268.09	0.23	ppb
Silver	109-1	269.98	267.30	268.82	268.70	0.50	ppb
Sodium	23-2	25156.85	24709.16	24810.35	24892.12	0.94	ppb
Strontium	86-1	247.73	250.96	248.52	249.07	0.68	ppb
Strontium	88-1	250.01	253.14	250.79	251.31	0.65	ppb
Sulfur	34-1	5129.55	5036.35	5069.51	5078.47	0.93	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	245.59	242.45	232.04	240.03	2.96	ppb
Thallium	205-1	245.87	241.84	233.30	240.34	2.67	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:39:16	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	243.24	243.37	229.42	238.68	3.36	ppb
Tin	118-1	259.91	259.84	260.08	259.94	0.05	ppb
Titanium	47-1	1252.01	1253.33	1257.07	1254.14	0.21	ppb
Uranium	238-1	242.22	239.79	229.90	237.30	2.75	ppb
Vanadium	51-2	247.17	245.40	245.40	245.99	0.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	2494.93	2520.53	2502.78	2506.08	0.52	ppb
Zirconium	90-1	251.25	250.88	250.35	250.83	0.18	ppb
Zirconium	91-1	254.06	254.32	256.83	255.07	0.60	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:42:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9951.27	9971.92	10037.16	9986.78	0.45	ppb
Antimony	121-1	476.51	491.47	491.36	486.45	1.77	ppb
Arsenic	75-2	492.48	497.63	495.75	495.29	0.53	ppb
Barium	135-1	2369.47	2454.86	2472.28	2432.20	2.26	ppb
Barium	137-1	2398.15	2532.45	2520.82	2483.81	3.00	ppb
Beryllium	9-1	484.14	500.34	501.78	495.42	1.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	456.86	497.96	512.71	489.18	5.92	ppb
Boron	11-1	460.24	498.54	507.61	488.80	5.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	488.81	510.94	508.27	502.67	2.40	ppb
Cadmium	106-1	487.48	510.94	508.57	502.33	2.57	ppb
Cadmium	108-1	490.10	514.40	504.25	502.92	2.43	ppb
Calcium	43-1	50437.15	51907.50	51624.84	51323.16	1.52	ppb
Calcium	44-1	47885.11	49900.68	49856.56	49214.12	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.45	490.41	496.02	491.63	0.80	ppb
Cobalt	59-2	495.01	497.28	501.80	498.03	0.69	ppb
Copper	63-2	4930.49	4973.02	5017.03	4973.51	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	25535.09	25739.92	25742.78	25672.60	0.46	ppb
Iron	57-2	25337.53	25380.17	25555.04	25424.25	0.45	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:42:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26330.83	26544.21	26600.24	26491.76	0.54	ppb
Krypton	83-1						cps
Lead	206-1	2314.33	2440.32	2479.61	2411.42	3.58	ppb
Lead	207-1	2316.13	2480.48	2461.33	2419.31	3.71	ppb
Lead	208-1	2300.25	2453.44	2471.98	2408.56	3.91	ppb
Lithium	6-1				88		%
Magnesium	24-2	49517.98	49323.38	50184.42	49675.26	0.91	ppb
Manganese	55-2	4906.01	4925.39	4919.78	4917.06	0.20	ppb
Molybdenum	94-1	2439.26	2504.25	2536.60	2493.37	1.99	ppb
Molybdenum	95-1	2457.17	2494.34	2494.16	2481.89	0.86	ppb
Molybdenum	96-1	2427.49	2505.82	2503.93	2479.08	1.80	ppb
Molybdenum	97-1	2422.27	2473.16	2494.41	2463.28	1.50	ppb
Molybdenum	98-1	2440.01	2492.39	2500.24	2477.55	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.48	498.84	502.90	499.74	0.56	ppb
Phosphorus	31-2	10063.52	10069.19	9808.86	9980.52	1.49	ppb
Potassium	39-2	24350.93	24436.55	24488.13	24425.20	0.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	82-1	495.08	512.18	508.03	505.10	1.77	ppb
Selenium	77-2	511.10	477.28	503.08	497.15	3.55	ppb
Selenium	78-2	503.48	503.92	502.72	503.38	0.12	ppb
Silicon	28-1	496.76	526.73	549.67	524.39	5.06	ppb
Silver	107-1	485.93	505.90	505.85	499.23	2.31	ppb
Silver	109-1	477.89	507.87	504.35	496.70	3.30	ppb
Sodium	23-2	49580.74	49410.39	50043.65	49678.26	0.66	ppb
Strontium	86-1	483.46	501.84	506.37	497.22	2.44	ppb
Strontium	88-1	479.46	495.98	503.34	492.93	2.48	ppb
Sulfur	34-1	9406.83	9780.59	9796.56	9661.33	2.28	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	456.41	484.58	491.00	477.33	3.85	ppb
Thallium	205-1	464.94	483.60	495.94	481.49	3.24	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:42:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	455.51	488.37	496.76	480.21	4.54	ppb
Tin	118-1	484.22	502.24	501.27	495.91	2.04	ppb
Titanium	47-1	2403.69	2452.42	2483.34	2446.49	1.64	ppb
Uranium	238-1	457.70	486.93	488.40	477.68	3.62	ppb
Vanadium	51-2	489.15	488.44	494.46	490.68	0.67	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%
Zinc	66-2	4890.48	4923.50	4985.84	4933.27	0.98	ppb
Zirconium	90-1	490.65	499.40	500.96	497.00	1.12	ppb
Zirconium	91-1	487.21	498.23	504.96	496.80	1.80	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:45:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20149.11	20101.99	20167.25	20139.45	0.17	ppb
Antimony	121-1	992.55	1005.49	1016.60	1004.88	1.20	ppb
Arsenic	75-2	999.44	999.69	1006.34	1001.82	0.39	ppb
Barium	135-1	4967.08	5032.74	5082.65	5027.49	1.15	ppb
Barium	137-1	4966.27	4990.47	5043.78	5000.17	0.79	ppb
Beryllium	9-1	992.38	996.33	1012.78	1000.50	1.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	977.77	1010.69	1029.68	1006.05	2.61	ppb
Boron	11-1	968.98	1014.70	1035.54	1006.41	3.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	984.24	993.44	1000.15	992.61	0.80	ppb
Cadmium	106-1	990.81	982.96	1003.04	992.27	1.02	ppb
Cadmium	108-1	980.00	1001.96	993.27	991.74	1.12	ppb
Calcium	43-1	103357.82	104961.71	106300.88	104873.47	1.41	ppb
Calcium	44-1	98548.33	101204.64	101214.64	100322.54	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.25	1001.90	1007.01	1004.72	0.26	ppb
Cobalt	59-2	993.42	997.24	1010.91	1000.52	0.92	ppb
Copper	63-2	9919.71	9990.01	10100.72	10003.48	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				80		%
Iron	56-2	52630.99	52428.76	52527.46	52529.07	0.19	ppb
Iron	57-2	51645.68	51354.24	51937.55	51645.82	0.56	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:45:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52746.22	52412.64	53256.19	52805.02	0.80	ppb
Krypton	83-1						cps
Lead	206-1	4960.77	5128.85	5077.55	5055.73	1.70	ppb
Lead	207-1	5033.18	5075.88	5050.83	5053.30	0.42	ppb
Lead	208-1	5003.08	5080.81	5088.71	5057.53	0.94	ppb
Lithium	6-1				83		%
Magnesium	24-2	100717.74	99776.61	100768.06	100420.80	0.56	ppb
Manganese	55-2	10140.74	9969.88	10058.91	10056.51	0.85	ppb
Molybdenum	94-1	4928.56	5041.41	5031.91	5000.63	1.25	ppb
Molybdenum	95-1	4903.32	5033.85	5076.74	5004.64	1.80	ppb
Molybdenum	96-1	4956.98	4976.05	5083.40	5005.48	1.36	ppb
Molybdenum	97-1	5007.90	5001.97	5032.39	5014.08	0.32	ppb
Molybdenum	98-1	4953.02	5029.39	5036.52	5006.31	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.19	995.06	1006.48	998.58	0.69	ppb
Phosphorus	31-2	20140.68	19910.93	19986.21	20012.61	0.59	ppb
Potassium	39-2	49043.08	49995.81	49325.84	49454.91	0.99	ppb
Rhodium	103-1				80		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	82-1	979.03	1001.64	999.21	993.29	1.25	ppb
Selenium	77-2	992.75	999.82	1007.05	999.87	0.71	ppb
Selenium	78-2	989.57	995.78	1004.13	996.50	0.73	ppb
Silicon	28-1	958.39	981.94	1001.26	980.53	2.19	ppb
Silver	107-1	991.09	993.72	996.85	993.89	0.29	ppb
Silver	109-1	989.61	998.31	997.26	995.06	0.48	ppb
Sodium	23-2	100445.62	100412.60	101658.56	100838.93	0.70	ppb
Strontium	86-1	992.41	1001.19	1011.37	1001.66	0.95	ppb
Strontium	88-1	979.15	1013.07	1017.02	1003.08	2.08	ppb
Sulfur	34-1	19667.20	20362.76	20457.75	20162.57	2.14	ppb
Terbium	159-1				96		%
Terbium	159-2				90		%
Thallium	203-1	1002.34	1030.22	1012.09	1014.88	1.39	ppb
Thallium	205-1	1000.83	1024.47	1013.13	1012.81	1.17	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:45:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1008.88	1011.44	1023.99	1014.77	0.80	ppb
Tin	118-1	988.46	999.87	1007.09	998.47	0.94	ppb
Titanium	47-1	4949.76	5023.87	5101.78	5025.14	1.51	ppb
Uranium	238-1	1000.60	1021.39	1026.71	1016.23	1.36	ppb
Vanadium	51-2	1005.05	1002.82	1009.21	1005.70	0.32	ppb
Yttrium	89-1				87		%
Yttrium	89-2				82		%
Zinc	66-2	9971.82	10029.08	10090.80	10030.57	0.59	ppb
Zirconium	90-1	1001.20	1001.32	1001.13	1001.22	0.01	ppb
Zirconium	91-1	993.05	1001.11	1005.69	999.95	0.64	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:48:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98894.50	98487.10	102528.29	99969.96	2.23	ppb
Antimony	121-1	0.57	0.58	0.58	0.58	1.40	ppb
Arsenic	75-2	0.45	0.35	0.39	0.39	12.90	ppb
Barium	135-1	2.00	1.91	1.83	1.91	4.33	ppb
Barium	137-1	2.04	1.92	2.02	1.99	3.24	ppb
Beryllium	9-1	0.15	0.14	0.09	0.13	26.79	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	41.00	32.63	30.54	34.72	15.94	ppb
Boron	11-1	39.48	35.15	30.52	35.05	12.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.19	0.25	0.41	0.28	39.22	ppb
Cadmium	106-1	-0.42	0.35	2.40	0.77	188.81	ppb
Cadmium	108-1	1.73	1.46	1.62	1.61	8.42	ppb
Calcium	43-1	494519.99	499734.13	502188.08	498814.07	0.79	ppb
Calcium	44-1	497474.21	498836.26	503677.31	499995.93	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.02	3.08	3.13	3.08	1.72	ppb
Cobalt	59-2	2.57	2.51	2.48	2.52	1.94	ppb
Copper	63-2	2.18	2.21	2.32	2.24	3.31	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				96		%
Holmium	165-2				93		%
Indium	115-1				83		%
Indium	115-2				87		%
Iron	56-2	249052.43	246126.89	253036.32	249405.21	1.39	ppb
Iron	57-2	248590.05	248107.60	252141.25	249612.97	0.88	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:48:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247596.53	247356.19	252762.64	249238.45	1.23	ppb
Krypton	83-1						cps
Lead	206-1	1.61	1.62	1.52	1.58	3.44	ppb
Lead	207-1	1.64	1.54	1.57	1.59	3.25	ppb
Lead	208-1	1.56	1.59	1.55	1.56	1.39	ppb
Lithium	6-1				83		%
Magnesium	24-2	494238.08	497885.39	507759.71	499961.06	1.40	ppb
Manganese	55-2	8.95	8.69	8.95	8.86	1.70	ppb
Molybdenum	94-1	1.37	1.47	1.36	1.40	4.20	ppb
Molybdenum	95-1	1.35	1.27	1.32	1.31	3.14	ppb
Molybdenum	96-1	1.61	1.57	1.55	1.57	1.91	ppb
Molybdenum	97-1	1.42	1.39	1.15	1.32	10.94	ppb
Molybdenum	98-1	1.30	1.26	1.24	1.27	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	3.71	3.94	3.85	3.14	ppb
Phosphorus	31-2	16.37	-8.18	-2.65	1.84	698.07	ppb
Potassium	39-2	249006.10	247632.38	253780.19	250139.56	1.29	ppb
Rhodium	103-1				76		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				90		%
Selenium	82-1	0.00	0.30	-0.19	0.04	665.80	ppb
Selenium	77-2	0.72	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	-0.85	-0.99	0.13	-0.57		ppb
Silicon	28-1	32.04	35.82	36.45	34.77	6.86	ppb
Silver	107-1	0.26	0.27	0.22	0.25	10.30	ppb
Silver	109-1	0.25	0.23	0.26	0.25	7.03	ppb
Sodium	23-2	498283.70	494555.75	506769.62	499869.69	1.25	ppb
Strontium	86-1	0.42	0.39	0.39	0.40	5.34	ppb
Strontium	88-1	0.40	0.40	0.40	0.40	0.71	ppb
Sulfur	34-1	-550.44	-419.04	-569.01	-512.83		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.43	0.36	0.33	0.37	13.15	ppb
Thallium	205-1	0.46	0.36	0.30	0.37	22.37	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:48:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.14	0.13	0.12	0.13	9.47	ppb
Tin	118-1	0.45	0.42	0.37	0.41	10.25	ppb
Titanium	47-1	0.98	1.06	1.06	1.03	4.60	ppb
Uranium	238-1	0.13	0.13	0.12	0.12	5.12	ppb
Vanadium	51-2	0.11	0.14	0.13	0.13	10.02	ppb
Yttrium	89-1				87		%
Yttrium	89-2				92		%
Zinc	66-2	16.37	17.10	17.23	16.90	2.75	ppb
Zirconium	90-1	0.22	0.24	0.26	0.24	8.34	ppb
Zirconium	91-1	0.26	0.23	0.25	0.25	4.94	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:00:24 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	501.60	498.18	487.26	495.68	1.51	ppb
Antimony	121-1	201.33	197.84	205.90	201.69	2.00	ppb
Arsenic	75-2	201.27	206.52	207.11	204.97	1.57	ppb
Barium	135-1	103.91	101.31	104.55	103.26	1.66	ppb
Barium	137-1	103.26	101.22	103.97	102.82	1.39	ppb
Beryllium	9-1	102.87	99.44	102.17	101.49	1.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	0.79	0.32	0.70	0.60	40.63	ppb
Boron	11-1	0.36	0.16	0.01	0.18	99.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	91.55	88.46	93.84	91.29	2.96	ppb
Cadmium	106-1	87.40	82.70	90.05	86.72	4.29	ppb
Cadmium	108-1	94.29	90.72	98.14	94.39	3.93	ppb
Calcium	43-1	1935.45	1885.71	1955.36	1925.51	1.86	ppb
Calcium	44-1	1951.18	1914.25	1982.07	1949.17	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.81	98.35	98.59	98.58	0.24	ppb
Cobalt	59-2	101.57	100.87	99.75	100.73	0.91	ppb
Copper	63-2	99.47	97.95	97.85	98.42	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	2020.29	1975.68	1976.45	1990.81	1.28	ppb
Iron	57-2	1970.24	1930.31	1947.45	1949.33	1.03	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:00:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2084.53	2079.06	2074.37	2079.32	0.24	ppb
Krypton	83-1						cps
Lead	206-1	195.05	187.37	192.73	191.72	2.05	ppb
Lead	207-1	186.31	180.87	184.71	183.96	1.52	ppb
Lead	208-1	189.74	184.48	189.40	187.87	1.57	ppb
Lithium	6-1				105		%
Magnesium	24-2	1132.50	1104.10	1102.23	1112.94	1.52	ppb
Manganese	55-2	95.18	92.87	93.18	93.74	1.34	ppb
Molybdenum	94-1	0.04	0.13	0.09	0.09	48.82	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	26.88	ppb
Molybdenum	96-1	0.08	0.10	0.11	0.10	14.81	ppb
Molybdenum	97-1	0.05	0.06	0.03	0.05	29.15	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	10.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.91	103.29	101.84	103.35	1.48	ppb
Phosphorus	31-2	-18.53	5.37	-1.53	-4.90		ppb
Potassium	39-2	1945.54	1963.74	1995.86	1968.38	1.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	215.77	207.29	214.41	212.49	2.14	ppb
Selenium	77-2	222.15	212.33	207.49	213.99	3.49	ppb
Selenium	78-2	222.31	211.32	203.01	212.21	4.56	ppb
Silicon	28-1	2.59	2.97	4.25	3.27	26.52	ppb
Silver	107-1	53.71	53.13	55.01	53.95	1.78	ppb
Silver	109-1	54.01	53.31	55.46	54.26	2.01	ppb
Sodium	23-2	1921.45	1879.03	1885.66	1895.38	1.20	ppb
Strontium	86-1	0.04	0.02	0.02	0.03	41.13	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.37	ppb
Sulfur	34-1	151.21	-273.09	-62.37	-61.42		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	196.50	191.33	197.95	195.26	1.78	ppb
Thallium	205-1	194.81	191.50	195.34	193.88	1.07	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:00:24	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	9.42	ppb
Tin	118-1	0.10	0.09	0.09	0.10	5.38	ppb
Titanium	47-1	0.05	0.05	0.06	0.05	11.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	6.92	ppb
Vanadium	51-2	95.73	96.65	96.06	96.15	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	196.71	193.34	193.57	194.54	0.97	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	31.57	ppb
Zirconium	91-1	0.13	0.09	0.12	0.11	19.38	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	25.04	23.50	23.48	6.68	ppb
Antimony	121-1	2.23	2.20	2.19	2.20	0.97	ppb
Arsenic	75-2	0.86	1.00	0.96	0.94	7.53	ppb
Barium	135-1	10.84	10.29	10.23	10.45	3.21	ppb
Barium	137-1	10.81	10.36	10.35	10.51	2.50	ppb
Beryllium	9-1	1.12	0.99	1.15	1.09	8.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	22.81	25.96	23.90	24.22	6.60	ppb
Boron	11-1	23.28	25.26	23.22	23.92	4.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.17	1.12	1.25	1.18	5.53	ppb
Cadmium	106-1	1.04	-0.08	0.57	0.51	110.56	ppb
Cadmium	108-1	1.50	1.07	1.22	1.26	17.50	ppb
Calcium	43-1	537.04	478.20	516.90	510.71	5.86	ppb
Calcium	44-1	533.42	506.20	513.74	517.79	2.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.00	1.97	1.95	1.97	1.27	ppb
Cobalt	59-2	0.99	1.04	1.01	1.01	2.51	ppb
Copper	63-2	1.88	1.83	1.85	1.85	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	51.75	52.85	51.74	52.11	1.22	ppb
Iron	57-2	56.04	49.60	49.46	51.70	7.28	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.19	51.38	52.27	52.95	3.77	ppb
Krypton	83-1						cps
Lead	206-1	1.06	0.91	0.99	0.98	7.68	ppb
Lead	207-1	1.06	0.93	0.96	0.98	6.70	ppb
Lead	208-1	1.05	0.93	0.98	0.99	5.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	480.06	490.80	468.60	479.82	2.31	ppb
Manganese	55-2	1.01	0.98	0.95	0.98	3.06	ppb
Molybdenum	94-1	5.16	4.88	4.92	4.99	3.02	ppb
Molybdenum	95-1	5.29	4.91	5.12	5.11	3.64	ppb
Molybdenum	96-1	5.37	5.04	4.94	5.12	4.47	ppb
Molybdenum	97-1	5.31	4.84	5.06	5.07	4.60	ppb
Molybdenum	98-1	5.33	4.95	4.92	5.07	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.06	1.03	1.10	8.85	ppb
Phosphorus	31-2	-11.17	-15.33	-22.72	-16.41		ppb
Potassium	39-2	510.23	504.03	499.20	504.49	1.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	6.33	4.91	5.08	5.44	14.27	ppb
Selenium	77-2	6.02	6.16	4.42	5.54	17.48	ppb
Selenium	78-2	4.27	4.33	3.93	4.18	5.20	ppb
Silicon	28-1	14.06	11.43	11.24	12.24	12.88	ppb
Silver	107-1	1.22	1.12	1.11	1.15	5.10	ppb
Silver	109-1	1.21	1.08	1.13	1.14	6.15	ppb
Sodium	23-2	491.13	496.62	486.68	491.48	1.01	ppb
Strontium	86-1	0.10	0.10	0.11	0.10	4.31	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	2.31	ppb
Sulfur	34-1	1160.88	532.08	394.77	695.91	58.70	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.02	0.93	0.98	0.98	4.31	ppb
Thallium	205-1	0.98	0.91	0.96	0.95	3.99	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.54	5.27	5.20	5.33	3.38	ppb
Titanium	47-1	5.23	5.19	5.08	5.17	1.46	ppb
Uranium	238-1	0.93	0.82	0.84	0.86	6.80	ppb
Vanadium	51-2	4.85	5.02	4.97	4.95	1.69	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	2.31	2.14	2.33	2.26	4.49	ppb
Zirconium	90-1	0.95	0.97	0.95	0.96	1.02	ppb
Zirconium	91-1	0.89	0.92	0.87	0.89	2.73	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:16:36 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.17	0.48	0.38	47.33	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	9.66	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.16	ppb
Beryllium	9-1	0.04	0.00	-0.01	0.01	228.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	0.40	0.22	0.09	0.24	65.05	ppb
Boron	11-1	0.12	-0.01	0.13	0.08	102.61	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.19	-0.06	-0.08	-0.11		ppb
Cadmium	106-1	-2.80	-0.95	-1.29	-1.68		ppb
Cadmium	108-1	-0.02	-0.07	-0.05	-0.04		ppb
Calcium	43-1	9.83	5.68	4.51	6.68	41.85	ppb
Calcium	44-1	3.82	3.44	3.98	3.75	7.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2944.51	ppb
Copper	63-2	-0.08	-0.08	-0.08	-0.08		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				103		%
Iron	56-2	0.83	0.79	0.78	0.80	3.87	ppb
Iron	57-2	0.99	1.47	1.69	1.38	26.10	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:16:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.90	0.94	-0.11	0.58	103.07	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	13.27	ppb
Lead	207-1	0.08	0.05	0.06	0.06	23.41	ppb
Lead	208-1	0.06	0.05	0.06	0.06	6.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.34	0.11	0.50	0.32	61.66	ppb
Manganese	55-2	0.04	0.06	0.03	0.04	30.25	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	63.75	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	93.45	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	113.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.07	-0.04	-0.07		ppb
Phosphorus	31-2	-5.41	-4.08	-7.19	-5.56		ppb
Potassium	39-2	2.96	4.49	5.95	4.46	33.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-1.28	0.34	0.38	-0.19		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.26	-0.55	-0.32		ppb
Silicon	28-1	0.09	0.27	-0.11	0.08	221.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	423.76	ppb
Silver	109-1	0.00	0.00	0.00	0.00	29.70	ppb
Sodium	23-2	4.46	4.44	4.49	4.47	0.52	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.25	ppb
Sulfur	34-1	50.41	98.09	77.01	75.17	31.79	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:16:36	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.07	0.07	0.08	6.51	ppb
Titanium	47-1	0.01	0.03	0.02	0.02	47.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	511.37	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	61.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.51	0.50	0.53	0.51	3.37	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	975.14	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:19:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91705.31	90715.36	90765.02	91061.90	0.61	ppb
Antimony	121-1	1.10	1.11	1.11	1.11	0.49	ppb
Arsenic	75-2	0.36	0.35	0.28	0.33	12.87	ppb
Barium	135-1	1.23	1.32	1.38	1.31	5.91	ppb
Barium	137-1	1.29	1.29	1.43	1.34	5.91	ppb
Beryllium	9-1	0.26	0.30	0.20	0.25	19.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	0.58	0.44	1.25	0.76	57.43	ppb
Boron	11-1	0.98	0.53	0.58	0.70	36.06	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.21	0.25	0.30	0.26	17.79	ppb
Cadmium	106-1	-2.78	-1.41	-2.19	-2.13		ppb
Cadmium	108-1	15.87	14.97	13.67	14.83	7.46	ppb
Calcium	43-1	96910.01	96010.77	98366.19	97095.66	1.22	ppb
Calcium	44-1	94935.15	94210.70	94422.14	94522.66	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.18	18.79	18.92	18.97	1.04	ppb
Cobalt	59-2	1.17	1.20	1.17	1.18	1.65	ppb
Copper	63-2	9.86	9.89	9.97	9.91	0.58	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				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	98653.10	98021.96	97725.55	98133.54	0.48	ppb
Iron	57-2	96027.73	96743.35	96445.37	96405.48	0.37	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:19:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	98324.96	97966.01	99463.96	98584.98	0.79	ppb
Krypton	83-1						cps
Lead	206-1	4.54	4.37	4.43	4.45	1.99	ppb
Lead	207-1	4.07	4.01	3.86	3.98	2.72	ppb
Lead	208-1	4.28	4.14	4.10	4.17	2.28	ppb
Lithium	6-1				93		%
Magnesium	24-2	90710.15	89780.36	89327.08	89939.19	0.78	ppb
Manganese	55-2	7.24	6.98	7.31	7.17	2.44	ppb
Molybdenum	94-1	1295.23	1302.68	1308.94	1302.28	0.53	ppb
Molybdenum	95-1	1929.70	1930.73	1922.83	1927.75	0.22	ppb
Molybdenum	96-1	1843.19	1820.44	1866.62	1843.42	1.25	ppb
Molybdenum	97-1	1893.65	1894.03	1912.72	1900.13	0.57	ppb
Molybdenum	98-1	1926.04	1906.23	1914.62	1915.63	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.43	5.09	5.35	4.24	ppb
Phosphorus	31-2	96641.13	96978.28	96909.02	96842.81	0.18	ppb
Potassium	39-2	93134.57	92649.00	92644.27	92809.28	0.30	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	-0.15	-0.73	-0.53	-0.47		ppb
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	-0.21	-0.34	-0.23	-0.26		ppb
Silicon	28-1	16.75	18.61	19.14	18.17	6.92	ppb
Silver	107-1	0.02	0.01	0.02	0.01	45.68	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.77	ppb
Sodium	23-2	96231.11	94611.44	95035.51	95292.69	0.88	ppb
Strontium	86-1	3.35	3.37	3.38	3.36	0.48	ppb
Strontium	88-1	3.33	3.35	3.31	3.33	0.63	ppb
Sulfur	34-1	101779.24	97544.24	100537.33	99953.60	2.18	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.18	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	10.23	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:19:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	152.65	ppb
Tin	118-1	0.17	0.21	0.17	0.18	14.11	ppb
Titanium	47-1	1955.43	1954.83	1972.36	1960.88	0.51	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.56	ppb
Vanadium	51-2	0.16	0.18	0.16	0.16	8.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	11.29	11.38	11.66	11.44	1.65	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	40.84	ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	192.26	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:29:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95771.92	94825.90	94783.85	95127.23	0.59	ppb
Antimony	121-1	20.20	20.27	20.48	20.31	0.72	ppb
Arsenic	75-2	20.30	19.95	20.13	20.13	0.86	ppb
Barium	135-1	20.76	20.83	20.91	20.84	0.36	ppb
Barium	137-1	20.43	21.17	21.77	21.12	3.19	ppb
Beryllium	9-1	18.85	19.37	20.32	19.51	3.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	0.42	0.87	1.07	0.79	42.18	ppb
Boron	11-1	0.65	0.41	0.80	0.62	31.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.04	19.33	19.61	19.33	1.49	ppb
Cadmium	106-1	10.22	11.78	10.70	10.90	7.32	ppb
Cadmium	108-1	32.89	31.49	33.68	32.68	3.39	ppb
Calcium	43-1	100473.55	102409.00	102686.72	101856.42	1.18	ppb
Calcium	44-1	98350.90	99946.38	98870.44	99055.91	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.75	38.90	38.86	38.84	0.20	ppb
Cobalt	59-2	20.56	20.56	20.57	20.56	0.05	ppb
Copper	63-2	26.41	26.10	25.69	26.07	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	104136.76	102741.15	103130.60	103336.17	0.70	ppb
Iron	57-2	103131.15	101699.39	101195.83	102008.79	0.98	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:29:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	103918.62	103669.81	102487.60	103358.67	0.74	ppb
Krypton	83-1						cps
Lead	206-1	23.35	23.57	23.67	23.53	0.71	ppb
Lead	207-1	22.11	22.65	22.67	22.48	1.40	ppb
Lead	208-1	22.67	22.91	22.89	22.82	0.60	ppb
Lithium	6-1				91		%
Magnesium	24-2	95080.54	94401.44	94202.34	94561.44	0.49	ppb
Manganese	55-2	26.05	26.03	26.22	26.10	0.41	ppb
Molybdenum	94-1	1352.04	1361.03	1380.30	1364.46	1.06	ppb
Molybdenum	95-1	2007.11	2023.04	2059.43	2029.86	1.32	ppb
Molybdenum	96-1	1943.43	1943.03	1962.89	1949.78	0.58	ppb
Molybdenum	97-1	1985.38	1990.08	2033.04	2002.83	1.31	ppb
Molybdenum	98-1	2011.88	1985.46	2044.25	2013.87	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	24.71	24.75	24.76	0.24	ppb
Phosphorus	31-2	101520.29	101144.50	101730.62	101465.14	0.29	ppb
Potassium	39-2	97462.27	97260.07	97158.86	97293.73	0.16	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	19.31	18.99	20.63	19.64	4.42	ppb
Selenium	77-2	18.76	21.56	21.33	20.55	7.56	ppb
Selenium	78-2	19.10	19.46	19.26	19.27	0.93	ppb
Silicon	28-1	17.73	19.63	20.02	19.13	6.41	ppb
Silver	107-1	18.46	19.11	19.21	18.93	2.17	ppb
Silver	109-1	18.85	18.87	19.29	19.01	1.32	ppb
Sodium	23-2	100186.54	100107.41	99535.51	99943.15	0.36	ppb
Strontium	86-1	3.52	3.45	3.57	3.51	1.69	ppb
Strontium	88-1	3.45	3.49	3.52	3.49	1.13	ppb
Sulfur	34-1	101791.82	104516.76	104459.13	103589.24	1.50	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	19.18	19.39	19.39	19.32	0.62	ppb
Thallium	205-1	19.07	19.40	19.43	19.30	1.05	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:29:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	100.45	ppb
Tin	118-1	0.16	0.16	0.20	0.17	12.96	ppb
Titanium	47-1	2033.77	2061.73	2059.42	2051.64	0.76	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	5.26	ppb
Vanadium	51-2	18.91	18.98	18.97	18.95	0.20	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	29.96	30.64	30.63	30.41	1.28	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	47.70	ppb
Zirconium	91-1	0.00	0.03	0.01	0.02	99.56	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:32:10	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48606.65	48443.71	48832.41	48627.59	0.40	ppb
Antimony	121-1	494.02	496.19	484.03	491.41	1.32	ppb
Arsenic	75-2	519.46	520.11	524.25	521.28	0.50	ppb
Barium	135-1	2458.04	2479.22	2462.72	2466.66	0.45	ppb
Barium	137-1	2515.52	2530.52	2496.86	2514.30	0.67	ppb
Beryllium	9-1	495.24	492.34	490.82	492.80	0.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	477.48	491.90	505.44	491.61	2.84	ppb
Boron	11-1	480.26	494.46	514.28	496.33	3.44	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	525.45	527.70	521.72	524.96	0.57	ppb
Cadmium	106-1	536.26	529.90	529.98	532.05	0.69	ppb
Cadmium	108-1	532.48	535.79	536.59	534.95	0.41	ppb
Calcium	43-1	245553.70	241717.18	249521.90	245597.59	1.59	ppb
Calcium	44-1	241360.14	242013.82	240798.45	241390.81	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.17	484.35	483.91	484.48	0.13	ppb
Cobalt	59-2	495.61	500.55	499.02	498.39	0.51	ppb
Copper	63-2	4961.33	4987.94	4909.44	4952.90	0.81	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				103		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	124401.91	123883.63	124380.90	124222.15	0.24	ppb
Iron	57-2	121827.71	121986.59	122616.34	122143.55	0.34	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:32:10	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	123705.19	124826.75	123350.67	123960.87	0.62	ppb
Krypton	83-1						cps
Lead	206-1	2548.12	2514.45	2542.36	2534.97	0.71	ppb
Lead	207-1	2575.60	2557.12	2543.82	2558.85	0.62	ppb
Lead	208-1	2555.15	2538.52	2529.01	2540.89	0.52	ppb
Lithium	6-1				88		%
Magnesium	24-2	245122.89	243631.12	240640.52	243131.51	0.94	ppb
Manganese	55-2	4956.83	5030.31	5001.27	4996.14	0.74	ppb
Molybdenum	94-1	2489.78	2509.00	2450.58	2483.12	1.20	ppb
Molybdenum	95-1	2504.64	2539.78	2460.57	2501.66	1.59	ppb
Molybdenum	96-1	2490.69	2533.96	2473.85	2499.50	1.24	ppb
Molybdenum	97-1	2453.80	2503.88	2424.54	2460.74	1.63	ppb
Molybdenum	98-1	2499.58	2519.36	2466.84	2495.26	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.48	543.52	545.66	544.22	0.23	ppb
Phosphorus	31-2	9789.56	9840.36	9840.71	9823.54	0.30	ppb
Potassium	39-2	131054.36	132295.85	132073.19	131807.80	0.50	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	512.12	514.23	510.18	512.18	0.40	ppb
Selenium	77-2	520.47	513.14	513.08	515.56	0.82	ppb
Selenium	78-2	502.51	495.46	507.38	501.78	1.19	ppb
Silicon	28-1	516.52	537.11	561.89	538.51	4.22	ppb
Silver	107-1	516.58	522.55	514.93	518.02	0.77	ppb
Silver	109-1	519.45	522.27	517.42	519.71	0.47	ppb
Sodium	23-2	241086.62	242825.03	243310.27	242407.31	0.48	ppb
Strontium	86-1	502.34	499.50	491.20	497.68	1.16	ppb
Strontium	88-1	495.62	495.55	489.86	493.67	0.67	ppb
Sulfur	34-1	9454.13	9555.03	9795.19	9601.45	1.82	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	500.39	496.29	498.54	498.40	0.41	ppb
Thallium	205-1	508.87	506.73	505.89	507.16	0.30	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:32:10	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	514.92	511.38	517.25	514.52	0.57	ppb
Tin	118-1	495.80	500.41	495.66	497.29	0.54	ppb
Titanium	47-1	2465.85	2466.48	2475.01	2469.12	0.21	ppb
Uranium	238-1	511.92	505.09	511.47	509.50	0.75	ppb
Vanadium	51-2	493.16	491.77	492.49	492.47	0.14	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4800.86	4844.92	4827.40	4824.39	0.46	ppb
Zirconium	90-1	503.33	509.52	495.43	502.76	1.40	ppb
Zirconium	91-1	500.84	505.43	491.10	499.13	1.47	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:39:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	0.45	0.84	0.80	42.47	ppb
Antimony	121-1	0.08	0.06	0.06	0.07	11.36	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	111.51	ppb
Barium	135-1	0.04	0.02	0.04	0.03	36.17	ppb
Barium	137-1	0.03	0.04	0.03	0.03	13.05	ppb
Beryllium	9-1	0.02	0.00	0.02	0.02	76.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	4.36	4.51	3.73	4.20	9.87	ppb
Boron	11-1	4.33	3.76	3.70	3.93	8.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.27	-0.12	-0.22	-0.20		ppb
Cadmium	106-1	-4.34	-2.01	-3.61	-3.32		ppb
Cadmium	108-1	-0.07	-0.07	-0.01	-0.05		ppb
Calcium	43-1	6.96	5.51	1.73	4.73	56.97	ppb
Calcium	44-1	3.44	2.36	2.28	2.69	24.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.02	0.02	24.89	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	66.44	ppb
Copper	63-2	0.11	0.11	0.09	0.10	12.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1.74	1.92	1.91	1.86	5.36	ppb
Iron	57-2	3.02	1.82	1.77	2.20	32.20	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:39:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.98	1.65	2.32	1.65	40.33	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	16.39	ppb
Lead	207-1	0.09	0.07	0.07	0.08	20.87	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	3.50	3.44	3.63	3.52	2.74	ppb
Manganese	55-2	0.05	0.04	0.06	0.05	21.20	ppb
Molybdenum	94-1	0.07	0.11	0.12	0.10	24.33	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	13.97	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	15.66	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	1.35	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	18.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.03	-0.04		ppb
Phosphorus	31-2	-19.24	-1.06	-13.16	-11.15		ppb
Potassium	39-2	17.29	5.23	5.11	9.21	75.99	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.15	0.79	0.45	0.46	69.03	ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	-0.58	-0.27	-0.83	-0.56		ppb
Silicon	28-1	-0.50	0.17	-0.72	-0.35		ppb
Silver	107-1	0.01	0.00	0.01	0.01	61.15	ppb
Silver	109-1	0.02	0.01	0.01	0.02	21.08	ppb
Sodium	23-2	28.35	24.63	26.45	26.48	7.04	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	68.90	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	7.88	ppb
Sulfur	34-1	-46.54	-56.40	-180.71	-94.55		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.04	0.04	0.04	10.33	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	9.91	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:39:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	10.99	ppb
Tin	118-1	0.00	0.02	0.00	0.01	238.39	ppb
Titanium	47-1	0.04	0.01	0.03	0.03	71.71	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	22.25	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	27.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.18	0.12	0.11	0.14	29.13	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	38.41	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	100.70	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:47:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.56	20.73	18.57	20.29	7.61	ppb
Antimony	121-1	1.99	1.95	2.03	1.99	1.92	ppb
Arsenic	75-2	1.18	0.99	1.22	1.13	10.64	ppb
Barium	135-1	10.36	10.25	10.07	10.23	1.44	ppb
Barium	137-1	10.31	10.08	9.76	10.05	2.73	ppb
Beryllium	9-1	1.09	0.99	1.02	1.03	5.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	22.79	23.70	25.36	23.95	5.42	ppb
Boron	11-1	24.77	24.58	25.24	24.86	1.36	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.92	0.92	0.92	0.92	0.18	ppb
Cadmium	106-1	-2.29	-2.14	-2.04	-2.15		ppb
Cadmium	108-1	1.49	1.11	0.89	1.17	25.89	ppb
Calcium	43-1	511.02	521.57	495.68	509.42	2.56	ppb
Calcium	44-1	520.23	504.32	500.17	508.24	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	1.80	1.91	1.88	3.77	ppb
Cobalt	59-2	0.99	0.96	0.93	0.96	2.93	ppb
Copper	63-2	1.91	1.91	1.92	1.91	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	52.55	51.62	50.65	51.61	1.84	ppb
Iron	57-2	53.72	49.92	51.89	51.84	3.67	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:47:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.63	52.19	53.49	52.77	1.25	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.90	0.94	0.94	3.33	ppb
Lead	207-1	1.00	0.87	0.95	0.94	6.94	ppb
Lead	208-1	1.01	0.90	0.94	0.95	5.94	ppb
Lithium	6-1				95		%
Magnesium	24-2	490.71	472.04	459.93	474.22	3.27	ppb
Manganese	55-2	1.03	0.94	0.98	0.99	4.54	ppb
Molybdenum	94-1	5.03	4.94	4.79	4.92	2.45	ppb
Molybdenum	95-1	5.31	5.02	4.97	5.10	3.59	ppb
Molybdenum	96-1	5.00	5.06	4.68	4.91	4.17	ppb
Molybdenum	97-1	5.29	5.10	4.94	5.11	3.44	ppb
Molybdenum	98-1	4.89	5.11	4.76	4.92	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.99	0.93	0.96	3.02	ppb
Phosphorus	31-2	-1.34	-6.49	-9.70	-5.84		ppb
Potassium	39-2	516.08	498.57	513.00	509.22	1.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	4.44	5.59	5.59	5.21	12.79	ppb
Selenium	77-2	7.31	4.35	2.95	4.87	45.78	ppb
Selenium	78-2	5.28	4.02	4.29	4.53	14.66	ppb
Silicon	28-1	10.08	8.35	8.33	8.92	11.26	ppb
Silver	107-1	1.07	1.08	1.05	1.07	1.27	ppb
Silver	109-1	1.08	1.11	1.02	1.07	4.33	ppb
Sodium	23-2	505.04	494.77	483.82	494.54	2.15	ppb
Strontium	86-1	0.11	0.10	0.11	0.11	8.50	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	1.01	ppb
Sulfur	34-1	430.40	26.15	95.61	184.05	117.44	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.99	0.92	0.96	0.96	3.77	ppb
Thallium	205-1	0.98	0.92	0.99	0.96	4.26	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:47:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.06	5.10	5.11	5.09	0.50	ppb
Titanium	47-1	5.25	4.91	4.82	4.99	4.57	ppb
Uranium	238-1	0.88	0.80	0.82	0.83	5.10	ppb
Vanadium	51-2	5.01	4.69	4.83	4.84	3.35	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	2.45	2.55	2.60	2.53	3.06	ppb
Zirconium	90-1	0.98	1.01	0.98	0.99	1.56	ppb
Zirconium	91-1	0.96	0.84	0.88	0.89	6.99	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139265BL Instrumnet Name : P7
 Client Sample ID : PBW265 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:20:27 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.54	-0.17	0.14	263.72	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.34	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.00	0.01	43.42	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	1384.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	-0.36	0.47	-0.21	-0.03		ppb
Boron	11-1	-0.19	-0.10	-0.29	-0.19		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.27	-0.11	-0.18		ppb
Cadmium	106-1	-2.60	-4.06	-1.67	-2.78		ppb
Cadmium	108-1	-0.13	0.04	-0.04	-0.04		ppb
Calcium	43-1	2.14	4.92	6.05	4.37	46.03	ppb
Calcium	44-1	2.58	1.96	1.73	2.09	21.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	359.17	ppb
Copper	63-2	-0.06	-0.09	-0.07	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	-0.03	0.16	0.10	0.08	129.55	ppb
Iron	57-2	0.71	0.83	0.39	0.64	35.82	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BL	Instrumnet Name :	P7
Client Sample ID :	PBW265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:20:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.87	0.61	-0.58	-0.28		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.00	0.00	0.01	180.34	ppb
Lead	207-1	0.02	0.02	0.03	0.02	20.64	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.32	0.31	0.19	0.27	26.58	ppb
Manganese	55-2	0.00	0.03	0.00	0.01	211.77	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	120.80	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	36.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.11	-0.09		ppb
Phosphorus	31-2	-5.23	7.40	-1.12	0.35	1844.76	ppb
Potassium	39-2	7.92	4.74	7.67	6.78	26.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.23	-0.29	0.25	0.06	485.03	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	-0.84	-0.04	-0.20		ppb
Silicon	28-1	-1.60	-1.99	-0.71	-1.43		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	5.05	4.87	4.95	4.96	1.82	ppb
Strontium	86-1	-0.01	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.68	ppb
Sulfur	34-1	87.70	58.44	301.57	149.24	88.94	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	89.18	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BL	Instrumnet Name :	P7
Client Sample ID :	PBW265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:20:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.04	0.06	0.03	78.42	ppb
Titanium	47-1	0.03	0.07	-0.01	0.03	125.51	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				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.48	0.24	0.31	0.35	35.78	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BS	Instrumnet Name :	P7
Client Sample ID :	LCS265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:23:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.03	43.30	40.61	42.65	4.22	ppb
Antimony	121-1	4.01	3.99	3.91	3.97	1.32	ppb
Arsenic	75-2	1.96	2.18	1.98	2.04	6.09	ppb
Barium	135-1	19.69	19.99	20.10	19.93	1.08	ppb
Barium	137-1	20.27	20.03	19.98	20.09	0.78	ppb
Beryllium	9-1	1.94	1.97	2.12	2.01	4.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	42.34	46.63	43.45	44.14	5.05	ppb
Boron	11-1	44.27	46.12	47.73	46.04	3.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.30	2.27	2.32	2.29	1.14	ppb
Cadmium	106-1	1.04	0.51	1.56	1.04	50.39	ppb
Cadmium	108-1	2.23	2.49	2.03	2.25	10.23	ppb
Calcium	43-1	946.71	984.56	989.05	973.44	2.39	ppb
Calcium	44-1	993.72	988.71	1001.20	994.54	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.94	3.81	3.96	3.90	2.04	ppb
Cobalt	59-2	2.04	2.04	1.99	2.02	1.47	ppb
Copper	63-2	3.75	3.69	3.69	3.71	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	475.83	473.15	462.53	470.51	1.50	ppb
Iron	57-2	489.66	476.55	468.12	478.11	2.27	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BS	Instrumnet Name :	P7
Client Sample ID :	LCS265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:23:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	488.09	488.67	472.21	482.99	1.93	ppb
Krypton	83-1						cps
Lead	206-1	1.76	1.79	1.77	1.78	0.84	ppb
Lead	207-1	1.86	1.77	1.84	1.82	2.49	ppb
Lead	208-1	1.79	1.79	1.77	1.78	0.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	975.88	957.99	946.05	959.97	1.56	ppb
Manganese	55-2	1.90	2.02	2.00	1.97	3.37	ppb
Molybdenum	94-1	9.60	9.54	9.41	9.52	1.06	ppb
Molybdenum	95-1	9.34	9.61	9.97	9.64	3.32	ppb
Molybdenum	96-1	9.99	9.71	9.64	9.78	1.87	ppb
Molybdenum	97-1	9.90	9.52	9.74	9.72	1.99	ppb
Molybdenum	98-1	9.74	9.87	9.80	9.80	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	2.02	2.03	2.06	2.80	ppb
Phosphorus	31-2	-10.65	-11.39	-6.96	-9.67		ppb
Potassium	39-2	1011.98	1006.32	1008.34	1008.88	0.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	9.65	9.88	9.76	9.76	1.18	ppb
Selenium	77-2	9.39	10.11	10.47	9.99	5.55	ppb
Selenium	78-2	10.34	9.42	8.67	9.48	8.82	ppb
Silicon	28-1	18.44	18.42	20.03	18.96	4.88	ppb
Silver	107-1	2.13	2.13	2.14	2.14	0.30	ppb
Silver	109-1	2.10	2.09	2.14	2.11	1.24	ppb
Sodium	23-2	974.28	970.64	968.65	971.19	0.29	ppb
Strontium	86-1	0.20	0.21	0.20	0.21	3.70	ppb
Strontium	88-1	0.21	0.21	0.21	0.21	1.16	ppb
Sulfur	34-1	289.77	319.54	432.01	347.11	21.61	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.82	1.78	1.86	1.82	2.16	ppb
Thallium	205-1	1.76	1.77	1.72	1.75	1.57	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BS	Instrumnet Name :	P7
Client Sample ID :	LCS265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:23:33	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	9.83	10.05	10.02	9.97	1.19	ppb
Titanium	47-1	9.63	10.15	10.10	9.96	2.86	ppb
Uranium	238-1	1.57	1.57	1.55	1.56	0.75	ppb
Vanadium	51-2	10.09	10.04	9.86	10.00	1.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	10.43	10.20	10.65	10.42	2.16	ppb
Zirconium	90-1	1.89	1.79	1.81	1.83	2.97	ppb
Zirconium	91-1	2.02	2.06	1.82	1.97	6.51	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139266BL Instrumnet Name : P7
 Client Sample ID : PBW266 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:26:40 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.74	1.22	0.82	43.40	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	26.54	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.02	0.01	0.02	0.02	32.66	ppb
Beryllium	9-1	-0.01	0.01	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	1.21	1.45	0.85	1.17	26.03	ppb
Boron	11-1	1.22	1.29	0.74	1.08	27.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	0.00	-0.08	-0.05		ppb
Cadmium	106-1	-1.20	-0.09	-1.35	-0.88		ppb
Cadmium	108-1	0.07	-0.10	-0.10	-0.05		ppb
Calcium	43-1	7.79	10.72	8.66	9.06	16.66	ppb
Calcium	44-1	4.90	3.87	3.24	4.00	21.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	242.04	ppb
Copper	63-2	-0.04	-0.06	-0.06	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	0.28	0.41	0.24	0.31	28.18	ppb
Iron	57-2	-0.69	0.25	0.78	0.11	651.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BL	Instrumnet Name :	P7
Client Sample ID :	PBW266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:26:40	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.34	-0.85	0.69	-0.17		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	29.75	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.00	ppb
Lead	208-1	0.03	0.04	0.04	0.04	12.14	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.44	0.40	0.49	0.44	11.08	ppb
Manganese	55-2	0.02	0.01	0.03	0.02	49.09	ppb
Molybdenum	94-1	0.02	0.00	0.02	0.01	77.68	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	53.56	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	114.68	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	118.88	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.07	-0.07		ppb
Phosphorus	31-2	-0.24	-2.76	7.18	1.39	371.23	ppb
Potassium	39-2	6.63	7.58	7.62	7.28	7.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.18	-0.42	0.10	-0.17		ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.20	-0.40	-0.49	-0.36		ppb
Silicon	28-1	1.70	-1.95	-0.18	-0.14		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	0.95	ppb
Sodium	23-2	5.92	5.46	5.23	5.54	6.41	ppb
Strontium	86-1	0.00	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	37.68	ppb
Sulfur	34-1	550.34	36.75	33.12	206.74	143.94	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.01	0.00	227.59	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BL	Instrumnet Name :	P7
Client Sample ID :	PBW266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:26:40	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.06	0.06	0.06	3.75	ppb
Titanium	47-1	0.01	0.05	0.04	0.03	60.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	54.41	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	60.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.89	0.73	0.93	0.85	12.61	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BS	Instrumnet Name :	P7
Client Sample ID :	LCS266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:29:45	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.54	43.65	41.92	42.70	2.04	ppb
Antimony	121-1	3.87	3.93	3.97	3.92	1.34	ppb
Arsenic	75-2	1.93	1.95	2.05	1.98	3.44	ppb
Barium	135-1	19.37	19.90	19.61	19.63	1.35	ppb
Barium	137-1	20.07	20.19	19.67	19.98	1.37	ppb
Beryllium	9-1	2.06	1.92	1.86	1.95	5.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	44.24	45.41	46.09	45.25	2.07	ppb
Boron	11-1	44.48	44.77	45.84	45.03	1.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	2.17	2.28	2.14	2.20	3.34	ppb
Cadmium	106-1	0.36	1.81	0.96	1.04	70.14	ppb
Cadmium	108-1	2.42	2.41	2.56	2.46	3.30	ppb
Calcium	43-1	974.48	998.13	1018.28	996.97	2.20	ppb
Calcium	44-1	988.88	983.50	988.14	986.84	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.87	3.90	3.92	3.90	0.62	ppb
Cobalt	59-2	1.99	1.98	2.03	2.00	1.37	ppb
Copper	63-2	3.60	3.70	3.64	3.65	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	435.71	438.14	444.06	439.30	0.98	ppb
Iron	57-2	428.72	429.18	434.96	430.95	0.81	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BS	Instrumnet Name :	P7
Client Sample ID :	LCS266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:29:45	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	444.19	453.06	451.49	449.58	1.05	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.74	1.77	1.80	4.40	ppb
Lead	207-1	1.92	1.72	1.79	1.81	5.57	ppb
Lead	208-1	1.87	1.70	1.77	1.78	4.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	940.92	932.32	930.81	934.69	0.58	ppb
Manganese	55-2	1.97	1.97	1.95	1.96	0.66	ppb
Molybdenum	94-1	9.72	9.35	9.68	9.58	2.11	ppb
Molybdenum	95-1	9.86	9.69	9.65	9.73	1.13	ppb
Molybdenum	96-1	10.07	9.92	9.86	9.95	1.10	ppb
Molybdenum	97-1	9.79	9.81	9.89	9.83	0.54	ppb
Molybdenum	98-1	9.80	9.74	9.76	9.77	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.06	2.04	2.06	0.78	ppb
Phosphorus	31-2	17.55	-7.50	3.02	4.36	288.55	ppb
Potassium	39-2	981.88	978.54	1009.79	990.07	1.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	10.52	10.60	9.64	10.25	5.21	ppb
Selenium	77-2	9.18	9.50	10.08	9.59	4.76	ppb
Selenium	78-2	11.70	9.32	10.08	10.37	11.73	ppb
Silicon	28-1	18.47	18.76	18.73	18.65	0.86	ppb
Silver	107-1	2.08	2.11	2.08	2.09	0.76	ppb
Silver	109-1	2.15	2.13	2.07	2.12	1.94	ppb
Sodium	23-2	952.50	958.57	954.17	955.08	0.33	ppb
Strontium	86-1	0.22	0.22	0.20	0.21	4.98	ppb
Strontium	88-1	0.22	0.22	0.21	0.21	2.00	ppb
Sulfur	34-1	296.33	237.09	210.03	247.82	17.81	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	1.90	1.76	1.72	1.80	5.32	ppb
Thallium	205-1	1.86	1.78	1.76	1.80	2.89	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BS	Instrumnet Name :	P7
Client Sample ID :	LCS266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:29:45	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	10.26	9.89	10.11	10.09	1.85	ppb
Titanium	47-1	9.67	9.58	9.25	9.50	2.38	ppb
Uranium	238-1	1.62	1.58	1.54	1.58	2.43	ppb
Vanadium	51-2	9.52	9.60	9.75	9.63	1.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	10.09	10.42	10.37	10.29	1.74	ppb
Zirconium	90-1	1.79	1.83	1.83	1.82	1.15	ppb
Zirconium	91-1	1.84	1.82	1.89	1.85	1.96	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.23	0.28	0.36	53.22	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	1271.30	ppb
Arsenic	75-2	15.83	15.56	15.91	15.77	1.17	ppb
Barium	135-1	0.04	0.06	0.04	0.05	24.91	ppb
Barium	137-1	0.05	0.01	0.03	0.03	59.84	ppb
Beryllium	9-1	9.38	9.14	9.14	9.22	1.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	0.50	0.14	-0.13	0.17	184.99	ppb
Boron	11-1	0.49	0.34	0.15	0.33	52.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	16.32	16.47	16.44	16.41	0.49	ppb
Cadmium	106-1	10.84	12.48	10.90	11.41	8.16	ppb
Cadmium	108-1	13.93	13.88	15.31	14.37	5.66	ppb
Calcium	43-1	51.77	55.91	44.99	50.89	10.84	ppb
Calcium	44-1	48.39	47.95	47.85	48.06	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.24	19.77	19.94	19.98	1.19	ppb
Cobalt	59-2	11.27	11.26	11.47	11.33	1.03	ppb
Copper	63-2	15.97	15.80	15.52	15.76	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	365.05	364.06	363.03	364.04	0.28	ppb
Iron	57-2	350.26	351.02	352.07	351.12	0.26	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	371.91	384.10	369.31	375.11	2.10	ppb
Krypton	83-1						cps
Lead	206-1	15.39	15.26	14.39	15.02	3.62	ppb
Lead	207-1	15.34	15.21	14.29	14.95	3.82	ppb
Lead	208-1	15.20	15.16	14.20	14.85	3.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	695.18	706.79	708.35	703.44	1.02	ppb
Manganese	55-2	10.66	10.80	10.55	10.67	1.19	ppb
Molybdenum	94-1	0.00	0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.01	64.37	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	229.93	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	180.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-8.09	-13.70	-1.76	-7.85		ppb
Potassium	39-2	17.74	5.50	5.83	9.69	71.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.59	0.08	0.84	0.50	76.42	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.75	-0.08	0.24	-0.20		ppb
Silicon	28-1	5.39	3.71	5.23	4.78	19.36	ppb
Silver	107-1	17.02	17.01	17.08	17.04	0.21	ppb
Silver	109-1	17.05	16.97	16.72	16.91	1.03	ppb
Sodium	23-2	5.19	4.85	4.77	4.94	4.45	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	8.73	ppb
Sulfur	34-1	756.89	223.07	361.76	447.24	61.93	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	3.99	3.97	3.76	3.91	3.26	ppb
Thallium	205-1	3.92	3.87	3.71	3.84	2.85	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.07	0.06	0.05	0.06	17.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	52.93	ppb
Vanadium	51-2	12.03	11.90	11.86	11.93	0.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	12.36	12.49	12.30	12.39	0.79	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	270.83	ppb
Zirconium	91-1	0.03	0.01	-0.02	0.01	353.83	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.81	0.21	0.70	63.76	ppb
Antimony	121-1	20.43	20.40	20.22	20.35	0.55	ppb
Arsenic	75-2	11.12	12.04	11.61	11.59	3.96	ppb
Barium	135-1	50.92	51.03	50.81	50.92	0.21	ppb
Barium	137-1	51.48	51.74	50.89	51.37	0.84	ppb
Beryllium	9-1	4.00	4.31	4.17	4.16	3.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	0.35	-0.32	-0.02	0.00	22370.87	ppb
Boron	11-1	-0.16	-0.06	0.08	-0.05		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	8.87	8.94	9.02	8.95	0.81	ppb
Cadmium	106-1	4.93	4.56	5.19	4.89	6.48	ppb
Cadmium	108-1	7.22	6.73	6.67	6.87	4.34	ppb
Calcium	43-1	744.43	730.65	769.57	748.22	2.64	ppb
Calcium	44-1	734.49	736.02	749.25	739.92	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	367.93	ppb
Copper	63-2	10.86	11.03	10.85	10.91	0.91	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				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1.16	1.14	1.15	1.15	0.83	ppb
Iron	57-2	1.99	3.82	1.88	2.56	42.54	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.50	2.28	0.72	1.50	51.99	ppb
Krypton	83-1						cps
Lead	206-1	5.36	5.30	5.53	5.40	2.15	ppb
Lead	207-1	5.45	5.20	5.56	5.40	3.40	ppb
Lead	208-1	5.34	5.27	5.46	5.36	1.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.66	0.69	0.75	0.70	6.60	ppb
Manganese	55-2	14.29	14.59	14.33	14.40	1.13	ppb
Molybdenum	94-1	0.00	0.03	-0.01	0.01	290.04	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	115.99	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	23.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.12	7.27	7.22	7.20	1.07	ppb
Phosphorus	31-2	-9.02	1.79	-2.72	-3.32		ppb
Potassium	39-2	470.28	456.93	468.51	465.24	1.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	26.12	26.39	26.80	26.44	1.30	ppb
Selenium	77-2	28.96	26.37	27.11	27.48	4.86	ppb
Selenium	78-2	25.80	27.04	24.81	25.88	4.31	ppb
Silicon	28-1	3.46	3.42	4.17	3.68	11.39	ppb
Silver	107-1	12.25	12.14	12.34	12.24	0.83	ppb
Silver	109-1	12.32	12.22	12.28	12.27	0.42	ppb
Sodium	23-2	716.26	719.65	719.68	718.53	0.27	ppb
Strontium	86-1	0.00	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	9.73	ppb
Sulfur	34-1	456.43	349.59	257.62	354.55	28.06	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	4.75	4.70	4.74	4.73	0.47	ppb
Thallium	205-1	4.57	4.57	4.61	4.58	0.56	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	-0.01	-0.04	-0.02		ppb
Titanium	47-1	0.03	0.07	0.06	0.06	41.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	19.58	19.81	18.92	19.44	2.36	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	-0.02	0.01	-0.01		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	421.59	416.29	419.52	419.14	0.64	ppb
Antimony	121-1	0.14	0.17	0.18	0.17	12.17	ppb
Arsenic	75-2	0.78	0.76	0.78	0.77	1.92	ppb
Barium	135-1	101.00	103.09	104.03	102.71	1.51	ppb
Barium	137-1	102.78	102.97	104.04	103.27	0.66	ppb
Beryllium	9-1	0.12	0.05	0.07	0.08	44.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	15.14	15.61	16.20	15.65	3.39	ppb
Boron	11-1	14.86	14.81	15.57	15.08	2.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	-0.14	-0.22	-0.18		ppb
Cadmium	106-1	-3.28	-2.90	-3.77	-3.32		ppb
Cadmium	108-1	0.01	0.15	-0.04	0.04	241.75	ppb
Calcium	43-1	10608.85	10501.71	10634.08	10581.55	0.66	ppb
Calcium	44-1	10746.91	10621.41	10730.47	10699.60	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.62	2.50	2.54	2.55	2.23	ppb
Cobalt	59-2	1.11	1.08	1.07	1.09	1.80	ppb
Copper	63-2	1.53	1.45	1.55	1.51	3.44	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	3351.36	3328.93	3346.40	3342.23	0.35	ppb
Iron	57-2	3348.10	3297.27	3305.30	3316.89	0.82	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3395.50	3397.51	3351.11	3381.37	0.78	ppb
Krypton	83-1						cps
Lead	206-1	7.27	7.43	7.37	7.36	1.06	ppb
Lead	207-1	7.04	7.06	7.08	7.06	0.28	ppb
Lead	208-1	7.17	7.12	7.19	7.16	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	2202.69	2174.26	2175.01	2183.99	0.74	ppb
Manganese	55-2	448.10	442.50	439.87	443.49	0.95	ppb
Molybdenum	94-1	0.47	0.45	0.48	0.47	3.86	ppb
Molybdenum	95-1	0.48	0.38	0.49	0.45	13.14	ppb
Molybdenum	96-1	0.46	0.38	0.43	0.42	9.59	ppb
Molybdenum	97-1	0.40	0.47	0.41	0.43	8.42	ppb
Molybdenum	98-1	0.43	0.41	0.45	0.43	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.68	0.92	0.80	14.78	ppb
Phosphorus	31-2	142.40	135.33	125.55	134.42	6.29	ppb
Potassium	39-2	2063.50	2038.53	2049.21	2050.41	0.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.16	-0.34	0.30	0.04	867.87	ppb
Selenium	77-2	0.33	0.96	0.33	0.54	67.99	ppb
Selenium	78-2	-0.25	0.34	0.17	0.09	357.42	ppb
Silicon	28-1	4295.99	4224.31	4221.46	4247.26	0.99	ppb
Silver	107-1	0.01	0.00	0.01	0.01	87.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.00	ppb
Sodium	23-2	46184.55	45655.92	45714.75	45851.74	0.63	ppb
Strontium	86-1	7.27	7.28	7.33	7.29	0.42	ppb
Strontium	88-1	7.27	7.25	7.34	7.28	0.64	ppb
Sulfur	34-1	1936.87	1979.68	1892.57	1936.38	2.25	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.01	0.02	65.31	ppb
Thallium	205-1	0.03	0.01	0.01	0.02	36.33	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.12	0.12	0.13	0.12	4.33	ppb
Tin	118-1	0.20	0.13	0.12	0.15	28.03	ppb
Titanium	47-1	14.39	13.13	17.26	14.93	14.17	ppb
Uranium	238-1	0.07	0.09	0.07	0.08	9.41	ppb
Vanadium	51-2	1.99	2.05	1.93	1.99	3.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	24.55	24.34	24.52	24.47	0.46	ppb
Zirconium	90-1	0.09	0.10	0.09	0.09	3.99	ppb
Zirconium	91-1	0.10	0.14	0.11	0.12	17.93	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.55	139.98	141.00	140.18	0.53	ppb
Antimony	121-1	0.09	0.12	0.08	0.10	22.17	ppb
Arsenic	75-2	0.45	0.52	0.59	0.52	13.76	ppb
Barium	135-1	56.82	57.19	58.62	57.55	1.65	ppb
Barium	137-1	57.42	58.10	57.60	57.71	0.62	ppb
Beryllium	9-1	0.04	0.07	0.05	0.05	27.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	15.23	13.48	15.92	14.88	8.46	ppb
Boron	11-1	15.39	14.81	15.97	15.39	3.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.02	-0.24	-0.13		ppb
Cadmium	106-1	-2.09	-0.51	-3.84	-2.15		ppb
Cadmium	108-1	0.07	0.01	0.13	0.07	81.13	ppb
Calcium	43-1	10208.12	10158.27	10581.87	10316.09	2.24	ppb
Calcium	44-1	10283.30	10337.66	10570.38	10397.11	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.47	0.50	0.48	3.41	ppb
Cobalt	59-2	0.39	0.43	0.40	0.41	5.53	ppb
Copper	63-2	0.62	0.63	0.63	0.63	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	1879.08	1900.02	1900.58	1893.22	0.65	ppb
Iron	57-2	1861.08	1901.27	1873.12	1878.49	1.10	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1902.11	1922.98	1935.03	1920.04	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.96	1.00	0.97	2.62	ppb
Lead	207-1	0.93	0.97	1.04	0.98	5.72	ppb
Lead	208-1	0.93	0.93	1.00	0.95	3.99	ppb
Lithium	6-1				98		%
Magnesium	24-2	2100.19	2153.13	2113.62	2122.31	1.30	ppb
Manganese	55-2	190.17	193.36	193.06	192.19	0.92	ppb
Molybdenum	94-1	0.32	0.29	0.33	0.31	5.10	ppb
Molybdenum	95-1	0.32	0.32	0.29	0.31	6.24	ppb
Molybdenum	96-1	0.37	0.33	0.37	0.36	6.17	ppb
Molybdenum	97-1	0.32	0.26	0.35	0.31	15.06	ppb
Molybdenum	98-1	0.31	0.35	0.33	0.33	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.56	0.42	0.50	14.46	ppb
Phosphorus	31-2	54.93	31.12	54.71	46.92	29.16	ppb
Potassium	39-2	1873.36	1901.20	1900.67	1891.75	0.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.47	0.67	0.01	0.38	88.33	ppb
Selenium	77-2	1.03	0.34	0.00	0.46	114.57	ppb
Selenium	78-2	-0.65	-0.25	0.13	-0.26		ppb
Silicon	28-1	3986.70	3893.51	4056.36	3978.86	2.05	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.76	ppb
Sodium	23-2	44891.20	45072.63	44982.78	44982.20	0.20	ppb
Strontium	86-1	7.10	7.11	7.20	7.14	0.72	ppb
Strontium	88-1	7.06	7.02	7.20	7.09	1.35	ppb
Sulfur	34-1	1493.50	1505.86	1672.85	1557.40	6.43	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.00	0.01	66.30	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	41.32	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.04	0.04	0.04	2.48	ppb
Tin	118-1	0.05	0.05	0.06	0.05	5.02	ppb
Titanium	47-1	3.45	3.73	3.87	3.68	5.92	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.89	ppb
Vanadium	51-2	0.74	0.77	0.75	0.75	1.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	14.41	14.44	14.75	14.53	1.32	ppb
Zirconium	90-1	0.05	0.05	0.07	0.06	18.94	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	9.76	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.66	77.86	87.53	82.35	5.92	ppb
Antimony	121-1	0.11	0.13	0.12	0.12	7.18	ppb
Arsenic	75-2	0.38	0.49	0.49	0.45	14.04	ppb
Barium	135-1	54.77	54.26	57.51	55.51	3.15	ppb
Barium	137-1	55.14	55.72	56.95	55.94	1.65	ppb
Beryllium	9-1	0.01	0.05	0.07	0.05	66.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	12.84	14.13	15.37	14.11	8.95	ppb
Boron	11-1	14.75	14.78	16.03	15.19	4.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.13	-0.26	-0.08	-0.16		ppb
Cadmium	106-1	-2.17	-4.04	-1.40	-2.54		ppb
Cadmium	108-1	-0.07	-0.10	-0.10	-0.09		ppb
Calcium	43-1	10568.12	10519.12	10934.38	10673.87	2.13	ppb
Calcium	44-1	10728.47	10809.73	10850.42	10796.21	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.52	0.55	0.49	0.52	5.84	ppb
Cobalt	59-2	0.29	0.32	0.31	0.31	5.74	ppb
Copper	63-2	0.47	0.39	0.46	0.44	10.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	1702.15	1711.96	1715.46	1709.85	0.40	ppb
Iron	57-2	1690.58	1698.83	1701.76	1697.06	0.34	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1723.47	1742.41	1734.37	1733.42	0.55	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.67	0.77	0.71	7.01	ppb
Lead	207-1	0.68	0.65	0.70	0.68	3.27	ppb
Lead	208-1	0.68	0.66	0.70	0.68	3.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	2173.39	2184.27	2190.33	2182.66	0.39	ppb
Manganese	55-2	174.62	177.08	176.83	176.18	0.77	ppb
Molybdenum	94-1	0.24	0.27	0.28	0.26	7.51	ppb
Molybdenum	95-1	0.34	0.34	0.34	0.34	1.28	ppb
Molybdenum	96-1	0.31	0.29	0.34	0.31	7.92	ppb
Molybdenum	97-1	0.27	0.29	0.31	0.29	6.23	ppb
Molybdenum	98-1	0.31	0.32	0.33	0.32	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.41	0.52	0.44	16.28	ppb
Phosphorus	31-2	34.42	30.77	37.23	34.14	9.48	ppb
Potassium	39-2	1904.91	1916.39	1919.19	1913.50	0.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.82	1.02	0.26	0.70	56.29	ppb
Selenium	77-2	0.00	0.35	1.05	0.47	114.66	ppb
Selenium	78-2	-0.71	-0.44	-0.67	-0.61		ppb
Silicon	28-1	3874.12	3914.94	3926.78	3905.28	0.71	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.01	0.01	70.16	ppb
Sodium	23-2	45187.76	45227.06	45488.71	45301.18	0.36	ppb
Strontium	86-1	7.30	7.33	7.52	7.38	1.67	ppb
Strontium	88-1	7.27	7.23	7.49	7.33	1.91	ppb
Sulfur	34-1	1316.17	1332.19	1246.58	1298.32	3.51	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	18.03	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	20.34	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	11.27	ppb
Tin	118-1	0.17	0.22	0.21	0.20	12.14	ppb
Titanium	47-1	1.48	1.51	1.76	1.58	9.69	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	12.17	ppb
Vanadium	51-2	0.55	0.51	0.51	0.52	4.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	12.85	12.93	12.55	12.77	1.57	ppb
Zirconium	90-1	0.05	0.04	0.02	0.04	32.99	ppb
Zirconium	91-1	0.03	0.04	0.03	0.04	13.84	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-04	Instrumnet Name :	P7
Client Sample ID :	A0AN3D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:14:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	124.63	121.34	118.00	121.32	2.73	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	4.54	ppb
Arsenic	75-2	0.48	0.45	0.57	0.50	13.07	ppb
Barium	135-1	87.98	91.75	93.32	91.02	3.01	ppb
Barium	137-1	87.79	90.80	93.54	90.71	3.17	ppb
Beryllium	9-1	0.02	0.06	0.04	0.04	45.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	13.52	14.31	14.13	13.99	2.96	ppb
Boron	11-1	13.44	15.20	15.87	14.84	8.45	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	-0.26	-0.05	-0.16		ppb
Cadmium	106-1	-2.87	-4.06	-0.77	-2.57		ppb
Cadmium	108-1	-0.10	-0.01	-0.01	-0.04		ppb
Calcium	43-1	10498.95	10969.20	11195.11	10887.75	3.26	ppb
Calcium	44-1	10625.96	11212.64	11295.79	11044.80	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.69	0.73	0.72	3.29	ppb
Cobalt	59-2	0.83	0.83	0.82	0.83	0.38	ppb
Copper	63-2	0.69	0.76	0.70	0.72	5.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	2905.85	2910.77	2896.03	2904.22	0.26	ppb
Iron	57-2	2831.42	2847.12	2873.92	2850.82	0.75	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-04	Instrumnet Name :	P7
Client Sample ID :	A0AN3D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:14:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2924.50	2912.26	2978.27	2938.34	1.20	ppb
Krypton	83-1						cps
Lead	206-1	1.73	1.80	1.90	1.81	4.80	ppb
Lead	207-1	1.69	1.74	1.73	1.72	1.55	ppb
Lead	208-1	1.71	1.76	1.81	1.76	2.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	2288.01	2268.48	2289.49	2281.99	0.51	ppb
Manganese	55-2	566.09	565.08	567.45	566.21	0.21	ppb
Molybdenum	94-1	0.34	0.32	0.35	0.34	4.22	ppb
Molybdenum	95-1	0.39	0.35	0.34	0.36	7.67	ppb
Molybdenum	96-1	0.36	0.37	0.35	0.36	1.99	ppb
Molybdenum	97-1	0.47	0.33	0.34	0.38	19.87	ppb
Molybdenum	98-1	0.38	0.36	0.36	0.37	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.53	0.66	0.56	17.13	ppb
Phosphorus	31-2	95.79	104.72	90.83	97.11	7.25	ppb
Potassium	39-2	2034.09	2017.01	1998.27	2016.45	0.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.08	0.31	-0.33	-0.03		ppb
Selenium	77-2	0.35	0.35	0.35	0.35	0.66	ppb
Selenium	78-2	-0.91	-0.11	-0.65	-0.56		ppb
Silicon	28-1	3801.36	4011.28	4000.68	3937.77	3.00	ppb
Silver	107-1	0.00	0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.01	0.01	89.78	ppb
Sodium	23-2	45461.43	45214.50	45635.92	45437.29	0.47	ppb
Strontium	86-1	7.05	7.65	7.54	7.42	4.28	ppb
Strontium	88-1	7.18	7.58	7.58	7.45	3.06	ppb
Sulfur	34-1	585.51	1229.98	1094.81	970.10	35.03	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.00	0.00	75.61	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	23.85	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-04	Instrumnet Name :	P7
Client Sample ID :	A0AN3D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:14:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	6.55	ppb
Tin	118-1	0.13	0.12	0.15	0.13	11.79	ppb
Titanium	47-1	2.12	2.48	2.79	2.46	13.53	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	11.56	ppb
Vanadium	51-2	0.87	0.88	0.95	0.90	4.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	20.35	20.25	20.63	20.41	0.97	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	6.66	ppb
Zirconium	91-1	0.06	0.06	0.04	0.05	22.19	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.10	16.62	15.04	15.59	5.75	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	44.13	ppb
Arsenic	75-2	0.07	0.09	0.09	0.08	14.31	ppb
Barium	135-1	10.55	10.93	10.72	10.73	1.82	ppb
Barium	137-1	10.94	10.93	11.57	11.14	3.31	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	2.90	2.96	2.73	2.86	4.19	ppb
Boron	11-1	2.78	3.23	3.05	3.02	7.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.08	-0.11	-0.11		ppb
Cadmium	106-1	-2.22	-1.26	-1.84	-1.78		ppb
Cadmium	108-1	-0.13	-0.01	-0.18	-0.11		ppb
Calcium	43-1	2068.46	2137.84	2056.82	2087.71	2.10	ppb
Calcium	44-1	2050.35	2098.13	2094.65	2081.04	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.10	0.12	0.12	19.36	ppb
Cobalt	59-2	0.06	0.06	0.05	0.06	8.17	ppb
Copper	63-2	0.06	0.03	0.02	0.04	61.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	336.52	336.15	334.91	335.86	0.25	ppb
Iron	57-2	331.17	343.42	325.90	333.50	2.70	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	336.01	338.55	345.19	339.92	1.39	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.14	0.13	7.14	ppb
Lead	207-1	0.12	0.16	0.13	0.14	12.33	ppb
Lead	208-1	0.12	0.13	0.13	0.13	4.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	423.08	435.45	427.12	428.55	1.47	ppb
Manganese	55-2	34.75	34.69	34.44	34.63	0.48	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	19.58	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	30.49	ppb
Molybdenum	96-1	0.07	0.06	0.06	0.06	6.60	ppb
Molybdenum	97-1	0.04	0.06	0.07	0.06	31.07	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	15.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.06	-0.04	-0.04		ppb
Phosphorus	31-2	-2.78	-8.09	0.71	-3.39		ppb
Potassium	39-2	367.01	372.97	369.02	369.67	0.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	-0.29	-0.24	-0.45	-0.33		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.25	-0.10	-0.50	-0.28		ppb
Silicon	28-1	742.77	760.63	767.69	757.03	1.70	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	311.00	ppb
Sodium	23-2	8781.83	8990.82	8906.64	8893.09	1.18	ppb
Strontium	86-1	1.41	1.42	1.38	1.40	1.54	ppb
Strontium	88-1	1.40	1.44	1.43	1.42	1.38	ppb
Sulfur	34-1	-329.29	-358.59	-213.12	-300.33		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	533.93	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	64.37	ppb
Tin	118-1	0.02	0.31	0.02	0.11	144.48	ppb
Titanium	47-1	0.35	0.43	0.34	0.37	13.18	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	71.67	ppb
Vanadium	51-2	0.13	0.11	0.08	0.11	20.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	2.75	2.39	2.44	2.53	7.77	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49262.12	48133.17	49050.16	48815.15	1.23	ppb
Antimony	121-1	489.68	490.30	478.97	486.32	1.31	ppb
Arsenic	75-2	511.82	515.54	506.36	511.24	0.90	ppb
Barium	135-1	2473.54	2452.89	2416.00	2447.48	1.19	ppb
Barium	137-1	2526.88	2513.58	2495.07	2511.84	0.64	ppb
Beryllium	9-1	497.36	496.99	490.53	494.96	0.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	467.37	492.01	493.49	484.29	3.03	ppb
Boron	11-1	476.95	493.40	511.34	493.90	3.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	533.12	523.56	519.77	525.48	1.31	ppb
Cadmium	106-1	531.84	528.07	526.92	528.94	0.49	ppb
Cadmium	108-1	537.07	533.71	527.00	532.60	0.96	ppb
Calcium	43-1	249943.57	245020.46	247868.66	247610.89	1.00	ppb
Calcium	44-1	247210.38	242610.44	241353.85	243724.89	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.21	478.22	482.71	481.05	0.51	ppb
Cobalt	59-2	495.89	488.35	497.31	493.85	0.98	ppb
Copper	63-2	4924.33	4915.73	5022.47	4954.17	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	123706.22	122809.21	124700.61	123738.68	0.76	ppb
Iron	57-2	123836.70	121954.44	123335.18	123042.11	0.79	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124962.86	123208.85	123495.63	123889.12	0.76	ppb
Krypton	83-1						cps
Lead	206-1	2568.22	2521.05	2551.55	2546.94	0.94	ppb
Lead	207-1	2586.23	2542.69	2562.25	2563.72	0.85	ppb
Lead	208-1	2573.73	2540.27	2545.14	2553.05	0.71	ppb
Lithium	6-1				90		%
Magnesium	24-2	244973.36	240415.77	247249.52	244212.88	1.42	ppb
Manganese	55-2	5067.01	4931.82	4985.81	4994.88	1.36	ppb
Molybdenum	94-1	2543.57	2461.64	2504.07	2503.09	1.64	ppb
Molybdenum	95-1	2553.15	2479.76	2509.68	2514.20	1.47	ppb
Molybdenum	96-1	2531.48	2504.84	2513.77	2516.70	0.54	ppb
Molybdenum	97-1	2529.34	2442.55	2477.46	2483.12	1.76	ppb
Molybdenum	98-1	2549.01	2485.93	2505.22	2513.39	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.05	536.22	543.92	540.40	0.72	ppb
Phosphorus	31-2	9742.18	9743.33	9787.76	9757.75	0.27	ppb
Potassium	39-2	133300.19	131800.06	132564.09	132554.78	0.57	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	528.45	512.69	518.34	519.83	1.54	ppb
Selenium	77-2	527.01	517.74	497.26	514.00	2.96	ppb
Selenium	78-2	497.71	488.46	517.98	501.39	3.01	ppb
Silicon	28-1	533.47	542.54	553.53	543.18	1.85	ppb
Silver	107-1	524.53	516.95	515.77	519.08	0.92	ppb
Silver	109-1	526.76	516.99	518.11	520.62	1.03	ppb
Sodium	23-2	241268.03	240899.70	246114.65	242760.79	1.20	ppb
Strontium	86-1	512.25	496.14	502.84	503.74	1.61	ppb
Strontium	88-1	502.22	489.55	497.47	496.41	1.29	ppb
Sulfur	34-1	10584.47	10406.46	10098.76	10363.23	2.37	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	503.25	495.91	498.75	499.30	0.74	ppb
Thallium	205-1	512.07	502.42	510.07	508.19	1.00	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	516.17	515.05	512.91	514.71	0.32	ppb
Tin	118-1	497.27	495.67	485.47	492.80	1.30	ppb
Titanium	47-1	2504.37	2461.62	2451.77	2472.59	1.13	ppb
Uranium	238-1	505.19	503.53	499.11	502.61	0.62	ppb
Vanadium	51-2	488.93	485.99	489.81	488.24	0.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	4815.19	4739.34	4815.85	4790.13	0.92	ppb
Zirconium	90-1	511.41	497.32	509.09	505.94	1.49	ppb
Zirconium	91-1	511.11	496.16	500.02	502.43	1.54	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:25:53 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.28	1.22	1.71	1.40	18.97	ppb
Antimony	121-1	0.08	0.09	0.11	0.09	15.90	ppb
Arsenic	75-2	0.03	0.02	0.00	0.02	66.24	ppb
Barium	135-1	0.05	0.03	0.02	0.03	37.15	ppb
Barium	137-1	0.06	0.05	0.07	0.06	12.86	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	60.24	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	5.28	4.60	4.45	4.78	9.21	ppb
Boron	11-1	4.87	5.01	4.37	4.75	7.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.24	-0.24	-0.21		ppb
Cadmium	106-1	-2.94	-3.68	-3.80	-3.47		ppb
Cadmium	108-1	0.11	0.08	0.11	0.10	16.39	ppb
Calcium	43-1	7.56	7.09	10.12	8.26	19.72	ppb
Calcium	44-1	5.18	3.99	3.94	4.37	16.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.01	0.01	45.58	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	39.37	ppb
Copper	63-2	0.03	0.13	0.08	0.08	63.27	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				94		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	3.20	3.51	3.89	3.53	9.75	ppb
Iron	57-2	3.05	2.96	2.49	2.83	10.75	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:25:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.31	4.17	4.54	4.01	15.68	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.10	0.10	3.17	ppb
Lead	207-1	0.14	0.10	0.12	0.12	15.83	ppb
Lead	208-1	0.12	0.11	0.11	0.11	6.80	ppb
Lithium	6-1				92		%
Magnesium	24-2	5.85	7.71	7.69	7.08	15.08	ppb
Manganese	55-2	0.13	0.15	0.18	0.15	17.27	ppb
Molybdenum	94-1	0.12	0.15	0.10	0.12	21.45	ppb
Molybdenum	95-1	0.09	0.11	0.10	0.10	9.56	ppb
Molybdenum	96-1	0.11	0.11	0.11	0.11	3.23	ppb
Molybdenum	97-1	0.11	0.12	0.07	0.10	23.63	ppb
Molybdenum	98-1	0.10	0.07	0.12	0.10	23.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.09	-0.08	-0.09		ppb
Phosphorus	31-2	4.64	-23.07	15.29	-1.04		ppb
Potassium	39-2	7.66	14.13	4.12	8.64	58.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.28	-1.05	-0.55	-0.44		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	-0.51	0.83	-0.05		ppb
Silicon	28-1	1.92	1.19	0.99	1.37	35.79	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.33	ppb
Silver	109-1	0.02	0.03	0.02	0.03	23.51	ppb
Sodium	23-2	36.43	34.40	34.20	35.01	3.51	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	170.18	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.90	ppb
Sulfur	34-1	190.97	-90.01	-28.34	24.20	610.15	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.10	0.07	0.09	16.43	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	4.23	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:25:53	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.87	ppb
Tin	118-1	0.00	0.03	0.00	0.01	174.27	ppb
Titanium	47-1	0.07	0.06	0.05	0.06	25.37	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.86	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	7.83	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.19	0.03	0.21	0.15	67.98	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.19	ppb
Zirconium	91-1	0.05	0.03	0.05	0.05	22.70	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2150.92	2150.30	2166.29	2155.84	0.42	ppb
Antimony	121-1	101.43	103.10	102.76	102.43	0.86	ppb
Arsenic	75-2	42.56	41.61	40.95	41.71	1.94	ppb
Barium	135-1	2122.74	2130.41	2116.51	2123.22	0.33	ppb
Barium	137-1	2178.40	2192.80	2203.83	2191.68	0.58	ppb
Beryllium	9-1	51.04	49.57	49.04	49.88	2.08	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	18.71	18.38	17.63	18.24	3.04	ppb
Boron	11-1	18.61	17.75	18.51	18.29	2.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	51.66	52.74	52.02	52.14	1.06	ppb
Cadmium	106-1	38.62	40.50	40.11	39.74	2.49	ppb
Cadmium	108-1	44.00	46.46	45.26	45.24	2.72	ppb
Calcium	43-1	10809.40	10870.12	11056.56	10912.02	1.18	ppb
Calcium	44-1	11052.81	11057.24	10986.56	11032.20	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	201.65	201.87	200.68	201.40	0.32	ppb
Cobalt	59-2	507.85	509.20	507.70	508.25	0.16	ppb
Copper	63-2	252.58	253.11	252.34	252.68	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	4998.41	4982.00	4959.10	4979.84	0.40	ppb
Iron	57-2	4899.69	4851.34	4914.09	4888.37	0.67	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5104.05	5139.72	5169.33	5137.70	0.64	ppb
Krypton	83-1						cps
Lead	206-1	23.41	23.68	23.24	23.44	0.94	ppb
Lead	207-1	23.69	23.84	23.95	23.83	0.56	ppb
Lead	208-1	23.53	23.60	23.60	23.58	0.18	ppb
Lithium	6-1				91		%
Magnesium	24-2	2213.18	2178.10	2186.37	2192.55	0.84	ppb
Manganese	55-2	1506.13	1502.21	1499.28	1502.54	0.23	ppb
Molybdenum	94-1	0.70	0.68	0.72	0.70	3.03	ppb
Molybdenum	95-1	0.53	0.47	0.59	0.53	11.49	ppb
Molybdenum	96-1	0.61	0.53	0.60	0.58	6.91	ppb
Molybdenum	97-1	0.47	0.50	0.51	0.49	3.39	ppb
Molybdenum	98-1	0.48	0.45	0.51	0.48	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.86	512.81	517.04	514.57	0.43	ppb
Phosphorus	31-2	144.55	159.77	143.33	149.21	6.14	ppb
Potassium	39-2	2451.24	2424.98	2408.64	2428.29	0.88	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	98.89	98.71	100.63	99.41	1.07	ppb
Selenium	77-2	100.10	95.13	103.53	99.59	4.24	ppb
Selenium	78-2	101.13	100.45	97.56	99.71	1.90	ppb
Silicon	28-1	3913.42	3861.60	3873.99	3883.00	0.70	ppb
Silver	107-1	52.83	54.03	53.37	53.41	1.13	ppb
Silver	109-1	55.00	54.26	54.90	54.72	0.74	ppb
Sodium	23-2	44020.68	43517.90	43988.43	43842.34	0.64	ppb
Strontium	86-1	7.25	7.41	7.37	7.34	1.14	ppb
Strontium	88-1	7.28	7.23	7.38	7.30	1.01	ppb
Sulfur	34-1	1937.75	1404.48	1350.65	1564.29	20.75	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	49.61	50.02	50.28	49.97	0.68	ppb
Thallium	205-1	49.05	49.49	49.53	49.36	0.54	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.05	0.04	0.04	4.49	ppb
Tin	118-1	2.64	2.88	2.70	2.74	4.55	ppb
Titanium	47-1	4.00	3.94	4.71	4.22	10.14	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	0.69	ppb
Vanadium	51-2	494.49	494.04	490.43	492.99	0.45	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	606.94	608.21	612.71	609.28	0.50	ppb
Zirconium	90-1	0.21	0.20	0.23	0.21	7.21	ppb
Zirconium	91-1	0.30	0.29	0.15	0.25	33.92	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-06	Instrumnet Name :	P7
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:32:07	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.87	95.42	105.88	100.72	5.19	ppb
Antimony	121-1	0.11	0.12	0.11	0.11	2.86	ppb
Arsenic	75-2	0.46	0.48	0.48	0.47	2.49	ppb
Barium	135-1	57.49	58.16	57.47	57.71	0.69	ppb
Barium	137-1	57.93	58.00	57.59	57.84	0.38	ppb
Beryllium	9-1	0.08	0.05	0.03	0.06	44.08	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	15.36	17.18	15.89	16.14	5.80	ppb
Boron	11-1	16.28	18.31	17.07	17.22	5.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.24	-0.19	-0.17		ppb
Cadmium	106-1	-1.25	-3.75	-3.25	-2.75		ppb
Cadmium	108-1	-0.07	0.02	-0.01	-0.02		ppb
Calcium	43-1	10144.04	10107.26	10126.97	10126.09	0.18	ppb
Calcium	44-1	10287.74	10159.22	10266.59	10237.85	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.54	0.61	0.58	6.09	ppb
Cobalt	59-2	0.38	0.37	0.37	0.38	1.09	ppb
Copper	63-2	0.55	0.57	0.61	0.58	5.35	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				95		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	1796.08	1783.66	1777.28	1785.67	0.54	ppb
Iron	57-2	1768.97	1764.38	1753.77	1762.37	0.44	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-06	Instrumnet Name :	P7
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:32:07	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1841.45	1808.40	1815.34	1821.73	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.08	0.99	1.00	7.40	ppb
Lead	207-1	0.95	0.97	0.99	0.97	2.45	ppb
Lead	208-1	0.93	1.00	0.97	0.97	3.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	2087.81	2088.72	2084.90	2087.14	0.10	ppb
Manganese	55-2	199.92	198.51	199.70	199.38	0.38	ppb
Molybdenum	94-1	0.33	0.23	0.29	0.29	17.49	ppb
Molybdenum	95-1	0.36	0.36	0.31	0.34	8.13	ppb
Molybdenum	96-1	0.33	0.29	0.33	0.32	7.28	ppb
Molybdenum	97-1	0.27	0.38	0.37	0.34	17.75	ppb
Molybdenum	98-1	0.37	0.29	0.31	0.32	12.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.51	0.49	0.49	2.43	ppb
Phosphorus	31-2	32.38	33.72	57.44	41.18	34.25	ppb
Potassium	39-2	1898.47	1893.43	1901.47	1897.79	0.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.46	0.20	0.13	0.26	66.61	ppb
Selenium	77-2	0.00	0.00	0.72	0.24	173.21	ppb
Selenium	78-2	0.08	0.76	-0.37	0.16	361.27	ppb
Silicon	28-1	3839.56	3765.97	3800.25	3801.92	0.97	ppb
Silver	107-1	0.02	0.02	0.01	0.02	25.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.07	ppb
Sodium	23-2	45378.98	44934.09	44200.12	44837.73	1.33	ppb
Strontium	86-1	6.97	6.93	6.94	6.94	0.31	ppb
Strontium	88-1	6.95	7.01	6.98	6.98	0.45	ppb
Sulfur	34-1	77.01	-181.73	54.24	-16.83		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.04	0.04	0.04	17.59	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.45	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-06	Instrumnet Name :	P7
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:32:07	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.03	0.03	10.74	ppb
Tin	118-1	0.14	0.12	0.09	0.12	21.24	ppb
Titanium	47-1	2.36	2.57	2.66	2.53	5.98	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.02	ppb
Vanadium	51-2	0.61	0.61	0.69	0.64	7.18	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	22.38	20.60	21.10	21.36	4.30	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	12.98	ppb
Zirconium	91-1	0.05	0.04	0.07	0.05	23.71	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.28	92.67	91.32	93.09	2.16	ppb
Antimony	121-1	0.14	0.13	0.11	0.12	11.83	ppb
Arsenic	75-2	0.47	0.48	0.47	0.47	0.54	ppb
Barium	135-1	57.43	56.09	57.60	57.04	1.44	ppb
Barium	137-1	57.44	56.46	56.58	56.83	0.94	ppb
Beryllium	9-1	0.06	0.01	0.05	0.04	57.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	16.71	15.71	17.35	16.59	4.98	ppb
Boron	11-1	16.67	17.92	17.89	17.49	4.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.15	-0.18	-0.16		ppb
Cadmium	106-1	-2.70	-2.40	-2.80	-2.64		ppb
Cadmium	108-1	0.02	0.05	-0.07	0.00		ppb
Calcium	43-1	10582.35	10521.36	10701.11	10601.61	0.86	ppb
Calcium	44-1	10695.50	10826.66	10732.94	10751.70	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.50	0.49	0.49	4.24	ppb
Cobalt	59-2	0.38	0.34	0.35	0.36	5.02	ppb
Copper	63-2	0.65	0.66	0.67	0.66	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				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	1812.61	1797.27	1799.82	1803.23	0.46	ppb
Iron	57-2	1780.91	1811.67	1797.19	1796.59	0.86	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1861.10	1822.26	1847.90	1843.75	1.07	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.89	0.87	0.89	1.77	ppb
Lead	207-1	0.85	0.83	0.85	0.84	1.76	ppb
Lead	208-1	0.87	0.86	0.87	0.87	0.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	2166.05	2140.86	2155.25	2154.05	0.59	ppb
Manganese	55-2	193.73	193.51	193.29	193.51	0.11	ppb
Molybdenum	94-1	0.31	0.35	0.25	0.30	16.57	ppb
Molybdenum	95-1	0.29	0.35	0.32	0.32	8.32	ppb
Molybdenum	96-1	0.35	0.36	0.32	0.35	5.61	ppb
Molybdenum	97-1	0.30	0.41	0.36	0.36	16.56	ppb
Molybdenum	98-1	0.34	0.31	0.33	0.33	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.44	0.50	0.51	15.93	ppb
Phosphorus	31-2	47.88	46.25	20.29	38.14	40.60	ppb
Potassium	39-2	1911.01	1883.56	1930.25	1908.27	1.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.89	0.41	0.68	0.66	36.58	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-1.02	-0.52	-0.64		ppb
Silicon	28-1	3937.18	3953.68	4015.50	3968.79	1.04	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.47	ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.79	ppb
Sodium	23-2	45204.23	44103.61	44475.72	44594.52	1.26	ppb
Strontium	86-1	7.25	7.29	7.27	7.27	0.27	ppb
Strontium	88-1	7.32	7.29	7.29	7.30	0.30	ppb
Sulfur	34-1	479.44	264.79	759.61	501.28	49.50	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.01	0.02	0.02	19.01	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.43	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.03	0.04	0.04	8.45	ppb
Tin	118-1	0.09	0.07	0.08	0.08	12.13	ppb
Titanium	47-1	2.17	2.11	2.02	2.10	3.49	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	15.95	ppb
Vanadium	51-2	0.58	0.58	0.55	0.57	3.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	11.61	10.98	11.37	11.32	2.83	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	3.17	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	18.30	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-08	Instrumnet Name :	P7
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:38:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.11	127.49	128.35	128.31	0.63	ppb
Antimony	121-1	0.15	0.12	0.17	0.15	15.28	ppb
Arsenic	75-2	0.49	0.49	0.42	0.47	8.58	ppb
Barium	135-1	57.27	56.59	56.82	56.89	0.61	ppb
Barium	137-1	57.34	56.99	58.33	57.55	1.20	ppb
Beryllium	9-1	0.01	0.08	0.04	0.04	82.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	15.82	16.59	15.98	16.13	2.50	ppb
Boron	11-1	17.07	17.31	17.22	17.20	0.70	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.04	-0.13	-0.10		ppb
Cadmium	106-1	-2.44	-0.91	-2.17	-1.84		ppb
Cadmium	108-1	0.14	-0.07	-0.07	0.00	5308.36	ppb
Calcium	43-1	10254.80	10237.82	10261.54	10251.39	0.12	ppb
Calcium	44-1	10449.66	10355.00	10348.77	10384.47	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.61	1.52	1.52	1.55	3.24	ppb
Cobalt	59-2	0.43	0.46	0.46	0.45	4.12	ppb
Copper	63-2	0.82	0.86	0.88	0.85	3.85	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				94		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	2281.14	2217.96	2222.27	2240.46	1.58	ppb
Iron	57-2	2211.74	2166.37	2194.66	2190.92	1.05	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-08	Instrumnet Name :	P7
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:38:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2261.16	2251.71	2263.05	2258.64	0.27	ppb
Krypton	83-1						cps
Lead	206-1	5.17	4.89	4.98	5.01	2.79	ppb
Lead	207-1	4.92	4.82	4.79	4.84	1.47	ppb
Lead	208-1	5.00	4.84	4.85	4.90	1.89	ppb
Lithium	6-1				91		%
Magnesium	24-2	2108.23	2048.32	2068.27	2074.94	1.47	ppb
Manganese	55-2	237.64	235.90	236.56	236.70	0.37	ppb
Molybdenum	94-1	0.30	0.28	0.30	0.29	3.97	ppb
Molybdenum	95-1	0.37	0.32	0.35	0.35	7.03	ppb
Molybdenum	96-1	0.33	0.32	0.28	0.31	8.62	ppb
Molybdenum	97-1	0.32	0.26	0.30	0.29	11.78	ppb
Molybdenum	98-1	0.30	0.28	0.33	0.31	7.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.62	0.71	0.63	13.07	ppb
Phosphorus	31-2	40.21	52.90	11.42	34.84	60.99	ppb
Potassium	39-2	1835.31	1800.32	1824.50	1820.04	0.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.34	0.21	0.54	0.37	45.47	ppb
Selenium	77-2	0.00	0.35	0.36	0.24	86.60	ppb
Selenium	78-2	-0.16	0.30	0.03	0.06	394.43	ppb
Silicon	28-1	4013.83	3994.19	3953.86	3987.29	0.77	ppb
Silver	107-1	0.01	0.00	0.00	0.01	80.31	ppb
Silver	109-1	0.01	0.01	0.00	0.01	51.70	ppb
Sodium	23-2	43636.93	42792.52	43262.01	43230.49	0.98	ppb
Strontium	86-1	7.02	6.95	7.10	7.02	1.10	ppb
Strontium	88-1	7.13	7.02	7.05	7.07	0.80	ppb
Sulfur	34-1	572.66	378.78	747.10	566.18	32.54	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.01	0.02	27.30	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.23	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-08	Instrumnet Name :	P7
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:38:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.03	0.04	0.03	13.59	ppb
Tin	118-1	0.16	0.15	0.15	0.15	4.09	ppb
Titanium	47-1	3.57	3.05	2.89	3.17	11.19	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.28	ppb
Vanadium	51-2	0.76	0.72	0.69	0.72	4.85	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	18.84	18.82	19.01	18.89	0.55	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	6.08	ppb
Zirconium	91-1	0.06	0.07	0.05	0.06	22.89	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	800.18	827.84	803.26	810.43	1.87	ppb
Antimony	121-1	0.30	0.26	0.29	0.28	8.03	ppb
Arsenic	75-2	1.15	1.22	1.27	1.21	4.89	ppb
Barium	135-1	76.04	76.36	74.15	75.52	1.59	ppb
Barium	137-1	76.50	76.55	75.18	76.08	1.02	ppb
Beryllium	9-1	0.16	0.09	0.14	0.13	25.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	22.35	23.32	23.10	22.92	2.21	ppb
Boron	11-1	22.17	22.89	24.67	23.24	5.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	-0.01	-0.02	-0.04		ppb
Cadmium	106-1	-2.80	-2.07	-2.30	-2.39		ppb
Cadmium	108-1	0.11	0.16	0.05	0.11	55.58	ppb
Calcium	43-1	19146.45	19702.78	19659.72	19502.98	1.59	ppb
Calcium	44-1	19178.86	19224.86	19368.76	19257.49	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.00	28.99	28.53	28.51	1.73	ppb
Cobalt	59-2	0.93	0.93	0.92	0.93	0.77	ppb
Copper	63-2	11.04	11.13	11.19	11.12	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	4350.09	4350.30	4363.41	4354.60	0.18	ppb
Iron	57-2	4231.15	4254.89	4284.63	4256.89	0.63	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	4301.92	4335.82	4351.46	4329.73	0.58	ppb
Krypton	83-1						cps
Lead	206-1	16.65	17.04	16.89	16.86	1.17	ppb
Lead	207-1	16.02	16.07	16.06	16.05	0.16	ppb
Lead	208-1	16.20	16.45	16.23	16.30	0.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	3008.65	3078.96	3053.36	3046.99	1.17	ppb
Manganese	55-2	260.36	264.54	263.76	262.89	0.85	ppb
Molybdenum	94-1	0.47	0.55	0.56	0.52	9.80	ppb
Molybdenum	95-1	0.44	0.48	0.43	0.45	6.13	ppb
Molybdenum	96-1	0.42	0.46	0.45	0.44	5.34	ppb
Molybdenum	97-1	0.47	0.40	0.37	0.42	12.34	ppb
Molybdenum	98-1	0.41	0.41	0.44	0.42	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.42	1.33	1.33	6.56	ppb
Phosphorus	31-2	225.85	290.39	250.51	255.58	12.74	ppb
Potassium	39-2	3054.15	3136.14	3143.89	3111.39	1.60	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	1.09	0.93	1.36	1.13	19.37	ppb
Selenium	77-2	1.39	1.41	1.41	1.40	1.04	ppb
Selenium	78-2	-0.58	0.34	-0.08	-0.11		ppb
Silicon	28-1	5350.66	5351.15	5402.95	5368.26	0.56	ppb
Silver	107-1	0.04	0.04	0.05	0.04	16.45	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.62	ppb
Sodium	23-2	90241.25	92029.61	91874.49	91381.78	1.08	ppb
Strontium	86-1	10.99	11.04	11.02	11.02	0.22	ppb
Strontium	88-1	10.95	11.00	11.02	10.99	0.33	ppb
Sulfur	34-1	3036.11	2913.87	3074.50	3008.16	2.79	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.03	0.02	0.03	11.44	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	15.54	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.25	0.27	0.28	0.27	4.23	ppb
Tin	118-1	0.66	0.67	0.67	0.67	1.01	ppb
Titanium	47-1	37.02	38.07	37.56	37.55	1.40	ppb
Uranium	238-1	0.22	0.21	0.20	0.21	3.03	ppb
Vanadium	51-2	2.79	2.92	2.75	2.82	3.12	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	41.95	41.87	42.80	42.21	1.22	ppb
Zirconium	90-1	0.15	0.16	0.19	0.17	9.87	ppb
Zirconium	91-1	0.12	0.16	0.12	0.14	16.57	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	585.08	573.19	582.64	580.30	1.08	ppb
Antimony	121-1	0.28	0.34	0.30	0.31	9.50	ppb
Arsenic	75-2	0.92	0.89	0.91	0.91	1.39	ppb
Barium	135-1	71.92	70.31	69.72	70.65	1.61	ppb
Barium	137-1	70.68	69.99	69.95	70.21	0.59	ppb
Beryllium	9-1	0.10	0.09	0.16	0.12	29.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	18.74	16.39	19.72	18.29	9.35	ppb
Boron	11-1	17.30	17.08	18.29	17.56	3.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	-0.08	-0.07	-0.03		ppb
Cadmium	106-1	-0.54	-2.55	-2.24	-1.77		ppb
Cadmium	108-1	0.05	0.04	0.24	0.11	101.91	ppb
Calcium	43-1	12021.48	11913.45	12202.87	12045.93	1.21	ppb
Calcium	44-1	12183.19	12047.82	12185.49	12138.83	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.85	37.91	37.48	37.75	0.62	ppb
Cobalt	59-2	1.01	0.97	1.06	1.01	4.54	ppb
Copper	63-2	8.71	8.78	8.83	8.77	0.72	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				94		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	5363.58	5319.77	5320.86	5334.74	0.47	ppb
Iron	57-2	5245.47	5160.46	5245.79	5217.24	0.94	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5458.24	5385.16	5374.98	5406.13	0.84	ppb
Krypton	83-1						cps
Lead	206-1	47.78	51.92	49.00	49.57	4.30	ppb
Lead	207-1	46.00	49.83	47.02	47.62	4.17	ppb
Lead	208-1	46.67	50.49	47.63	48.27	4.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	2286.96	2280.33	2264.70	2277.33	0.50	ppb
Manganese	55-2	291.54	287.66	288.42	289.21	0.71	ppb
Molybdenum	94-1	0.45	0.45	0.47	0.46	2.78	ppb
Molybdenum	95-1	0.40	0.42	0.42	0.41	3.10	ppb
Molybdenum	96-1	0.45	0.42	0.39	0.42	7.61	ppb
Molybdenum	97-1	0.40	0.37	0.32	0.36	10.51	ppb
Molybdenum	98-1	0.41	0.39	0.39	0.40	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.08	1.04	1.01	8.57	ppb
Phosphorus	31-2	131.90	115.31	148.95	132.05	12.74	ppb
Potassium	39-2	2073.86	2052.31	2050.38	2058.85	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	0.07	0.46	-0.04	0.16	161.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.58	-0.30	-0.47		ppb
Silicon	28-1	4661.25	4699.53	5213.18	4857.99	6.34	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.24	ppb
Silver	109-1	0.02	0.04	0.03	0.03	22.08	ppb
Sodium	23-2	52866.55	52334.45	52398.70	52533.23	0.55	ppb
Strontium	86-1	7.91	7.88	7.91	7.90	0.22	ppb
Strontium	88-1	7.80	7.85	7.89	7.85	0.57	ppb
Sulfur	34-1	852.17	823.94	750.19	808.76	6.51	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.45	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	18.06	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.15	0.17	0.15	0.16	6.90	ppb
Tin	118-1	0.67	0.66	0.62	0.65	3.67	ppb
Titanium	47-1	21.71	18.98	19.25	19.98	7.53	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	2.03	ppb
Vanadium	51-2	2.46	2.49	2.37	2.44	2.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	60.74	60.20	60.29	60.41	0.48	ppb
Zirconium	90-1	0.12	0.11	0.13	0.12	6.74	ppb
Zirconium	91-1	0.07	0.08	0.12	0.09	32.86	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.87	61.58	59.39	60.28	1.91	ppb
Antimony	121-1	0.22	0.23	0.21	0.22	4.43	ppb
Arsenic	75-2	0.41	0.49	0.45	0.45	9.94	ppb
Barium	135-1	65.24	64.49	65.29	65.01	0.69	ppb
Barium	137-1	66.13	65.73	66.32	66.06	0.46	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	54.49	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	20.82	21.01	22.60	21.47	4.56	ppb
Boron	11-1	22.19	22.84	23.62	22.88	3.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.19	-0.07	-0.13		ppb
Cadmium	106-1	-2.44	-3.17	-1.33	-2.31		ppb
Cadmium	108-1	-0.13	-0.10	-0.10	-0.11		ppb
Calcium	43-1	19570.20	19856.93	19792.25	19739.79	0.76	ppb
Calcium	44-1	19453.15	19640.83	19440.16	19511.38	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.01	2.99	2.92	2.97	1.54	ppb
Cobalt	59-2	0.27	0.27	0.22	0.25	11.53	ppb
Copper	63-2	1.96	2.03	1.96	1.98	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	1236.79	1246.92	1241.57	1241.76	0.41	ppb
Iron	57-2	1253.49	1272.56	1266.05	1264.03	0.77	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1258.05	1247.81	1259.66	1255.17	0.51	ppb
Krypton	83-1						cps
Lead	206-1	4.20	4.11	4.18	4.16	1.17	ppb
Lead	207-1	4.11	3.93	4.01	4.02	2.27	ppb
Lead	208-1	4.08	3.96	4.04	4.03	1.53	ppb
Lithium	6-1				92		%
Magnesium	24-2	2917.88	2915.84	2955.40	2929.71	0.76	ppb
Manganese	55-2	131.90	131.00	132.33	131.74	0.52	ppb
Molybdenum	94-1	0.26	0.22	0.26	0.25	8.91	ppb
Molybdenum	95-1	0.32	0.34	0.29	0.31	8.32	ppb
Molybdenum	96-1	0.33	0.32	0.31	0.32	3.20	ppb
Molybdenum	97-1	0.34	0.33	0.28	0.32	8.84	ppb
Molybdenum	98-1	0.33	0.33	0.35	0.34	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.54	0.45	0.52	12.08	ppb
Phosphorus	31-2	20.90	51.45	40.10	37.48	41.19	ppb
Potassium	39-2	2754.42	2779.10	2804.55	2779.35	0.90	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.73	0.84	0.65	0.74	12.90	ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	-0.12	-0.36	-0.54	-0.34		ppb
Silicon	28-1	3954.85	3973.74	3977.78	3968.79	0.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	2.13	ppb
Silver	109-1	0.01	0.02	0.01	0.01	41.52	ppb
Sodium	23-2	91750.88	91755.75	92491.92	91999.52	0.46	ppb
Strontium	86-1	11.06	11.30	11.05	11.14	1.25	ppb
Strontium	88-1	11.12	11.24	11.02	11.13	0.99	ppb
Sulfur	34-1	2247.25	2213.32	2160.69	2207.09	1.98	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	5.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	38.43	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	15.41	ppb
Tin	118-1	0.09	0.10	0.08	0.09	8.99	ppb
Titanium	47-1	2.57	2.65	2.60	2.61	1.58	ppb
Uranium	238-1	0.03	0.05	0.04	0.04	20.10	ppb
Vanadium	51-2	0.48	0.55	0.52	0.52	6.90	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	12.55	12.38	12.14	12.36	1.66	ppb
Zirconium	90-1	0.05	0.03	0.02	0.04	37.71	ppb
Zirconium	91-1	0.03	0.04	0.04	0.03	13.25	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.88	8.22	7.99	7.70	9.28	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	37.40	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	38.30	ppb
Barium	135-1	0.23	0.25	0.25	0.25	4.90	ppb
Barium	137-1	0.31	0.28	0.27	0.29	6.42	ppb
Beryllium	9-1	0.00	-0.02	0.01	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	6.30	4.81	5.70	5.60	13.39	ppb
Boron	11-1	5.63	5.61	5.65	5.63	0.39	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.23	-0.08	-0.12	-0.14		ppb
Cadmium	106-1	-3.49	-1.24	-1.89	-2.21		ppb
Cadmium	108-1	0.00	-0.10	-0.07	-0.06		ppb
Calcium	43-1	125.31	111.07	122.07	119.48	6.25	ppb
Calcium	44-1	114.15	110.39	118.53	114.36	3.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.41	1.44	1.51	1.45	3.67	ppb
Cobalt	59-2	0.05	0.05	0.07	0.06	16.34	ppb
Copper	63-2	0.33	0.32	0.31	0.32	3.26	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				100		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	24.26	23.70	25.14	24.37	2.98	ppb
Iron	57-2	24.75	25.10	26.48	25.44	3.59	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26.70	24.77	24.16	25.21	5.27	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.28	0.32	0.30	6.05	ppb
Lead	207-1	0.28	0.29	0.31	0.29	4.35	ppb
Lead	208-1	0.29	0.28	0.31	0.29	5.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	22.87	21.86	22.70	22.48	2.40	ppb
Manganese	55-2	1.59	1.52	1.56	1.56	2.14	ppb
Molybdenum	94-1	0.09	0.08	0.07	0.08	12.37	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.08	18.35	ppb
Molybdenum	96-1	0.10	0.06	0.09	0.08	24.17	ppb
Molybdenum	97-1	0.07	0.10	0.08	0.08	19.10	ppb
Molybdenum	98-1	0.07	0.09	0.10	0.09	14.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.04	3.77	3.82	3.87	3.66	ppb
Phosphorus	31-2	-1.62	-22.20	-5.15	-9.66		ppb
Potassium	39-2	106.09	104.69	104.93	105.24	0.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.05	0.70	-0.17	0.19	234.04	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-1.01	-0.47	-0.50	-0.66		ppb
Silicon	28-1	10.96	11.71	12.82	11.83	7.93	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.01	63.74	ppb
Sodium	23-2	158.63	150.99	159.55	156.39	3.00	ppb
Strontium	86-1	0.01	0.02	0.02	0.02	14.74	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	3.25	ppb
Sulfur	34-1	-702.51	-758.09	-543.98	-668.19		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	33.88	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.31	0.39	0.36	0.35	12.04	ppb
Titanium	47-1	0.17	0.42	0.56	0.38	52.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.52	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	29.68	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	20.66	21.00	21.39	21.02	1.72	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	31.74	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	16.95	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-15	Instrumnet Name :	P7
Client Sample ID :	A0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:53:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.69	25.76	28.46	26.64	5.93	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	10.97	ppb
Arsenic	75-2	0.20	0.25	0.27	0.24	14.86	ppb
Barium	135-1	25.92	25.68	25.88	25.83	0.51	ppb
Barium	137-1	26.04	25.91	26.13	26.03	0.44	ppb
Beryllium	9-1	0.08	0.01	0.04	0.04	89.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	11.11	12.12	10.85	11.36	5.89	ppb
Boron	11-1	11.36	11.96	12.71	12.01	5.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.09	-0.14	-0.15	-0.13		ppb
Cadmium	106-1	-1.53	-2.23	-2.46	-2.07		ppb
Cadmium	108-1	-0.13	-0.10	0.07	-0.05		ppb
Calcium	43-1	4234.15	4271.32	4208.94	4238.14	0.74	ppb
Calcium	44-1	4334.85	4313.81	4289.78	4312.81	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.27	0.25	0.27	4.54	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	3.26	ppb
Copper	63-2	0.20	0.19	0.22	0.21	7.27	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				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	451.79	451.67	448.79	450.75	0.38	ppb
Iron	57-2	459.77	454.72	452.32	455.60	0.83	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-15	Instrumnet Name :	P7
Client Sample ID :	A0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:53:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	454.77	459.86	452.25	455.63	0.85	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.41	0.40	0.41	1.95	ppb
Lead	207-1	0.45	0.37	0.35	0.39	13.03	ppb
Lead	208-1	0.41	0.39	0.39	0.40	3.12	ppb
Lithium	6-1				91		%
Magnesium	24-2	1056.62	1045.99	1040.47	1047.70	0.78	ppb
Manganese	55-2	53.27	54.70	53.21	53.72	1.57	ppb
Molybdenum	94-1	0.04	0.05	0.07	0.05	31.28	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	23.38	ppb
Molybdenum	96-1	0.08	2.13	0.06	0.76	156.84	ppb
Molybdenum	97-1	0.07	0.13	0.08	0.09	34.40	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.17	0.16	0.13	49.37	ppb
Phosphorus	31-2	-1.02	16.45	8.84	8.09	108.30	ppb
Potassium	39-2	818.50	809.66	805.32	811.16	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.53	0.12	0.50	0.38	58.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.57	-0.54	-0.47	-0.53		ppb
Silicon	28-1	867.16	877.44	870.12	871.58	0.61	ppb
Silver	107-1	0.00	0.00	0.01	0.00	430.17	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	49403.81	48838.38	48043.24	48761.81	1.40	ppb
Strontium	86-1	3.52	3.35	3.43	3.43	2.54	ppb
Strontium	88-1	3.44	3.41	3.42	3.42	0.40	ppb
Sulfur	34-1	1212.66	1160.41	844.53	1072.53	18.57	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.01	0.01	52.38	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	243.52	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-15	Instrumnet Name :	P7
Client Sample ID :	A0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:53:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	19.09	ppb
Tin	118-1	0.06	0.03	0.03	0.04	37.80	ppb
Titanium	47-1	0.55	0.68	0.62	0.62	10.70	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	11.26	ppb
Vanadium	51-2	0.12	0.16	0.15	0.14	15.61	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	12.33	12.29	11.93	12.18	1.81	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	59.82	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	77.86	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-16 Instrumnet Name : P7
 Client Sample ID : A0AQ5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:57:04 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.19	60.51	59.96	61.22	2.83	ppb
Antimony	121-1	0.12	0.10	0.12	0.11	12.35	ppb
Arsenic	75-2	0.26	0.23	0.22	0.24	7.61	ppb
Barium	135-1	28.51	29.02	28.90	28.81	0.92	ppb
Barium	137-1	28.63	28.40	29.06	28.70	1.16	ppb
Beryllium	9-1	0.04	0.06	0.05	0.05	15.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	10.37	11.26	13.66	11.76	14.48	ppb
Boron	11-1	12.35	12.33	12.69	12.46	1.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.12	-0.09	-0.10	-0.10		ppb
Cadmium	106-1	-2.15	-1.59	-1.87	-1.87		ppb
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Calcium	43-1	4710.16	4621.16	4682.80	4671.37	0.98	ppb
Calcium	44-1	4779.79	4699.25	4820.29	4766.44	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.63	4.69	4.53	4.62	1.78	ppb
Cobalt	59-2	0.23	0.24	0.24	0.24	1.20	ppb
Copper	63-2	2.31	2.49	2.42	2.40	3.82	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				97		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	664.54	661.77	656.00	660.77	0.66	ppb
Iron	57-2	661.80	667.69	659.09	662.86	0.66	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-16	Instrumnet Name :	P7
Client Sample ID :	A0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:57:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	676.05	667.27	669.78	671.03	0.67	ppb
Krypton	83-1						cps
Lead	206-1	1.74	1.57	1.75	1.68	5.88	ppb
Lead	207-1	1.63	1.46	1.56	1.55	5.49	ppb
Lead	208-1	1.67	1.52	1.65	1.61	5.14	ppb
Lithium	6-1				91		%
Magnesium	24-2	1068.43	1066.55	1061.76	1065.58	0.32	ppb
Manganese	55-2	127.67	126.98	125.22	126.62	1.00	ppb
Molybdenum	94-1	0.25	0.19	0.30	0.25	21.70	ppb
Molybdenum	95-1	0.17	0.17	0.18	0.17	4.54	ppb
Molybdenum	96-1	0.16	0.16	0.17	0.17	4.74	ppb
Molybdenum	97-1	0.16	0.17	0.13	0.15	14.92	ppb
Molybdenum	98-1	0.16	0.20	0.16	0.17	11.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.20	4.09	4.21	4.17	1.54	ppb
Phosphorus	31-2	29.01	1.81	1.26	10.69	148.42	ppb
Potassium	39-2	1128.43	1133.16	1105.65	1122.41	1.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.42	0.56	0.30	0.43	30.15	ppb
Selenium	77-2	0.71	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	-0.95	-0.18	-0.54	-0.56		ppb
Silicon	28-1	919.00	911.95	921.72	917.55	0.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	34.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.83	ppb
Sodium	23-2	48533.47	48019.09	47256.35	47936.30	1.34	ppb
Strontium	86-1	3.58	3.56	3.60	3.58	0.51	ppb
Strontium	88-1	3.55	3.56	3.58	3.56	0.43	ppb
Sulfur	34-1	1480.28	1538.42	1665.01	1561.24	6.05	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.96	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	32.31	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-16	Instrumnet Name :	P7
Client Sample ID :	A0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:57:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	16.52	ppb
Tin	118-1	2.34	2.25	2.31	2.30	2.02	ppb
Titanium	47-1	1.60	1.46	1.41	1.49	6.47	ppb
Uranium	238-1	0.03	0.02	0.03	0.02	15.04	ppb
Vanadium	51-2	0.25	0.30	0.24	0.26	12.56	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	74.22	75.98	74.59	74.93	1.24	ppb
Zirconium	90-1	0.10	0.09	0.06	0.08	24.47	ppb
Zirconium	91-1	0.09	0.08	0.08	0.08	5.47	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.46	24.74	28.30	27.17	7.75	ppb
Antimony	121-1	0.10	0.08	0.07	0.08	16.17	ppb
Arsenic	75-2	0.15	0.15	0.19	0.16	13.76	ppb
Barium	135-1	25.04	24.50	25.01	24.85	1.22	ppb
Barium	137-1	24.38	25.11	25.35	24.94	2.02	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	24.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	10.42	10.96	10.75	10.71	2.54	ppb
Boron	11-1	10.75	11.45	11.67	11.29	4.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.20	-0.09	-0.15	-0.15		ppb
Cadmium	106-1	-3.12	-1.36	-2.28	-2.25		ppb
Cadmium	108-1	-0.04	-0.01	0.02	-0.01		ppb
Calcium	43-1	3643.59	3751.42	3749.39	3714.80	1.66	ppb
Calcium	44-1	3708.48	3696.10	3825.61	3743.40	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.43	0.41	0.40	9.23	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	15.69	ppb
Copper	63-2	0.22	0.22	0.19	0.21	5.93	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				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	280.46	278.84	277.94	279.08	0.46	ppb
Iron	57-2	281.49	290.70	282.18	284.79	1.80	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	286.14	282.40	281.26	283.27	0.90	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.31	0.36	0.35	11.37	ppb
Lead	207-1	0.35	0.34	0.35	0.35	1.75	ppb
Lead	208-1	0.37	0.32	0.33	0.34	7.47	ppb
Lithium	6-1				90		%
Magnesium	24-2	933.00	936.04	927.39	932.14	0.47	ppb
Manganese	55-2	30.19	30.16	29.28	29.88	1.72	ppb
Molybdenum	94-1	0.07	0.10	0.11	0.09	19.86	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	3.53	ppb
Molybdenum	96-1	0.07	0.05	0.07	0.06	11.85	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	8.32	ppb
Molybdenum	98-1	0.06	0.06	0.04	0.06	19.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.18	0.23	0.21	12.47	ppb
Phosphorus	31-2	25.64	-7.16	-3.57	4.97	361.90	ppb
Potassium	39-2	751.38	733.25	727.32	737.32	1.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.06	0.37	0.20	0.21	76.76	ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	-0.47	-0.71	-0.60	-0.59		ppb
Silicon	28-1	670.71	663.93	694.75	676.47	2.39	ppb
Silver	107-1	0.01	0.00	0.00	0.00	566.18	ppb
Silver	109-1	0.00	0.00	0.01	0.00	31.71	ppb
Sodium	23-2	48583.87	48676.70	48323.14	48527.91	0.38	ppb
Strontium	86-1	3.08	3.09	3.19	3.12	1.94	ppb
Strontium	88-1	3.09	3.10	3.14	3.11	0.79	ppb
Sulfur	34-1	1072.20	904.62	1767.74	1248.19	36.67	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.00	0.00	33.05	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	345.93	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	17.74	ppb
Tin	118-1	0.10	0.05	0.08	0.08	31.06	ppb
Titanium	47-1	0.56	0.59	0.59	0.58	3.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.54	ppb
Vanadium	51-2	0.11	0.11	0.08	0.10	19.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	10.03	10.33	10.12	10.16	1.49	ppb
Zirconium	90-1	0.02	0.02	0.04	0.03	51.93	ppb
Zirconium	91-1	0.01	0.02	-0.02	0.00	558.95	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.30	23.54	22.92	23.92	5.16	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	1.43	ppb
Arsenic	75-2	0.16	0.16	0.14	0.15	6.01	ppb
Barium	135-1	24.63	23.50	24.73	24.29	2.82	ppb
Barium	137-1	24.72	24.31	24.75	24.59	1.01	ppb
Beryllium	9-1	0.02	0.06	0.03	0.04	56.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	9.11	10.55	10.83	10.16	9.06	ppb
Boron	11-1	10.08	10.98	10.75	10.60	4.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.20	-0.03	-0.10		ppb
Cadmium	106-1	-1.02	-3.14	-0.59	-1.59		ppb
Cadmium	108-1	-0.18	-0.16	-0.10	-0.15		ppb
Calcium	43-1	3460.95	3503.78	3563.95	3509.56	1.47	ppb
Calcium	44-1	3558.75	3565.03	3603.80	3575.86	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.40	0.40	0.39	3.21	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	12.19	ppb
Copper	63-2	0.27	0.27	0.25	0.26	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	239.66	240.22	239.24	239.71	0.20	ppb
Iron	57-2	234.53	237.22	240.97	237.57	1.36	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	255.52	239.68	246.57	247.25	3.21	ppb
Krypton	83-1						cps
Lead	206-1	0.51	0.49	0.51	0.50	2.69	ppb
Lead	207-1	0.49	0.45	0.50	0.48	6.08	ppb
Lead	208-1	0.49	0.47	0.48	0.48	1.87	ppb
Lithium	6-1				92		%
Magnesium	24-2	920.49	920.69	905.06	915.42	0.98	ppb
Manganese	55-2	19.93	20.14	19.31	19.79	2.17	ppb
Molybdenum	94-1	0.05	0.10	0.10	0.08	39.96	ppb
Molybdenum	95-1	0.06	0.09	0.05	0.06	29.64	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.07	4.97	ppb
Molybdenum	97-1	0.05	0.11	0.08	0.08	32.87	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	12.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.37	0.34	0.38	10.25	ppb
Phosphorus	31-2	9.68	-0.27	-6.64	0.92	890.23	ppb
Potassium	39-2	756.80	759.60	750.37	755.59	0.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.06	0.27	0.55	0.29	84.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.76	-0.51	0.02	0.09	710.58	ppb
Silicon	28-1	465.73	476.18	487.00	476.30	2.23	ppb
Silver	107-1	0.01	0.00	0.01	0.00	174.47	ppb
Silver	109-1	0.00	0.02	0.01	0.01	55.22	ppb
Sodium	23-2	50639.49	50182.84	49594.93	50139.09	1.04	ppb
Strontium	86-1	3.02	3.01	3.08	3.03	1.30	ppb
Strontium	88-1	3.04	3.00	3.08	3.04	1.32	ppb
Sulfur	34-1	1329.45	822.82	1328.27	1160.18	25.18	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	32.41	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	18.51	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	6.96	ppb
Tin	118-1	0.09	0.11	0.12	0.11	12.02	ppb
Titanium	47-1	0.47	0.63	0.54	0.55	14.52	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	16.07	ppb
Vanadium	51-2	0.10	0.11	0.12	0.11	10.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	15.73	15.90	15.75	15.79	0.61	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.40	ppb
Zirconium	91-1	0.04	0.00	0.02	0.02	128.81	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-19	Instrumnet Name :	P7
Client Sample ID :	A0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:06:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.73	9.98	12.33	11.01	10.94	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	13.49	ppb
Arsenic	75-2	0.15	0.17	0.17	0.16	5.79	ppb
Barium	135-1	22.73	23.49	22.90	23.04	1.75	ppb
Barium	137-1	22.91	23.70	23.54	23.39	1.79	ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	51.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	7.98	9.22	9.62	8.94	9.52	ppb
Boron	11-1	9.75	9.46	9.39	9.53	2.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.12	-0.06	-0.10	-0.09		ppb
Cadmium	106-1	-1.70	-1.00	-1.48	-1.39		ppb
Cadmium	108-1	0.05	-0.01	0.02	0.02	134.35	ppb
Calcium	43-1	3451.30	3543.33	3567.14	3520.59	1.74	ppb
Calcium	44-1	3602.87	3547.96	3598.90	3583.24	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.52	0.54	0.55	6.60	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	20.87	ppb
Copper	63-2	0.21	0.23	0.30	0.25	18.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	231.15	233.03	229.44	231.21	0.78	ppb
Iron	57-2	232.21	241.14	236.13	236.49	1.89	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-19	Instrumnet Name :	P7
Client Sample ID :	A0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:06:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	235.66	229.96	240.33	235.32	2.21	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.24	0.23	2.83	ppb
Lead	207-1	0.21	0.25	0.22	0.23	8.01	ppb
Lead	208-1	0.23	0.24	0.23	0.23	1.54	ppb
Lithium	6-1				93		%
Magnesium	24-2	908.23	893.77	897.06	899.69	0.84	ppb
Manganese	55-2	14.03	14.12	14.04	14.07	0.35	ppb
Molybdenum	94-1	0.03	0.05	0.07	0.05	43.58	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	17.26	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	14.54	ppb
Molybdenum	97-1	0.06	0.05	0.07	0.06	14.76	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	15.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.23	0.24	0.23	3.25	ppb
Phosphorus	31-2	-22.67	-17.49	-29.39	-23.18		ppb
Potassium	39-2	757.61	760.03	754.04	757.23	0.40	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	-0.03	0.53	0.31	0.27	103.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.50	0.35	-0.61	-0.25		ppb
Silicon	28-1	532.05	527.07	534.53	531.22	0.71	ppb
Silver	107-1	0.00	0.01	0.00	0.00	742.33	ppb
Silver	109-1	0.01	0.00	0.01	0.01	65.60	ppb
Sodium	23-2	50369.72	50457.72	50103.33	50310.26	0.37	ppb
Strontium	86-1	2.97	3.06	3.04	3.02	1.49	ppb
Strontium	88-1	3.03	3.07	3.09	3.06	0.99	ppb
Sulfur	34-1	817.09	1054.51	1131.91	1001.17	16.39	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.01	0.00	200.00	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-19	Instrumnet Name :	P7
Client Sample ID :	A0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:06:23	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	62.44	ppb
Tin	118-1	0.08	0.07	0.08	0.08	6.32	ppb
Titanium	47-1	0.26	0.23	0.18	0.22	18.45	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.94	ppb
Vanadium	51-2	0.06	0.06	0.08	0.07	15.55	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	5.44	5.29	5.28	5.33	1.67	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	79.65	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	58.21	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-20	Instrumnet Name :	P7
Client Sample ID :	A0AR5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:09:31	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.20	9.94	10.09	10.08	1.30	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	4.97	ppb
Arsenic	75-2	0.14	0.19	0.21	0.18	18.99	ppb
Barium	135-1	23.18	22.81	23.50	23.16	1.50	ppb
Barium	137-1	22.51	23.55	23.08	23.05	2.26	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	38.27	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	10.03	8.76	10.04	9.61	7.70	ppb
Boron	11-1	10.62	10.70	11.08	10.80	2.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.19	-0.12	-0.14		ppb
Cadmium	106-1	-1.51	-2.91	-1.86	-2.09		ppb
Cadmium	108-1	-0.07	-0.07	-0.07	-0.07		ppb
Calcium	43-1	3549.57	3499.39	3535.49	3528.15	0.73	ppb
Calcium	44-1	3548.58	3548.01	3560.58	3552.39	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.38	0.35	0.38	7.90	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	23.92	ppb
Copper	63-2	0.11	0.13	0.09	0.11	15.04	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				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	221.02	221.83	217.40	220.08	1.07	ppb
Iron	57-2	225.91	220.57	232.26	226.24	2.59	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-20	Instrumnet Name :	P7
Client Sample ID :	A0AR5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:09:31	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	221.21	222.93	224.00	222.71	0.63	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.15	0.21	0.18	16.66	ppb
Lead	207-1	0.16	0.18	0.15	0.16	7.82	ppb
Lead	208-1	0.17	0.16	0.17	0.17	1.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	891.35	881.21	880.87	884.48	0.67	ppb
Manganese	55-2	14.20	13.90	13.90	14.00	1.26	ppb
Molybdenum	94-1	0.04	0.07	0.05	0.05	29.40	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	14.88	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	10.29	ppb
Molybdenum	97-1	0.03	0.07	0.04	0.05	43.10	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	15.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.30	0.28	0.30	6.78	ppb
Phosphorus	31-2	-2.72	-12.45	3.82	-3.78		ppb
Potassium	39-2	755.08	762.56	765.51	761.05	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	0.03	-0.13	0.50	0.13	252.70	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.59	-0.36	-0.50	-0.48		ppb
Silicon	28-1	523.73	521.51	524.39	523.21	0.29	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	130.78	ppb
Sodium	23-2	49889.24	49662.20	48851.69	49467.71	1.10	ppb
Strontium	86-1	3.02	3.00	3.06	3.03	1.12	ppb
Strontium	88-1	2.98	3.02	3.05	3.01	1.23	ppb
Sulfur	34-1	859.32	932.74	896.75	896.27	4.10	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.01	0.01	64.37	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	65.77	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-20	Instrumnet Name :	P7
Client Sample ID :	A0AR5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:09:31	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	39.72	ppb
Tin	118-1	0.07	0.11	0.10	0.09	19.09	ppb
Titanium	47-1	0.34	0.20	0.29	0.28	24.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.35	ppb
Vanadium	51-2	0.07	0.06	0.07	0.07	4.23	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	7.29	7.05	7.17	7.17	1.64	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	69.41	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	42.51	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-21	Instrumnet Name :	P7
Client Sample ID :	A0AR7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.28	12.51	10.04	11.61	11.76	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	12.72	ppb
Arsenic	75-2	0.12	0.14	0.16	0.14	13.97	ppb
Barium	135-1	22.32	23.45	22.58	22.78	2.60	ppb
Barium	137-1	22.49	23.59	22.74	22.94	2.50	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	29.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	10-1	10.29	10.41	11.01	10.57	3.65	ppb
Boron	11-1	10.65	10.80	10.93	10.79	1.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.35	-0.08	-0.14	-0.19		ppb
Cadmium	106-1	-5.41	-1.14	-2.05	-2.87		ppb
Cadmium	108-1	-0.10	0.05	0.06	0.00	3314.15	ppb
Calcium	43-1	3463.46	3464.55	3327.12	3418.37	2.31	ppb
Calcium	44-1	3427.36	3556.64	3343.86	3442.62	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.29	0.26	0.28	6.52	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	21.86	ppb
Copper	63-2	0.11	0.15	0.12	0.13	18.32	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				104		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	232.55	228.00	227.37	229.31	1.23	ppb
Iron	57-2	234.44	230.08	237.86	234.13	1.67	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-21	Instrumnet Name :	P7
Client Sample ID :	A0AR7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	237.13	233.58	231.74	234.15	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.16	0.14	0.14	12.01	ppb
Lead	207-1	0.14	0.15	0.13	0.14	7.78	ppb
Lead	208-1	0.13	0.13	0.12	0.13	5.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	886.16	875.64	868.21	876.67	1.03	ppb
Manganese	55-2	15.34	15.02	14.81	15.06	1.78	ppb
Molybdenum	94-1	0.04	0.05	0.03	0.04	30.08	ppb
Molybdenum	95-1	0.03	0.06	0.05	0.05	29.57	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.05	13.95	ppb
Molybdenum	97-1	0.03	0.06	0.06	0.05	34.25	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	19.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.12	0.18	0.17	25.79	ppb
Phosphorus	31-2	-2.72	-5.25	-7.78	-5.25		ppb
Potassium	39-2	791.90	762.56	767.91	774.12	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	0.42	-0.79	0.10	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	0.08	-0.55	-0.33		ppb
Silicon	28-1	523.14	553.44	520.84	532.47	3.42	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	40.37	ppb
Sodium	23-2	49719.23	48998.58	48604.28	49107.37	1.15	ppb
Strontium	86-1	2.92	2.96	2.88	2.92	1.41	ppb
Strontium	88-1	2.90	2.99	2.87	2.92	2.11	ppb
Sulfur	34-1	602.33	1003.37	910.77	838.82	25.03	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.00	114.39	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	753.10	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-21	Instrumnet Name :	P7
Client Sample ID :	A0AR7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	237.88	ppb
Tin	118-1	0.03	0.05	0.02	0.03	51.06	ppb
Titanium	47-1	0.27	0.25	0.22	0.25	11.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.38	ppb
Vanadium	51-2	0.05	0.05	0.05	0.05	6.21	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	7.82	7.83	8.19	7.95	2.65	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	49.63	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	98.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.25	13.24	15.71	14.40	8.64	ppb
Antimony	121-1	0.06	0.09	0.09	0.08	18.30	ppb
Arsenic	75-2	0.13	0.13	0.15	0.14	10.18	ppb
Barium	135-1	24.35	23.45	23.73	23.84	1.93	ppb
Barium	137-1	24.05	23.88	24.29	24.07	0.86	ppb
Beryllium	9-1	0.01	0.02	0.05	0.03	70.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	10.99	9.62	9.23	9.95	9.32	ppb
Boron	11-1	10.16	10.10	10.58	10.28	2.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.14	-0.23	-0.16		ppb
Cadmium	106-1	-1.67	-2.18	-3.51	-2.45		ppb
Cadmium	108-1	-0.04	-0.04	-0.13	-0.07		ppb
Calcium	43-1	3621.43	3574.14	3610.97	3602.18	0.69	ppb
Calcium	44-1	3627.12	3618.00	3687.21	3644.11	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.52	0.48	0.47	12.60	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	17.76	ppb
Copper	63-2	0.13	0.18	0.14	0.15	18.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	239.71	240.83	239.60	240.05	0.28	ppb
Iron	57-2	239.28	247.32	234.86	240.49	2.63	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	240.69	243.24	242.90	242.28	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.25	0.23	0.23	10.43	ppb
Lead	207-1	0.23	0.23	0.18	0.21	14.94	ppb
Lead	208-1	0.22	0.24	0.20	0.22	9.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	904.78	915.17	907.59	909.18	0.59	ppb
Manganese	55-2	15.62	15.79	15.75	15.72	0.57	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	8.34	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	7.44	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	8.95	ppb
Molybdenum	97-1	0.05	0.05	0.07	0.06	20.48	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	27.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.24	0.22	0.25	18.50	ppb
Phosphorus	31-2	-16.97	-7.30	-23.23	-15.83		ppb
Potassium	39-2	788.44	769.15	769.37	775.66	1.43	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.62	0.37	-0.48	0.17	344.48	ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	-0.15	-0.21	0.32	-0.01		ppb
Silicon	28-1	556.45	548.28	562.22	555.65	1.26	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	60.66	ppb
Sodium	23-2	50372.22	50962.98	50685.30	50673.50	0.58	ppb
Strontium	86-1	3.05	3.06	3.10	3.07	0.93	ppb
Strontium	88-1	3.08	3.05	3.11	3.08	0.99	ppb
Sulfur	34-1	1946.63	983.47	1457.71	1462.60	32.93	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.01	0.01	55.65	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	41.30	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	64.58	ppb
Tin	118-1	0.16	0.12	0.10	0.12	24.93	ppb
Titanium	47-1	0.22	0.17	0.29	0.23	25.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.69	ppb
Vanadium	51-2	0.05	0.06	0.08	0.06	23.40	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	13.70	13.49	14.04	13.74	2.00	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	9.40	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	70.08	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.98	9.28	10.42	10.23	8.47	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	7.21	ppb
Arsenic	75-2	0.16	0.16	0.16	0.16	1.76	ppb
Barium	135-1	23.45	22.90	22.52	22.96	2.03	ppb
Barium	137-1	22.86	22.90	22.98	22.91	0.25	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	136.89	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	9.53	10.60	10.59	10.24	5.99	ppb
Boron	11-1	9.72	10.66	11.05	10.48	6.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.12	-0.21	-0.18		ppb
Cadmium	106-1	-3.17	-1.83	-3.21	-2.74		ppb
Cadmium	108-1	-0.07	-0.13	-0.04	-0.08		ppb
Calcium	43-1	3471.74	3557.88	3588.84	3539.49	1.71	ppb
Calcium	44-1	3491.52	3491.90	3527.58	3503.67	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.20	0.20	0.19	10.89	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.70	ppb
Copper	63-2	0.61	0.60	0.62	0.61	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	215.37	215.57	216.35	215.76	0.24	ppb
Iron	57-2	225.21	221.20	219.85	222.09	1.25	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	216.29	218.89	216.13	217.11	0.71	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.21	0.21	4.29	ppb
Lead	207-1	0.19	0.20	0.18	0.19	5.20	ppb
Lead	208-1	0.22	0.19	0.20	0.20	6.15	ppb
Lithium	6-1				94		%
Magnesium	24-2	860.01	865.40	876.76	867.39	0.99	ppb
Manganese	55-2	14.00	14.34	14.17	14.17	1.19	ppb
Molybdenum	94-1	0.09	0.03	0.02	0.05	83.98	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	3.47	ppb
Molybdenum	96-1	0.06	0.06	0.04	0.05	24.56	ppb
Molybdenum	97-1	0.07	0.05	0.06	0.06	22.86	ppb
Molybdenum	98-1	0.03	0.05	0.06	0.05	32.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.31	0.28	0.29	4.65	ppb
Phosphorus	31-2	-14.59	-11.81	-26.28	-17.56		ppb
Potassium	39-2	750.95	767.22	736.48	751.55	2.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	0.01	-0.83	0.45	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.36	-1.21	-0.32	-0.63		ppb
Silicon	28-1	523.33	522.74	530.63	525.57	0.84	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	75.24	ppb
Sodium	23-2	48008.58	48705.65	49689.95	48801.39	1.73	ppb
Strontium	86-1	2.96	2.94	3.02	2.98	1.39	ppb
Strontium	88-1	2.94	2.95	3.00	2.96	1.10	ppb
Sulfur	34-1	1198.12	1123.83	1034.13	1118.69	7.34	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.00	0.00	137.40	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1242.73	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	112.73	ppb
Tin	118-1	0.00	0.03	0.00	0.01	125.22	ppb
Titanium	47-1	0.23	0.30	0.27	0.27	12.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.78	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	12.89	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	4.75	5.05	5.07	4.96	3.57	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	71.11	ppb
Zirconium	91-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.89	14.46	15.16	14.83	2.39	ppb
Antimony	121-1	0.06	0.07	0.09	0.07	17.98	ppb
Arsenic	75-2	0.19	0.17	0.15	0.17	11.36	ppb
Barium	135-1	24.62	25.73	25.27	25.20	2.21	ppb
Barium	137-1	24.82	25.33	26.01	25.39	2.34	ppb
Beryllium	9-1	0.07	0.06	0.04	0.05	26.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	10.86	9.40	10.78	10.35	7.92	ppb
Boron	11-1	10.43	10.93	11.75	11.04	6.02	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.17	-0.16	-0.16		ppb
Cadmium	106-1	-2.23	-2.56	-2.38	-2.39		ppb
Cadmium	108-1	-0.13	0.02	-0.01	-0.04		ppb
Calcium	43-1	3669.54	3650.79	3688.68	3669.67	0.52	ppb
Calcium	44-1	3639.25	3654.47	3686.27	3660.00	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.34	0.47	0.40	16.36	ppb
Cobalt	59-2	0.03	0.04	0.04	0.03	11.55	ppb
Copper	63-2	0.16	0.13	0.12	0.14	16.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	339.37	334.12	332.99	335.49	1.02	ppb
Iron	57-2	340.70	332.33	331.71	334.91	1.50	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	340.54	341.61	329.56	337.24	1.98	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.25	0.24	0.23	11.95	ppb
Lead	207-1	0.21	0.21	0.25	0.22	9.70	ppb
Lead	208-1	0.21	0.23	0.23	0.22	4.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	915.67	901.05	901.42	906.05	0.92	ppb
Manganese	55-2	33.68	33.21	32.97	33.29	1.09	ppb
Molybdenum	94-1	0.05	0.02	0.05	0.04	38.48	ppb
Molybdenum	95-1	0.06	0.04	0.05	0.05	15.69	ppb
Molybdenum	96-1	0.06	0.07	0.07	0.06	6.10	ppb
Molybdenum	97-1	0.06	0.07	0.04	0.05	31.29	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.29	0.30	0.30	1.79	ppb
Phosphorus	31-2	-29.89	0.22	0.16	-9.84		ppb
Potassium	39-2	768.33	782.08	761.86	770.76	1.34	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.26	-0.31	0.44	0.13	303.52	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.64	-0.66	-0.86	-0.72		ppb
Silicon	28-1	561.20	566.52	580.44	569.39	1.74	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.01	0.00	58.16	ppb
Sodium	23-2	51702.02	50481.65	50211.80	50798.49	1.56	ppb
Strontium	86-1	3.10	3.08	3.13	3.10	0.79	ppb
Strontium	88-1	3.09	3.07	3.12	3.09	0.78	ppb
Sulfur	34-1	1161.77	1236.69	1334.89	1244.45	6.98	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.01	0.01	0.01	44.94	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	208.86	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	184.92	ppb
Tin	118-1	0.06	0.05	0.09	0.06	28.69	ppb
Titanium	47-1	0.34	0.37	0.30	0.34	9.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.17	ppb
Vanadium	51-2	0.09	0.08	0.06	0.07	22.89	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	12.94	13.31	12.96	13.07	1.61	ppb
Zirconium	90-1	0.00	0.02	0.00	0.00	335.78	ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	164.43	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-01	Instrumnet Name :	P7
Client Sample ID :	A0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:25:41	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.18	52.55	54.31	52.68	2.98	ppb
Antimony	121-1	0.09	0.12	0.11	0.11	12.53	ppb
Arsenic	75-2	0.37	0.39	0.41	0.39	4.69	ppb
Barium	135-1	48.38	49.66	48.90	48.98	1.31	ppb
Barium	137-1	48.69	48.72	48.79	48.74	0.10	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	18.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	14.38	15.68	16.30	15.45	6.33	ppb
Boron	11-1	15.75	15.34	15.49	15.53	1.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.16	-0.18	-0.17	-0.17		ppb
Cadmium	106-1	-2.42	-2.85	-2.50	-2.59		ppb
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Calcium	43-1	9979.26	10027.04	9952.34	9986.21	0.38	ppb
Calcium	44-1	10162.33	10063.64	10196.71	10140.90	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.59	0.59	0.58	0.71	ppb
Cobalt	59-2	0.28	0.29	0.27	0.28	4.29	ppb
Copper	63-2	0.60	0.59	0.64	0.61	4.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	702.61	707.71	699.80	703.37	0.57	ppb
Iron	57-2	719.02	719.51	706.59	715.04	1.02	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-01	Instrumnet Name :	P7
Client Sample ID :	A0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:25:41	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	715.32	718.31	711.29	714.97	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.32	0.35	0.33	5.59	ppb
Lead	207-1	0.30	0.30	0.35	0.32	9.34	ppb
Lead	208-1	0.30	0.29	0.33	0.31	7.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	2094.21	2112.65	2067.83	2091.56	1.08	ppb
Manganese	55-2	173.77	174.13	171.10	173.00	0.96	ppb
Molybdenum	94-1	0.27	0.23	0.28	0.26	9.78	ppb
Molybdenum	95-1	0.26	0.33	0.34	0.31	14.94	ppb
Molybdenum	96-1	0.30	0.32	0.32	0.31	3.61	ppb
Molybdenum	97-1	0.31	0.32	0.28	0.30	7.33	ppb
Molybdenum	98-1	0.25	0.31	0.25	0.27	12.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.78	0.88	0.84	6.17	ppb
Phosphorus	31-2	-8.65	-26.62	2.76	-10.84		ppb
Potassium	39-2	1895.79	1877.53	1898.65	1890.66	0.61	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.46	0.42	0.57	0.18	316.42	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.73	0.08	-0.39		ppb
Silicon	28-1	3865.36	3791.52	3815.21	3824.03	0.99	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.01	0.01	0.00	0.01	32.20	ppb
Sodium	23-2	45886.89	46573.36	45795.33	46085.19	0.92	ppb
Strontium	86-1	6.78	6.82	6.99	6.86	1.61	ppb
Strontium	88-1	6.85	6.83	6.98	6.89	1.20	ppb
Sulfur	34-1	858.63	976.42	776.67	870.57	11.53	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.01	0.00	352.87	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	132.62	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-01	Instrumnet Name :	P7
Client Sample ID :	A0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:25:41	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	5.23	ppb
Tin	118-1	0.08	0.14	0.15	0.12	29.65	ppb
Titanium	47-1	2.44	1.00	1.01	1.48	55.82	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.87	ppb
Vanadium	51-2	0.37	0.43	0.37	0.39	8.03	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	13.90	13.81	13.32	13.68	2.28	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	15.49	ppb
Zirconium	91-1	0.04	0.05	0.01	0.03	56.27	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.27	58.28	60.65	59.40	2.00	ppb
Antimony	121-1	0.07	0.11	0.09	0.09	19.66	ppb
Arsenic	75-2	0.35	0.33	0.43	0.37	15.00	ppb
Barium	135-1	48.68	50.21	50.03	49.64	1.68	ppb
Barium	137-1	50.09	50.63	50.68	50.47	0.65	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	21.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	12.47	13.41	17.01	14.30	16.74	ppb
Boron	11-1	15.11	15.44	16.25	15.60	3.78	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	-0.25	-0.19	-0.21		ppb
Cadmium	106-1	-2.82	-3.92	-2.83	-3.19		ppb
Cadmium	108-1	0.05	-0.13	-0.10	-0.06		ppb
Calcium	43-1	9817.53	9743.42	9984.14	9848.36	1.25	ppb
Calcium	44-1	9966.47	9882.50	10152.73	10000.57	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.65	0.72	0.68	5.15	ppb
Cobalt	59-2	0.21	0.22	0.23	0.22	3.82	ppb
Copper	63-2	0.80	0.78	0.84	0.81	3.33	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				100		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	685.10	693.64	689.87	689.54	0.62	ppb
Iron	57-2	687.79	689.68	699.01	692.16	0.87	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	690.07	710.69	696.78	699.18	1.50	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.90	1.00	0.95	5.56	ppb
Lead	207-1	0.95	0.91	0.91	0.92	2.43	ppb
Lead	208-1	0.95	0.88	0.92	0.92	3.54	ppb
Lithium	6-1				90		%
Magnesium	24-2	2041.72	2033.69	2058.86	2044.76	0.63	ppb
Manganese	55-2	117.41	116.74	117.65	117.27	0.40	ppb
Molybdenum	94-1	0.24	0.23	0.23	0.24	3.28	ppb
Molybdenum	95-1	0.33	0.27	0.31	0.31	9.27	ppb
Molybdenum	96-1	0.27	0.24	0.27	0.26	5.22	ppb
Molybdenum	97-1	0.26	0.33	0.28	0.29	12.03	ppb
Molybdenum	98-1	0.31	0.28	0.26	0.28	9.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.64	0.65	0.62	8.17	ppb
Phosphorus	31-2	-5.44	6.54	4.37	1.82	350.33	ppb
Potassium	39-2	1850.56	1824.53	1849.83	1841.64	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.10	-0.57	0.24	-0.14		ppb
Selenium	77-2	0.35	0.00	0.70	0.35	100.12	ppb
Selenium	78-2	0.03	-0.35	-0.72	-0.35		ppb
Silicon	28-1	3790.74	3727.21	3829.27	3782.41	1.36	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.98	ppb
Sodium	23-2	44501.07	44026.28	44506.81	44344.72	0.62	ppb
Strontium	86-1	6.69	6.64	6.85	6.72	1.60	ppb
Strontium	88-1	6.73	6.68	6.77	6.73	0.65	ppb
Sulfur	34-1	963.87	1427.54	1188.18	1193.20	19.43	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	23.08	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	61.89	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	3.33	ppb
Tin	118-1	0.15	0.21	0.24	0.20	22.22	ppb
Titanium	47-1	1.67	1.75	1.76	1.73	2.82	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	15.11	ppb
Vanadium	51-2	0.31	0.28	0.28	0.29	6.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	15.71	16.34	16.54	16.20	2.67	ppb
Zirconium	90-1	0.03	0.04	0.03	0.04	9.45	ppb
Zirconium	91-1	0.02	0.05	0.02	0.03	71.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03	Instrumnet Name :	P7
Client Sample ID :	A0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:31:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.74	44.90	46.52	45.05	3.10	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	6.40	ppb
Arsenic	75-2	0.46	0.37	0.33	0.39	16.57	ppb
Barium	135-1	46.73	46.06	48.77	47.19	3.00	ppb
Barium	137-1	47.05	46.45	47.94	47.15	1.58	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	53.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	13.60	14.97	15.49	14.69	6.65	ppb
Boron	11-1	14.07	16.76	15.49	15.44	8.71	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.19	-0.16	-0.15		ppb
Cadmium	106-1	-1.77	-2.84	-2.49	-2.37		ppb
Cadmium	108-1	-0.10	-0.01	-0.07	-0.06		ppb
Calcium	43-1	10542.55	10327.83	10475.74	10448.70	1.05	ppb
Calcium	44-1	10521.00	10470.64	10536.24	10509.30	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.41	0.43	0.40	10.48	ppb
Cobalt	59-2	0.22	0.18	0.17	0.19	15.74	ppb
Copper	63-2	0.70	0.73	0.74	0.72	3.26	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				99		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	537.97	542.43	542.01	540.80	0.46	ppb
Iron	57-2	549.83	563.26	556.34	556.48	1.21	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03	Instrumnet Name :	P7
Client Sample ID :	A0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:31:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	545.19	545.51	550.07	546.92	0.50	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.20	0.22	0.22	9.67	ppb
Lead	207-1	0.21	0.18	0.19	0.19	6.70	ppb
Lead	208-1	0.23	0.20	0.21	0.21	8.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	2136.69	2129.94	2164.20	2143.61	0.85	ppb
Manganese	55-2	97.36	97.34	97.01	97.24	0.20	ppb
Molybdenum	94-1	0.22	0.27	0.24	0.24	9.77	ppb
Molybdenum	95-1	0.28	0.29	0.31	0.30	5.72	ppb
Molybdenum	96-1	0.28	0.33	0.32	0.31	8.39	ppb
Molybdenum	97-1	0.30	0.42	0.28	0.34	21.84	ppb
Molybdenum	98-1	0.30	0.35	0.33	0.33	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.53	0.56	0.54	4.78	ppb
Phosphorus	31-2	-2.50	-1.28	-1.15	-1.64		ppb
Potassium	39-2	1930.03	1929.96	1951.20	1937.06	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.39	0.75	0.66	0.60	31.06	ppb
Selenium	77-2	0.36	0.35	0.00	0.24	86.61	ppb
Selenium	78-2	-0.22	-0.60	-0.44	-0.42		ppb
Silicon	28-1	3904.78	3901.80	3899.10	3901.89	0.07	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	55.47	ppb
Sodium	23-2	46224.16	46138.06	46196.43	46186.22	0.10	ppb
Strontium	86-1	6.94	7.08	7.09	7.04	1.15	ppb
Strontium	88-1	7.04	7.03	7.13	7.06	0.77	ppb
Sulfur	34-1	960.54	599.74	1011.45	857.24	26.18	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.79	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	807.45	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03	Instrumnet Name :	P7
Client Sample ID :	A0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:31:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.01	0.01	13.38	ppb
Tin	118-1	0.06	0.09	0.09	0.08	19.01	ppb
Titanium	47-1	0.81	0.84	1.04	0.89	13.95	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	9.77	ppb
Vanadium	51-2	0.26	0.23	0.23	0.24	6.26	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	6.19	6.46	6.19	6.28	2.48	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.06	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	20.75	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.41	47.10	48.32	48.61	3.44	ppb
Antimony	121-1	0.10	0.08	0.07	0.08	18.91	ppb
Arsenic	75-2	0.31	0.27	0.33	0.30	10.03	ppb
Barium	135-1	49.44	46.19	46.97	47.53	3.57	ppb
Barium	137-1	48.22	46.71	47.19	47.37	1.62	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	102.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	14.94	15.55	16.20	15.56	4.03	ppb
Boron	11-1	14.83	16.30	14.47	15.20	6.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.30	-0.12	-0.02	-0.15		ppb
Cadmium	106-1	-4.61	-1.87	-0.49	-2.32		ppb
Cadmium	108-1	-0.10	-0.07	-0.10	-0.09		ppb
Calcium	43-1	10094.08	9980.60	10086.03	10053.57	0.63	ppb
Calcium	44-1	10264.22	10078.26	10200.47	10180.98	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.51	0.52	0.51	2.61	ppb
Cobalt	59-2	0.20	0.20	0.20	0.20	0.45	ppb
Copper	63-2	0.38	0.41	0.46	0.42	9.44	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				101		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	660.07	656.14	658.27	658.16	0.30	ppb
Iron	57-2	667.13	673.99	669.95	670.36	0.51	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	662.15	674.70	680.15	672.33	1.37	ppb
Krypton	83-1						cps
Lead	206-1	0.50	0.45	0.48	0.47	5.58	ppb
Lead	207-1	0.45	0.45	0.47	0.46	2.55	ppb
Lead	208-1	0.47	0.44	0.46	0.46	4.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	2058.45	2077.76	2064.56	2066.93	0.48	ppb
Manganese	55-2	106.62	105.26	106.17	106.02	0.65	ppb
Molybdenum	94-1	0.21	0.30	0.28	0.26	18.52	ppb
Molybdenum	95-1	0.30	0.30	0.32	0.31	4.23	ppb
Molybdenum	96-1	0.27	0.30	0.32	0.30	8.57	ppb
Molybdenum	97-1	0.29	0.30	0.26	0.28	7.56	ppb
Molybdenum	98-1	0.31	0.28	0.31	0.30	6.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.51	0.57	0.56	7.84	ppb
Phosphorus	31-2	-11.01	8.74	4.40	0.71	1458.69	ppb
Potassium	39-2	1833.05	1835.27	1823.57	1830.63	0.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.31	0.75	0.88	0.65	46.51	ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	-0.60	-0.15	-0.15	-0.30		ppb
Silicon	28-1	3734.68	3683.25	3751.63	3723.19	0.96	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	82.14	ppb
Sodium	23-2	43867.30	43873.53	44390.75	44043.86	0.68	ppb
Strontium	86-1	6.99	6.70	6.83	6.84	2.13	ppb
Strontium	88-1	6.88	6.73	6.78	6.80	1.14	ppb
Sulfur	34-1	1334.25	763.19	890.20	995.88	30.11	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.00	0.01	0.00	111.63	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	283.35	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	9.86	ppb
Tin	118-1	0.20	0.11	0.15	0.15	27.51	ppb
Titanium	47-1	0.78	0.90	1.02	0.90	13.75	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.04	ppb
Vanadium	51-2	0.28	0.30	0.26	0.28	7.88	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	10.42	10.65	10.95	10.68	2.49	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	15.65	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	50.91	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.84	8.65	9.15	8.55	7.70	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	31.30	ppb
Arsenic	75-2	0.06	0.10	0.05	0.07	34.07	ppb
Barium	135-1	9.22	9.71	9.54	9.49	2.60	ppb
Barium	137-1	9.11	9.36	9.51	9.33	2.14	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	3.21	3.29	2.92	3.14	6.25	ppb
Boron	11-1	2.98	3.22	3.36	3.18	6.05	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.17	-0.23	-0.15		ppb
Cadmium	106-1	-0.93	-2.60	-3.37	-2.30		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	2079.18	2003.14	2079.16	2053.83	2.14	ppb
Calcium	44-1	2069.72	2065.25	2078.61	2071.19	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.06	0.08	0.08	27.17	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	18.00	ppb
Copper	63-2	0.08	0.08	0.09	0.08	10.14	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				93		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	106.74	106.47	106.59	106.60	0.13	ppb
Iron	57-2	106.91	106.95	117.67	110.51	5.61	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	106.39	104.12	106.73	105.75	1.34	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.02	0.03	26.60	ppb
Lead	207-1	0.01	0.02	0.03	0.02	43.74	ppb
Lead	208-1	0.02	0.03	0.02	0.02	10.88	ppb
Lithium	6-1				92		%
Magnesium	24-2	422.56	421.78	416.96	420.44	0.72	ppb
Manganese	55-2	19.22	19.01	19.01	19.08	0.62	ppb
Molybdenum	94-1	0.05	0.06	0.04	0.05	20.99	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	12.70	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	18.25	ppb
Molybdenum	97-1	0.04	0.06	0.05	0.05	18.98	ppb
Molybdenum	98-1	0.06	0.05	0.07	0.06	11.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.02	0.02	105.54	ppb
Phosphorus	31-2	-20.36	-28.98	-36.72	-28.68		ppb
Potassium	39-2	377.28	380.16	383.25	380.23	0.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.48	0.66	0.04	0.73	99.21	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.19	-0.78	-0.77	-0.58		ppb
Silicon	28-1	754.77	750.24	759.60	754.87	0.62	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	213.87	ppb
Sodium	23-2	9048.03	9010.49	8975.44	9011.32	0.40	ppb
Strontium	86-1	1.35	1.38	1.42	1.38	2.33	ppb
Strontium	88-1	1.39	1.35	1.38	1.38	1.37	ppb
Sulfur	34-1	-487.23	-489.68	-449.93	-475.61		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.00	155.24	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	86.19	ppb
Tin	118-1	0.01	0.03	0.00	0.01	104.15	ppb
Titanium	47-1	0.08	0.31	0.25	0.21	57.61	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	17.30	ppb
Vanadium	51-2	0.03	0.05	0.04	0.04	21.15	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	1.46	1.52	1.40	1.46	4.12	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	856.80	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	403.28	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2011.63	2016.49	2028.59	2018.90	0.43	ppb
Antimony	121-1	103.67	103.51	105.23	104.14	0.91	ppb
Arsenic	75-2	42.82	41.67	41.72	42.07	1.55	ppb
Barium	135-1	2044.99	2044.06	2114.51	2067.85	1.95	ppb
Barium	137-1	2133.99	2127.17	2194.70	2151.96	1.73	ppb
Beryllium	9-1	51.14	50.41	49.92	50.49	1.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	13.20	15.13	14.95	14.43	7.39	ppb
Boron	11-1	13.91	14.43	14.21	14.18	1.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	46.22	46.09	47.29	46.54	1.42	ppb
Cadmium	106-1	40.47	42.95	40.57	41.33	3.40	ppb
Cadmium	108-1	46.41	44.12	45.12	45.21	2.55	ppb
Calcium	43-1	10039.22	9996.27	10171.16	10068.89	0.91	ppb
Calcium	44-1	10310.16	10121.53	10376.14	10269.28	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200.42	201.49	199.70	200.53	0.45	ppb
Cobalt	59-2	512.08	510.43	508.49	510.33	0.35	ppb
Copper	63-2	252.96	251.17	252.12	252.08	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	2175.09	2144.30	2115.18	2144.86	1.40	ppb
Iron	57-2	2095.18	2150.87	2111.50	2119.18	1.35	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2275.39	2261.75	2291.99	2276.37	0.67	ppb
Krypton	83-1						cps
Lead	206-1	19.86	19.62	20.28	19.92	1.68	ppb
Lead	207-1	20.26	20.04	20.61	20.30	1.43	ppb
Lead	208-1	19.95	19.82	20.40	20.06	1.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	2076.11	2046.29	2088.39	2070.26	1.05	ppb
Manganese	55-2	627.14	621.53	622.73	623.80	0.47	ppb
Molybdenum	94-1	0.27	0.30	0.27	0.28	6.74	ppb
Molybdenum	95-1	0.29	0.33	0.36	0.33	11.08	ppb
Molybdenum	96-1	0.29	0.32	0.36	0.32	10.48	ppb
Molybdenum	97-1	0.30	0.28	0.34	0.31	9.22	ppb
Molybdenum	98-1	0.33	0.35	0.34	0.34	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.52	515.03	516.12	516.56	0.35	ppb
Phosphorus	31-2	13.76	15.55	19.63	16.31	18.44	ppb
Potassium	39-2	1861.46	1858.45	1831.45	1850.46	0.89	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	100.40	100.55	102.35	101.10	1.07	ppb
Selenium	77-2	95.98	108.97	98.03	100.99	6.92	ppb
Selenium	78-2	102.04	97.37	96.10	98.51	3.18	ppb
Silicon	28-1	3811.26	3756.65	3881.75	3816.55	1.64	ppb
Silver	107-1	33.59	33.10	34.49	33.73	2.10	ppb
Silver	109-1	33.53	32.72	34.13	33.46	2.12	ppb
Sodium	23-2	44098.18	42826.96	44030.42	43651.85	1.64	ppb
Strontium	86-1	6.96	6.78	6.93	6.89	1.38	ppb
Strontium	88-1	6.92	6.87	7.00	6.93	0.92	ppb
Sulfur	34-1	1242.41	897.12	761.30	966.94	25.65	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	50.00	49.44	50.67	50.04	1.22	ppb
Thallium	205-1	48.99	48.73	50.09	49.27	1.47	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	9.82	ppb
Tin	118-1	0.31	0.26	0.26	0.28	10.54	ppb
Titanium	47-1	1.54	1.43	1.58	1.52	5.40	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	14.63	ppb
Vanadium	51-2	498.68	495.60	496.46	496.91	0.32	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	527.88	520.86	522.31	523.68	0.71	ppb
Zirconium	90-1	0.07	0.04	0.04	0.05	27.47	ppb
Zirconium	91-1	0.07	0.10	0.05	0.07	34.87	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.60	53.16	52.37	53.05	1.17	ppb
Antimony	121-1	0.10	0.09	0.11	0.10	9.07	ppb
Arsenic	75-2	0.33	0.49	0.41	0.41	20.39	ppb
Barium	135-1	51.22	50.36	51.69	51.09	1.32	ppb
Barium	137-1	51.11	51.45	51.33	51.30	0.34	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	36.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	15.53	15.41	13.88	14.94	6.16	ppb
Boron	11-1	14.60	14.91	16.03	15.18	4.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.16	-0.07	-0.13	-0.12		ppb
Cadmium	106-1	-2.61	-1.14	-2.18	-1.98		ppb
Cadmium	108-1	-0.10	0.08	-0.10	-0.04		ppb
Calcium	43-1	9983.08	9965.15	10305.66	10084.63	1.90	ppb
Calcium	44-1	10061.65	10075.35	10277.21	10138.07	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.36	0.40	0.37	6.89	ppb
Cobalt	59-2	0.26	0.27	0.27	0.27	1.35	ppb
Copper	63-2	0.69	0.70	0.72	0.70	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	742.41	743.52	743.08	743.00	0.08	ppb
Iron	57-2	747.86	750.04	759.23	752.38	0.80	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	753.99	755.73	767.30	759.01	0.95	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.45	0.46	0.45	3.64	ppb
Lead	207-1	0.47	0.35	0.49	0.44	17.30	ppb
Lead	208-1	0.45	0.41	0.47	0.44	7.23	ppb
Lithium	6-1				93		%
Magnesium	24-2	2068.71	2095.69	2083.73	2082.71	0.65	ppb
Manganese	55-2	144.03	146.02	145.01	145.02	0.68	ppb
Molybdenum	94-1	0.26	0.22	0.21	0.23	11.79	ppb
Molybdenum	95-1	0.24	0.30	0.32	0.29	14.45	ppb
Molybdenum	96-1	0.31	0.28	0.28	0.29	6.02	ppb
Molybdenum	97-1	0.27	0.29	0.29	0.28	4.72	ppb
Molybdenum	98-1	0.28	0.27	0.28	0.28	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.58	0.59	0.61	6.80	ppb
Phosphorus	31-2	3.91	2.55	4.61	3.69	28.33	ppb
Potassium	39-2	1904.93	1915.17	1895.36	1905.15	0.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.11	0.15	0.65	0.23	169.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-0.80	-0.58	-0.41		ppb
Silicon	28-1	3797.83	3809.64	3835.08	3814.18	0.50	ppb
Silver	107-1	0.02	0.01	0.01	0.01	41.67	ppb
Silver	109-1	0.02	0.02	0.01	0.02	15.08	ppb
Sodium	23-2	45731.47	45364.96	45019.05	45371.83	0.79	ppb
Strontium	86-1	6.81	6.95	7.02	6.93	1.50	ppb
Strontium	88-1	6.81	6.90	6.95	6.89	1.09	ppb
Sulfur	34-1	177.76	-139.05	160.73	66.48	268.04	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.02	0.01	47.69	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	12.44	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.02	0.02	10.66	ppb
Tin	118-1	0.08	0.08	0.06	0.07	16.56	ppb
Titanium	47-1	1.17	1.20	1.09	1.15	4.88	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.90	ppb
Vanadium	51-2	0.29	0.35	0.28	0.31	11.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	5.43	5.98	5.76	5.73	4.80	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	18.87	ppb
Zirconium	91-1	0.00	0.03	0.04	0.02	73.56	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.23	67.02	66.35	71.87	12.50	ppb
Antimony	121-1	0.08	0.11	0.11	0.10	14.24	ppb
Arsenic	75-2	0.34	0.38	0.42	0.38	10.22	ppb
Barium	135-1	49.47	48.72	55.23	51.14	6.96	ppb
Barium	137-1	49.16	49.11	55.10	51.12	6.74	ppb
Beryllium	9-1	0.05	0.05	0.00	0.03	83.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	13.70	15.72	15.82	15.08	7.95	ppb
Boron	11-1	15.05	15.14	16.71	15.63	5.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.23	-0.14	-0.17		ppb
Cadmium	106-1	-2.09	-3.65	-2.26	-2.66		ppb
Cadmium	108-1	-0.01	-0.04	0.10	0.02	424.96	ppb
Calcium	43-1	10206.44	10210.06	11232.05	10549.52	5.60	ppb
Calcium	44-1	10325.97	10248.02	11419.23	10664.41	6.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.53	0.51	0.51	0.52	2.18	ppb
Cobalt	59-2	0.26	0.25	0.27	0.26	5.08	ppb
Copper	63-2	0.70	0.75	0.74	0.73	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	676.03	676.54	682.51	678.36	0.53	ppb
Iron	57-2	702.51	682.32	683.76	689.53	1.63	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	678.90	693.40	684.60	685.64	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.26	0.29	0.28	6.61	ppb
Lead	207-1	0.30	0.25	0.29	0.28	9.60	ppb
Lead	208-1	0.29	0.26	0.30	0.28	7.92	ppb
Lithium	6-1				90		%
Magnesium	24-2	2063.30	2077.52	2088.94	2076.59	0.62	ppb
Manganese	55-2	142.45	142.28	143.94	142.89	0.64	ppb
Molybdenum	94-1	0.24	0.24	0.22	0.23	6.72	ppb
Molybdenum	95-1	0.24	0.30	0.31	0.28	13.22	ppb
Molybdenum	96-1	0.29	0.36	0.30	0.32	12.42	ppb
Molybdenum	97-1	0.27	0.24	0.34	0.28	18.01	ppb
Molybdenum	98-1	0.29	0.29	0.35	0.31	10.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.61	0.73	0.65	9.94	ppb
Phosphorus	31-2	-16.30	3.07	-12.37	-8.53		ppb
Potassium	39-2	1860.50	1828.81	1859.24	1849.52	0.97	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	0.27	0.34	0.51	0.37	33.36	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	-0.41	0.57	-0.60	-0.15		ppb
Silicon	28-1	3917.71	3830.34	4169.84	3972.63	4.44	ppb
Silver	107-1	0.00	0.00	0.00	0.00	54.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.59	ppb
Sodium	23-2	43549.60	43651.76	43394.13	43531.83	0.30	ppb
Strontium	86-1	7.00	6.88	7.67	7.18	5.95	ppb
Strontium	88-1	6.93	6.95	7.69	7.19	6.03	ppb
Sulfur	34-1	256.96	18.92	1218.13	498.00	127.49	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.01	0.00	116.37	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	69.64	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	3.75	ppb
Tin	118-1	0.10	0.07	0.11	0.09	20.70	ppb
Titanium	47-1	1.32	1.40	1.18	1.30	8.54	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.81	ppb
Vanadium	51-2	0.25	0.30	0.24	0.26	13.69	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	7.55	7.92	7.73	7.73	2.43	ppb
Zirconium	90-1	0.03	0.02	0.05	0.03	38.60	ppb
Zirconium	91-1	0.07	0.02	0.03	0.04	67.50	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-08	Instrumnet Name :	P7
Client Sample ID :	A0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:50:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.27	59.08	60.15	60.17	1.81	ppb
Antimony	121-1	0.12	0.10	0.12	0.11	9.24	ppb
Arsenic	75-2	0.35	0.38	0.32	0.35	8.89	ppb
Barium	135-1	56.81	52.84	53.70	54.45	3.83	ppb
Barium	137-1	56.69	52.51	53.67	54.29	3.97	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	46.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	15.68	15.60	15.42	15.57	0.87	ppb
Boron	11-1	16.02	15.35	15.40	15.59	2.40	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.12	-0.11	-0.10		ppb
Cadmium	106-1	-1.18	-1.81	-1.84	-1.61		ppb
Cadmium	108-1	-0.06	0.05	-0.01	-0.01		ppb
Calcium	43-1	10687.90	10220.98	10136.26	10348.38	2.87	ppb
Calcium	44-1	10796.53	10220.41	10246.76	10421.23	3.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.64	0.63	0.63	1.81	ppb
Cobalt	59-2	0.31	0.32	0.31	0.32	1.68	ppb
Copper	63-2	0.68	0.66	0.69	0.68	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	966.76	964.70	971.29	967.59	0.35	ppb
Iron	57-2	989.49	962.99	955.72	969.40	1.83	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-08	Instrumnet Name :	P7
Client Sample ID :	A0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:50:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	983.96	962.51	989.78	978.75	1.47	ppb
Krypton	83-1						cps
Lead	206-1	1.68	1.60	1.68	1.65	2.95	ppb
Lead	207-1	1.62	1.53	1.52	1.56	3.43	ppb
Lead	208-1	1.66	1.57	1.57	1.60	3.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	2034.77	2040.20	2050.72	2041.90	0.40	ppb
Manganese	55-2	191.85	190.45	195.06	192.45	1.23	ppb
Molybdenum	94-1	0.28	0.24	0.23	0.25	10.33	ppb
Molybdenum	95-1	0.28	0.31	0.30	0.30	5.89	ppb
Molybdenum	96-1	0.26	0.29	0.30	0.29	7.35	ppb
Molybdenum	97-1	0.35	0.29	0.24	0.30	19.14	ppb
Molybdenum	98-1	0.25	0.30	0.28	0.28	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.56	0.55	0.55	4.12	ppb
Phosphorus	31-2	13.06	12.78	-10.86	4.99	275.02	ppb
Potassium	39-2	1836.54	1806.20	1814.92	1819.22	0.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.77	0.46	0.21	0.48	58.51	ppb
Selenium	77-2	0.69	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	-0.12	-1.03	-0.20	-0.45		ppb
Silicon	28-1	4055.81	3848.82	3822.33	3908.99	3.27	ppb
Silver	107-1	0.00	0.00	0.00	0.00	479.15	ppb
Silver	109-1	0.01	0.00	0.00	0.00	38.24	ppb
Sodium	23-2	42912.01	42374.19	43176.37	42820.86	0.95	ppb
Strontium	86-1	7.46	7.03	6.90	7.13	4.10	ppb
Strontium	88-1	7.35	6.99	6.94	7.09	3.19	ppb
Sulfur	34-1	741.92	105.04	164.53	337.16	104.34	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.92	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	54.35	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-08	Instrumnet Name :	P7
Client Sample ID :	A0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:50:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.32	ppb
Tin	118-1	0.06	0.05	0.06	0.06	13.99	ppb
Titanium	47-1	1.20	1.21	1.38	1.26	7.91	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	13.16	ppb
Vanadium	51-2	0.32	0.32	0.33	0.32	2.24	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	8.14	8.42	8.26	8.27	1.70	ppb
Zirconium	90-1	0.04	0.05	0.02	0.04	42.38	ppb
Zirconium	91-1	0.06	0.03	0.02	0.04	52.78	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.09	11.78	13.57	12.15	10.55	ppb
Antimony	121-1	0.13	0.15	0.13	0.14	8.20	ppb
Arsenic	75-2	0.30	0.31	0.22	0.28	18.92	ppb
Barium	135-1	55.14	54.55	54.21	54.63	0.86	ppb
Barium	137-1	54.70	54.46	54.92	54.69	0.42	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	51.86	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	20.25	22.38	23.89	22.18	8.23	ppb
Boron	11-1	21.31	23.25	21.57	22.05	4.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.14	-0.13	-0.10	-0.12		ppb
Cadmium	106-1	-2.35	-2.18	-1.64	-2.06		ppb
Cadmium	108-1	-0.13	-0.16	-0.04	-0.11		ppb
Calcium	43-1	18489.29	18580.04	18712.44	18593.92	0.60	ppb
Calcium	44-1	18385.74	18323.09	18457.76	18388.86	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.80	0.85	0.81	3.34	ppb
Cobalt	59-2	0.34	0.32	0.30	0.32	6.50	ppb
Copper	63-2	1.40	1.50	1.44	1.45	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	860.03	871.92	861.97	864.64	0.74	ppb
Iron	57-2	872.27	889.63	893.40	885.10	1.27	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	871.48	868.22	892.15	877.28	1.48	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.25	0.22	0.24	5.94	ppb
Lead	207-1	0.21	0.24	0.20	0.22	10.27	ppb
Lead	208-1	0.23	0.24	0.22	0.23	5.11	ppb
Lithium	6-1				90		%
Magnesium	24-2	2765.03	2798.74	2779.96	2781.24	0.61	ppb
Manganese	55-2	184.99	185.69	185.55	185.41	0.20	ppb
Molybdenum	94-1	0.28	0.27	0.34	0.29	13.15	ppb
Molybdenum	95-1	0.35	0.31	0.45	0.37	19.61	ppb
Molybdenum	96-1	0.31	0.36	0.31	0.33	7.95	ppb
Molybdenum	97-1	0.39	0.37	0.32	0.36	10.38	ppb
Molybdenum	98-1	0.35	0.34	0.36	0.35	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.62	0.58	0.59	4.09	ppb
Phosphorus	31-2	1.52	-9.76	-6.39	-4.88		ppb
Potassium	39-2	2818.88	2865.10	2867.24	2850.41	0.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.77	0.35	0.27	0.46	57.80	ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	-0.50	-0.20	0.06	-0.21		ppb
Silicon	28-1	4368.85	4355.31	4379.27	4367.81	0.28	ppb
Silver	107-1	0.00	0.00	0.00	0.00	46.23	ppb
Silver	109-1	0.00	0.01	0.00	0.00	69.00	ppb
Sodium	23-2	90802.95	91084.54	91337.70	91075.06	0.29	ppb
Strontium	86-1	10.28	10.28	10.33	10.30	0.29	ppb
Strontium	88-1	10.27	10.25	10.30	10.28	0.25	ppb
Sulfur	34-1	2734.76	2650.33	2733.61	2706.24	1.79	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.00	0.00	121.13	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	24.64	ppb
Tin	118-1	0.08	0.03	0.09	0.07	50.75	ppb
Titanium	47-1	0.55	0.90	0.70	0.72	24.06	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.99	ppb
Vanadium	51-2	0.39	0.42	0.39	0.40	4.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	6.71	7.01	6.62	6.78	3.00	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	19.92	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	36.98	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	157.82	157.11	166.93	160.62	3.41	ppb
Antimony	121-1	0.16	0.17	0.20	0.18	12.48	ppb
Arsenic	75-2	0.65	0.54	0.42	0.53	21.50	ppb
Barium	135-1	54.77	54.83	56.84	55.48	2.13	ppb
Barium	137-1	55.15	55.88	56.88	55.97	1.56	ppb
Beryllium	9-1	0.01	0.06	0.04	0.04	70.28	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	17.74	16.33	17.71	17.26	4.67	ppb
Boron	11-1	16.43	17.38	17.55	17.12	3.53	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.10	-0.10	-0.21	-0.14		ppb
Cadmium	106-1	-1.84	-1.84	-3.38	-2.35		ppb
Cadmium	108-1	-0.07	-0.13	0.04	-0.05		ppb
Calcium	43-1	11303.03	11325.00	11204.45	11277.49	0.57	ppb
Calcium	44-1	11447.12	11463.49	11409.01	11439.87	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.63	10.40	10.77	10.60	1.80	ppb
Cobalt	59-2	0.47	0.48	0.48	0.48	1.28	ppb
Copper	63-2	2.55	2.59	2.55	2.56	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	2149.20	2109.83	2181.47	2146.83	1.67	ppb
Iron	57-2	2101.29	2070.66	2125.64	2099.20	1.31	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2201.72	2139.41	2156.20	2165.78	1.49	ppb
Krypton	83-1						cps
Lead	206-1	11.72	11.72	11.77	11.74	0.26	ppb
Lead	207-1	11.08	11.22	11.01	11.10	0.98	ppb
Lead	208-1	11.34	11.43	11.33	11.37	0.47	ppb
Lithium	6-1				91		%
Magnesium	24-2	2133.76	2110.00	2169.25	2137.67	1.40	ppb
Manganese	55-2	202.71	198.39	201.53	200.88	1.11	ppb
Molybdenum	94-1	0.32	0.21	0.24	0.26	23.52	ppb
Molybdenum	95-1	0.25	0.25	0.33	0.27	16.85	ppb
Molybdenum	96-1	0.31	0.31	0.31	0.31	1.00	ppb
Molybdenum	97-1	0.31	0.29	0.28	0.29	5.75	ppb
Molybdenum	98-1	0.28	0.30	0.29	0.29	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.73	0.81	0.78	4.87	ppb
Phosphorus	31-2	30.53	5.01	38.58	24.71	70.95	ppb
Potassium	39-2	1963.83	1949.00	1970.82	1961.22	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.24	1.09	-0.39	0.31	237.59	ppb
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	-0.06	-0.47	-0.60	-0.38		ppb
Silicon	28-1	4179.06	4128.29	4096.49	4134.61	1.01	ppb
Silver	107-1	0.00	0.00	0.01	0.00	236.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.27	ppb
Sodium	23-2	50041.93	49991.06	51492.76	50508.58	1.69	ppb
Strontium	86-1	7.25	7.38	7.41	7.35	1.11	ppb
Strontium	88-1	7.35	7.36	7.31	7.34	0.35	ppb
Sulfur	34-1	502.81	605.04	763.91	623.92	21.09	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.01	0.01	71.88	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	207.66	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.05	0.05	0.05	6.63	ppb
Tin	118-1	0.20	0.16	0.19	0.18	9.26	ppb
Titanium	47-1	4.75	5.05	4.82	4.87	3.26	ppb
Uranium	238-1	0.03	0.04	0.04	0.03	5.24	ppb
Vanadium	51-2	0.77	0.73	0.80	0.77	4.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	18.02	16.89	17.61	17.51	3.29	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	10.88	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	71.17	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:59:58	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.07	24.30	20.53	21.97	9.29	ppb
Antimony	121-1	0.19	0.16	0.15	0.17	13.30	ppb
Arsenic	75-2	0.34	0.38	0.32	0.34	8.64	ppb
Barium	135-1	61.12	61.38	61.47	61.32	0.30	ppb
Barium	137-1	61.36	61.43	61.92	61.57	0.50	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	85.76	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	20.90	21.28	20.92	21.03	1.02	ppb
Boron	11-1	20.16	21.77	22.42	21.45	5.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.06	-0.07	-0.17	-0.10		ppb
Cadmium	106-1	-1.06	-1.25	-2.73	-1.68		ppb
Cadmium	108-1	-0.07	0.02	-0.01	-0.02		ppb
Calcium	43-1	19217.84	19151.18	19337.26	19235.43	0.49	ppb
Calcium	44-1	19148.81	18755.60	19353.24	19085.88	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.46	1.42	1.44	1.44	1.51	ppb
Cobalt	59-2	0.22	0.20	0.24	0.22	9.08	ppb
Copper	63-2	1.45	1.54	1.48	1.49	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				103		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	577.79	581.02	576.82	578.54	0.38	ppb
Iron	57-2	600.00	607.65	606.58	604.74	0.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:59:58	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	584.63	586.22	584.20	585.02	0.18	ppb
Krypton	83-1						cps
Lead	206-1	1.19	1.20	1.19	1.19	0.47	ppb
Lead	207-1	1.10	1.11	1.10	1.10	0.49	ppb
Lead	208-1	1.13	1.13	1.13	1.13	0.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	2888.80	2888.02	2846.99	2874.60	0.83	ppb
Manganese	55-2	124.33	123.51	124.74	124.19	0.50	ppb
Molybdenum	94-1	0.28	0.28	0.27	0.28	2.76	ppb
Molybdenum	95-1	0.34	0.30	0.32	0.32	6.48	ppb
Molybdenum	96-1	0.35	0.33	0.33	0.34	3.19	ppb
Molybdenum	97-1	0.35	0.30	0.31	0.32	8.12	ppb
Molybdenum	98-1	0.29	0.33	0.31	0.31	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.64	0.75	0.67	11.15	ppb
Phosphorus	31-2	4.76	11.08	-9.99	1.95	554.34	ppb
Potassium	39-2	2735.78	2741.30	2738.89	2738.66	0.10	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.72	0.17	0.58	0.49	58.50	ppb
Selenium	77-2	0.00	0.34	1.04	0.46	114.63	ppb
Selenium	78-2	0.09	-0.14	0.43	0.13	220.94	ppb
Silicon	28-1	3811.16	3819.23	3873.01	3834.47	0.88	ppb
Silver	107-1	0.01	0.00	0.00	0.00	269.86	ppb
Silver	109-1	0.01	0.01	0.00	0.01	79.46	ppb
Sodium	23-2	91389.81	90601.27	89988.74	90659.94	0.77	ppb
Strontium	86-1	10.90	10.88	10.70	10.83	1.01	ppb
Strontium	88-1	10.82	10.79	10.88	10.83	0.43	ppb
Sulfur	34-1	2306.26	2167.61	2296.16	2256.67	3.43	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.02	0.00	0.01	86.09	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	45.90	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:59:58	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	14.03	ppb
Tin	118-1	0.13	0.16	0.14	0.14	11.06	ppb
Titanium	47-1	0.82	1.14	0.91	0.96	17.30	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	17.94	ppb
Vanadium	51-2	0.29	0.29	0.29	0.29	0.37	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	11.33	11.27	11.62	11.41	1.66	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	38.48	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	90.59	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49792.12	49680.96	48443.25	49305.45	1.52	ppb
Antimony	121-1	477.55	473.16	481.53	477.41	0.88	ppb
Arsenic	75-2	488.94	485.49	485.07	486.50	0.44	ppb
Barium	135-1	2414.62	2388.71	2403.34	2402.22	0.54	ppb
Barium	137-1	2505.53	2484.23	2507.72	2499.16	0.52	ppb
Beryllium	9-1	479.35	489.18	486.19	484.91	1.04	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	462.79	490.72	493.04	482.18	3.49	ppb
Boron	11-1	477.67	491.59	497.81	489.03	2.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	492.46	489.74	489.84	490.68	0.31	ppb
Cadmium	106-1	503.71	496.49	502.53	500.91	0.77	ppb
Cadmium	108-1	506.75	510.88	498.38	505.34	1.26	ppb
Calcium	43-1	247415.03	247815.83	247644.19	247625.01	0.08	ppb
Calcium	44-1	241438.07	244302.14	243259.50	242999.90	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.26	483.50	468.51	476.09	1.57	ppb
Cobalt	59-2	472.21	481.29	467.31	473.60	1.50	ppb
Copper	63-2	4743.22	4811.10	4695.31	4749.88	1.22	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				92		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	124664.34	125279.90	122400.43	124114.89	1.22	ppb
Iron	57-2	123891.18	125233.36	121470.47	123531.67	1.54	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	124623.95	125070.47	123036.21	124243.54	0.86	ppb
Krypton	83-1						cps
Lead	206-1	2575.08	2583.56	2616.27	2591.64	0.84	ppb
Lead	207-1	2571.41	2582.74	2608.78	2587.64	0.74	ppb
Lead	208-1	2583.86	2585.33	2606.39	2591.86	0.49	ppb
Lithium	6-1				90		%
Magnesium	24-2	246397.98	247516.72	242612.57	245509.09	1.05	ppb
Manganese	55-2	4992.93	5009.75	4849.21	4950.63	1.78	ppb
Molybdenum	94-1	2454.29	2521.87	2519.96	2498.71	1.54	ppb
Molybdenum	95-1	2473.73	2484.00	2481.51	2479.75	0.22	ppb
Molybdenum	96-1	2467.95	2504.58	2482.28	2484.94	0.74	ppb
Molybdenum	97-1	2386.15	2423.04	2417.89	2409.03	0.83	ppb
Molybdenum	98-1	2453.69	2473.21	2461.61	2462.84	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.22	488.47	477.98	482.89	1.09	ppb
Phosphorus	31-2	9807.19	9917.48	9616.36	9780.34	1.56	ppb
Potassium	39-2	137610.77	138007.27	136763.03	137460.36	0.46	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	482.89	496.21	489.80	489.63	1.36	ppb
Selenium	77-2	509.48	472.44	510.03	497.32	4.33	ppb
Selenium	78-2	484.41	479.64	478.90	480.98	0.62	ppb
Silicon	28-1	524.68	556.20	563.92	548.27	3.79	ppb
Silver	107-1	493.53	483.68	488.62	488.61	1.01	ppb
Silver	109-1	489.67	488.39	493.34	490.47	0.52	ppb
Sodium	23-2	245754.23	247934.60	241657.58	245115.47	1.30	ppb
Strontium	86-1	489.99	491.76	499.08	493.61	0.98	ppb
Strontium	88-1	490.91	494.72	498.73	494.79	0.79	ppb
Sulfur	34-1	10292.86	10407.50	10389.92	10363.43	0.60	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	495.25	497.27	503.27	498.60	0.84	ppb
Thallium	205-1	517.19	517.92	522.96	519.36	0.60	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	516.10	511.18	520.25	515.84	0.88	ppb
Tin	118-1	483.12	484.68	487.39	485.06	0.44	ppb
Titanium	47-1	2425.00	2451.39	2454.68	2443.69	0.67	ppb
Uranium	238-1	505.09	501.45	498.96	501.83	0.62	ppb
Vanadium	51-2	483.51	488.78	477.89	483.39	1.13	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4539.69	4612.16	4496.40	4549.41	1.29	ppb
Zirconium	90-1	498.70	501.17	503.60	501.16	0.49	ppb
Zirconium	91-1	483.19	492.38	488.77	488.11	0.95	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:11:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.43	1.24	0.78	53.65	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	9.53	ppb
Arsenic	75-2	0.02	0.02	0.03	0.02	26.75	ppb
Barium	135-1	0.04	0.02	0.03	0.03	27.68	ppb
Barium	137-1	0.06	0.04	0.03	0.04	34.39	ppb
Beryllium	9-1	0.07	0.02	0.01	0.03	92.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	9.21	8.73	8.39	8.77	4.70	ppb
Boron	11-1	9.22	8.89	8.59	8.90	3.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.12	-0.25	-0.10	-0.15		ppb
Cadmium	106-1	-2.18	-4.08	-1.70	-2.65		ppb
Cadmium	108-1	0.14	-0.04	0.23	0.11	125.64	ppb
Calcium	43-1	4.21	4.97	5.02	4.73	9.55	ppb
Calcium	44-1	3.82	3.51	4.81	4.04	16.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	16.01	ppb
Copper	63-2	0.04	0.05	0.10	0.06	52.72	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				94		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	2.26	2.24	2.39	2.29	3.57	ppb
Iron	57-2	2.15	3.94	3.85	3.31	30.39	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:11:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.74	1.69	4.01	2.81	41.34	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.10	0.11	6.82	ppb
Lead	207-1	0.12	0.12	0.12	0.12	2.42	ppb
Lead	208-1	0.12	0.12	0.11	0.12	4.95	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.79	5.87	4.96	5.21	11.11	ppb
Manganese	55-2	0.09	0.09	0.12	0.10	17.38	ppb
Molybdenum	94-1	0.11	0.08	0.12	0.10	21.60	ppb
Molybdenum	95-1	0.10	0.08	0.09	0.09	11.06	ppb
Molybdenum	96-1	0.12	0.10	0.09	0.10	14.02	ppb
Molybdenum	97-1	0.15	0.07	0.07	0.10	49.04	ppb
Molybdenum	98-1	0.11	0.10	0.13	0.11	11.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.14	-0.10		ppb
Phosphorus	31-2	-9.95	-26.63	-35.24	-23.94		ppb
Potassium	39-2	13.49	15.92	12.69	14.03	11.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.50	0.04	-0.38	0.06	798.21	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.54	-0.95	-0.71	-0.73		ppb
Silicon	28-1	1.47	2.11	3.09	2.22	36.66	ppb
Silver	107-1	0.02	0.01	0.02	0.02	23.61	ppb
Silver	109-1	0.03	0.02	0.02	0.02	28.95	ppb
Sodium	23-2	55.50	58.23	53.25	55.66	4.48	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.71	ppb
Sulfur	34-1	-47.52	52.88	165.98	57.11	187.03	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.10	0.09	0.10	0.10	5.74	ppb
Thallium	205-1	0.11	0.09	0.08	0.10	18.25	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:11:38	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.16	ppb
Tin	118-1	-0.01	0.00	0.01	0.00		ppb
Titanium	47-1	0.04	0.04	0.04	0.04	0.90	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.04	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	0.52	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.13	0.30	0.13	0.19	50.22	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	52.80	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	50.38	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	190.15	197.26	189.42	192.27	2.25	ppb
Antimony	121-1	0.34	0.31	0.31	0.32	5.44	ppb
Arsenic	75-2	5.91	5.98	5.66	5.85	2.90	ppb
Barium	135-1	100.80	100.75	102.51	101.36	0.99	ppb
Barium	137-1	101.05	100.85	102.23	101.38	0.73	ppb
Beryllium	9-1	0.05	0.04	0.07	0.05	33.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	112.02	119.93	120.92	117.63	4.15	ppb
Boron	11-1	119.98	121.63	123.44	121.68	1.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.12	-0.07	0.03	-0.05		ppb
Cadmium	106-1	-3.21	-2.24	-0.87	-2.11		ppb
Cadmium	108-1	0.22	0.10	0.14	0.15	39.95	ppb
Calcium	43-1	43504.35	43670.92	42935.21	43370.16	0.89	ppb
Calcium	44-1	43696.86	43646.87	42913.98	43419.24	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.87	2.99	2.87	2.91	2.24	ppb
Cobalt	59-2	1.67	1.62	1.67	1.65	2.05	ppb
Copper	63-2	10.94	10.69	10.66	10.77	1.44	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				101		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	5241.78	5064.29	5160.97	5155.68	1.72	ppb
Iron	57-2	5036.76	5013.09	5063.10	5037.65	0.50	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5140.10	5086.90	5171.40	5132.80	0.83	ppb
Krypton	83-1						cps
Lead	206-1	2.21	2.41	2.46	2.36	5.55	ppb
Lead	207-1	2.15	2.30	2.25	2.23	3.24	ppb
Lead	208-1	2.11	2.33	2.31	2.25	5.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	9493.52	9334.34	9364.43	9397.43	0.90	ppb
Manganese	55-2	1490.36	1473.37	1494.01	1485.91	0.74	ppb
Molybdenum	94-1	1.81	1.89	1.88	1.86	2.28	ppb
Molybdenum	95-1	2.26	2.11	2.20	2.19	3.35	ppb
Molybdenum	96-1	2.11	2.29	2.24	2.21	4.26	ppb
Molybdenum	97-1	2.36	2.13	2.15	2.21	5.62	ppb
Molybdenum	98-1	2.26	2.22	2.21	2.23	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.69	3.54	3.86	3.70	4.21	ppb
Phosphorus	31-2	443.24	412.57	388.25	414.68	6.65	ppb
Potassium	39-2	6986.92	6879.58	6919.19	6928.56	0.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.65	0.88	0.55	0.69	23.84	ppb
Selenium	77-2	0.00	0.00	0.35	0.12	173.21	ppb
Selenium	78-2	-0.88	-0.48	0.63	-0.24		ppb
Silicon	28-1	6404.91	6365.55	6422.77	6397.74	0.46	ppb
Silver	107-1	0.05	0.04	0.05	0.04	13.18	ppb
Silver	109-1	0.04	0.04	0.06	0.05	16.85	ppb
Sodium	23-2	28538.16	27763.43	27968.31	28089.96	1.43	ppb
Strontium	86-1	25.00	24.91	25.07	24.99	0.34	ppb
Strontium	88-1	24.80	24.71	25.06	24.86	0.73	ppb
Sulfur	34-1	14685.73	14559.34	14903.63	14716.23	1.18	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.05	0.03	0.04	33.62	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	17.63	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.05	0.06	0.05	8.50	ppb
Tin	118-1	0.27	0.26	0.30	0.28	7.49	ppb
Titanium	47-1	9.97	9.41	7.71	9.03	13.02	ppb
Uranium	238-1	0.20	0.22	0.22	0.21	4.91	ppb
Vanadium	51-2	1.81	1.83	1.80	1.81	0.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	63.97	62.90	63.07	63.32	0.91	ppb
Zirconium	90-1	0.24	0.20	0.20	0.21	12.17	ppb
Zirconium	91-1	0.23	0.22	0.16	0.20	18.40	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55.56	74.38	55.72	61.89	17.49	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	3.65	ppb
Arsenic	75-2	0.94	0.92	1.08	0.98	9.04	ppb
Barium	135-1	71.62	74.04	73.71	73.12	1.80	ppb
Barium	137-1	71.65	72.77	72.86	72.43	0.93	ppb
Beryllium	9-1	0.03	0.04	-0.01	0.02	128.32	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	136.95	135.43	140.64	137.68	1.94	ppb
Boron	11-1	135.17	141.95	145.10	140.74	3.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.16	-0.14	-0.12		ppb
Cadmium	106-1	-1.17	-2.58	-2.20	-1.98		ppb
Cadmium	108-1	0.07	0.05	-0.07	0.02	435.11	ppb
Calcium	43-1	46082.91	45856.77	46101.60	46013.76	0.30	ppb
Calcium	44-1	45232.18	45785.72	45751.16	45589.68	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.57	0.56	0.57	2.18	ppb
Cobalt	59-2	0.32	0.30	0.33	0.32	4.24	ppb
Copper	63-2	2.18	2.27	2.27	2.24	2.41	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				103		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	862.21	871.32	864.26	865.93	0.55	ppb
Iron	57-2	937.49	949.54	949.06	945.36	0.72	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	886.43	866.95	868.46	873.95	1.24	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.31	0.30	0.32	4.51	ppb
Lead	207-1	0.29	0.30	0.31	0.30	3.65	ppb
Lead	208-1	0.29	0.31	0.30	0.30	3.00	ppb
Lithium	6-1				96		%
Magnesium	24-2	17110.37	16981.26	17287.48	17126.37	0.90	ppb
Manganese	55-2	522.98	519.14	521.69	521.27	0.38	ppb
Molybdenum	94-1	0.68	0.71	0.69	0.69	2.09	ppb
Molybdenum	95-1	0.82	0.88	0.79	0.83	5.21	ppb
Molybdenum	96-1	0.82	0.88	0.84	0.85	3.26	ppb
Molybdenum	97-1	0.84	0.77	0.99	0.86	13.10	ppb
Molybdenum	98-1	0.79	0.81	0.90	0.83	6.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.51	1.62	1.56	3.54	ppb
Phosphorus	31-2	101.88	135.63	129.83	122.45	14.74	ppb
Potassium	39-2	3145.79	3129.53	3156.37	3143.90	0.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.87	0.21	-0.25	0.28	204.33	ppb
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	0.47	-0.30	-0.19	-0.01		ppb
Silicon	28-1	5472.41	5416.38	5429.86	5439.55	0.54	ppb
Silver	107-1	0.01	0.00	0.00	0.00	171.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.07	ppb
Sodium	23-2	51905.41	52261.33	52756.95	52307.90	0.82	ppb
Strontium	86-1	20.80	21.08	21.27	21.05	1.11	ppb
Strontium	88-1	20.86	20.77	21.21	20.94	1.10	ppb
Sulfur	34-1	24043.63	24083.02	23670.92	23932.52	0.95	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.67	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	28.34	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	31.17	ppb
Tin	118-1	0.04	0.05	0.02	0.04	40.13	ppb
Titanium	47-1	2.18	2.18	2.14	2.16	1.13	ppb
Uranium	238-1	0.17	0.18	0.19	0.18	3.11	ppb
Vanadium	51-2	1.01	0.99	0.95	0.98	3.04	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	8.35	8.05	7.93	8.11	2.67	ppb
Zirconium	90-1	0.07	0.16	0.07	0.10	53.85	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	13.98	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1694.03	1686.09	1648.78	1676.30	1.44	ppb
Antimony	121-1	0.59	0.60	0.62	0.60	1.74	ppb
Arsenic	75-2	8.56	8.30	8.54	8.47	1.69	ppb
Barium	135-1	214.06	214.53	221.81	216.80	2.00	ppb
Barium	137-1	214.65	217.40	220.79	217.61	1.42	ppb
Beryllium	9-1	0.30	0.37	0.34	0.34	9.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	123.87	126.64	126.14	125.55	1.18	ppb
Boron	11-1	126.01	129.00	132.62	129.21	2.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.12	0.32	0.18	0.21	49.71	ppb
Cadmium	106-1	-2.64	-0.04	-1.47	-1.38		ppb
Cadmium	108-1	0.63	0.31	0.40	0.44	37.26	ppb
Calcium	43-1	45941.22	45493.57	46354.25	45929.68	0.94	ppb
Calcium	44-1	45619.95	45928.03	45591.81	45713.27	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.76	30.05	29.93	29.91	0.50	ppb
Cobalt	59-2	4.28	4.23	4.30	4.27	0.87	ppb
Copper	63-2	46.48	46.61	45.91	46.33	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	22268.38	22485.84	22163.63	22305.95	0.74	ppb
Iron	57-2	21598.33	21608.84	21401.76	21536.31	0.54	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22343.84	22408.75	22262.42	22338.33	0.33	ppb
Krypton	83-1						cps
Lead	206-1	32.70	32.22	32.79	32.57	0.94	ppb
Lead	207-1	30.65	30.76	31.00	30.80	0.59	ppb
Lead	208-1	31.30	31.43	31.36	31.36	0.22	ppb
Lithium	6-1				94		%
Magnesium	24-2	9912.23	9974.29	9861.13	9915.89	0.57	ppb
Manganese	55-2	1823.90	1841.27	1821.01	1828.73	0.60	ppb
Molybdenum	94-1	2.34	2.50	2.39	2.41	3.51	ppb
Molybdenum	95-1	2.79	2.69	2.94	2.81	4.56	ppb
Molybdenum	96-1	2.86	2.92	2.88	2.89	1.01	ppb
Molybdenum	97-1	2.82	2.91	2.93	2.89	1.92	ppb
Molybdenum	98-1	2.95	2.95	2.85	2.92	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.79	23.51	22.83	23.04	1.76	ppb
Phosphorus	31-2	2722.20	2824.93	2840.95	2796.03	2.30	ppb
Potassium	39-2	7298.62	7275.09	7170.56	7248.09	0.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.45	0.36	0.11	0.30	58.29	ppb
Selenium	77-2	0.35	1.39	2.10	1.28	68.69	ppb
Selenium	78-2	0.15	0.57	-0.56	0.05	1059.34	ppb
Silicon	28-1	7570.73	7417.67	7564.20	7517.53	1.15	ppb
Silver	107-1	0.17	0.16	0.20	0.18	10.51	ppb
Silver	109-1	0.19	0.20	0.21	0.20	5.91	ppb
Sodium	23-2	29059.33	29077.09	28524.02	28886.81	1.09	ppb
Strontium	86-1	26.08	26.06	26.62	26.25	1.22	ppb
Strontium	88-1	25.99	26.01	26.53	26.18	1.16	ppb
Sulfur	34-1	14910.68	14830.05	15190.64	14977.12	1.26	ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.12	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	16.26	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.17	0.17	0.17	0.17	0.86	ppb
Tin	118-1	2.55	2.57	2.67	2.60	2.53	ppb
Titanium	47-1	31.96	32.99	32.50	32.48	1.60	ppb
Uranium	238-1	0.37	0.38	0.38	0.38	1.36	ppb
Vanadium	51-2	9.07	9.34	8.93	9.11	2.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	220.46	220.90	216.12	219.16	1.20	ppb
Zirconium	90-1	0.31	0.32	0.34	0.32	3.78	ppb
Zirconium	91-1	0.32	0.39	0.29	0.33	14.36	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67.62	57.72	54.36	59.90	11.51	ppb
Antimony	121-1	0.14	0.18	0.15	0.16	16.50	ppb
Arsenic	75-2	0.94	1.15	0.79	0.96	18.81	ppb
Barium	135-1	65.10	66.85	65.07	65.68	1.55	ppb
Barium	137-1	65.17	66.57	65.14	65.63	1.24	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	53.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				91		%
Boron	10-1	126.35	128.52	129.93	128.27	1.41	ppb
Boron	11-1	126.34	132.50	131.86	130.23	2.60	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.08	-0.18	-0.22	-0.16		ppb
Cadmium	106-1	-1.30	-2.97	-3.45	-2.57		ppb
Cadmium	108-1	0.07	-0.10	0.01	0.00		ppb
Calcium	43-1	43016.34	42790.82	42794.78	42867.31	0.30	ppb
Calcium	44-1	42349.80	42181.18	42740.86	42423.95	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.49	0.53	0.51	4.39	ppb
Cobalt	59-2	0.15	0.16	0.15	0.15	3.13	ppb
Copper	63-2	1.17	1.13	1.17	1.16	1.93	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				95		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	189.44	190.44	187.67	189.18	0.74	ppb
Iron	57-2	286.76	295.49	287.39	289.88	1.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	194.96	194.55	216.54	202.02	6.23	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.24	0.23	0.25	9.23	ppb
Lead	207-1	0.24	0.25	0.25	0.25	0.57	ppb
Lead	208-1	0.26	0.24	0.24	0.25	3.66	ppb
Lithium	6-1				96		%
Magnesium	24-2	11796.68	11705.16	11687.13	11729.66	0.50	ppb
Manganese	55-2	130.34	131.36	130.45	130.72	0.43	ppb
Molybdenum	94-1	0.56	0.48	0.49	0.51	8.33	ppb
Molybdenum	95-1	0.65	0.69	0.65	0.66	3.77	ppb
Molybdenum	96-1	0.68	0.70	0.68	0.69	1.59	ppb
Molybdenum	97-1	0.68	0.74	0.63	0.68	8.07	ppb
Molybdenum	98-1	0.74	0.70	0.69	0.71	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.70	0.58	0.66	10.47	ppb
Phosphorus	31-2	104.55	128.22	129.89	120.89	11.72	ppb
Potassium	39-2	2879.00	2885.05	2918.09	2894.05	0.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.34	0.88	0.24	0.49	71.16	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	-0.15	-0.44	-0.46		ppb
Silicon	28-1	5145.67	5045.74	5044.13	5078.51	1.15	ppb
Silver	107-1	0.00	0.01	0.00	0.00	599.82	ppb
Silver	109-1	0.00	0.01	0.01	0.00	50.29	ppb
Sodium	23-2	50596.73	49983.99	50131.53	50237.42	0.64	ppb
Strontium	86-1	19.44	19.32	19.52	19.43	0.50	ppb
Strontium	88-1	19.36	19.35	19.48	19.40	0.37	ppb
Sulfur	34-1	17410.29	17321.48	17531.14	17420.97	0.60	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.21	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	39.86	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	16.07	ppb
Tin	118-1	0.07	0.08	0.08	0.08	4.26	ppb
Titanium	47-1	1.87	1.70	3.60	2.39	44.03	ppb
Uranium	238-1	0.14	0.13	0.14	0.14	3.63	ppb
Vanadium	51-2	1.43	1.38	1.39	1.40	1.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	24.81	25.62	24.56	25.00	2.22	ppb
Zirconium	90-1	0.06	0.04	0.04	0.04	20.58	ppb
Zirconium	91-1	0.12	0.94	0.08	0.38	127.91	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.14	59.47	58.97	58.86	1.15	ppb
Antimony	121-1	0.16	0.16	0.17	0.16	5.62	ppb
Arsenic	75-2	0.91	0.73	0.74	0.80	12.98	ppb
Barium	135-1	65.21	66.52	65.45	65.73	1.07	ppb
Barium	137-1	64.45	67.36	65.87	65.89	2.21	ppb
Beryllium	9-1	0.00	-0.01	0.02	0.00	325.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	121.26	127.28	126.30	124.95	2.58	ppb
Boron	11-1	127.09	131.30	132.10	130.16	2.07	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.05	-0.14	-0.10	-0.10		ppb
Cadmium	106-1	-1.00	-2.31	-1.78	-1.70		ppb
Cadmium	108-1	-0.04	-0.01	0.04	-0.01		ppb
Calcium	43-1	43195.61	42870.12	42881.10	42982.28	0.43	ppb
Calcium	44-1	42844.38	42454.03	42645.21	42647.87	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.48	0.52	0.48	7.61	ppb
Cobalt	59-2	0.16	0.15	0.16	0.16	5.50	ppb
Copper	63-2	1.12	1.22	1.16	1.17	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				105		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	199.35	184.21	194.95	192.84	4.04	ppb
Iron	57-2	283.80	275.66	280.85	280.10	1.47	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	194.04	193.15	191.52	192.90	0.66	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.21	0.22	3.70	ppb
Lead	207-1	0.22	0.22	0.26	0.23	9.72	ppb
Lead	208-1	0.24	0.22	0.24	0.23	4.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	11783.59	11683.99	11684.97	11717.52	0.49	ppb
Manganese	55-2	132.47	129.73	130.78	130.99	1.05	ppb
Molybdenum	94-1	0.52	0.69	0.49	0.57	19.21	ppb
Molybdenum	95-1	0.66	0.65	0.71	0.68	5.04	ppb
Molybdenum	96-1	0.64	0.63	0.68	0.65	4.31	ppb
Molybdenum	97-1	0.69	0.76	0.67	0.70	6.78	ppb
Molybdenum	98-1	0.75	0.67	0.70	0.70	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.72	0.69	0.71	2.44	ppb
Phosphorus	31-2	121.88	132.13	99.23	117.75	14.30	ppb
Potassium	39-2	2898.38	2865.71	2890.22	2884.77	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.49	0.48	-0.23	0.25	166.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.42	-0.38	-0.42	-0.13		ppb
Silicon	28-1	5115.61	5085.65	5062.88	5088.05	0.52	ppb
Silver	107-1	0.00	0.00	0.00	0.00	4224.43	ppb
Silver	109-1	0.00	0.00	0.01	0.00	175.10	ppb
Sodium	23-2	50405.51	49636.04	49548.93	49863.49	0.95	ppb
Strontium	86-1	19.27	19.37	19.66	19.43	1.03	ppb
Strontium	88-1	19.14	19.25	19.48	19.29	0.92	ppb
Sulfur	34-1	17413.84	16952.40	16950.34	17105.53	1.56	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.53	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	45.85	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.01	0.01	66.48	ppb
Tin	118-1	0.05	0.09	0.09	0.08	29.09	ppb
Titanium	47-1	1.87	2.64	2.76	2.42	19.83	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	3.10	ppb
Vanadium	51-2	1.42	1.34	1.40	1.39	3.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	26.41	26.65	25.94	26.33	1.37	ppb
Zirconium	90-1	0.05	0.03	0.03	0.04	20.68	ppb
Zirconium	91-1	0.05	0.04	0.07	0.06	24.22	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.89	13.51	11.24	12.55	9.36	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	9.43	ppb
Arsenic	75-2	0.15	0.15	0.11	0.13	14.87	ppb
Barium	135-1	13.55	13.13	12.65	13.11	3.44	ppb
Barium	137-1	13.23	13.02	13.08	13.11	0.83	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	424.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				94		%
Boron	10-1	31.50	30.86	31.13	31.16	1.02	ppb
Boron	11-1	32.10	32.49	32.22	32.27	0.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.18	0.00	-0.16	-0.11		ppb
Cadmium	106-1	-2.65	0.01	-2.48	-1.71		ppb
Cadmium	108-1	0.04	-0.10	-0.04	-0.03		ppb
Calcium	43-1	8272.75	8374.07	8473.85	8373.55	1.20	ppb
Calcium	44-1	8397.82	8519.89	8563.81	8493.84	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.15	0.15	0.14	6.83	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	19.88	ppb
Copper	63-2	0.16	0.19	0.17	0.17	8.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	37.13	37.00	36.58	36.90	0.78	ppb
Iron	57-2	59.71	59.34	57.51	58.85	2.00	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	38.57	38.88	36.65	38.04	3.18	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	13.27	ppb
Lead	207-1	0.08	0.04	0.05	0.06	41.85	ppb
Lead	208-1	0.06	0.05	0.05	0.05	13.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	2306.73	2300.65	2288.33	2298.57	0.41	ppb
Manganese	55-2	26.04	25.86	25.56	25.82	0.95	ppb
Molybdenum	94-1	0.11	0.08	0.10	0.10	11.97	ppb
Molybdenum	95-1	0.12	0.13	0.14	0.13	8.25	ppb
Molybdenum	96-1	0.15	0.12	0.13	0.13	12.00	ppb
Molybdenum	97-1	0.12	0.19	0.14	0.15	25.12	ppb
Molybdenum	98-1	0.14	0.11	0.16	0.14	18.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.11	0.08	0.08	26.96	ppb
Phosphorus	31-2	-3.85	10.76	-1.06	1.95	397.95	ppb
Potassium	39-2	561.50	566.48	571.84	566.61	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.63	-0.86	0.55	0.11	783.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.33	-0.18	0.05	468.85	ppb
Silicon	28-1	998.77	983.55	980.19	987.51	1.00	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	151.33	ppb
Sodium	23-2	9924.89	9884.51	9847.80	9885.74	0.39	ppb
Strontium	86-1	3.74	3.86	3.83	3.81	1.69	ppb
Strontium	88-1	3.75	3.77	3.85	3.79	1.47	ppb
Sulfur	34-1	3133.05	2950.78	3035.85	3039.89	3.00	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.01	0.01	81.08	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	158.72	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	111.02	ppb
Tin	118-1	-0.01	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.55	0.39	0.59	0.51	20.81	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	15.18	ppb
Vanadium	51-2	0.29	0.29	0.27	0.28	3.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	6.03	5.84	5.66	5.85	3.17	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	5228.05	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.73	71.85	72.95	76.51	9.33	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	8.51	ppb
Arsenic	75-2	0.49	0.46	0.62	0.52	16.02	ppb
Barium	135-1	43.14	43.73	44.06	43.65	1.07	ppb
Barium	137-1	44.06	44.27	44.73	44.35	0.77	ppb
Beryllium	9-1	0.00	0.02	0.03	0.02	68.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	44.97	42.97	45.56	44.50	3.05	ppb
Boron	11-1	42.86	45.78	43.95	44.20	3.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.21	-0.08	-0.26	-0.18		ppb
Cadmium	106-1	-3.23	-1.43	-4.10	-2.92		ppb
Cadmium	108-1	0.07	-0.04	0.01	0.01	466.31	ppb
Calcium	43-1	25853.66	26166.19	25747.29	25922.38	0.84	ppb
Calcium	44-1	25864.91	25903.98	25748.53	25839.14	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.63	0.66	0.65	2.67	ppb
Cobalt	59-2	0.15	0.13	0.13	0.14	7.97	ppb
Copper	63-2	1.16	1.14	1.09	1.13	3.08	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				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	179.13	176.13	173.53	176.26	1.59	ppb
Iron	57-2	228.81	233.64	230.47	230.98	1.06	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	182.34	181.12	180.91	181.45	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.23	0.22	0.21	8.82	ppb
Lead	207-1	0.21	0.22	0.20	0.21	3.17	ppb
Lead	208-1	0.19	0.21	0.21	0.20	6.41	ppb
Lithium	6-1				97		%
Magnesium	24-2	9485.65	9540.00	9313.74	9446.47	1.25	ppb
Manganese	55-2	24.43	24.26	23.55	24.08	1.93	ppb
Molybdenum	94-1	0.50	0.40	0.42	0.44	11.96	ppb
Molybdenum	95-1	0.57	0.60	0.55	0.57	4.51	ppb
Molybdenum	96-1	0.60	0.55	0.65	0.60	8.44	ppb
Molybdenum	97-1	0.70	0.68	0.70	0.69	1.75	ppb
Molybdenum	98-1	0.63	0.60	0.57	0.60	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.53	0.51	0.54	6.51	ppb
Phosphorus	31-2	30.48	16.73	-13.81	11.13	203.57	ppb
Potassium	39-2	2281.29	2270.49	2263.96	2271.91	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.13	0.25	0.17	0.18	31.33	ppb
Selenium	77-2	0.33	0.00	0.33	0.22	86.62	ppb
Selenium	78-2	-0.73	-0.71	-0.35	-0.59		ppb
Silicon	28-1	2394.05	2439.79	2394.38	2409.41	1.09	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.01	0.00	0.01	19.89	ppb
Sodium	23-2	27808.14	27914.00	27187.01	27636.38	1.42	ppb
Strontium	86-1	14.13	13.99	13.95	14.02	0.68	ppb
Strontium	88-1	14.10	13.96	14.02	14.03	0.51	ppb
Sulfur	34-1	5061.68	5166.28	5116.78	5114.91	1.02	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	36.54	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	26.25	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	23.71	ppb
Tin	118-1	0.07	0.06	0.05	0.06	17.36	ppb
Titanium	47-1	3.15	2.63	9.46	5.08	74.82	ppb
Uranium	238-1	0.23	0.25	0.24	0.24	2.94	ppb
Vanadium	51-2	0.86	0.83	0.77	0.82	5.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	20.09	19.44	20.49	20.01	2.65	ppb
Zirconium	90-1	0.06	0.03	0.03	0.04	33.14	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	17.46	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10142.84	10236.69	10163.94	10181.15	0.48	ppb
Antimony	121-1	486.72	490.70	500.69	492.71	1.46	ppb
Arsenic	75-2	515.70	519.94	513.56	516.40	0.63	ppb
Barium	135-1	2604.38	2608.25	2650.36	2621.00	0.97	ppb
Barium	137-1	2753.01	2707.88	2756.87	2739.25	0.99	ppb
Beryllium	9-1	497.09	493.03	500.80	496.97	0.78	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	603.84	617.18	639.51	620.18	2.91	ppb
Boron	11-1	615.31	622.56	631.93	623.27	1.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	501.50	494.53	534.89	510.31	4.23	ppb
Cadmium	106-1	491.57	497.98	498.84	496.13	0.80	ppb
Cadmium	108-1	515.40	525.22	530.82	523.81	1.49	ppb
Calcium	43-1	94723.12	94676.20	94385.18	94594.83	0.19	ppb
Calcium	44-1	93390.56	93752.27	92834.73	93325.86	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.34	495.27	489.26	491.96	0.62	ppb
Cobalt	59-2	496.23	499.40	492.35	495.99	0.71	ppb
Copper	63-2	5582.21	5565.90	5550.80	5566.30	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	26963.15	27369.14	26977.21	27103.17	0.85	ppb
Iron	57-2	26221.89	26398.18	26094.28	26238.12	0.58	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27228.53	27302.30	27058.25	27196.36	0.46	ppb
Krypton	83-1						cps
Lead	206-1	2663.72	2644.59	2620.22	2642.85	0.82	ppb
Lead	207-1	2668.72	2675.35	2658.17	2667.41	0.32	ppb
Lead	208-1	2650.92	2647.01	2622.02	2639.98	0.59	ppb
Lithium	6-1				89		%
Magnesium	24-2	61531.30	62083.89	61682.13	61765.77	0.46	ppb
Manganese	55-2	5743.71	5725.59	5698.03	5722.44	0.40	ppb
Molybdenum	94-1	3959.89	4015.72	4064.67	4013.43	1.31	ppb
Molybdenum	95-1	4641.62	4751.93	4811.23	4734.92	1.82	ppb
Molybdenum	96-1	4539.96	4653.38	4649.76	4614.37	1.40	ppb
Molybdenum	97-1	4659.29	4750.60	4744.77	4718.22	1.08	ppb
Molybdenum	98-1	4675.40	4687.74	4695.80	4686.31	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.40	495.75	492.18	494.11	0.36	ppb
Phosphorus	31-2	120.63	117.80	133.32	123.92	6.67	ppb
Potassium	39-2	28638.42	28955.10	28537.14	28710.22	0.76	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	480.34	501.20	487.76	489.77	2.16	ppb
Selenium	77-2	502.54	483.96	502.47	496.32	2.16	ppb
Selenium	78-2	497.50	500.43	495.80	497.91	0.47	ppb
Silicon	28-1	5638.22	5723.42	5674.37	5678.67	0.75	ppb
Silver	107-1	512.31	484.01	606.97	534.43	12.05	ppb
Silver	109-1	568.62	531.86	496.40	532.29	6.78	ppb
Sodium	23-2	101694.55	102357.44	102095.74	102049.24	0.33	ppb
Strontium	86-1	518.80	528.52	523.51	523.61	0.93	ppb
Strontium	88-1	515.50	521.80	517.37	518.23	0.62	ppb
Sulfur	34-1	17575.74	17492.87	17036.87	17368.49	1.67	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	491.72	503.09	497.29	497.37	1.14	ppb
Thallium	205-1	521.29	521.09	519.41	520.60	0.20	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	20.95	ppb
Tin	118-1	502.85	505.45	515.83	508.04	1.35	ppb
Titanium	47-1	4540.11	4537.17	4526.31	4534.53	0.16	ppb
Uranium	238-1	493.77	495.45	507.38	498.87	1.49	ppb
Vanadium	51-2	495.69	499.36	494.89	496.65	0.48	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	5309.71	5329.31	5305.66	5314.89	0.24	ppb
Zirconium	90-1	488.55	498.46	490.00	492.34	1.09	ppb
Zirconium	91-1	472.62	486.13	489.11	482.62	1.82	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10026.09	10001.17	10104.78	10044.02	0.54	ppb
Antimony	121-1	496.96	481.97	488.17	489.03	1.54	ppb
Arsenic	75-2	505.51	510.96	499.43	505.30	1.14	ppb
Barium	135-1	2604.79	2566.09	2604.45	2591.77	0.86	ppb
Barium	137-1	2715.38	2640.35	2725.05	2693.59	1.72	ppb
Beryllium	9-1	494.82	492.13	490.86	492.61	0.41	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	589.43	621.96	655.47	622.29	5.31	ppb
Boron	11-1	614.69	635.55	657.26	635.83	3.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	545.28	483.70	531.29	520.09	6.21	ppb
Cadmium	106-1	502.30	490.70	496.98	496.66	1.17	ppb
Cadmium	108-1	514.26	524.12	521.06	519.81	0.97	ppb
Calcium	43-1	94026.12	93828.28	94524.55	94126.31	0.38	ppb
Calcium	44-1	91352.85	92547.44	92562.62	92154.30	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.03	484.96	483.31	483.77	0.22	ppb
Cobalt	59-2	484.60	489.22	491.07	488.30	0.68	ppb
Copper	63-2	5491.52	5511.18	5508.23	5503.64	0.19	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				90		%
Indium	115-1				91		%
Indium	115-2				84		%
Iron	56-2	26845.43	26408.71	26863.83	26705.99	0.96	ppb
Iron	57-2	25615.59	25869.45	25940.43	25808.49	0.66	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26676.25	26714.73	26922.43	26771.14	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2648.04	2591.69	2632.16	2623.96	1.11	ppb
Lead	207-1	2647.31	2626.77	2665.91	2646.66	0.74	ppb
Lead	208-1	2646.08	2605.19	2641.14	2630.81	0.85	ppb
Lithium	6-1				87		%
Magnesium	24-2	60745.27	61173.07	62032.31	61316.89	1.07	ppb
Manganese	55-2	5662.75	5690.11	5683.60	5678.82	0.25	ppb
Molybdenum	94-1	3979.62	3885.28	3945.58	3936.83	1.21	ppb
Molybdenum	95-1	4659.87	4557.37	4655.35	4624.19	1.25	ppb
Molybdenum	96-1	4560.63	4506.54	4622.33	4563.17	1.27	ppb
Molybdenum	97-1	4614.90	4604.42	4660.43	4626.58	0.64	ppb
Molybdenum	98-1	4639.28	4549.09	4610.00	4599.45	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.52	486.28	491.11	487.30	0.70	ppb
Phosphorus	31-2	111.82	112.39	115.81	113.34	1.90	ppb
Potassium	39-2	28280.55	28009.49	28712.72	28334.25	1.25	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	479.89	488.21	500.16	489.42	2.08	ppb
Selenium	77-2	505.34	493.91	487.15	495.47	1.86	ppb
Selenium	78-2	500.43	487.64	495.69	494.59	1.31	ppb
Silicon	28-1	5624.89	5673.24	5665.88	5654.67	0.46	ppb
Silver	107-1	644.64	459.01	600.60	568.08	17.07	ppb
Silver	109-1	704.76	568.75	488.31	587.27	18.63	ppb
Sodium	23-2	99586.22	98767.94	100629.32	99661.16	0.94	ppb
Strontium	86-1	520.76	519.12	522.16	520.68	0.29	ppb
Strontium	88-1	517.87	511.96	516.77	515.53	0.61	ppb
Sulfur	34-1	16855.62	16937.03	17221.82	17004.82	1.13	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	492.79	494.32	491.44	492.85	0.29	ppb
Thallium	205-1	517.14	515.16	513.64	515.31	0.34	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.02	0.02	0.02	19.60	ppb
Tin	118-1	507.06	498.20	511.67	505.64	1.35	ppb
Titanium	47-1	4532.10	4548.04	4546.19	4542.11	0.19	ppb
Uranium	238-1	494.42	501.05	502.01	499.16	0.83	ppb
Vanadium	51-2	489.98	489.11	492.30	490.46	0.34	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	5179.73	5205.30	5268.05	5217.70	0.87	ppb
Zirconium	90-1	492.87	468.06	471.44	477.46	2.82	ppb
Zirconium	91-1	481.24	473.05	480.52	478.27	0.95	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10018.32	9994.65	10036.22	10016.40	0.21	ppb
Antimony	121-1	481.88	492.74	483.64	486.09	1.20	ppb
Arsenic	75-2	502.08	507.13	521.19	510.13	1.94	ppb
Barium	135-1	2561.19	2590.32	2583.61	2578.37	0.59	ppb
Barium	137-1	2687.42	2720.04	2682.84	2696.77	0.75	ppb
Beryllium	9-1	486.47	494.50	489.22	490.06	0.83	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	621.15	629.81	659.79	636.92	3.18	ppb
Boron	11-1	626.96	639.59	664.91	643.82	3.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	531.63	511.46	518.45	520.52	1.97	ppb
Cadmium	106-1	503.02	492.18	494.63	496.61	1.15	ppb
Cadmium	108-1	514.12	517.99	518.22	516.78	0.45	ppb
Calcium	43-1	94415.85	94798.26	95780.01	94998.04	0.74	ppb
Calcium	44-1	93781.86	92948.61	93588.65	93439.71	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.48	485.57	484.92	484.66	0.22	ppb
Cobalt	59-2	484.90	490.12	487.57	487.53	0.54	ppb
Copper	63-2	5474.42	5524.74	5490.13	5496.43	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				90		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	27009.20	26836.23	26941.82	26929.08	0.32	ppb
Iron	57-2	25826.78	26086.33	25898.09	25937.07	0.52	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26941.71	26874.94	26951.56	26922.74	0.15	ppb
Krypton	83-1						cps
Lead	206-1	2642.46	2620.97	2636.61	2633.35	0.42	ppb
Lead	207-1	2639.86	2661.50	2658.95	2653.44	0.45	ppb
Lead	208-1	2650.15	2637.50	2637.75	2641.80	0.27	ppb
Lithium	6-1				87		%
Magnesium	24-2	61430.69	61337.86	61141.79	61303.45	0.24	ppb
Manganese	55-2	5734.28	5687.40	5714.71	5712.13	0.41	ppb
Molybdenum	94-1	3952.61	3967.68	3932.78	3951.02	0.44	ppb
Molybdenum	95-1	4652.66	4662.32	4645.49	4653.49	0.18	ppb
Molybdenum	96-1	4568.31	4586.42	4581.52	4578.75	0.20	ppb
Molybdenum	97-1	4622.02	4667.79	4658.71	4649.50	0.52	ppb
Molybdenum	98-1	4600.19	4618.81	4645.71	4621.57	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.82	487.26	488.12	486.40	0.47	ppb
Phosphorus	31-2	140.83	99.45	127.63	122.64	17.24	ppb
Potassium	39-2	28709.47	28087.93	28447.58	28414.99	1.10	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	493.42	494.30	497.44	495.05	0.43	ppb
Selenium	77-2	498.08	533.46	477.72	503.09	5.61	ppb
Selenium	78-2	491.96	509.05	486.83	495.95	2.35	ppb
Silicon	28-1	5581.90	5687.16	5742.17	5670.41	1.44	ppb
Silver	107-1	608.45	539.80	566.78	571.68	6.05	ppb
Silver	109-1	590.29	466.67	583.37	546.78	12.70	ppb
Sodium	23-2	100063.58	100300.37	100962.56	100442.17	0.46	ppb
Strontium	86-1	518.83	516.16	524.39	519.79	0.81	ppb
Strontium	88-1	515.51	517.03	515.35	515.96	0.18	ppb
Sulfur	34-1	17267.28	16893.25	17332.54	17164.36	1.38	ppb
Terbium	159-1				97		%
Terbium	159-2				90		%
Thallium	203-1	495.03	492.17	493.90	493.70	0.29	ppb
Thallium	205-1	520.32	515.03	512.80	516.05	0.75	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.02	0.01	14.43	ppb
Tin	118-1	500.65	504.78	504.45	503.29	0.46	ppb
Titanium	47-1	4545.71	4558.97	4533.84	4546.17	0.28	ppb
Uranium	238-1	499.90	499.92	489.09	496.31	1.26	ppb
Vanadium	51-2	488.91	489.33	491.18	489.81	0.25	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	5218.03	5272.54	5251.68	5247.42	0.52	ppb
Zirconium	90-1	492.35	501.80	500.30	498.15	1.02	ppb
Zirconium	91-1	476.50	482.37	482.39	480.42	0.71	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50091.16	49508.37	48599.65	49399.72	1.52	ppb
Antimony	121-1	483.86	473.55	477.32	478.24	1.09	ppb
Arsenic	75-2	508.51	504.03	506.88	506.47	0.45	ppb
Barium	135-1	2411.65	2415.89	2413.47	2413.67	0.09	ppb
Barium	137-1	2531.15	2513.55	2523.58	2522.76	0.35	ppb
Beryllium	9-1	493.08	487.62	483.59	488.10	0.98	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	499.36	521.21	526.68	515.75	2.80	ppb
Boron	11-1	514.94	537.13	543.37	531.81	2.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	509.87	502.71	513.68	508.76	1.09	ppb
Cadmium	106-1	516.05	500.96	525.67	514.23	2.42	ppb
Cadmium	108-1	522.32	508.14	525.62	518.69	1.79	ppb
Calcium	43-1	247656.60	249702.80	248898.78	248752.73	0.41	ppb
Calcium	44-1	244710.30	245762.15	249733.97	246735.47	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.47	481.39	476.22	481.03	0.96	ppb
Cobalt	59-2	473.37	472.22	466.05	470.55	0.84	ppb
Copper	63-2	4983.40	4899.95	4835.22	4906.19	1.51	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				100		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	127727.51	126987.11	124816.25	126510.29	1.20	ppb
Iron	57-2	125359.51	124508.33	123934.70	124600.85	0.58	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127826.72	126404.74	124707.05	126312.84	1.24	ppb
Krypton	83-1						cps
Lead	206-1	2586.33	2629.34	2619.97	2611.88	0.87	ppb
Lead	207-1	2607.74	2604.14	2598.50	2603.46	0.18	ppb
Lead	208-1	2598.93	2607.46	2588.00	2598.13	0.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	252325.91	249801.74	245145.56	249091.07	1.46	ppb
Manganese	55-2	5115.48	5134.34	5055.74	5101.85	0.80	ppb
Molybdenum	94-1	2566.82	2497.98	2510.60	2525.13	1.45	ppb
Molybdenum	95-1	2527.85	2498.86	2491.45	2506.05	0.77	ppb
Molybdenum	96-1	2514.90	2505.96	2490.79	2503.88	0.49	ppb
Molybdenum	97-1	2433.03	2416.78	2411.20	2420.34	0.47	ppb
Molybdenum	98-1	2514.69	2475.47	2492.16	2494.10	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.07	533.79	523.81	530.89	1.16	ppb
Phosphorus	31-2	9806.32	10124.15	9543.08	9824.52	2.96	ppb
Potassium	39-2	127389.30	126693.07	125407.47	126496.62	0.79	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	498.91	505.72	500.67	501.77	0.70	ppb
Selenium	77-2	506.98	541.61	494.35	514.31	4.76	ppb
Selenium	78-2	513.49	503.35	501.27	506.04	1.29	ppb
Silicon	28-1	591.35	621.19	633.03	615.19	3.49	ppb
Silver	107-1	498.51	492.79	506.31	499.20	1.36	ppb
Silver	109-1	503.07	494.05	501.69	499.60	0.97	ppb
Sodium	23-2	248578.80	246006.15	242336.31	245640.42	1.28	ppb
Strontium	86-1	498.50	501.60	495.71	498.60	0.59	ppb
Strontium	88-1	491.47	495.67	493.12	493.42	0.43	ppb
Sulfur	34-1	10122.08	10004.95	9925.22	10017.42	0.99	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	501.21	503.81	504.76	503.26	0.36	ppb
Thallium	205-1	520.77	527.31	529.91	526.00	0.90	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	524.08	518.71	526.24	523.01	0.74	ppb
Tin	118-1	503.70	498.78	508.56	503.68	0.97	ppb
Titanium	47-1	2502.05	2469.62	2496.55	2489.41	0.70	ppb
Uranium	238-1	525.54	523.16	526.15	524.95	0.30	ppb
Vanadium	51-2	485.57	484.85	481.70	484.04	0.42	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	4786.11	4724.69	4671.54	4727.45	1.21	ppb
Zirconium	90-1	527.79	519.07	517.34	521.40	1.07	ppb
Zirconium	91-1	511.46	508.97	506.69	509.04	0.47	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:53:55	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	1.28	0.85	0.96	29.18	ppb
Antimony	121-1	0.11	0.09	0.10	0.10	6.50	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	134.73	ppb
Barium	135-1	0.03	0.06	0.03	0.04	36.94	ppb
Barium	137-1	0.05	0.08	0.07	0.07	25.03	ppb
Beryllium	9-1	0.02	0.07	0.05	0.05	56.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	14.17	13.05	15.24	14.15	7.76	ppb
Boron	11-1	14.11	14.23	14.09	14.14	0.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.24	-0.33	-0.17	-0.25		ppb
Cadmium	106-1	-4.44	-5.38	-2.89	-4.24		ppb
Cadmium	108-1	0.11	0.08	-0.01	0.06	100.95	ppb
Calcium	43-1	8.14	5.10	1.43	4.89	68.66	ppb
Calcium	44-1	4.68	3.95	4.63	4.42	9.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.01	0.00	485.22	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	61.68	ppb
Copper	63-2	0.12	0.09	0.12	0.11	17.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	2.63	2.53	2.68	2.61	2.92	ppb
Iron	57-2	3.15	3.81	3.23	3.40	10.66	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:53:55	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.16	2.07	2.10	1.78	30.03	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.15	0.18	0.17	9.72	ppb
Lead	207-1	0.19	0.16	0.18	0.18	10.48	ppb
Lead	208-1	0.17	0.16	0.17	0.17	3.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.63	5.45	5.80	5.29	11.39	ppb
Manganese	55-2	0.14	0.12	0.14	0.13	10.64	ppb
Molybdenum	94-1	0.13	0.09	0.10	0.11	18.61	ppb
Molybdenum	95-1	0.09	0.15	0.10	0.12	26.69	ppb
Molybdenum	96-1	0.10	0.08	0.09	0.09	10.59	ppb
Molybdenum	97-1	0.16	0.09	0.09	0.11	34.33	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	7.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.09	-0.06	-0.09		ppb
Phosphorus	31-2	-29.21	-38.16	-38.64	-35.34		ppb
Potassium	39-2	7.96	14.65	17.48	13.36	36.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.53	-0.31	-0.06	0.05	847.02	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	-0.50	-0.26	-0.36		ppb
Silicon	28-1	1.83	1.45	2.50	1.92	27.60	ppb
Silver	107-1	0.11	0.06	0.04	0.07	53.01	ppb
Silver	109-1	0.11	0.04	0.68	0.28	126.55	ppb
Sodium	23-2	49.38	48.48	49.53	49.13	1.16	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	120.44	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	5.33	ppb
Sulfur	34-1	-115.17	-226.87	22.85	-106.40		ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	0.05	0.06	0.04	0.05	17.52	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	9.63	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:53:55	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.02	0.02	14.92	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	324.22	ppb
Titanium	47-1	0.09	0.03	0.04	0.06	53.66	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.42	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	45.17	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.28	0.33	0.48	0.36	28.62	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	18.21	ppb
Zirconium	91-1	0.02	0.00	0.04	0.02	112.78	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139279BL Instrumnet Name : P7
 Client Sample ID : PB139279BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 15:04:18 DataFile Name : 079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.03	0.19	0.06	185.27	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	41.29	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	140.64	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	33.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	6.88	6.79	5.81	6.49	9.18	ppb
Boron	11-1	7.48	7.06	7.03	7.19	3.46	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.25	-0.19	-0.26	-0.23		ppb
Cadmium	106-1	-4.12	-3.02	-3.92	-3.69		ppb
Cadmium	108-1	-0.13	-0.13	0.11	-0.05		ppb
Calcium	43-1	3.35	2.09	-0.34	1.70	110.39	ppb
Calcium	44-1	-0.78	-0.90	-0.63	-0.77		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.02	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.06	-0.07	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	-0.01	0.02	-0.02	0.00		ppb
Iron	57-2	-0.08	0.08	1.62	0.54	173.39	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BL	Instrumnet Name :	P7
Client Sample ID :	PB139279BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:04:18	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.45	-1.18	0.51	-0.08		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.10	0.10	7.68	ppb
Lead	207-1	0.10	0.12	0.11	0.11	6.01	ppb
Lead	208-1	0.10	0.11	0.09	0.10	10.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.73	0.33	0.45	0.50	41.50	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	30.75	ppb
Molybdenum	94-1	0.03	0.01	0.02	0.02	74.72	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	31.82	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	64.70	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	59.34	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	24.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.12	-0.12	-0.12		ppb
Phosphorus	31-2	-11.06	-34.36	-27.47	-24.29		ppb
Potassium	39-2	4.06	9.19	6.58	6.61	38.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.02	-0.16	0.33	0.07	378.98	ppb
Selenium	77-2	0.00	0.34	0.00	0.11	173.21	ppb
Selenium	78-2	-0.14	-0.83	-0.13	-0.37		ppb
Silicon	28-1	-1.59	-3.37	-0.82	-1.93		ppb
Silver	107-1	0.04	0.01	0.00	0.02	111.65	ppb
Silver	109-1	0.04	0.02	0.01	0.02	67.65	ppb
Sodium	23-2	24.73	24.48	25.76	24.99	2.71	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.36	ppb
Sulfur	34-1	-51.58	-248.90	259.99	-13.50		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	57.53	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	65.57	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BL	Instrumnet Name :	P7
Client Sample ID :	PB139279BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:04:18	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.04	-0.02	-0.03		ppb
Titanium	47-1	-0.02	0.05	0.02	0.01	252.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	84.46	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	193.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.03	0.19	0.11	0.11	75.90	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	133.99	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9475.81	8854.19	9826.24	9385.42	5.25	ppb
Antimony	121-1	505.51	531.64	498.43	511.86	3.42	ppb
Arsenic	75-2	478.43	448.04	486.23	470.90	4.29	ppb
Barium	135-1	2505.57	2636.41	2454.12	2532.03	3.71	ppb
Barium	137-1	2621.35	2721.02	2541.35	2627.91	3.43	ppb
Beryllium	9-1	511.24	515.73	500.64	509.20	1.52	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	476.79	495.76	491.93	488.16	2.06	ppb
Boron	11-1	485.37	506.87	503.74	498.66	2.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	520.92	549.72	505.82	525.49	4.24	ppb
Cadmium	106-1	521.40	560.39	502.80	528.20	5.56	ppb
Cadmium	108-1	527.93	560.35	513.40	533.89	4.50	ppb
Calcium	43-1	53633.02	55569.41	52502.98	53901.80	2.88	ppb
Calcium	44-1	53178.98	54638.97	51561.15	53126.37	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.80	432.79	477.79	459.46	5.14	ppb
Cobalt	59-2	465.65	433.20	478.11	458.99	5.05	ppb
Copper	63-2	4828.68	4473.51	4897.75	4733.31	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	24924.75	23188.72	25415.72	24509.73	4.77	ppb
Iron	57-2	23775.36	22291.91	24474.01	23513.76	4.74	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25016.81	23176.59	25705.08	24632.82	5.31	ppb
Krypton	83-1						cps
Lead	206-1	2698.90	2741.04	2613.74	2684.56	2.42	ppb
Lead	207-1	2689.88	2734.38	2611.56	2678.60	2.32	ppb
Lead	208-1	2677.15	2747.08	2587.11	2670.45	3.00	ppb
Lithium	6-1				88		%
Magnesium	24-2	48896.41	45599.87	49666.16	48054.15	4.49	ppb
Manganese	55-2	4805.32	4451.84	4937.87	4731.68	5.31	ppb
Molybdenum	94-1	2599.96	2697.56	2541.78	2613.10	3.01	ppb
Molybdenum	95-1	2573.66	2704.47	2543.24	2607.12	3.29	ppb
Molybdenum	96-1	2577.03	2673.42	2528.06	2592.84	2.85	ppb
Molybdenum	97-1	2505.78	2589.21	2452.42	2515.80	2.74	ppb
Molybdenum	98-1	2555.26	2649.92	2530.17	2578.45	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.25	436.02	482.24	461.84	5.11	ppb
Phosphorus	31-2	9554.38	8927.34	9553.83	9345.18	3.87	ppb
Potassium	39-2	24198.99	22262.22	24676.10	23712.44	5.39	ppb
Rhodium	103-1				82		%
Rhodium	103-2				90		%
Scandium	45-1				85		%
Scandium	45-2				92		%
Selenium	82-1	517.68	539.33	505.49	520.83	3.29	ppb
Selenium	77-2	489.70	438.79	492.57	473.68	6.39	ppb
Selenium	78-2	467.54	467.22	486.18	473.65	2.29	ppb
Silicon	28-1	532.02	570.26	544.72	549.00	3.55	ppb
Silver	107-1	524.06	548.47	506.20	526.24	4.03	ppb
Silver	109-1	520.94	548.31	508.28	525.84	3.89	ppb
Sodium	23-2	48878.77	45046.42	50042.76	47989.31	5.45	ppb
Strontium	86-1	515.98	536.50	507.15	519.88	2.90	ppb
Strontium	88-1	517.59	539.17	505.54	520.77	3.27	ppb
Sulfur	34-1	11417.56	11728.13	10643.58	11263.09	4.96	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	514.17	523.18	499.79	512.38	2.30	ppb
Thallium	205-1	535.41	547.97	520.35	534.58	2.59	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	516.87	529.64	494.60	513.70	3.45	ppb
Tin	118-1	512.50	540.06	499.17	517.24	4.03	ppb
Titanium	47-1	2566.01	2630.59	2489.35	2561.98	2.76	ppb
Uranium	238-1	500.04	512.34	484.09	498.82	2.84	ppb
Vanadium	51-2	469.31	436.23	475.90	460.48	4.62	ppb
Yttrium	89-1				90		%
Yttrium	89-2				93		%
Zinc	66-2	4649.33	4325.60	4754.24	4576.39	4.88	ppb
Zirconium	90-1	516.70	537.19	502.39	518.76	3.37	ppb
Zirconium	91-1	505.62	520.53	494.06	506.74	2.62	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	214.95	202.90	190.71	202.85	5.97	ppb
Antimony	121-1	0.45	0.51	0.46	0.47	6.50	ppb
Arsenic	75-2	5.90	5.36	5.62	5.63	4.79	ppb
Barium	135-1	97.35	98.98	97.49	97.94	0.92	ppb
Barium	137-1	97.62	98.77	96.43	97.61	1.20	ppb
Beryllium	9-1	0.07	0.13	0.09	0.10	29.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	126.32	127.11	128.08	127.17	0.70	ppb
Boron	11-1	127.07	127.03	132.58	128.89	2.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.01	-0.17	-0.12		ppb
Cadmium	106-1	-4.25	-1.92	-3.98	-3.38		ppb
Cadmium	108-1	0.14	0.05	0.19	0.12	56.36	ppb
Calcium	43-1	43240.86	42971.00	41896.91	42702.93	1.66	ppb
Calcium	44-1	43179.85	42641.28	41959.31	42593.48	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.27	3.30	3.24	3.27	0.93	ppb
Cobalt	59-2	1.68	1.66	1.63	1.66	1.52	ppb
Copper	63-2	10.65	10.64	10.72	10.67	0.41	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				101		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	5104.72	5066.98	5025.93	5065.88	0.78	ppb
Iron	57-2	4967.32	4955.53	4896.34	4939.73	0.77	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5116.53	5017.82	4985.48	5039.94	1.35	ppb
Krypton	83-1						cps
Lead	206-1	2.70	2.71	2.64	2.69	1.32	ppb
Lead	207-1	2.58	2.56	2.52	2.55	1.31	ppb
Lead	208-1	2.58	2.58	2.53	2.56	1.09	ppb
Lithium	6-1				92		%
Magnesium	24-2	9326.32	9190.31	9210.93	9242.52	0.79	ppb
Manganese	55-2	1481.31	1464.73	1465.06	1470.36	0.64	ppb
Molybdenum	94-1	1.99	1.99	1.94	1.97	1.46	ppb
Molybdenum	95-1	2.53	2.31	2.33	2.39	5.03	ppb
Molybdenum	96-1	2.40	2.36	2.34	2.36	1.36	ppb
Molybdenum	97-1	2.49	2.32	2.19	2.33	6.43	ppb
Molybdenum	98-1	2.42	2.36	2.40	2.39	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.71	4.14	3.86	3.90	5.51	ppb
Phosphorus	31-2	384.30	393.13	415.53	397.65	4.05	ppb
Potassium	39-2	6922.17	6778.67	6770.69	6823.84	1.25	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.30	0.62	0.15	0.36	67.75	ppb
Selenium	77-2	0.36	0.00	0.70	0.35	99.42	ppb
Selenium	78-2	-0.51	0.29	-0.67	-0.30		ppb
Silicon	28-1	6187.55	6177.81	6051.91	6139.09	1.23	ppb
Silver	107-1	0.12	0.09	0.08	0.09	20.05	ppb
Silver	109-1	0.12	0.10	0.09	0.11	13.79	ppb
Sodium	23-2	28086.42	27391.39	27545.10	27674.31	1.32	ppb
Strontium	86-1	24.15	23.93	24.19	24.09	0.58	ppb
Strontium	88-1	24.49	24.01	24.17	24.22	1.02	ppb
Sulfur	34-1	14343.69	14116.79	13706.94	14055.81	2.30	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	0.22	0.19	0.17	0.19	13.32	ppb
Thallium	205-1	0.22	0.17	0.15	0.18	19.98	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.24	0.18	0.15	0.19	24.07	ppb
Tin	118-1	0.58	0.50	0.55	0.54	7.73	ppb
Titanium	47-1	8.51	8.00	7.81	8.11	4.41	ppb
Uranium	238-1	0.23	0.22	0.23	0.23	3.76	ppb
Vanadium	51-2	1.90	1.75	1.82	1.83	4.08	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	80.50	79.02	78.36	79.30	1.38	ppb
Zirconium	90-1	0.31	0.23	0.23	0.26	18.99	ppb
Zirconium	91-1	0.29	0.26	0.20	0.25	19.06	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.75	37.18	47.30	43.41	12.56	ppb
Antimony	121-1	0.19	0.20	0.21	0.20	3.66	ppb
Arsenic	75-2	0.81	1.04	0.75	0.87	17.53	ppb
Barium	135-1	70.72	69.44	69.42	69.86	1.07	ppb
Barium	137-1	71.71	69.40	71.42	70.84	1.78	ppb
Beryllium	9-1	0.07	0.02	0.02	0.04	68.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				88		%
Boron	10-1	132.47	140.53	142.75	138.58	3.90	ppb
Boron	11-1	137.37	143.40	147.70	142.83	3.63	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	-0.20	-0.21	-0.14		ppb
Cadmium	106-1	-1.49	-3.41	-3.53	-2.81		ppb
Cadmium	108-1	-0.07	-0.01	-0.10	-0.06		ppb
Calcium	43-1	44803.61	44891.74	44382.84	44692.73	0.61	ppb
Calcium	44-1	44943.66	44650.29	44550.95	44714.96	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.78	0.80	0.82	6.50	ppb
Cobalt	59-2	0.34	0.31	0.33	0.33	4.08	ppb
Copper	63-2	1.11	1.06	1.11	1.09	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	846.71	843.88	844.28	844.96	0.18	ppb
Iron	57-2	939.95	921.69	928.88	930.17	0.99	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	854.42	851.12	858.71	854.75	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.43	0.43	0.44	2.96	ppb
Lead	207-1	0.42	0.44	0.41	0.42	4.12	ppb
Lead	208-1	0.42	0.41	0.43	0.42	1.91	ppb
Lithium	6-1				93		%
Magnesium	24-2	16957.95	16955.35	16724.76	16879.36	0.79	ppb
Manganese	55-2	513.91	511.69	511.05	512.22	0.29	ppb
Molybdenum	94-1	0.72	0.71	0.68	0.70	3.23	ppb
Molybdenum	95-1	0.86	0.78	0.86	0.84	5.51	ppb
Molybdenum	96-1	0.84	0.88	0.87	0.86	2.71	ppb
Molybdenum	97-1	0.86	0.86	0.85	0.86	0.18	ppb
Molybdenum	98-1	0.79	0.90	0.88	0.86	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.13	1.20	1.16	3.27	ppb
Phosphorus	31-2	124.62	123.35	119.06	122.34	2.38	ppb
Potassium	39-2	3097.44	3033.03	3094.14	3074.87	1.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.20	0.97	-0.11	0.35	158.31	ppb
Selenium	77-2	0.00	0.35	0.70	0.35	99.78	ppb
Selenium	78-2	-0.55	0.53	-0.48	-0.17		ppb
Silicon	28-1	5245.35	5293.42	5249.85	5262.88	0.50	ppb
Silver	107-1	0.27	0.01	0.02	0.10	151.46	ppb
Silver	109-1	0.02	0.01	0.02	0.01	14.33	ppb
Sodium	23-2	51647.65	51070.54	51136.22	51284.80	0.62	ppb
Strontium	86-1	20.36	20.30	20.98	20.55	1.83	ppb
Strontium	88-1	20.34	20.42	20.48	20.41	0.34	ppb
Sulfur	34-1	22881.97	23068.02	23162.84	23037.61	0.62	ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.26	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	8.24	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.02	0.03	12.75	ppb
Tin	118-1	0.13	0.12	0.11	0.12	6.97	ppb
Titanium	47-1	6.34	1.75	2.21	3.43	73.65	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	0.32	ppb
Vanadium	51-2	0.94	0.95	0.90	0.93	3.21	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	13.49	14.22	13.97	13.89	2.66	ppb
Zirconium	90-1	0.09	0.10	0.05	0.08	30.04	ppb
Zirconium	91-1	0.05	0.07	0.07	0.07	15.13	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1663.68	1621.32	1609.32	1631.44	1.75	ppb
Antimony	121-1	0.48	0.56	0.56	0.53	8.43	ppb
Arsenic	75-2	8.57	8.29	8.38	8.41	1.67	ppb
Barium	135-1	205.64	209.03	211.79	208.82	1.48	ppb
Barium	137-1	207.37	208.52	211.15	209.01	0.93	ppb
Beryllium	9-1	0.44	0.25	0.37	0.35	26.89	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	122.50	127.81	124.65	124.99	2.14	ppb
Boron	11-1	129.18	130.45	133.25	130.96	1.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.12	0.13	0.17	0.14	20.39	ppb
Cadmium	106-1	-2.42	-1.92	-1.54	-1.96		ppb
Cadmium	108-1	0.27	0.44	0.36	0.36	24.22	ppb
Calcium	43-1	44039.38	44287.44	45156.04	44494.28	1.32	ppb
Calcium	44-1	44560.52	44063.83	44285.72	44303.36	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.66	27.47	27.00	27.38	1.24	ppb
Cobalt	59-2	4.17	4.13	4.10	4.13	0.76	ppb
Copper	63-2	43.20	43.21	42.66	43.02	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	21862.70	21694.81	21491.90	21683.14	0.86	ppb
Iron	57-2	21086.55	21011.54	20663.48	20920.52	1.08	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	21721.44	21723.04	21337.49	21593.99	1.03	ppb
Krypton	83-1						cps
Lead	206-1	31.22	31.48	31.74	31.48	0.81	ppb
Lead	207-1	29.12	29.72	29.71	29.51	1.17	ppb
Lead	208-1	29.71	30.26	30.14	30.04	0.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	9691.20	9601.90	9518.57	9603.89	0.90	ppb
Manganese	55-2	1785.20	1773.20	1763.15	1773.85	0.62	ppb
Molybdenum	94-1	2.26	2.30	2.51	2.36	5.62	ppb
Molybdenum	95-1	2.68	2.73	2.70	2.70	0.98	ppb
Molybdenum	96-1	2.71	2.73	2.58	2.67	2.97	ppb
Molybdenum	97-1	2.59	2.83	2.71	2.71	4.41	ppb
Molybdenum	98-1	2.68	2.69	2.68	2.68	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.11	20.20	20.67	20.32	1.48	ppb
Phosphorus	31-2	2573.59	2683.32	2775.42	2677.44	3.77	ppb
Potassium	39-2	7051.00	7000.58	6982.81	7011.46	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.54	0.08	0.68	0.43	73.08	ppb
Selenium	77-2	2.10	1.40	1.73	1.74	20.02	ppb
Selenium	78-2	0.14	0.32	-0.25	0.07	415.61	ppb
Silicon	28-1	7498.77	7372.08	7482.63	7451.16	0.93	ppb
Silver	107-1	0.19	0.15	0.14	0.16	17.48	ppb
Silver	109-1	0.16	0.20	0.19	0.18	10.52	ppb
Sodium	23-2	28091.99	27660.18	27668.21	27806.79	0.89	ppb
Strontium	86-1	24.83	25.60	25.40	25.28	1.59	ppb
Strontium	88-1	24.84	25.46	25.41	25.24	1.37	ppb
Sulfur	34-1	13723.24	13839.12	13816.96	13793.11	0.45	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.03	0.04	0.03	17.66	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	12.78	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.17	0.17	0.19	0.18	6.38	ppb
Tin	118-1	0.95	1.03	0.97	0.98	4.28	ppb
Titanium	47-1	33.14	32.18	35.73	33.68	5.45	ppb
Uranium	238-1	0.34	0.36	0.33	0.35	4.16	ppb
Vanadium	51-2	8.93	9.00	8.79	8.91	1.20	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	179.47	181.70	180.95	180.71	0.63	ppb
Zirconium	90-1	0.28	0.39	0.30	0.32	17.93	ppb
Zirconium	91-1	0.32	0.33	0.36	0.34	5.68	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.75	56.84	55.75	61.45	14.55	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	1.79	ppb
Arsenic	75-2	0.74	0.78	0.86	0.79	8.12	ppb
Barium	135-1	65.64	61.19	58.28	61.70	6.01	ppb
Barium	137-1	66.86	62.27	58.76	62.63	6.48	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	199.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				91		%
Boron	10-1	121.60	124.78	119.45	121.94	2.20	ppb
Boron	11-1	129.79	130.20	125.38	128.46	2.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.11	-0.14	-0.11		ppb
Cadmium	106-1	-1.36	-1.85	-2.29	-1.83		ppb
Cadmium	108-1	0.02	0.06	0.08	0.05	52.23	ppb
Calcium	43-1	43230.73	40447.50	38250.75	40643.00	6.14	ppb
Calcium	44-1	42963.17	40121.60	38038.83	40374.53	6.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.62	0.59	0.60	3.00	ppb
Cobalt	59-2	0.16	0.15	0.14	0.15	4.85	ppb
Copper	63-2	1.16	1.21	1.17	1.18	2.35	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				95		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	185.83	186.68	184.61	185.71	0.56	ppb
Iron	57-2	274.41	277.23	282.89	278.18	1.55	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	183.17	192.37	180.92	185.49	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.29	0.27	0.31	14.92	ppb
Lead	207-1	0.30	0.26	0.25	0.27	10.38	ppb
Lead	208-1	0.34	0.27	0.26	0.29	13.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	11381.63	11461.70	11479.71	11441.01	0.46	ppb
Manganese	55-2	127.15	128.58	128.22	127.99	0.58	ppb
Molybdenum	94-1	0.56	0.42	0.52	0.50	14.96	ppb
Molybdenum	95-1	0.71	0.67	0.64	0.67	5.62	ppb
Molybdenum	96-1	0.64	0.66	0.61	0.64	4.12	ppb
Molybdenum	97-1	0.70	0.72	0.58	0.67	11.07	ppb
Molybdenum	98-1	0.65	0.67	0.66	0.66	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.67	0.58	0.62	7.47	ppb
Phosphorus	31-2	84.16	69.51	110.56	88.08	23.62	ppb
Potassium	39-2	2816.12	2807.56	2783.90	2802.53	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.42	0.41	0.59	0.47	21.08	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	-0.12	-0.32	-0.31		ppb
Silicon	28-1	5061.58	4702.81	4473.28	4745.89	6.25	ppb
Silver	107-1	0.01	0.00	0.00	0.00	91.68	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.78	ppb
Sodium	23-2	49024.75	49184.27	49100.44	49103.15	0.16	ppb
Strontium	86-1	19.40	18.40	17.43	18.41	5.34	ppb
Strontium	88-1	19.32	18.21	17.43	18.32	5.17	ppb
Sulfur	34-1	17484.27	15478.47	14155.86	15706.20	10.67	ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.79	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	41.01	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.01	0.01	0.01	27.52	ppb
Tin	118-1	0.11	0.10	0.09	0.10	7.63	ppb
Titanium	47-1	2.14	1.85	2.11	2.03	7.65	ppb
Uranium	238-1	0.14	0.14	0.12	0.13	7.56	ppb
Vanadium	51-2	1.44	1.38	1.32	1.38	4.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	26.02	27.25	26.55	26.61	2.32	ppb
Zirconium	90-1	0.05	0.05	0.08	0.06	24.44	ppb
Zirconium	91-1	0.03	0.07	0.02	0.04	60.58	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.12	72.55	75.65	73.77	2.24	ppb
Antimony	121-1	0.09	0.08	0.10	0.09	13.59	ppb
Arsenic	75-2	0.55	0.51	0.46	0.51	8.86	ppb
Barium	135-1	41.90	42.80	42.66	42.45	1.14	ppb
Barium	137-1	42.57	42.70	42.66	42.64	0.17	ppb
Beryllium	9-1	0.03	0.05	0.02	0.03	35.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	45.47	48.86	48.83	47.72	4.08	ppb
Boron	11-1	49.10	47.75	49.59	48.81	1.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	-0.12	-0.11	-0.11		ppb
Cadmium	106-1	-1.86	-1.89	-1.85	-1.87		ppb
Cadmium	108-1	0.02	-0.13	-0.02	-0.04		ppb
Calcium	43-1	25852.11	25718.21	25312.25	25627.52	1.10	ppb
Calcium	44-1	25402.92	25215.24	25431.08	25349.75	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.69	0.67	0.70	5.37	ppb
Cobalt	59-2	0.14	0.12	0.13	0.13	6.05	ppb
Copper	63-2	1.26	1.20	1.23	1.23	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	176.56	172.74	172.59	173.97	1.29	ppb
Iron	57-2	225.82	235.60	223.99	228.47	2.73	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	172.73	176.07	169.51	172.77	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.28	0.28	2.45	ppb
Lead	207-1	0.26	0.27	0.28	0.27	3.69	ppb
Lead	208-1	0.26	0.25	0.26	0.26	1.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	9200.80	9181.37	9087.15	9156.44	0.66	ppb
Manganese	55-2	23.87	23.38	23.24	23.50	1.41	ppb
Molybdenum	94-1	0.46	0.45	0.49	0.46	4.34	ppb
Molybdenum	95-1	0.57	0.54	0.63	0.58	7.79	ppb
Molybdenum	96-1	0.53	0.59	0.57	0.56	5.14	ppb
Molybdenum	97-1	0.64	0.54	0.55	0.58	9.39	ppb
Molybdenum	98-1	0.65	0.57	0.60	0.61	6.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.69	0.69	0.68	1.73	ppb
Phosphorus	31-2	-14.57	1.88	-15.72	-9.47		ppb
Potassium	39-2	2227.73	2215.13	2195.32	2212.73	0.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.55	0.42	0.49	0.49	13.61	ppb
Selenium	77-2	0.00	0.35	0.68	0.34	99.06	ppb
Selenium	78-2	-0.29	0.00	-0.59	-0.29		ppb
Silicon	28-1	2337.69	2305.59	2295.08	2312.79	0.96	ppb
Silver	107-1	0.01	0.00	0.00	0.00	138.62	ppb
Silver	109-1	0.01	0.02	0.01	0.01	15.27	ppb
Sodium	23-2	26663.22	26745.49	26358.97	26589.23	0.77	ppb
Strontium	86-1	14.00	13.84	13.67	13.83	1.20	ppb
Strontium	88-1	13.94	13.82	13.71	13.82	0.82	ppb
Sulfur	34-1	4598.15	4452.33	4413.56	4488.01	2.17	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.00	0.01	74.60	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.27	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	22.95	ppb
Tin	118-1	0.10	0.08	0.09	0.09	10.26	ppb
Titanium	47-1	2.65	2.76	2.53	2.65	4.30	ppb
Uranium	238-1	0.23	0.23	0.23	0.23	1.19	ppb
Vanadium	51-2	0.85	0.81	0.89	0.85	4.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	22.65	22.95	22.84	22.82	0.66	ppb
Zirconium	90-1	0.06	0.03	0.04	0.04	34.39	ppb
Zirconium	91-1	0.03	0.00	0.03	0.02	99.65	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49728.84	48806.15	48920.20	49151.73	1.02	ppb
Antimony	121-1	466.72	476.45	473.58	472.25	1.06	ppb
Arsenic	75-2	509.86	505.18	503.49	506.18	0.65	ppb
Barium	135-1	2343.98	2383.86	2388.34	2372.06	1.03	ppb
Barium	137-1	2471.35	2513.36	2501.34	2495.35	0.87	ppb
Beryllium	9-1	483.17	490.57	483.96	485.90	0.84	ppb
Bismuth	209-1				90		%
Bismuth	209-2				82		%
Boron	10-1	487.10	515.61	520.70	507.80	3.57	ppb
Boron	11-1	496.11	514.51	527.02	512.55	3.03	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	503.49	513.50	510.33	509.11	1.00	ppb
Cadmium	106-1	518.77	529.97	515.33	521.36	1.47	ppb
Cadmium	108-1	510.15	523.84	519.87	517.96	1.36	ppb
Calcium	43-1	247759.24	247843.34	247041.24	247547.94	0.18	ppb
Calcium	44-1	242821.32	242287.76	244573.48	243227.52	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.79	476.61	478.18	477.53	0.17	ppb
Cobalt	59-2	470.06	472.80	468.90	470.59	0.42	ppb
Copper	63-2	4937.31	4921.42	4877.59	4912.11	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				91		%
Indium	115-1				92		%
Indium	115-2				84		%
Iron	56-2	124672.17	124741.31	126292.16	125235.21	0.73	ppb
Iron	57-2	122990.83	124277.28	122732.59	123333.57	0.67	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126646.78	126377.83	125462.76	126162.46	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2594.61	2597.48	2638.85	2610.31	0.95	ppb
Lead	207-1	2593.79	2580.28	2586.59	2586.89	0.26	ppb
Lead	208-1	2589.90	2574.93	2599.47	2588.10	0.48	ppb
Lithium	6-1				89		%
Magnesium	24-2	246730.06	248065.38	246953.22	247249.55	0.29	ppb
Manganese	55-2	5042.11	5048.53	5030.86	5040.50	0.18	ppb
Molybdenum	94-1	2498.72	2525.93	2535.84	2520.16	0.76	ppb
Molybdenum	95-1	2480.55	2499.40	2501.71	2493.89	0.47	ppb
Molybdenum	96-1	2485.09	2512.85	2495.67	2497.87	0.56	ppb
Molybdenum	97-1	2375.46	2424.86	2420.51	2406.94	1.14	ppb
Molybdenum	98-1	2456.15	2475.29	2489.26	2473.57	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.97	533.31	524.33	529.20	0.86	ppb
Phosphorus	31-2	9856.53	9802.06	9702.68	9787.09	0.80	ppb
Potassium	39-2	126086.75	124845.59	125322.29	125418.21	0.50	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	492.48	502.19	505.62	500.10	1.36	ppb
Selenium	77-2	508.20	474.27	482.41	488.29	3.63	ppb
Selenium	78-2	503.61	500.49	504.48	502.86	0.42	ppb
Silicon	28-1	558.10	585.76	599.03	580.96	3.59	ppb
Silver	107-1	496.48	503.18	501.23	500.30	0.69	ppb
Silver	109-1	495.70	504.27	503.32	501.10	0.94	ppb
Sodium	23-2	246641.81	245833.11	244688.58	245721.17	0.40	ppb
Strontium	86-1	489.17	495.23	499.91	494.77	1.09	ppb
Strontium	88-1	491.24	493.21	496.30	493.59	0.52	ppb
Sulfur	34-1	10077.85	10120.68	10106.95	10101.82	0.22	ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	490.63	495.83	499.73	495.40	0.92	ppb
Thallium	205-1	523.97	514.81	521.90	520.23	0.92	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	519.52	517.99	522.78	520.10	0.47	ppb
Tin	118-1	490.54	503.28	501.52	498.45	1.38	ppb
Titanium	47-1	2461.20	2478.67	2466.42	2468.77	0.36	ppb
Uranium	238-1	521.25	516.82	522.55	520.21	0.58	ppb
Vanadium	51-2	485.11	485.97	482.18	484.42	0.41	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	4704.36	4747.79	4689.66	4713.93	0.64	ppb
Zirconium	90-1	518.52	524.96	517.96	520.48	0.75	ppb
Zirconium	91-1	500.44	505.12	506.15	503.90	0.60	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:33:28	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.55	0.44	0.45	19.40	ppb
Antimony	121-1	0.07	0.07	0.10	0.08	17.50	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	46.87	ppb
Barium	135-1	0.01	0.00	0.00	0.00	230.96	ppb
Barium	137-1	0.03	0.02	0.03	0.03	33.28	ppb
Beryllium	9-1	0.03	0.04	0.03	0.04	15.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Boron	10-1	9.28	9.83	8.35	9.16	8.13	ppb
Boron	11-1	9.82	9.25	9.42	9.50	3.08	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.26	-0.19	-0.13	-0.20		ppb
Cadmium	106-1	-4.02	-2.97	-2.08	-3.02		ppb
Cadmium	108-1	0.22	0.05	0.05	0.11	94.75	ppb
Calcium	43-1	6.49	9.66	3.44	6.53	47.62	ppb
Calcium	44-1	1.77	0.68	0.37	0.94	78.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.04	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.01	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	1.05	1.08	1.08	1.07	1.80	ppb
Iron	57-2	1.94	1.52	0.35	1.27	64.56	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:33:28	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.78	0.85	0.15	0.59	65.53	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.15	0.14	7.30	ppb
Lead	207-1	0.17	0.14	0.14	0.15	11.38	ppb
Lead	208-1	0.15	0.13	0.15	0.15	8.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.52	3.04	2.38	2.64	13.03	ppb
Manganese	55-2	0.04	0.04	0.09	0.06	49.64	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	6.29	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	4.86	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	20.47	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	12.38	ppb
Molybdenum	98-1	0.07	0.06	0.02	0.05	51.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.14	-0.14	-0.14		ppb
Phosphorus	31-2	-37.65	-45.02	-40.08	-40.92		ppb
Potassium	39-2	16.49	14.36	11.67	14.17	17.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.06	-0.83	0.32	-0.15		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.65	-0.15	-0.03	-0.28		ppb
Silicon	28-1	-1.61	-1.56	-0.60	-1.26		ppb
Silver	107-1	0.01	0.01	0.00	0.01	66.30	ppb
Silver	109-1	0.02	0.01	0.02	0.01	40.81	ppb
Sodium	23-2	43.36	43.18	42.20	42.92	1.46	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	17.66	ppb
Sulfur	34-1	-222.60	-296.77	-215.26	-244.88		ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	0.05	0.04	0.05	0.04	15.46	ppb
Thallium	205-1	0.05	0.04	0.05	0.04	13.43	ppb

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:33:28	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	16.26	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb
Titanium	47-1	0.06	0.04	-0.03	0.02	200.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.24	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	36.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	0.28	0.35	0.35	0.33	12.42	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	38.07	ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	189.84	ppb

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:23:49 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	117	75	48.43	cps
Antimony	121-1	92	75	108	92	18.18	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	50	33	8	31	68.64	cps
Barium	137-1	25	8	8	14	69.31	cps
Beryllium	9-1	67	50	50	56	17.32	cps
Bismuth	209-1	6947041	6980683	6976089	6967938	0.26	cps
Bismuth	209-2	4903582	4885698	4860390	4883223	0.44	cps
Boron	10-1	450	350	325	375	17.64	cps
Boron	11-1	1792	1833	1658	1761	5.19	cps
Bromine	81-1	7302	7536	7210	7349	2.28	cps
Bromine	81-2	50	30	80	53	47.19	cps
Cadmium	111-1	4003	3784	4510	4099	9.08	cps
Cadmium	106-1	4442	4217	4984	4548	8.67	cps
Cadmium	108-1	38	29	13	26	48.24	cps
Calcium	43-1	58	58	92	69	27.71	cps
Calcium	44-1	4559	4526	4242	4442	3.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	843	937	873	884	5.39	cps
Cobalt	59-2	63	53	27	48	39.66	cps
Copper	63-2	1080	1067	1080	1076	0.72	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	117	92	97	17.84	cps
Erbium	164-2	27	37	37	33	17.32	cps
Gadolinium	160-1	58	33	42	44	28.64	cps
Gadolinium	160-2	237	110	137	161	41.45	cps
Holmium	165-1	10240624	10073061	10124512	10146066	0.85	cps
Holmium	165-2	6451828	6405623	6422146	6426532	0.36	cps
Indium	115-1	7210748	7232390	7268863	7237334	0.41	cps
Indium	115-2	2185132	2169708	2167957	2174265	0.43	cps
Iron	56-2	4145	4651	4201	4332	6.40	cps
Iron	57-2	117	150	172	146	19.11	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:23:49	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	971	1101	771	948	17.56	cps
Krypton	83-1	570	593	557	573	3.24	cps
Lead	206-1	622	678	683	661	5.11	cps
Lead	207-1	578	539	472	530	10.08	cps
Lead	208-1	2633	2650	2495	2593	3.29	cps
Lithium	6-1	2567088	2576527	2568730	2570782	0.20	cps
Magnesium	24-2	150	167	208	175	17.17	cps
Manganese	55-2	67	50	43	53	22.54	cps
Molybdenum	94-1	225	183	217	208	10.58	cps
Molybdenum	95-1	8	8	17	11	43.34	cps
Molybdenum	96-1	75	67	50	64	19.92	cps
Molybdenum	97-1	17	8	0	8	100.02	cps
Molybdenum	98-1	8	17	25	17	50.01	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	303	307	353	321	8.71	cps
Phosphorus	31-2	475	517	542	511	6.59	cps
Potassium	39-2	36378	36445	36496	36440	0.16	cps
Rhodium	103-1	6466178	6467573	6586406	6506719	1.06	cps
Rhodium	103-2	3819867	3815084	3808469	3814473	0.15	cps
Scandium	45-1	3962600	3962263	3981170	3968678	0.27	cps
Scandium	45-2	316768	311975	313613	314118	0.78	cps
Selenium	82-1	18	-4	-10	1	1263.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	135	93	106	23.68	cps
Silicon	28-1	186033	186109	186162	186101	0.03	cps
Silver	107-1	142	92	117	117	21.43	cps
Silver	109-1	42	17	8	22	78.07	cps
Sodium	23-2	9904	9737	10237	9959	2.56	cps
Strontium	86-1	1017	1017	1017	1017	0.00	cps
Strontium	88-1	75	67	100	81	21.53	cps
Sulfur	34-1	356565	352874	351863	353767	0.70	cps
Terbium	159-1	10205074	10167173	10151578	10174609	0.27	cps
Terbium	159-2	6282128	6199201	6244737	6242022	0.67	cps
Thallium	203-1	83	92	108	94	13.48	cps
Thallium	205-1	242	367	283	297	21.41	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:23:49	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	172	167	165	5.15	cps
Tin	118-1	633	700	625	653	6.30	cps
Titanium	47-1	58	33	25	39	44.62	cps
Uranium	238-1	8	8	33	17	86.62	cps
Vanadium	51-2	7	0	7	4	86.60	cps
Yttrium	89-1	11352240	11297710	11232518	11294156	0.53	cps
Yttrium	89-2	2555084	2541225	2543201	2546503	0.29	cps
Zinc	66-2	297	330	403	343	15.89	cps
Zirconium	90-1	583	533	675	597	12.03	cps
Zirconium	91-1	142	108	125	125	13.33	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:30:02 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3259	3350	3334	3314	1.47	cps
Antimony	121-1	15325	15317	15409	15350	0.33	cps
Arsenic	75-2	369	344	341	351	4.29	cps
Barium	135-1	18621	18671	18646	18646	0.13	cps
Barium	137-1	32981	31829	33240	32683	2.30	cps
Beryllium	9-1	1650	1656	1961	1756	10.14	cps
Bismuth	209-1	6897380	7331807	7249427	7159538	3.22	cps
Bismuth	209-2	4878628	4882770	4901816	4887738	0.25	cps
Boron	10-1	5293	6035	5676	5668	6.55	cps
Boron	11-1	25247	27167	26332	26248	3.67	cps
Bromine	81-1	6952	7135	7827	7305	6.32	cps
Bromine	81-2	40	60	60	53	21.65	cps
Cadmium	111-1	7930	7579	7611	7707	2.51	cps
Cadmium	106-1	5243	4976	4851	5023	3.98	cps
Cadmium	108-1	208	213	183	201	7.83	cps
Calcium	43-1	10913	10813	10421	10715	2.43	cps
Calcium	44-1	171198	175007	175849	174018	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7038	7352	7085	7158	2.36	cps
Cobalt	59-2	5284	4988	4901	5058	3.98	cps
Copper	63-2	7749	7575	7759	7694	1.34	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	50	83	83	72	26.65	cps
Erbium	164-2	50	17	13	27	76.04	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	150	120	190	153	22.90	cps
Holmium	165-1	10044180	10386614	10148741	10193178	1.72	cps
Holmium	165-2	6348983	6595108	6474269	6472787	1.90	cps
Indium	115-1	7160691	7253504	7240816	7218337	0.70	cps
Indium	115-2	2161024	2187479	2178007	2175503	0.62	cps
Iron	56-2	152514	151073	150634	151407	0.65	cps
Iron	57-2	4012	3673	3928	3871	4.56	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:30:02	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9162	9192	9062	9139	0.75	cps
Krypton	83-1	547	567	560	558	1.82	cps
Lead	206-1	8169	7991	8208	8123	1.42	cps
Lead	207-1	7602	7669	7163	7478	3.68	cps
Lead	208-1	33467	33117	33261	33282	0.53	cps
Lithium	6-1	2568291	2614610	2607701	2596867	0.96	cps
Magnesium	24-2	157679	158756	155768	157401	0.96	cps
Manganese	55-2	2380	2314	2347	2347	1.42	cps
Molybdenum	94-1	14349	14658	15309	14772	3.32	cps
Molybdenum	95-1	17970	18003	17720	17898	0.87	cps
Molybdenum	96-1	19514	20707	20816	20345	3.55	cps
Molybdenum	97-1	11121	11747	11680	11516	2.98	cps
Molybdenum	98-1	29297	29164	29573	29345	0.71	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1523	1523	1600	1549	2.86	cps
Phosphorus	31-2	433	658	608	567	20.85	cps
Potassium	39-2	184627	187192	184745	185521	0.78	cps
Rhodium	103-1	6359965	6569663	6513719	6481116	1.68	cps
Rhodium	103-2	3780369	3807711	3825444	3804508	0.60	cps
Scandium	45-1	3838211	3944599	3925775	3902862	1.45	cps
Scandium	45-2	314382	319468	312877	315576	1.09	cps
Selenium	82-1	611	642	684	646	5.68	cps
Selenium	77-2	60	53	47	53	12.50	cps
Selenium	78-2	257	306	270	278	8.97	cps
Silicon	28-1	226303	227793	231413	228503	1.15	cps
Silver	107-1	9445	9537	9695	9559	1.32	cps
Silver	109-1	8911	9378	9895	9395	5.24	cps
Sodium	23-2	276402	281241	275190	277611	1.15	cps
Strontium	86-1	3225	3442	3142	3270	4.74	cps
Strontium	88-1	21400	21817	21725	21647	1.01	cps
Sulfur	34-1	354774	357241	356989	356335	0.38	cps
Terbium	159-1	10001335	10332213	10311070	10214873	1.81	cps
Terbium	159-2	6221123	6293713	6363006	6292614	1.13	cps
Thallium	203-1	9804	9070	9153	9342	4.30	cps
Thallium	205-1	22687	22595	22211	22497	1.12	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:30:02	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	139	150	106	131	17.59	cps
Tin	118-1	32797	33382	33891	33357	1.64	cps
Titanium	47-1	4851	4559	4701	4704	3.10	cps
Uranium	238-1	32290	31865	32199	32118	0.70	cps
Vanadium	51-2	13016	13076	13263	13118	0.98	cps
Yttrium	89-1	11170538	11397282	11203631	11257150	1.09	cps
Yttrium	89-2	2556131	2554784	2559282	2556732	0.09	cps
Zinc	66-2	1767	1723	1777	1756	1.61	cps
Zirconium	90-1	11313	12414	12222	11983	4.91	cps
Zirconium	91-1	2792	3084	2509	2795	10.29	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:33:07	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156510	156467	155365	156114	0.42	cps
Antimony	121-1	396284	402159	398604	399016	0.74	cps
Arsenic	75-2	17088	16767	16919	16925	0.95	cps
Barium	135-1	481531	485567	483979	483692	0.42	cps
Barium	137-1	838416	844217	843672	842102	0.38	cps
Beryllium	9-1	86617	87930	87645	87398	0.79	cps
Bismuth	209-1	7493371	7465947	7435984	7465101	0.38	cps
Bismuth	209-2	4860546	4877817	4887037	4875133	0.28	cps
Boron	10-1	11221	11496	11855	11524	2.76	cps
Boron	11-1	51329	54181	56682	54064	4.95	cps
Bromine	81-1	7177	6543	7502	7074	6.89	cps
Bromine	81-2	10	30	70	37	83.32	cps
Cadmium	111-1	167253	167712	166986	167317	0.22	cps
Cadmium	106-1	16602	17269	16785	16885	2.04	cps
Cadmium	108-1	8382	8728	8298	8469	2.69	cps
Calcium	43-1	114296	115388	113012	114232	1.04	cps
Calcium	44-1	1818845	1803694	1789768	1804102	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156493	156756	158094	157114	0.55	cps
Cobalt	59-2	247349	244863	245421	245877	0.53	cps
Copper	63-2	1725474	1719743	1728595	1724604	0.26	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	23	33	23	27	21.65	cps
Erbium	164-1	92	67	50	69	30.20	cps
Erbium	164-2	53	43	57	51	13.58	cps
Gadolinium	160-1	125	67	117	103	30.69	cps
Gadolinium	160-2	160	133	130	141	11.65	cps
Holmium	165-1	10521918	10533584	10582023	10545842	0.30	cps
Holmium	165-2	6406375	6441436	6467382	6438398	0.48	cps
Indium	115-1	7262269	7397000	7353623	7337631	0.94	cps
Indium	115-2	2139589	2142760	2147989	2143446	0.20	cps
Iron	56-2	7223268	7165265	7061696	7150076	1.14	cps
Iron	57-2	178902	182680	180072	180551	1.07	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:33:07 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	399536	405506	407477	404173	1.02	cps
Krypton	83-1	570	550	627	582	6.83	cps
Lead	206-1	1978851	1983948	1993738	1985512	0.38	cps
Lead	207-1	1726311	1733475	1731823	1730536	0.22	cps
Lead	208-1	7937114	7954670	7976469	7956084	0.25	cps
Lithium	6-1	2633620	2636629	2638561	2636270	0.09	cps
Magnesium	24-2	1614110	1605865	1620140	1613372	0.44	cps
Manganese	55-2	1122158	1125594	1121154	1122969	0.21	cps
Molybdenum	94-1	765341	763440	754696	761159	0.75	cps
Molybdenum	95-1	932794	932988	920729	928837	0.76	cps
Molybdenum	96-1	1027488	1034207	1026771	1029489	0.40	cps
Molybdenum	97-1	583073	580022	582468	581855	0.28	cps
Molybdenum	98-1	1508344	1510456	1503149	1507316	0.25	cps
Neodymium	150-1	67	80	47	64	26.03	cps
Neodymium	150-2	7	20	33	20	66.65	cps
Nickel	60-2	64273	62891	63333	63499	1.11	cps
Phosphorus	31-2	8186	7535	7494	7738	5.01	cps
Potassium	39-2	800262	809931	816463	808885	1.01	cps
Rhodium	103-1	6591068	6556495	6552962	6566842	0.32	cps
Rhodium	103-2	3745579	3762850	3775438	3761289	0.40	cps
Scandium	45-1	4017038	3980326	3956113	3984492	0.77	cps
Scandium	45-2	306831	308366	313721	309639	1.17	cps
Selenium	82-1	6579	6762	6644	6662	1.39	cps
Selenium	77-2	597	523	497	539	9.61	cps
Selenium	78-2	1891	1906	2017	1938	3.55	cps
Silicon	28-1	428318	428484	433181	429994	0.64	cps
Silver	107-1	508940	514861	514483	512761	0.65	cps
Silver	109-1	494212	490835	488988	491345	0.54	cps
Sodium	23-2	2720538	2688183	2707209	2705310	0.60	cps
Strontium	86-1	1170932	1169844	1164194	1168323	0.31	cps
Strontium	88-1	10317723	10354631	10228792	10300382	0.63	cps
Sulfur	34-1	401853	402448	395777	400026	0.92	cps
Terbium	159-1	10475707	10583543	10568953	10542734	0.55	cps
Terbium	159-2	6259224	6245454	6262016	6255565	0.14	cps
Thallium	203-1	485522	482119	485080	484240	0.38	cps
Thallium	205-1	1167240	1173807	1173982	1171676	0.33	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:33:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1715847	1713193	1715565	1714868	0.08	cps
Tin	118-1	338706	347679	344603	343663	1.33	cps
Titanium	47-1	243654	244051	241649	243118	0.53	cps
Uranium	238-1	1688392	1671237	1678442	1679357	0.51	cps
Vanadium	51-2	128567	128449	129741	128919	0.55	cps
Yttrium	89-1	11510109	11407488	11408677	11442091	0.51	cps
Yttrium	89-2	2529006	2511572	2524762	2521780	0.36	cps
Zinc	66-2	297276	293552	295074	295301	0.63	cps
Zirconium	90-1	635414	635950	626475	632613	0.84	cps
Zirconium	91-1	142056	142586	139068	141237	1.34	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:36:13 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373610	378109	373385	375034	0.71	cps
Antimony	121-1	972524	978916	981282	977574	0.46	cps
Arsenic	75-2	41394	41659	41739	41597	0.43	cps
Barium	135-1	1176742	1178615	1184928	1180095	0.36	cps
Barium	137-1	2071300	2057345	2059398	2062681	0.37	cps
Beryllium	9-1	212507	211786	209613	211302	0.71	cps
Bismuth	209-1	7402874	7411822	7450670	7421789	0.34	cps
Bismuth	209-2	4841774	4843251	4865320	4850115	0.27	cps
Boron	10-1	26582	28310	28218	27704	3.51	cps
Boron	11-1	119770	127651	126137	124520	3.36	cps
Bromine	81-1	6985	6418	6360	6588	5.24	cps
Bromine	81-2	50	70	50	57	20.38	cps
Cadmium	111-1	402072	401749	403908	402577	0.29	cps
Cadmium	106-1	34025	33298	34476	33933	1.75	cps
Cadmium	108-1	20169	20018	19918	20035	0.63	cps
Calcium	43-1	273248	276921	271509	273893	1.01	cps
Calcium	44-1	4353191	4340893	4303709	4332598	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	375097	382360	374197	377218	1.19	cps
Cobalt	59-2	591711	590093	587630	589811	0.35	cps
Copper	63-2	4129080	4156872	4102278	4129410	0.66	cps
Dysprosium	156-1	67	117	75	86	31.11	cps
Dysprosium	156-2	107	50	50	69	47.49	cps
Erbium	164-1	100	67	83	83	20.00	cps
Erbium	164-2	53	50	40	48	14.52	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	173	200	147	173	15.38	cps
Holmium	165-1	10493237	10403651	10500015	10465634	0.51	cps
Holmium	165-2	6372123	6365611	6507449	6415061	1.25	cps
Indium	115-1	7236905	7292695	7245121	7258241	0.41	cps
Indium	115-2	2081818	2123328	2101646	2102264	0.99	cps
Iron	56-2	17377171	17340586	17326181	17347979	0.15	cps
Iron	57-2	436379	436591	429740	434237	0.90	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:36:13	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	969592	976562	971180	972445	0.38	cps
Krypton	83-1	537	500	497	511	4.34	cps
Lead	206-1	4960069	4954491	4951045	4955201	0.09	cps
Lead	207-1	4310203	4359662	4338188	4336018	0.57	cps
Lead	208-1	20195957	20334662	20362396	20297671	0.44	cps
Lithium	6-1	2577486	2577047	2575488	2576674	0.04	cps
Magnesium	24-2	3875191	3885198	3862723	3874371	0.29	cps
Manganese	55-2	2705543	2721669	2689585	2705599	0.59	cps
Molybdenum	94-1	1867477	1863795	1850954	1860742	0.47	cps
Molybdenum	95-1	2265265	2264726	2272009	2267333	0.18	cps
Molybdenum	96-1	2509698	2545554	2505079	2520111	0.88	cps
Molybdenum	97-1	1416190	1422758	1420409	1419786	0.23	cps
Molybdenum	98-1	3692220	3660911	3685445	3679525	0.45	cps
Neodymium	150-1	133	113	187	144	26.24	cps
Neodymium	150-2	37	30	27	31	16.37	cps
Nickel	60-2	151263	150914	148779	150318	0.89	cps
Phosphorus	31-2	17335	18445	18479	18086	3.60	cps
Potassium	39-2	1877852	1902325	1896410	1892195	0.67	cps
Rhodium	103-1	6443827	6422281	6360519	6408875	0.67	cps
Rhodium	103-2	3642739	3693341	3643395	3659825	0.79	cps
Scandium	45-1	3887799	3878720	3871795	3879438	0.21	cps
Scandium	45-2	300471	304180	301818	302156	0.62	cps
Selenium	82-1	16110	16198	16057	16122	0.44	cps
Selenium	77-2	1177	1207	1237	1207	2.49	cps
Selenium	78-2	4347	4504	4421	4424	1.78	cps
Silicon	28-1	749036	763320	759647	757334	0.98	cps
Silver	107-1	1240221	1250365	1243851	1244812	0.41	cps
Silver	109-1	1198398	1188099	1187749	1191415	0.51	cps
Sodium	23-2	6575066	6635383	6594438	6601629	0.47	cps
Strontium	86-1	2849144	2861317	2846110	2852190	0.28	cps
Strontium	88-1	25293099	25046046	25127313	25155486	0.50	cps
Sulfur	34-1	431864	426474	425882	428073	0.77	cps
Terbium	159-1	10455860	10472702	10441401	10456654	0.15	cps
Terbium	159-2	6156001	6245718	6225018	6208912	0.76	cps
Thallium	203-1	1207256	1192435	1193427	1197706	0.69	cps
Thallium	205-1	2923630	2906541	2909240	2913137	0.32	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:36:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4328834	4322216	4304334	4318461	0.29	cps
Tin	118-1	830111	848857	839572	839514	1.12	cps
Titanium	47-1	589438	584388	586716	586847	0.43	cps
Uranium	238-1	4227232	4214962	4189387	4210527	0.46	cps
Vanadium	51-2	309102	312230	307494	309609	0.78	cps
Yttrium	89-1	11185682	11247809	11247728	11227073	0.32	cps
Yttrium	89-2	2450024	2487252	2474375	2470550	0.77	cps
Zinc	66-2	706848	705493	706156	706165	0.10	cps
Zirconium	90-1	1549970	1546210	1540917	1545699	0.29	cps
Zirconium	91-1	349969	346130	342779	346293	1.04	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:39:16 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	697990	687114	673063	686056	1.82	cps
Antimony	121-1	1894573	1889828	1892446	1892282	0.13	cps
Arsenic	75-2	75805	76034	75462	75767	0.38	cps
Barium	135-1	2278631	2256397	2256942	2263990	0.56	cps
Barium	137-1	4001828	3964934	3963772	3976844	0.54	cps
Beryllium	9-1	395994	397387	395357	396246	0.26	cps
Bismuth	209-1	6936616	7058968	7311385	7102323	2.69	cps
Bismuth	209-2	4668988	4628141	4651916	4649682	0.44	cps
Boron	10-1	50526	52132	51772	51477	1.64	cps
Boron	11-1	233290	236119	238281	235897	1.06	cps
Bromine	81-1	6635	6493	5843	6324	6.68	cps
Bromine	81-2	110	40	30	60	72.65	cps
Cadmium	111-1	762045	758956	753737	758246	0.55	cps
Cadmium	106-1	60002	60261	60579	60281	0.48	cps
Cadmium	108-1	39162	38147	38698	38669	1.31	cps
Calcium	43-1	514295	504122	505259	507892	1.10	cps
Calcium	44-1	7967406	7642060	7652836	7754101	2.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	686807	681207	676341	681452	0.77	cps
Cobalt	59-2	1078260	1074996	1062010	1071755	0.80	cps
Copper	63-2	7809207	7579306	7641516	7676676	1.55	cps
Dysprosium	156-1	158	183	192	178	9.76	cps
Dysprosium	156-2	163	110	87	120	32.75	cps
Erbium	164-1	75	117	100	97	21.57	cps
Erbium	164-2	67	53	60	60	11.12	cps
Gadolinium	160-1	150	175	183	169	10.24	cps
Gadolinium	160-2	217	223	210	217	3.08	cps
Holmium	165-1	10258838	10362017	10214069	10278308	0.74	cps
Holmium	165-2	6172808	6187752	6163129	6174563	0.20	cps
Indium	115-1	6988013	6936581	6910336	6944977	0.57	cps
Indium	115-2	1975638	1960289	1959079	1965002	0.47	cps
Iron	56-2	31620785	31539653	31373179	31511206	0.40	cps
Iron	57-2	797453	800348	791709	796503	0.55	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:39:16 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1789250	1768806	1752829	1770295	1.03	cps
Krypton	83-1	553	567	480	533	8.75	cps
Lead	206-1	10025641	10172221	10143115	10113659	0.77	cps
Lead	207-1	8806347	8992117	8751992	8850152	1.42	cps
Lead	208-1	40023541	40940804	40264069	40409471	1.18	cps
Lithium	6-1	2471793	2438215	2440216	2450074	0.77	cps
Magnesium	24-2	7233795	7093115	7045530	7124147	1.37	cps
Manganese	55-2	5018915	4981848	4931923	4977562	0.88	cps
Molybdenum	94-1	3544569	3517182	3478997	3513583	0.94	cps
Molybdenum	95-1	4375580	4285212	4267672	4309488	1.34	cps
Molybdenum	96-1	4839188	4750689	4759436	4783104	1.02	cps
Molybdenum	97-1	2717222	2667273	2670088	2684861	1.05	cps
Molybdenum	98-1	6999861	6977713	6949484	6975686	0.36	cps
Neodymium	150-1	153	260	307	240	32.75	cps
Neodymium	150-2	90	50	93	78	31.00	cps
Nickel	60-2	273800	274753	270989	273181	0.72	cps
Phosphorus	31-2	33096	31701	31693	32163	2.51	cps
Potassium	39-2	3411435	3399200	3348743	3386459	0.98	cps
Rhodium	103-1	5964535	5970745	5881786	5939022	0.84	cps
Rhodium	103-2	3421515	3413507	3407019	3414014	0.21	cps
Scandium	45-1	3692390	3610737	3588817	3630648	1.50	cps
Scandium	45-2	279913	277770	275462	277715	0.80	cps
Selenium	82-1	30591	30313	30085	30330	0.83	cps
Selenium	77-2	2344	2390	2360	2365	1.00	cps
Selenium	78-2	8102	8102	7756	7987	2.50	cps
Silicon	28-1	1251040	1269788	1281740	1267523	1.22	cps
Silver	107-1	2364977	2353574	2324085	2347545	0.90	cps
Silver	109-1	2284830	2251132	2244744	2260235	0.95	cps
Sodium	23-2	12291558	11980544	11929618	12067240	1.62	cps
Strontium	86-1	5446546	5408431	5356195	5403724	0.84	cps
Strontium	88-1	48060692	47701793	47261132	47674539	0.84	cps
Sulfur	34-1	496915	483017	481114	487015	1.77	cps
Terbium	159-1	10231550	10181809	10095398	10169586	0.68	cps
Terbium	159-2	5963831	5978742	6005031	5982535	0.35	cps
Thallium	203-1	2336513	2347370	2326832	2336905	0.44	cps
Thallium	205-1	5713948	5719394	5714857	5716066	0.05	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:39:16	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8836595	8997369	8785004	8872989	1.25	cps
Tin	118-1	1614066	1605813	1593663	1604514	0.64	cps
Titanium	47-1	1112969	1089510	1086121	1096200	1.33	cps
Uranium	238-1	8506696	8569912	8510101	8528903	0.42	cps
Vanadium	51-2	569401	560986	556342	562243	1.18	cps
Yttrium	89-1	10792609	10579346	10580096	10650683	1.15	cps
Yttrium	89-2	2319463	2301548	2285738	2302250	0.73	cps
Zinc	66-2	1299817	1303096	1283174	1295362	0.82	cps
Zirconium	90-1	2975015	2911877	2905940	2930944	1.31	cps
Zirconium	91-1	662594	650161	656615	656456	0.95	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:42:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1266850	1270523	1260341	1265905	0.41	cps
Antimony	121-1	3548852	3531460	3516430	3532247	0.46	cps
Arsenic	75-2	140253	141706	141167	141042	0.52	cps
Barium	135-1	4263513	4261747	4274697	4266653	0.16	cps
Barium	137-1	7542589	7684732	7618637	7615320	0.93	cps
Beryllium	9-1	713628	717835	708414	713293	0.66	cps
Bismuth	209-1	7184407	6875659	6773006	6944357	3.08	cps
Bismuth	209-2	4449472	4463356	4483800	4465543	0.39	cps
Boron	10-1	89858	95299	96548	93901	3.79	cps
Boron	11-1	414361	436741	437567	429556	3.07	cps
Bromine	81-1	5810	5726	5643	5726	1.46	cps
Bromine	81-2	10	0	30	13	114.56	cps
Cadmium	111-1	1392592	1404224	1391280	1396032	0.51	cps
Cadmium	106-1	106220	107203	106295	106573	0.51	cps
Cadmium	108-1	70499	71390	69699	70529	1.20	cps
Calcium	43-1	931052	930513	915286	925617	0.97	cps
Calcium	44-1	14106416	14275369	14106163	14162649	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1259469	1265550	1261508	1262176	0.25	cps
Cobalt	59-2	1982121	1992861	1981892	1985625	0.32	cps
Copper	63-2	13979153	14111331	14030310	14040265	0.47	cps
Dysprosium	156-1	292	233	308	278	14.18	cps
Dysprosium	156-2	243	230	207	227	8.19	cps
Erbium	164-1	142	158	158	153	6.30	cps
Erbium	164-2	110	113	97	107	8.27	cps
Gadolinium	160-1	267	433	333	344	24.36	cps
Gadolinium	160-2	270	270	257	266	2.90	cps
Holmium	165-1	10210905	10003119	9821257	10011760	1.95	cps
Holmium	165-2	5952038	5963959	5928014	5948004	0.31	cps
Indium	115-1	6795775	6568724	6455394	6606631	2.62	cps
Indium	115-2	1838540	1849556	1839896	1842664	0.33	cps
Iron	56-2	58862333	59383333	58531010	58925559	0.73	cps
Iron	57-2	1484684	1488406	1476986	1483359	0.39	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:42:18 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3290186	3319573	3278469	3296076	0.64	cps
Krypton	83-1	480	483	553	506	8.19	cps
Lead	206-1	19224126	19399552	19417550	19347076	0.55	cps
Lead	207-1	16901616	17323029	16932610	17052418	1.38	cps
Lead	208-1	76782573	78376366	77789905	77649615	1.04	cps
Lithium	6-1	2321194	2259248	2223232	2267891	2.18	cps
Magnesium	24-2	13324135	13282702	13319124	13308654	0.17	cps
Manganese	55-2	9322725	9367268	9221274	9303756	0.80	cps
Molybdenum	94-1	6626289	6604521	6608660	6613157	0.17	cps
Molybdenum	95-1	8140585	8022833	7924955	8029458	1.34	cps
Molybdenum	96-1	8915937	8935349	8820267	8890518	0.69	cps
Molybdenum	97-1	5007294	4963456	4945367	4972039	0.64	cps
Molybdenum	98-1	13077351	12968669	12851716	12965912	0.87	cps
Neodymium	150-1	580	453	467	500	13.92	cps
Neodymium	150-2	137	130	123	130	5.13	cps
Nickel	60-2	500808	502588	499351	500916	0.32	cps
Phosphorus	31-2	60531	60615	58205	59784	2.29	cps
Potassium	39-2	5977727	6003578	5929180	5970162	0.63	cps
Rhodium	103-1	5636406	5452217	5426467	5505030	2.08	cps
Rhodium	103-2	3168383	3176502	3168920	3171269	0.14	cps
Scandium	45-1	3451699	3351987	3315187	3372958	2.09	cps
Scandium	45-2	260059	260273	256509	258947	0.82	cps
Selenium	82-1	55634	55879	54753	55422	1.07	cps
Selenium	77-2	4427	4134	4357	4306	3.56	cps
Selenium	78-2	14802	14813	14778	14798	0.12	cps
Silicon	28-1	2057496	2109144	2170057	2112232	2.67	cps
Silver	107-1	4278817	4297966	4280239	4285674	0.25	cps
Silver	109-1	4042343	4144836	4099516	4095565	1.25	cps
Sodium	23-2	22498739	22439925	22398727	22445797	0.22	cps
Strontium	86-1	10192016	10271035	10238077	10233709	0.39	cps
Strontium	88-1	88387206	88767987	88992542	88715912	0.34	cps
Sulfur	34-1	592179	585905	579930	586005	1.05	cps
Terbium	159-1	10226649	9866844	9827084	9973526	2.21	cps
Terbium	159-2	5736796	5795422	5780308	5770842	0.53	cps
Thallium	203-1	4497237	4569584	4561036	4542619	0.87	cps
Thallium	205-1	11190726	11139792	11253302	11194607	0.51	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:42:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17139234	17585758	17620808	17448600	1.54	cps
Tin	118-1	3005082	3007218	2989347	3000549	0.33	cps
Titanium	47-1	1997440	1979062	1982011	1986171	0.50	cps
Uranium	238-1	16648446	16950478	16747639	16782188	0.92	cps
Vanadium	51-2	1046913	1046251	1043826	1045664	0.16	cps
Yttrium	89-1	10349732	10048031	9926125	10107963	2.16	cps
Yttrium	89-2	2166726	2166475	2166463	2166554	0.01	cps
Zinc	66-2	2366868	2384810	2380074	2377251	0.39	cps
Zirconium	90-1	5570676	5504789	5455006	5510157	1.05	cps
Zirconium	91-1	1218412	1209641	1211113	1213056	0.39	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:45:15 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2473671	2458620	2419196	2450495	1.15	cps
Antimony	121-1	7045448	7179185	7183063	7135899	1.10	cps
Arsenic	75-2	276666	274889	274621	275392	0.40	cps
Barium	135-1	8518552	8681774	8676739	8625688	1.08	cps
Barium	137-1	14887568	15047850	15050518	14995312	0.62	cps
Beryllium	9-1	1347938	1346115	1360259	1351438	0.57	cps
Bismuth	209-1	6608160	6655045	6626102	6629769	0.36	cps
Bismuth	209-2	4268454	4314063	4269567	4284028	0.61	cps
Boron	10-1	176864	181837	184155	180952	2.06	cps
Boron	11-1	802300	835627	847728	828552	2.84	cps
Bromine	81-1	5376	5218	5334	5309	1.55	cps
Bromine	81-2	90	80	30	67	48.22	cps
Cadmium	111-1	2668618	2709321	2699240	2692393	0.79	cps
Cadmium	106-1	201275	200887	202771	201645	0.49	cps
Cadmium	108-1	134335	138151	135530	136005	1.43	cps
Calcium	43-1	1787014	1793198	1799235	1793149	0.34	cps
Calcium	44-1	27188156	27589399	27336262	27371272	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2498952	2481264	2445984	2475400	1.09	cps
Cobalt	59-2	3836138	3836425	3814260	3828941	0.33	cps
Copper	63-2	27122269	27211914	26984670	27106284	0.42	cps
Dysprosium	156-1	458	458	417	444	5.41	cps
Dysprosium	156-2	343	403	360	369	8.40	cps
Erbium	164-1	208	175	150	178	16.46	cps
Erbium	164-2	90	87	77	84	8.22	cps
Gadolinium	160-1	475	433	375	428	11.74	cps
Gadolinium	160-2	367	430	350	382	11.04	cps
Holmium	165-1	9949795	9906896	9736542	9864411	1.14	cps
Holmium	165-2	5821400	5851194	5787118	5819904	0.55	cps
Indium	115-1	6101365	6288792	6047153	6145770	2.06	cps
Indium	115-2	1751796	1752916	1732633	1745782	0.65	cps
Iron	56-2	116997942	116110800	114093622	115734121	1.29	cps
Iron	57-2	2918339	2890976	2867618	2892311	0.88	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:45:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6355439	6291538	6269921	6305632	0.71	cps
Krypton	83-1	460	433	507	467	7.95	cps
Lead	206-1	37901193	39463373	38898715	38754427	2.04	cps
Lead	207-1	33782349	34310654	33992844	34028616	0.78	cps
Lead	208-1	153605560	157098920	156658644	155787708	1.22	cps
Lithium	6-1	2139010	2127653	2115097	2127253	0.56	cps
Magnesium	24-2	26135444	25794018	25549659	25826374	1.14	cps
Manganese	55-2	18583759	18202051	18011637	18265816	1.60	cps
Molybdenum	94-1	12791288	13038804	12852057	12894050	1.00	cps
Molybdenum	95-1	15520310	15878187	15813943	15737480	1.21	cps
Molybdenum	96-1	17394608	17400927	17554835	17450123	0.52	cps
Molybdenum	97-1	9890635	9844666	9781112	9838804	0.56	cps
Molybdenum	98-1	25362235	25663923	25380055	25468738	0.66	cps
Neodymium	150-1	733	693	680	702	3.95	cps
Neodymium	150-2	113	117	153	128	17.37	cps
Nickel	60-2	964939	962157	954488	960528	0.56	cps
Phosphorus	31-2	116400	114645	112865	114637	1.54	cps
Potassium	39-2	11580931	11761018	11380786	11574245	1.64	cps
Rhodium	103-1	5204618	5194317	5150506	5183147	0.55	cps
Rhodium	103-2	3036487	3027626	3003949	3022687	0.56	cps
Scandium	45-1	3233020	3194635	3165011	3197555	1.07	cps
Scandium	45-2	250797	249855	245053	248569	1.24	cps
Selenium	82-1	105111	107166	105574	105950	1.02	cps
Selenium	77-2	8359	8362	8359	8360	0.02	cps
Selenium	78-2	28194	28181	28201	28192	0.04	cps
Silicon	28-1	3577163	3617873	3651911	3615649	1.04	cps
Silver	107-1	8317859	8388837	8327786	8344827	0.46	cps
Silver	109-1	7978530	8095835	8003284	8025883	0.77	cps
Sodium	23-2	43948671	43769270	43460635	43726192	0.56	cps
Strontium	86-1	19987665	20094488	20045834	20042662	0.27	cps
Strontium	88-1	172455396	177810462	176279358	175515072	1.57	cps
Sulfur	34-1	841483	850705	845416	845868	0.55	cps
Terbium	159-1	9747291	9804448	9702545	9751428	0.52	cps
Terbium	159-2	5586049	5629407	5581000	5598818	0.48	cps
Thallium	203-1	9084298	9403205	9197608	9228370	1.75	cps
Thallium	205-1	22156792	22841235	22489984	22496004	1.52	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:45:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	34915397	35252613	35534802	35234271	0.88	cps
Tin	118-1	5846183	5948353	5929042	5907859	0.92	cps
Titanium	47-1	3852573	3863826	3887364	3867921	0.46	cps
Uranium	238-1	33476366	34414575	34443205	34111382	1.61	cps
Vanadium	51-2	2074465	2062109	2035363	2057312	0.97	cps
Yttrium	89-1	9888222	9853923	9731136	9824427	0.84	cps
Yttrium	89-2	2106120	2092052	2076220	2091464	0.72	cps
Zinc	66-2	4653942	4663087	4601613	4639547	0.71	cps
Zirconium	90-1	10859944	10823557	10686665	10790055	0.85	cps
Zirconium	91-1	2372551	2383515	2364578	2373548	0.40	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 08:48:13 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13532224	13714945	14192964	13813378	2.47	cps
Antimony	121-1	4042	4192	4192	4142	2.09	cps
Arsenic	75-2	141	111	124	125	11.85	cps
Barium	135-1	3401	3292	3159	3284	3.69	cps
Barium	137-1	6026	5743	6026	5932	2.76	cps
Beryllium	9-1	244	233	167	215	19.58	cps
Bismuth	209-1	6059699	6066784	6115486	6080656	0.50	cps
Bismuth	209-2	4060811	4090573	4026324	4059236	0.79	cps
Boron	10-1	7577	6101	5901	6527	14.02	cps
Boron	11-1	33488	30005	27033	30175	10.71	cps
Bromine	81-1	5660	5468	5968	5699	4.43	cps
Bromine	81-2	110	70	60	80	33.07	cps
Cadmium	111-1	4374	4592	5009	4658	6.92	cps
Cadmium	106-1	4201	4409	4809	4473	6.91	cps
Cadmium	108-1	258	225	246	243	6.93	cps
Calcium	43-1	8533676	8828571	8936980	8766409	2.38	cps
Calcium	44-1	136972466	140611174	143016807	140200149	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9163	9486	9567	9405	2.27	cps
Cobalt	59-2	11121	11048	10831	11000	1.37	cps
Copper	63-2	7609	7822	8126	7852	3.31	cps
Dysprosium	156-1	1317	1442	1367	1375	4.58	cps
Dysprosium	156-2	870	967	1003	947	7.28	cps
Erbium	164-1	267	333	283	294	11.78	cps
Erbium	164-2	190	237	163	197	18.87	cps
Gadolinium	160-1	1425	1508	1700	1545	9.13	cps
Gadolinium	160-2	1143	1267	1130	1180	6.39	cps
Holmium	165-1	9630151	9829931	9903979	9788020	1.45	cps
Holmium	165-2	5985197	6052288	5963579	6000355	0.77	cps
Indium	115-1	5943548	6034888	6093185	6023874	1.25	cps
Indium	115-2	1872304	1913008	1888731	1891348	1.08	cps
Iron	56-2	617073347	620615725	634251103	623980058	1.45	cps
Iron	57-2	15656371	15902489	16065107	15874656	1.30	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:48:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33248915	33804412	34338237	33797188	1.61	cps
Krypton	83-1	507	453	507	489	6.30	cps
Lead	206-1	11850	11917	11322	11696	2.79	cps
Lead	207-1	10582	9976	10237	10265	2.96	cps
Lead	208-1	46114	47006	46182	46434	1.07	cps
Lithium	6-1	2100846	2103484	2166793	2123708	1.76	cps
Magnesium	24-2	142947887	146550932	148570357	146023059	1.95	cps
Manganese	55-2	18321	18105	18538	18321	1.18	cps
Molybdenum	94-1	3659	3984	3701	3781	4.68	cps
Molybdenum	95-1	4184	4009	4167	4120	2.35	cps
Molybdenum	96-1	5576	5543	5460	5526	1.09	cps
Molybdenum	97-1	2750	2742	2275	2589	10.50	cps
Molybdenum	98-1	6543	6443	6343	6443	1.55	cps
Neodymium	150-1	13	53	47	38	56.73	cps
Neodymium	150-2	27	7	13	16	65.47	cps
Nickel	60-2	4501	4377	4601	4493	2.49	cps
Phosphorus	31-2	583	433	467	494	15.93	cps
Potassium	39-2	65406079	66196408	67436374	66346287	1.54	cps
Rhodium	103-1	4892965	4982386	5034235	4969862	1.44	cps
Rhodium	103-2	3092029	3140741	3124459	3119077	0.80	cps
Scandium	45-1	3226911	3303590	3327814	3286105	1.60	cps
Scandium	45-2	279539	284485	282797	282274	0.89	cps
Selenium	82-1	1	33	-19	5	533.15	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	70	67	102	80	24.28	cps
Silicon	28-1	265611	285734	290146	280497	4.66	cps
Silver	107-1	2284	2400	1984	2222	9.67	cps
Silver	109-1	1967	1859	2134	1986	6.98	cps
Sodium	23-2	242967480	245416930	249985139	246123183	1.45	cps
Strontium	86-1	9253	8703	8645	8867	3.79	cps
Strontium	88-1	68522	70766	70381	69890	1.72	cps
Sulfur	34-1	275792	286099	283882	281925	1.92	cps
Terbium	159-1	9582322	9710018	9697776	9663372	0.73	cps
Terbium	159-2	5789311	5806078	5762654	5786014	0.38	cps
Thallium	203-1	3634	3100	2859	3198	12.40	cps
Thallium	205-1	9645	7502	6368	7839	21.23	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 08:48:13	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4612	4351	3878	4280	8.69	cps
Tin	118-1	3234	3117	2784	3045	7.67	cps
Titanium	47-1	792	875	883	850	5.96	cps
Uranium	238-1	3909	3901	3601	3803	4.62	cps
Vanadium	51-2	263	323	313	300	10.71	cps
Yttrium	89-1	9683274	9869051	9837637	9796654	1.02	cps
Yttrium	89-2	2324095	2352622	2345317	2340678	0.63	cps
Zinc	66-2	8819	9363	9376	9186	3.46	cps
Zirconium	90-1	2834	3125	3309	3089	7.76	cps
Zirconium	91-1	708	667	708	694	3.46	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:00:24 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76462	79846	79545	78617	2.38	cps
Antimony	121-1	1557538	1562037	1567214	1562263	0.31	cps
Arsenic	75-2	66631	71318	73079	70342	4.74	cps
Barium	135-1	194237	193284	192277	193266	0.51	cps
Barium	137-1	337355	337508	334209	336357	0.55	cps
Beryllium	9-1	174398	173123	174461	173994	0.43	cps
Bismuth	209-1	7385750	7613327	7392366	7463814	1.74	cps
Bismuth	209-2	4876997	4909325	4950779	4912367	0.75	cps
Boron	10-1	567	475	550	531	9.20	cps
Boron	11-1	2200	2050	1850	2034	8.64	cps
Bromine	81-1	7477	7769	7360	7536	2.79	cps
Bromine	81-2	40	50	40	43	13.32	cps
Cadmium	111-1	274409	270753	276627	273930	1.08	cps
Cadmium	106-1	23678	23128	23862	23556	1.62	cps
Cadmium	108-1	14111	13857	14449	14139	2.10	cps
Calcium	43-1	43197	43197	43389	43261	0.26	cps
Calcium	44-1	698313	703219	705201	702244	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305490	319694	326420	317201	3.37	cps
Cobalt	59-2	486596	508057	511729	502128	2.70	cps
Copper	63-2	338411	350401	356547	348453	2.65	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	92	42	142	92	54.54	cps
Erbium	164-2	23	53	37	38	39.79	cps
Gadolinium	160-1	83	50	58	64	27.16	cps
Gadolinium	160-2	170	160	157	162	4.28	cps
Holmium	165-1	10596969	10770957	10452585	10606837	1.50	cps
Holmium	165-2	6583290	6634133	6678896	6632107	0.72	cps
Indium	115-1	7586232	7670568	7509772	7588858	1.06	cps
Indium	115-2	2138656	2222651	2248178	2203162	2.60	cps
Iron	56-2	5575167	5732498	5841041	5716235	2.34	cps
Iron	57-2	138243	142409	146336	142330	2.84	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:00:24 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	312466	327674	332997	324379	3.28	cps
Krypton	83-1	533	577	570	560	4.17	cps
Lead	206-1	1666239	1650012	1647934	1654728	0.61	cps
Lead	207-1	1398170	1399233	1387399	1394934	0.47	cps
Lead	208-1	6513627	6528043	6507875	6516515	0.16	cps
Lithium	6-1	2669101	2740915	2688294	2699437	1.38	cps
Magnesium	24-2	364713	373855	380143	372904	2.08	cps
Manganese	55-2	216424	222039	226896	221786	2.36	cps
Molybdenum	94-1	350	633	500	494	28.67	cps
Molybdenum	95-1	150	258	233	214	26.52	cps
Molybdenum	96-1	408	517	525	483	13.47	cps
Molybdenum	97-1	125	150	83	119	28.19	cps
Molybdenum	98-1	275	258	308	281	9.08	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	126587	131048	131617	129751	2.12	cps
Phosphorus	31-2	400	600	558	519	20.31	cps
Potassium	39-2	604552	641228	663167	636316	4.65	cps
Rhodium	103-1	6845709	6980852	6799758	6875440	1.37	cps
Rhodium	103-2	3762721	3894546	3972718	3876662	2.74	cps
Scandium	45-1	4166554	4276223	4142512	4195097	1.70	cps
Scandium	45-2	311106	327103	333167	323792	3.52	cps
Selenium	82-1	27450	27188	27379	27339	0.50	cps
Selenium	77-2	2237	2230	2227	2231	0.23	cps
Selenium	78-2	7656	7596	7461	7571	1.32	cps
Silicon	28-1	207328	214542	213697	211856	1.86	cps
Silver	107-1	491402	496047	495097	494182	0.50	cps
Silver	109-1	474597	478096	479410	477368	0.52	cps
Sodium	23-2	1052544	1082460	1106381	1080462	2.50	cps
Strontium	86-1	1934	1675	1442	1683	14.61	cps
Strontium	88-1	5776	6001	6160	5979	3.22	cps
Sulfur	34-1	381378	375728	371527	376211	1.31	cps
Terbium	159-1	10622768	10841239	10451240	10638416	1.84	cps
Terbium	159-2	6245151	6361572	6528013	6378245	2.23	cps
Thallium	203-1	1990551	1997877	2006975	1998468	0.41	cps
Thallium	205-1	4820455	4884730	4838038	4847741	0.69	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:00:24	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	261	272	278	270	3.14	cps
Tin	118-1	1342	1317	1258	1306	3.28	cps
Titanium	47-1	92	92	100	94	5.09	cps
Uranium	238-1	100	100	108	103	4.68	cps
Vanadium	51-2	245105	260196	263388	256230	3.81	cps
Yttrium	89-1	11716524	12079260	11760393	11852059	1.67	cps
Yttrium	89-2	2518621	2627180	2684465	2610089	3.23	cps
Zinc	66-2	114219	118035	120371	117542	2.64	cps
Zirconium	90-1	875	1033	833	914	11.55	cps
Zirconium	91-1	500	392	467	453	12.25	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3642	3984	3867	3831	4.53	cps
Antimony	121-1	15501	16418	16260	16060	3.05	cps
Arsenic	75-2	302	341	339	327	6.71	cps
Barium	135-1	18154	18488	18321	18321	0.91	cps
Barium	137-1	31611	32513	32347	32157	1.49	cps
Beryllium	9-1	1833	1695	1967	1832	7.43	cps
Bismuth	209-1	6365760	7197345	6812059	6791722	6.13	cps
Bismuth	209-2	4828774	4815465	4823474	4822571	0.14	cps
Boron	10-1	5193	6101	5643	5646	8.05	cps
Boron	11-1	24261	27267	25197	25575	6.01	cps
Bromine	81-1	7919	7486	7244	7549	4.53	cps
Bromine	81-2	60	80	80	73	15.75	cps
Cadmium	111-1	6915	7278	7613	7269	4.80	cps
Cadmium	106-1	4451	4543	4659	4551	2.30	cps
Cadmium	108-1	225	179	200	201	11.39	cps
Calcium	43-1	10954	10371	11388	10904	4.68	cps
Calcium	44-1	176795	178471	184031	179766	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7505	7118	7275	7300	2.67	cps
Cobalt	59-2	5098	5141	5181	5140	0.81	cps
Copper	63-2	7966	7452	7765	7728	3.35	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	108	75	81	31.60	cps
Erbium	164-2	27	40	37	34	20.14	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	133	170	153	152	12.06	cps
Holmium	165-1	9459817	10030683	10180157	9890219	3.84	cps
Holmium	165-2	6420472	6373100	6582952	6458841	1.70	cps
Indium	115-1	6897749	7301372	7274704	7157942	3.15	cps
Indium	115-2	2204624	2172420	2210596	2195880	0.94	cps
Iron	56-2	157000	153750	155563	155437	1.05	cps
Iron	57-2	4351	3712	3823	3962	8.62	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9813	8832	9262	9303	5.29	cps
Krypton	83-1	450	607	537	531	14.78	cps
Lead	206-1	8386	8225	8447	8353	1.38	cps
Lead	207-1	7319	7363	7147	7276	1.57	cps
Lead	208-1	33395	33818	33573	33595	0.63	cps
Lithium	6-1	2506762	2610432	2608714	2575303	2.31	cps
Magnesium	24-2	165242	162092	159851	162395	1.67	cps
Manganese	55-2	2510	2334	2344	2396	4.14	cps
Molybdenum	94-1	14808	14875	15367	15017	2.03	cps
Molybdenum	95-1	18270	18037	19222	18510	3.39	cps
Molybdenum	96-1	20640	20540	20607	20596	0.25	cps
Molybdenum	97-1	11455	11096	11855	11469	3.31	cps
Molybdenum	98-1	29798	29389	29890	29693	0.90	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1893	1633	1643	1723	8.55	cps
Phosphorus	31-2	483	433	392	436	10.53	cps
Potassium	39-2	197793	187925	192601	192773	2.56	cps
Rhodium	103-1	6258852	6610493	6713619	6527655	3.65	cps
Rhodium	103-2	3886124	3815513	3908154	3869930	1.25	cps
Scandium	45-1	3791239	4027825	4093886	3970983	4.01	cps
Scandium	45-2	332306	318847	329315	326823	2.16	cps
Selenium	82-1	743	612	647	667	10.13	cps
Selenium	77-2	63	63	47	58	16.65	cps
Selenium	78-2	261	257	250	256	2.21	cps
Silicon	28-1	236711	239766	242832	239770	1.28	cps
Silver	107-1	10087	9987	9845	9973	1.22	cps
Silver	109-1	9570	9095	9528	9398	2.80	cps
Sodium	23-2	295212	286307	289994	290504	1.54	cps
Strontium	86-1	3175	3409	3651	3412	6.96	cps
Strontium	88-1	21558	21892	22685	22045	2.62	cps
Sulfur	34-1	380122	381944	383348	381805	0.42	cps
Terbium	159-1	9503525	10199403	10157399	9953443	3.92	cps
Terbium	159-2	6265093	6263695	6263524	6264104	0.01	cps
Thallium	203-1	8962	9303	9245	9170	1.99	cps
Thallium	205-1	21218	22194	22127	21846	2.50	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:10:45	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	78	144	139	120	30.73	cps
Tin	118-1	32546	33240	32689	32825	1.12	cps
Titanium	47-1	4809	5076	5051	4979	2.96	cps
Uranium	238-1	29851	29727	28891	29490	1.77	cps
Vanadium	51-2	13279	13166	13476	13307	1.18	cps
Yttrium	89-1	10792184	11458627	11723958	11324923	4.24	cps
Yttrium	89-2	2629901	2570255	2639985	2613380	1.44	cps
Zinc	66-2	1790	1620	1787	1732	5.61	cps
Zirconium	90-1	11864	12781	12839	12495	4.38	cps
Zirconium	91-1	2442	2675	2600	2573	4.63	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:16:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	108	158	142	20.38	cps
Antimony	121-1	200	217	200	206	4.68	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	25	8	25	19	49.50	cps
Barium	137-1	42	50	50	47	10.18	cps
Beryllium	9-1	128	56	50	78	55.79	cps
Bismuth	209-1	7289906	7373473	7392081	7351820	0.74	cps
Bismuth	209-2	4899702	4923379	4902059	4908380	0.27	cps
Boron	10-1	483	450	417	450	7.41	cps
Boron	11-1	1967	1859	1992	1939	3.66	cps
Bromine	81-1	7194	7577	7511	7427	2.76	cps
Bromine	81-2	60	60	40	53	21.65	cps
Cadmium	111-1	3710	4069	4086	3955	5.37	cps
Cadmium	106-1	4117	4518	4509	4381	5.22	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	292	200	175	222	27.64	cps
Calcium	44-1	6018	5901	6135	6018	1.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	827	877	820	841	3.68	cps
Cobalt	59-2	67	37	50	51	29.41	cps
Copper	63-2	827	857	853	846	1.94	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	58	100	67	45.06	cps
Erbium	164-2	40	23	40	34	27.94	cps
Gadolinium	160-1	83	33	8	42	91.66	cps
Gadolinium	160-2	143	140	130	138	5.04	cps
Holmium	165-1	10429367	10537512	10533413	10500097	0.58	cps
Holmium	165-2	6680122	6756599	6642404	6693042	0.87	cps
Indium	115-1	7490273	7604847	7557103	7550741	0.76	cps
Indium	115-2	2246833	2241221	2257076	2248377	0.36	cps
Iron	56-2	7007	6952	6907	6955	0.72	cps
Iron	57-2	228	267	283	259	11.00	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:16:36 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1141	1161	991	1098	8.47	cps
Krypton	83-1	737	577	567	627	15.22	cps
Lead	206-1	1200	1122	1106	1143	4.41	cps
Lead	207-1	1117	928	978	1007	9.71	cps
Lead	208-1	4728	4600	4839	4723	2.53	cps
Lithium	6-1	2695109	2734164	2714334	2714536	0.72	cps
Magnesium	24-2	300	225	358	294	22.70	cps
Manganese	55-2	153	200	137	163	20.10	cps
Molybdenum	94-1	208	183	183	192	7.53	cps
Molybdenum	95-1	17	17	25	19	24.73	cps
Molybdenum	96-1	58	42	58	53	18.23	cps
Molybdenum	97-1	8	33	25	22	57.29	cps
Molybdenum	98-1	33	25	17	25	33.32	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	220	253	293	256	14.37	cps
Phosphorus	31-2	525	542	517	528	2.41	cps
Potassium	39-2	39303	40263	40640	40069	1.72	cps
Rhodium	103-1	6883011	6862941	6816169	6854041	0.50	cps
Rhodium	103-2	3947376	3964539	3964618	3958844	0.25	cps
Scandium	45-1	4163408	4177392	4203818	4181539	0.49	cps
Scandium	45-2	330846	334901	334220	333322	0.65	cps
Selenium	82-1	-163	46	49	-23	-537.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	102	93	100	6.68	cps
Silicon	28-1	195657	197116	196636	196470	0.38	cps
Silver	107-1	133	108	133	125	11.55	cps
Silver	109-1	42	33	42	39	12.38	cps
Sodium	23-2	13064	13214	13214	13164	0.66	cps
Strontium	86-1	892	808	992	897	10.23	cps
Strontium	88-1	233	242	267	247	7.02	cps
Sulfur	34-1	377461	380451	382092	380001	0.62	cps
Terbium	159-1	10561499	10561461	10718437	10613799	0.85	cps
Terbium	159-2	6512246	6340812	6526407	6459821	1.60	cps
Thallium	203-1	58	108	108	92	31.49	cps
Thallium	205-1	200	142	183	175	17.17	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:16:36	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	117	206	135	46.73	cps
Tin	118-1	1200	1150	1158	1170	2.29	cps
Titanium	47-1	50	67	58	58	14.29	cps
Uranium	238-1	25	8	25	19	49.50	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	11810799	12087591	11841511	11913300	1.27	cps
Yttrium	89-2	2670901	2663231	2701159	2678430	0.75	cps
Zinc	66-2	677	677	697	683	1.69	cps
Zirconium	90-1	550	658	667	625	10.41	cps
Zirconium	91-1	142	117	142	133	10.83	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:19:42 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13229537	13246730	13128158	13201475	0.49	cps
Antimony	121-1	8544	8670	8486	8567	1.09	cps
Arsenic	75-2	119	117	94	110	12.19	cps
Barium	135-1	2300	2500	2542	2448	5.28	cps
Barium	137-1	4201	4226	4568	4331	4.73	cps
Beryllium	9-1	461	500	350	437	17.81	cps
Bismuth	209-1	6743023	6872024	6823904	6812984	0.96	cps
Bismuth	209-2	4570739	4582144	4576313	4576399	0.12	cps
Boron	10-1	475	433	592	500	16.41	cps
Boron	11-1	2592	2109	2134	2278	11.95	cps
Bromine	81-1	7210	6260	7252	6907	8.12	cps
Bromine	81-2	160	170	90	140	31.14	cps
Cadmium	111-1	4865	5012	5049	4975	1.96	cps
Cadmium	106-1	4109	4434	4167	4237	4.09	cps
Cadmium	108-1	2375	2259	2017	2217	8.25	cps
Calcium	43-1	1914607	1931019	1933829	1926485	0.54	cps
Calcium	44-1	29928523	30235298	29620591	29928137	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56849	56397	56243	56497	0.56	cps
Cobalt	59-2	5341	5571	5378	5430	2.28	cps
Copper	63-2	32696	33184	33137	33006	0.82	cps
Dysprosium	156-1	42	0	50	31	87.67	cps
Dysprosium	156-2	20	30	13	21	39.75	cps
Erbium	164-1	83	125	108	106	19.86	cps
Erbium	164-2	40	53	37	43	20.34	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	157	143	153	151	4.59	cps
Holmium	165-1	10494448	10680637	10541896	10572327	0.92	cps
Holmium	165-2	6465311	6561932	6574234	6533826	0.91	cps
Indium	115-1	6892413	6982677	7033668	6969586	1.03	cps
Indium	115-2	2031508	2045556	2028124	2035063	0.45	cps
Iron	56-2	257699645	259181611	255944845	257608700	0.63	cps
Iron	57-2	6376211	6502266	6420702	6433059	0.99	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:19:42 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13920869	14039634	14118973	14026492	0.71	cps
Krypton	83-1	513	593	563	557	7.26	cps
Lead	206-1	36038	35336	35598	35657	0.99	cps
Lead	207-1	28380	28508	27267	28052	2.43	cps
Lead	208-1	136551	134682	132452	134561	1.53	cps
Lithium	6-1	2432974	2371969	2351012	2385318	1.79	cps
Magnesium	24-2	27660017	27711216	27309568	27560267	0.79	cps
Manganese	55-2	15635	15255	15829	15573	1.87	cps
Molybdenum	94-1	3694281	3755316	3751746	3733781	0.92	cps
Molybdenum	95-1	6712316	6787767	6721276	6740453	0.61	cps
Molybdenum	96-1	7107911	7095329	7233633	7145624	1.07	cps
Molybdenum	97-1	4109995	4154823	4171780	4145533	0.77	cps
Molybdenum	98-1	10838124	10841490	10826810	10835475	0.07	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	27	20	13	20	33.35	cps
Nickel	60-2	6602	6572	6125	6433	4.15	cps
Phosphorus	31-2	654402	664712	657932	659015	0.80	cps
Potassium	39-2	25812627	25992182	25744117	25849642	0.50	cps
Rhodium	103-1	5778556	5862830	5774053	5805146	0.86	cps
Rhodium	103-2	3469471	3488574	3495798	3484615	0.39	cps
Scandium	45-1	3694315	3760878	3676167	3710453	1.20	cps
Scandium	45-2	294710	298313	295481	296168	0.64	cps
Selenium	82-1	-17	-86	-62	-55	-63.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	94	91	94	93	2.30	cps
Silicon	28-1	241630	253752	250163	248515	2.51	cps
Silver	107-1	292	183	267	247	22.94	cps
Silver	109-1	183	200	225	203	10.34	cps
Sodium	23-2	49477312	49239464	48990584	49235787	0.49	cps
Strontium	86-1	75029	76352	76085	75822	0.92	cps
Strontium	88-1	644532	655261	643356	647716	1.01	cps
Sulfur	34-1	3584437	3511305	3527353	3541032	1.09	cps
Terbium	159-1	10523870	10601682	10356942	10494165	1.19	cps
Terbium	159-2	6182893	6157525	6208560	6182993	0.41	cps
Thallium	203-1	467	425	442	444	4.72	cps
Thallium	205-1	1117	1175	1008	1100	7.69	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:19:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	150	211	181	16.86	cps
Tin	118-1	1750	2042	1709	1834	9.91	cps
Titanium	47-1	1739165	1769957	1745597	1751573	0.93	cps
Uranium	238-1	650	592	575	606	6.50	cps
Vanadium	51-2	383	447	383	404	9.04	cps
Yttrium	89-1	10866522	10982820	10919927	10923089	0.53	cps
Yttrium	89-2	2426531	2448864	2444487	2439960	0.49	cps
Zinc	66-2	6515	6645	6732	6630	1.65	cps
Zirconium	90-1	708	683	800	731	8.41	cps
Zirconium	91-1	158	192	92	147	34.58	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:29:06 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13694720	13583202	13702472	13660131	0.49	cps
Antimony	121-1	158139	157844	157633	157872	0.16	cps
Arsenic	75-2	6526	6392	6522	6480	1.17	cps
Barium	135-1	39289	39206	38905	39133	0.52	cps
Barium	137-1	67523	69591	70755	69290	2.36	cps
Beryllium	9-1	28098	28989	30113	29067	3.47	cps
Bismuth	209-1	6941812	6957426	6905203	6934813	0.39	cps
Bismuth	209-2	4630190	4594395	4621428	4615337	0.40	cps
Boron	10-1	425	517	550	497	13.02	cps
Boron	11-1	2192	1984	2317	2164	7.78	cps
Bromine	81-1	6752	7169	7602	7174	5.93	cps
Bromine	81-2	140	170	110	140	21.43	cps
Cadmium	111-1	61144	61679	61804	61542	0.57	cps
Cadmium	106-1	7044	7344	7027	7138	2.50	cps
Cadmium	108-1	4997	4759	5030	4929	3.00	cps
Calcium	43-1	2007567	2035278	2034062	2025636	0.77	cps
Calcium	44-1	31357566	31695499	31250861	31434642	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113002	113637	114564	113734	0.69	cps
Cobalt	59-2	92506	92666	93596	92923	0.63	cps
Copper	63-2	85119	84277	83717	84371	0.84	cps
Dysprosium	156-1	67	17	67	50	57.73	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	92	117	58	89	32.93	cps
Erbium	164-2	57	67	50	58	14.52	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	133	150	137	140	6.30	cps
Holmium	165-1	10765086	10703779	10703112	10723992	0.33	cps
Holmium	165-2	6502155	6430265	6433636	6455352	0.63	cps
Indium	115-1	7154440	7061712	7052965	7089706	0.79	cps
Indium	115-2	2041235	2051882	2045417	2046178	0.26	cps
Iron	56-2	269632156	266484739	269963339	268693412	0.71	cps
Iron	57-2	6787661	6705157	6733528	6742115	0.62	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:29:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14583419	14573993	14540765	14566059	0.15	cps
Krypton	83-1	543	530	490	521	5.33	cps
Lead	206-1	188024	190272	189635	189310	0.61	cps
Lead	207-1	156452	160554	159533	158846	1.34	cps
Lead	208-1	733609	743246	736843	737899	0.66	cps
Lithium	6-1	2342886	2352617	2329974	2341825	0.49	cps
Magnesium	24-2	28737764	28582500	28785427	28701897	0.37	cps
Manganese	55-2	55645	55698	56632	55991	0.99	cps
Molybdenum	94-1	3942006	3975889	3954921	3957605	0.43	cps
Molybdenum	95-1	7136724	7207268	7196303	7180098	0.53	cps
Molybdenum	96-1	7661006	7674244	7604084	7646445	0.49	cps
Molybdenum	97-1	4404852	4423804	4432693	4420450	0.32	cps
Molybdenum	98-1	11572809	11442892	11555896	11523866	0.61	cps
Neodymium	150-1	40	60	60	53	21.65	cps
Neodymium	150-2	40	10	10	20	86.60	cps
Nickel	60-2	28357	28274	28578	28403	0.55	cps
Phosphorus	31-2	681372	680040	690290	683901	0.81	cps
Potassium	39-2	26773009	26764342	26983257	26840203	0.46	cps
Rhodium	103-1	5869572	5873889	5852898	5865453	0.19	cps
Rhodium	103-2	3471438	3472922	3489661	3478007	0.29	cps
Scandium	45-1	3736301	3716287	3704022	3718870	0.44	cps
Scandium	45-2	292119	292631	295331	293360	0.59	cps
Selenium	82-1	2330	2296	2446	2357	3.34	cps
Selenium	77-2	183	210	210	201	7.65	cps
Selenium	78-2	732	741	743	738	0.81	cps
Silicon	28-1	248441	254904	255685	253010	1.57	cps
Silver	107-1	170885	175921	174899	173902	1.53	cps
Silver	109-1	167597	166803	168627	167676	0.55	cps
Sodium	23-2	51057744	51106807	51283823	51149458	0.23	cps
Strontium	86-1	80567	79184	80291	80014	0.91	cps
Strontium	88-1	681871	691287	685376	686178	0.69	cps
Sulfur	34-1	3625580	3693719	3679683	3666327	0.98	cps
Terbium	159-1	10745908	10686479	10564804	10665730	0.87	cps
Terbium	159-2	6278503	6237755	6286074	6267444	0.41	cps
Thallium	203-1	182721	185103	183743	183856	0.65	cps
Thallium	205-1	443697	452556	449700	448651	1.01	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:29:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	161	194	194	183	10.50	cps
Tin	118-1	1758	1700	1950	1803	7.26	cps
Titanium	47-1	1829394	1844611	1836459	1836821	0.41	cps
Uranium	238-1	542	600	558	567	5.30	cps
Vanadium	51-2	45463	45717	46102	45761	0.70	cps
Yttrium	89-1	11108019	11129473	10916178	11051223	1.06	cps
Yttrium	89-2	2444354	2436129	2463047	2447843	0.56	cps
Zinc	66-2	16606	17007	17157	16923	1.68	cps
Zirconium	90-1	642	708	733	694	6.82	cps
Zirconium	91-1	125	208	158	164	25.59	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCV03 Instrumnet Name : P7
 Client Sample ID : CCV03 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:32:10 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6720897	6650867	6731275	6701013	0.65	cps
Antimony	121-1	3668552	3717969	3663708	3683410	0.82	cps
Arsenic	75-2	158844	159425	160262	159510	0.45	cps
Barium	135-1	4410039	4488229	4503678	4467315	1.12	cps
Barium	137-1	7888730	8007516	7981305	7959184	0.78	cps
Beryllium	9-1	701385	700677	714293	705451	1.09	cps
Bismuth	209-1	6569169	6604589	6667523	6613760	0.75	cps
Bismuth	209-2	4309749	4280294	4290149	4293398	0.35	cps
Boron	10-1	90219	93387	98116	93907	4.23	cps
Boron	11-1	415374	429694	456958	434009	4.87	cps
Bromine	81-1	6435	5751	6177	6121	5.64	cps
Bromine	81-2	40	10	60	37	68.63	cps
Cadmium	111-1	1492313	1512224	1510351	1504962	0.73	cps
Cadmium	106-1	116054	115769	116962	116262	0.54	cps
Cadmium	108-1	76370	77539	78444	77451	1.34	cps
Calcium	43-1	4695796	4711488	4757162	4721482	0.68	cps
Calcium	44-1	73645800	75267977	73250866	74054881	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1358819	1346894	1351105	1352273	0.45	cps
Cobalt	59-2	2155540	2161596	2163682	2160273	0.20	cps
Copper	63-2	15278844	15251854	15072405	15201034	0.74	cps
Dysprosium	156-1	833	867	792	831	4.52	cps
Dysprosium	156-2	577	577	547	567	3.06	cps
Erbium	164-1	275	217	233	242	12.43	cps
Erbium	164-2	127	120	130	126	4.06	cps
Gadolinium	160-1	958	883	958	933	4.64	cps
Gadolinium	160-2	680	623	687	663	5.25	cps
Holmium	165-1	10510347	10363352	10403041	10425580	0.73	cps
Holmium	165-2	6101065	6075388	6106758	6094404	0.27	cps
Indium	115-1	6693237	6792835	6735932	6740668	0.74	cps
Indium	115-2	1902023	1901636	1904476	1902711	0.08	cps
Iron	56-2	311464129	307967085	310450507	309960574	0.58	cps
Iron	57-2	7753351	7708410	7779459	7747073	0.46	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:32:10	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16786654	16818724	16686894	16764091	0.41	cps
Krypton	83-1	427	560	570	519	15.42	cps
Lead	206-1	19353532	19200747	19598862	19384381	1.04	cps
Lead	207-1	17185484	17154150	17227544	17189059	0.21	cps
Lead	208-1	77987098	77897231	78344773	78076367	0.30	cps
Lithium	6-1	2230227	2241101	2291742	2254357	1.46	cps
Magnesium	24-2	71640422	70699512	70113358	70817764	1.09	cps
Manganese	55-2	10231071	10309106	10290936	10277037	0.40	cps
Molybdenum	94-1	7019169	7088701	7004112	7037327	0.64	cps
Molybdenum	95-1	8611515	8751253	8576875	8646548	1.07	cps
Molybdenum	96-1	9493825	9679736	9559949	9577837	0.98	cps
Molybdenum	97-1	5264189	5383278	5273278	5306915	1.25	cps
Molybdenum	98-1	13902981	14043418	13910474	13952291	0.57	cps
Neodymium	150-1	540	480	487	502	6.55	cps
Neodymium	150-2	140	117	143	133	10.90	cps
Nickel	60-2	594237	590066	594778	593027	0.43	cps
Phosphorus	31-2	63971	63845	64104	63973	0.20	cps
Potassium	39-2	34800510	34880757	34962573	34881280	0.23	cps
Rhodium	103-1	5576076	5585339	5549362	5570259	0.34	cps
Rhodium	103-2	3236552	3231429	3241244	3236408	0.15	cps
Scandium	45-1	3575975	3644872	3565095	3595314	1.20	cps
Scandium	45-2	282471	280468	281600	281513	0.36	cps
Selenium	82-1	59724	60100	60320	60048	0.50	cps
Selenium	77-2	4841	4784	4771	4799	0.77	cps
Selenium	78-2	15862	15679	16011	15851	1.05	cps
Silicon	28-1	2209731	2335248	2381829	2308936	3.86	cps
Silver	107-1	4535487	4629415	4608288	4591063	1.07	cps
Silver	109-1	4381192	4444775	4448193	4424720	0.85	cps
Sodium	23-2	118793786	118801853	119519424	119038354	0.35	cps
Strontium	86-1	10990303	10951941	10894994	10945746	0.44	cps
Strontium	88-1	94820079	95011402	95011777	94947753	0.12	cps
Sulfur	34-1	614963	629991	623605	622853	1.21	cps
Terbium	159-1	10196944	10289120	10393689	10293251	0.96	cps
Terbium	159-2	5899364	5942090	5939778	5927077	0.41	cps
Thallium	203-1	4508363	4495528	4558911	4520934	0.74	cps
Thallium	205-1	11199249	11212292	11300414	11237318	0.49	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:32:10	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17715543	17688580	18062136	17822087	1.17	cps
Tin	118-1	3067965	3124509	3126329	3106268	1.07	cps
Titanium	47-1	2122870	2164320	2124273	2137154	1.10	cps
Uranium	238-1	17026043	16889453	17265793	17060430	1.12	cps
Vanadium	51-2	1146472	1135120	1141381	1140991	0.50	cps
Yttrium	89-1	10740931	10764227	10889329	10798162	0.74	cps
Yttrium	89-2	2326437	2332033	2325776	2328082	0.15	cps
Zinc	66-2	2523739	2528839	2529860	2527479	0.13	cps
Zirconium	90-1	5930675	6016633	5918281	5955196	0.90	cps
Zirconium	91-1	1299830	1314599	1292172	1302200	0.88	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:39:40 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	133	192	186	26.99	cps
Antimony	121-1	667	558	575	600	9.72	cps
Arsenic	75-2	11	7	4	7	50.02	cps
Barium	135-1	108	67	100	92	24.05	cps
Barium	137-1	108	125	100	111	11.46	cps
Beryllium	9-1	89	56	83	76	23.52	cps
Bismuth	209-1	7196994	7300796	7352983	7283591	1.09	cps
Bismuth	209-2	4638022	4689940	4696551	4674838	0.69	cps
Boron	10-1	1233	1275	1117	1208	6.79	cps
Boron	11-1	5660	5176	5126	5321	5.54	cps
Bromine	81-1	6835	7235	7052	7041	2.85	cps
Bromine	81-2	40	70	50	53	28.64	cps
Cadmium	111-1	3373	3802	3493	3556	6.23	cps
Cadmium	106-1	3684	4167	3826	3892	6.39	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	200	175	100	158	32.87	cps
Calcium	44-1	5168	4926	4909	5001	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	880	900	903	894	1.41	cps
Cobalt	59-2	70	53	53	59	16.34	cps
Copper	63-2	1363	1360	1303	1342	2.51	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	50	33	33	39	24.75	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	133	137	130	133	2.50	cps
Holmium	165-1	10340534	10076892	10430397	10282608	1.79	cps
Holmium	165-2	6126334	6172700	6184259	6161098	0.50	cps
Indium	115-1	7066424	7163585	7157625	7129211	0.76	cps
Indium	115-2	2048892	2030121	2069629	2049547	0.96	cps
Iron	56-2	8636	8986	9075	8899	2.61	cps
Iron	57-2	339	256	256	283	16.98	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:39:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1031	1111	1221	1121	8.52	cps
Krypton	83-1	570	457	437	488	14.74	cps
Lead	206-1	1145	1345	1261	1250	8.04	cps
Lead	207-1	1233	1039	1067	1113	9.45	cps
Lead	208-1	5284	5106	5050	5147	2.37	cps
Lithium	6-1	2399801	2420919	2424016	2414912	0.55	cps
Magnesium	24-2	1233	1200	1275	1236	3.04	cps
Manganese	55-2	153	133	180	156	15.05	cps
Molybdenum	94-1	400	508	542	483	15.32	cps
Molybdenum	95-1	233	217	183	211	12.06	cps
Molybdenum	96-1	267	300	350	306	13.73	cps
Molybdenum	97-1	192	192	192	192	0.00	cps
Molybdenum	98-1	467	333	408	403	16.59	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	277	233	267	259	8.76	cps
Phosphorus	31-2	375	492	417	428	13.82	cps
Potassium	39-2	39069	35251	35727	36682	5.67	cps
Rhodium	103-1	6264114	6350591	6294819	6303175	0.70	cps
Rhodium	103-2	3615868	3573465	3629686	3606339	0.81	cps
Scandium	45-1	3657404	3728871	3736770	3707682	1.18	cps
Scandium	45-2	295425	291511	295734	294223	0.80	cps
Selenium	82-1	19	95	55	56	67.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	81	91	74	82	10.17	cps
Silicon	28-1	169467	175544	172240	172417	1.76	cps
Silver	107-1	192	133	175	167	18.03	cps
Silver	109-1	192	142	142	158	18.23	cps
Sodium	23-2	23978	21766	23018	22921	4.84	cps
Strontium	86-1	1017	1092	1025	1045	3.94	cps
Strontium	88-1	1067	1050	1217	1111	8.26	cps
Sulfur	34-1	328520	334622	331314	331485	0.92	cps
Terbium	159-1	10275619	10262762	10246139	10261507	0.14	cps
Terbium	159-2	5933832	5963370	6016292	5971164	0.70	cps
Thallium	203-1	567	517	492	525	7.27	cps
Thallium	205-1	1258	1342	1492	1364	8.67	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:39:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	478	450	522	483	7.54	cps
Tin	118-1	650	783	642	692	11.49	cps
Titanium	47-1	75	42	67	61	28.38	cps
Uranium	238-1	158	242	225	208	21.17	cps
Vanadium	51-2	20	13	20	18	21.66	cps
Yttrium	89-1	10807672	10981728	11087724	10959041	1.29	cps
Yttrium	89-2	2408560	2379849	2430659	2406356	1.06	cps
Zinc	66-2	423	383	383	397	5.82	cps
Zirconium	90-1	808	717	900	808	11.34	cps
Zirconium	91-1	175	183	117	158	22.94	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:47:17 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3159	3159	2925	3081	4.37	cps
Antimony	121-1	14450	14374	15134	14652	2.85	cps
Arsenic	75-2	374	330	413	372	11.20	cps
Barium	135-1	18087	18137	18054	18093	0.23	cps
Barium	137-1	31436	31135	30567	31046	1.42	cps
Beryllium	9-1	1711	1600	1667	1659	3.37	cps
Bismuth	209-1	6726941	7247598	6948328	6974289	3.75	cps
Bismuth	209-2	4574034	4746944	4701454	4674144	1.92	cps
Boron	10-1	4951	5293	5685	5309	6.91	cps
Boron	11-1	24529	25105	25948	25194	2.83	cps
Bromine	81-1	6743	7027	7069	6946	2.55	cps
Bromine	81-2	90	40	40	57	50.94	cps
Cadmium	111-1	6521	6615	6697	6611	1.33	cps
Cadmium	106-1	3967	4051	4126	4048	1.96	cps
Cadmium	108-1	233	183	154	190	21.04	cps
Calcium	43-1	10004	10546	10054	10201	2.94	cps
Calcium	44-1	165524	165885	165019	165476	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6451	6295	6815	6520	4.09	cps
Cobalt	59-2	4484	4527	4534	4515	0.60	cps
Copper	63-2	7082	7369	7645	7365	3.83	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	23	37	30	30	22.23	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	130	153	107	130	17.95	cps
Holmium	165-1	10017018	10088597	10237098	10114238	1.11	cps
Holmium	165-2	6068840	6459169	6282848	6270286	3.12	cps
Indium	115-1	6941184	7076413	7219789	7079129	1.97	cps
Indium	115-2	2020308	2105387	2147389	2091028	3.10	cps
Iron	56-2	140340	143325	145091	142919	1.68	cps
Iron	57-2	3678	3562	3812	3684	3.40	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 10:47:17 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	8281	8541	9002	8608	4.24	cps
Krypton	83-1	577	507	517	533	7.10	cps
Lead	206-1	8153	8264	8219	8212	0.68	cps
Lead	207-1	7374	6985	7219	7193	2.72	cps
Lead	208-1	34023	32928	32805	33252	2.02	cps
Lithium	6-1	2391707	2465714	2486391	2447937	2.03	cps
Magnesium	24-2	148731	148680	149378	148930	0.26	cps
Manganese	55-2	2257	2147	2304	2236	3.60	cps
Molybdenum	94-1	14424	14349	14015	14263	1.53	cps
Molybdenum	95-1	18329	17536	17486	17784	2.66	cps
Molybdenum	96-1	19188	19664	18320	19058	3.57	cps
Molybdenum	97-1	11397	11121	10846	11121	2.47	cps
Molybdenum	98-1	27352	28888	27109	27783	3.47	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1397	1473	1450	1440	2.73	cps
Phosphorus	31-2	492	475	467	478	2.66	cps
Potassium	39-2	175778	177660	187439	180292	3.47	cps
Rhodium	103-1	5911542	6280005	6300308	6163952	3.55	cps
Rhodium	103-2	3559739	3705572	3743643	3669651	2.65	cps
Scandium	45-1	3637320	3757357	3767961	3720879	1.95	cps
Scandium	45-2	292619	304076	313539	303411	3.45	cps
Selenium	82-1	521	664	669	618	13.58	cps
Selenium	77-2	70	43	30	48	42.63	cps
Selenium	78-2	270	239	254	254	6.19	cps
Silicon	28-1	211098	210883	211390	211124	0.12	cps
Silver	107-1	9262	9437	9337	9345	0.94	cps
Silver	109-1	8861	9203	8569	8878	3.57	cps
Sodium	23-2	267055	272062	274538	271218	1.41	cps
Strontium	86-1	3484	3125	3359	3323	5.48	cps
Strontium	88-1	20740	21341	21133	21071	1.45	cps
Sulfur	34-1	341716	339860	343082	341553	0.47	cps
Terbium	159-1	9908398	10038898	10174619	10040638	1.33	cps
Terbium	159-2	5858119	6105654	6124391	6029388	2.46	cps
Thallium	203-1	9220	9220	9228	9223	0.05	cps
Thallium	205-1	22369	22528	23363	22753	2.35	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 10:47:17	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	144	144	157	14.26	cps
Tin	118-1	31051	31720	32171	31647	1.78	cps
Titanium	47-1	4634	4476	4409	4506	2.57	cps
Uranium	238-1	30010	29275	29008	29431	1.76	cps
Vanadium	51-2	12072	11735	12465	12091	3.02	cps
Yttrium	89-1	10784686	10908695	10992585	10895322	0.96	cps
Yttrium	89-2	2394124	2491204	2546719	2477349	3.12	cps
Zinc	66-2	1653	1777	1860	1763	5.90	cps
Zirconium	90-1	12139	12631	12456	12408	2.01	cps
Zirconium	91-1	2617	2325	2450	2464	5.94	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139265BL Instrumnet Name : P7
 Client Sample ID : PBW265 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:20:27 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	158	50	97	57.07	cps
Antimony	121-1	142	175	150	156	11.15	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	25	0	8	11	114.58	cps
Barium	137-1	42	33	25	33	25.01	cps
Beryllium	9-1	44	50	78	57	31.11	cps
Bismuth	209-1	7376513	7450849	7422200	7416521	0.51	cps
Bismuth	209-2	4792067	4818005	4833749	4814607	0.44	cps
Boron	10-1	300	483	333	372	26.24	cps
Boron	11-1	1583	1683	1483	1583	6.32	cps
Bromine	81-1	6635	7044	6710	6796	3.20	cps
Bromine	81-2	40	60	0	33	91.65	cps
Cadmium	111-1	3757	3452	3906	3705	6.25	cps
Cadmium	106-1	4167	3826	4342	4112	6.39	cps
Cadmium	108-1	8	33	21	21	60.01	cps
Calcium	43-1	117	175	200	164	26.09	cps
Calcium	44-1	5401	5143	5084	5209	3.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	773	820	770	788	3.55	cps
Cobalt	59-2	50	67	40	52	25.80	cps
Copper	63-2	877	777	840	831	6.09	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	75	58	42	58	28.57	cps
Erbium	164-2	37	33	37	36	5.42	cps
Gadolinium	160-1	75	58	75	69	13.86	cps
Gadolinium	160-2	173	120	153	149	18.10	cps
Holmium	165-1	10498032	10528876	10384131	10470346	0.73	cps
Holmium	165-2	6356890	6454314	6407171	6406125	0.76	cps
Indium	115-1	7509735	7324212	7334346	7389431	1.41	cps
Indium	115-2	2163018	2166569	2197252	2175613	0.87	cps
Iron	56-2	4317	4784	4717	4606	5.48	cps
Iron	57-2	200	206	178	194	7.56	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BL	Instrumnet Name :	P7
Client Sample ID :	PBW265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:20:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	831	1041	881	918	11.97	cps
Krypton	83-1	497	610	563	557	10.23	cps
Lead	206-1	917	694	711	774	15.99	cps
Lead	207-1	694	728	767	730	4.95	cps
Lead	208-1	3317	3300	3406	3341	1.70	cps
Lithium	6-1	2593020	2603864	2593229	2596705	0.24	cps
Magnesium	24-2	283	275	242	267	8.27	cps
Manganese	55-2	57	123	43	74	57.58	cps
Molybdenum	94-1	208	183	225	206	10.20	cps
Molybdenum	95-1	8	25	25	19	49.50	cps
Molybdenum	96-1	50	75	58	61	20.83	cps
Molybdenum	97-1	8	0	17	8	100.02	cps
Molybdenum	98-1	50	42	67	53	24.12	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	233	213	197	214	8.56	cps
Phosphorus	31-2	508	592	542	547	7.66	cps
Potassium	39-2	39445	37891	39603	38980	2.43	cps
Rhodium	103-1	6816412	6679491	6757415	6751106	1.02	cps
Rhodium	103-2	3810387	3794242	3859233	3821287	0.89	cps
Scandium	45-1	4032339	3997139	4013881	4014453	0.44	cps
Scandium	45-2	319530	314548	321404	318494	1.11	cps
Selenium	82-1	30	-36	33	9	426.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	78	107	101	20.19	cps
Silicon	28-1	181942	178656	185091	181896	1.77	cps
Silver	107-1	83	75	83	81	5.98	cps
Silver	109-1	17	25	8	17	50.01	cps
Sodium	23-2	12948	12647	12964	12853	1.39	cps
Strontium	86-1	792	850	892	844	5.95	cps
Strontium	88-1	208	242	183	211	13.86	cps
Sulfur	34-1	366879	362665	372622	367388	1.36	cps
Terbium	159-1	10574418	10503853	10516659	10531643	0.36	cps
Terbium	159-2	6178312	6226666	6240607	6215195	0.53	cps
Thallium	203-1	150	100	150	133	21.65	cps
Thallium	205-1	258	350	208	272	26.39	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BL	Instrumnet Name :	P7
Client Sample ID :	PBW265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:20:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	172	161	150	161	6.90	cps
Tin	118-1	717	900	1042	886	18.39	cps
Titanium	47-1	67	108	33	69	54.12	cps
Uranium	238-1	25	0	25	17	86.60	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	11657283	11655587	11625722	11646198	0.15	cps
Yttrium	89-2	2564397	2561480	2605347	2577075	0.95	cps
Zinc	66-2	637	487	537	553	13.80	cps
Zirconium	90-1	525	683	575	594	13.62	cps
Zirconium	91-1	75	75	100	83	17.32	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139265BS Instrumnet Name : P7
 Client Sample ID : LCS265 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:23:33 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6810	6777	6485	6691	2.67	cps
Antimony	121-1	30617	30609	30141	30456	0.89	cps
Arsenic	75-2	667	737	687	697	5.20	cps
Barium	135-1	36214	37016	37342	36858	1.57	cps
Barium	137-1	65136	64767	64835	64913	0.30	cps
Beryllium	9-1	3234	3262	3506	3334	4.49	cps
Bismuth	209-1	7385840	7340370	7331519	7352577	0.40	cps
Bismuth	209-2	4745692	4787458	4832378	4788509	0.91	cps
Boron	10-1	9587	10462	9753	9934	4.68	cps
Boron	11-1	45853	47425	48913	47397	3.23	cps
Bromine	81-1	7335	7277	7069	7227	1.94	cps
Bromine	81-2	30	80	50	53	47.19	cps
Cadmium	111-1	10874	10852	11042	10923	0.95	cps
Cadmium	106-1	4893	4809	5051	4918	2.50	cps
Cadmium	108-1	354	396	329	360	9.36	cps
Calcium	43-1	20348	21157	21299	20935	2.45	cps
Calcium	44-1	344082	342351	347365	344599	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13069	12832	13556	13153	2.81	cps
Cobalt	59-2	9853	10000	9923	9926	0.74	cps
Copper	63-2	13837	13797	14060	13898	1.02	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	27	50	53	43	33.52	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	143	177	140	153	13.22	cps
Holmium	165-1	10412020	10472297	10418997	10434438	0.32	cps
Holmium	165-2	6553375	6661095	6642270	6618913	0.87	cps
Indium	115-1	7385940	7422246	7364031	7390739	0.40	cps
Indium	115-2	2156982	2161412	2195469	2171288	0.97	cps
Iron	56-2	1322404	1330362	1325876	1326214	0.30	cps
Iron	57-2	34624	34095	34145	34288	0.85	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BS	Instrumnet Name :	P7
Client Sample ID :	LCS265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:23:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	74221	75177	74090	74496	0.80	cps
Krypton	83-1	633	550	557	580	7.98	cps
Lead	206-1	15737	15893	15737	15789	0.57	cps
Lead	207-1	14491	13757	14236	14161	2.63	cps
Lead	208-1	64178	63794	63114	63695	0.85	cps
Lithium	6-1	2577264	2563026	2557379	2565890	0.40	cps
Magnesium	24-2	315738	313577	315691	315002	0.39	cps
Manganese	55-2	4381	4714	4767	4621	4.54	cps
Molybdenum	94-1	29506	29005	29022	29177	0.97	cps
Molybdenum	95-1	34743	35386	37266	35798	3.66	cps
Molybdenum	96-1	41252	39681	39982	40305	2.07	cps
Molybdenum	97-1	22994	21859	22702	22518	2.62	cps
Molybdenum	98-1	58604	58771	59231	58869	0.55	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2890	2794	2867	2850	1.77	cps
Phosphorus	31-2	458	458	500	472	5.09	cps
Potassium	39-2	333296	335513	342647	337152	1.45	cps
Rhodium	103-1	6796416	6733000	6681271	6736895	0.86	cps
Rhodium	103-2	3809524	3796308	3849429	3818420	0.72	cps
Scandium	45-1	4005328	4005104	4013717	4008050	0.12	cps
Scandium	45-2	312530	316183	322331	317015	1.56	cps
Selenium	82-1	1219	1234	1237	1230	0.81	cps
Selenium	77-2	97	103	110	103	6.45	cps
Selenium	78-2	467	431	417	438	5.86	cps
Silicon	28-1	269472	269365	277103	271980	1.63	cps
Silver	107-1	19305	19414	19589	19436	0.74	cps
Silver	109-1	18146	18229	18705	18360	1.64	cps
Sodium	23-2	541022	545340	554824	547062	1.29	cps
Strontium	86-1	5810	6060	5843	5904	2.30	cps
Strontium	88-1	43976	42840	44486	43767	1.93	cps
Sulfur	34-1	371419	372429	377133	373660	0.82	cps
Terbium	159-1	10446790	10512961	10549914	10503222	0.50	cps
Terbium	159-2	6386173	6213257	6308351	6302594	1.37	cps
Thallium	203-1	18530	18013	18780	18441	2.12	cps
Thallium	205-1	43890	43923	42577	43463	1.77	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139265BS	Instrumnet Name :	P7
Client Sample ID :	LCS265	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:23:33	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	122	172	150	148	16.91	cps
Tin	118-1	63000	64808	64816	64208	1.63	cps
Titanium	47-1	9328	9829	9795	9651	2.90	cps
Uranium	238-1	58792	58381	57586	58253	1.05	cps
Vanadium	51-2	25966	26140	26160	26089	0.41	cps
Yttrium	89-1	11621174	11494507	11668401	11594694	0.78	cps
Yttrium	89-2	2576264	2556473	2626683	2586473	1.40	cps
Zinc	66-2	6405	6345	6738	6496	3.26	cps
Zirconium	90-1	24722	23127	23846	23898	3.34	cps
Zirconium	91-1	5793	5860	5268	5640	5.75	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139266BL Instrumnet Name : P7
 Client Sample ID : PBW266 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:26:40 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	192	267	206	26.99	cps
Antimony	121-1	142	167	142	150	9.62	cps
Arsenic	75-2	7	2	4	4	65.54	cps
Barium	135-1	17	17	50	28	69.27	cps
Barium	137-1	83	50	67	67	25.00	cps
Beryllium	9-1	33	72	33	46	48.50	cps
Bismuth	209-1	7438866	7477740	7430708	7449105	0.34	cps
Bismuth	209-2	4816287	4833333	4872224	4840615	0.59	cps
Boron	10-1	633	708	567	636	11.14	cps
Boron	11-1	2950	3117	2534	2867	10.48	cps
Bromine	81-1	6543	7686	7294	7174	8.09	cps
Bromine	81-2	10	70	50	43	70.50	cps
Cadmium	111-1	4035	4325	4098	4153	3.68	cps
Cadmium	106-1	4493	4776	4517	4595	3.41	cps
Cadmium	108-1	38	13	13	21	69.28	cps
Calcium	43-1	242	300	258	267	11.27	cps
Calcium	44-1	6285	5810	5651	5915	5.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730	843	810	794	7.33	cps
Cobalt	59-2	43	50	70	54	25.49	cps
Copper	63-2	967	890	890	916	4.83	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	92	17	50	76.37	cps
Erbium	164-2	47	30	23	33	36.07	cps
Gadolinium	160-1	25	33	83	47	66.82	cps
Gadolinium	160-2	120	160	210	163	27.61	cps
Holmium	165-1	10619482	10683286	10627546	10643438	0.33	cps
Holmium	165-2	6672939	6609873	6391122	6557978	2.26	cps
Indium	115-1	7539047	7545628	7469921	7518199	0.56	cps
Indium	115-2	2205649	2192863	2193011	2197174	0.33	cps
Iron	56-2	5245	5557	5107	5303	4.35	cps
Iron	57-2	100	167	206	157	33.92	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BL	Instrumnet Name :	P7
Client Sample ID :	PBW266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:26:40	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	921	831	1071	941	12.90	cps
Krypton	83-1	610	567	590	589	3.68	cps
Lead	206-1	872	928	1006	935	7.16	cps
Lead	207-1	894	900	856	883	2.74	cps
Lead	208-1	3817	4106	4056	3993	3.87	cps
Lithium	6-1	2550341	2637338	2605840	2597840	1.70	cps
Magnesium	24-2	325	308	342	325	5.13	cps
Manganese	55-2	113	80	133	109	24.75	cps
Molybdenum	94-1	283	225	267	258	11.63	cps
Molybdenum	95-1	83	58	33	58	42.87	cps
Molybdenum	96-1	92	75	67	78	16.37	cps
Molybdenum	97-1	17	8	33	19	65.47	cps
Molybdenum	98-1	67	83	100	83	20.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	243	257	237	246	4.15	cps
Phosphorus	31-2	550	525	600	558	6.84	cps
Potassium	39-2	39420	39236	39394	39350	0.25	cps
Rhodium	103-1	6863516	6784093	6685048	6777552	1.32	cps
Rhodium	103-2	3881524	3852408	3841274	3858402	0.54	cps
Scandium	45-1	4087300	4008653	4049611	4048521	0.97	cps
Scandium	45-2	322479	318648	319835	320320	0.61	cps
Selenium	82-1	-22	-53	14	-21	-162.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	102	94	91	96	5.91	cps
Silicon	28-1	199337	179351	189080	189256	5.28	cps
Silver	107-1	58	108	158	108	46.15	cps
Silver	109-1	75	75	75	75	0.00	cps
Sodium	23-2	13556	13139	13056	13251	2.02	cps
Strontium	86-1	983	958	875	939	6.04	cps
Strontium	88-1	392	383	633	469	30.25	cps
Sulfur	34-1	388229	362958	366539	372575	3.67	cps
Terbium	159-1	10631894	10729778	10766751	10709474	0.65	cps
Terbium	159-2	6459339	6249193	6485927	6398153	2.03	cps
Thallium	203-1	125	75	158	119	35.12	cps
Thallium	205-1	367	300	283	317	13.93	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BL	Instrumnet Name :	P7
Client Sample ID :	PBW266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:26:40	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	144	178	152	15.23	cps
Tin	118-1	1058	1075	1100	1078	1.95	cps
Titanium	47-1	50	83	83	72	26.65	cps
Uranium	238-1	33	67	75	58	37.80	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	11759562	11906035	11708715	11791437	0.87	cps
Yttrium	89-2	2608894	2600513	2588027	2599145	0.40	cps
Zinc	66-2	887	780	903	857	7.81	cps
Zirconium	90-1	558	567	675	600	10.85	cps
Zirconium	91-1	108	83	133	108	23.08	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139266BS Instrumnet Name : P7
 Client Sample ID : LCS266 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 11:29:45 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6643	6785	6510	6646	2.07	cps
Antimony	121-1	29223	30124	30417	29921	2.08	cps
Arsenic	75-2	648	656	696	667	3.89	cps
Barium	135-1	35303	36824	36214	36114	2.12	cps
Barium	137-1	63872	65261	63454	64196	1.47	cps
Beryllium	9-1	3412	3217	3134	3254	4.38	cps
Bismuth	209-1	6860106	7342985	7361586	7188226	3.96	cps
Bismuth	209-2	4756027	4740627	4776531	4757728	0.38	cps
Boron	10-1	9962	10320	10512	10265	2.72	cps
Boron	11-1	45878	46639	47910	46809	2.19	cps
Bromine	81-1	7502	7485	6869	7285	4.96	cps
Bromine	81-2	90	40	60	63	39.74	cps
Cadmium	111-1	10415	10896	10470	10594	2.48	cps
Cadmium	106-1	4701	5084	4893	4893	3.92	cps
Cadmium	108-1	379	383	404	389	3.44	cps
Calcium	43-1	20648	21449	22000	21366	3.18	cps
Calcium	44-1	337616	340594	344042	340750	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12986	13029	13059	13025	0.28	cps
Cobalt	59-2	9700	9647	9867	9738	1.18	cps
Copper	63-2	13453	13757	13520	13576	1.18	cps
Dysprosium	156-1	0	42	0	14	173.21	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	20	50	47	39	42.28	cps
Gadolinium	160-1	50	75	50	58	24.74	cps
Gadolinium	160-2	83	160	157	133	32.50	cps
Holmium	165-1	10396375	10408722	10525368	10443488	0.68	cps
Holmium	165-2	6344317	6296282	6306251	6315617	0.40	cps
Indium	115-1	7342072	7382585	7467536	7397398	0.87	cps
Indium	115-2	2142920	2140837	2157976	2147244	0.44	cps
Iron	56-2	1222310	1223991	1238597	1228299	0.73	cps
Iron	57-2	30610	30515	30877	30667	0.61	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BS	Instrumnet Name :	P7
Client Sample ID :	LCS266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:29:45	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	68246	69302	68960	68836	0.78	cps
Krypton	83-1	540	527	720	596	18.13	cps
Lead	206-1	15643	15476	15760	15626	0.91	cps
Lead	207-1	13896	13401	13919	13739	2.13	cps
Lead	208-1	62246	60888	63382	62172	2.01	cps
Lithium	6-1	2567410	2593383	2604439	2588411	0.73	cps
Magnesium	24-2	307206	303141	302189	304179	0.88	cps
Manganese	55-2	4597	4564	4514	4559	0.92	cps
Molybdenum	94-1	29189	28537	29840	29189	2.23	cps
Molybdenum	95-1	35879	35812	36038	35910	0.32	cps
Molybdenum	96-1	40675	40709	40842	40742	0.22	cps
Molybdenum	97-1	22226	22627	23036	22630	1.79	cps
Molybdenum	98-1	57684	58252	58947	58294	1.09	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2850	2830	2797	2826	0.95	cps
Phosphorus	31-2	667	483	558	569	16.19	cps
Potassium	39-2	327418	325075	333785	328759	1.37	cps
Rhodium	103-1	6523009	6654175	6660318	6612501	1.17	cps
Rhodium	103-2	3775426	3792624	3782583	3783544	0.23	cps
Scandium	45-1	3949033	4005354	4027162	3993850	1.01	cps
Scandium	45-2	315378	314071	313592	314347	0.29	cps
Selenium	82-1	1300	1329	1221	1283	4.36	cps
Selenium	77-2	93	97	103	98	5.21	cps
Selenium	78-2	507	426	456	463	8.91	cps
Silicon	28-1	265822	270914	272226	269654	1.25	cps
Silver	107-1	18654	19163	18863	18893	1.35	cps
Silver	109-1	18404	18521	17970	18298	1.59	cps
Sodium	23-2	533971	535084	531864	533640	0.31	cps
Strontium	86-1	6026	6101	5743	5957	3.17	cps
Strontium	88-1	43750	44286	43274	43770	1.16	cps
Sulfur	34-1	366423	369597	370667	368896	0.60	cps
Terbium	159-1	10347366	10505844	10486372	10446527	0.83	cps
Terbium	159-2	6119513	6156219	6182514	6152749	0.51	cps
Thallium	203-1	18004	17871	17470	17782	1.56	cps
Thallium	205-1	42936	44148	43605	43563	1.39	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139266BS	Instrumnet Name :	P7
Client Sample ID :	LCS266	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:29:45	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	83	100	104	21.65	cps
Tin	118-1	65084	63712	65016	64604	1.20	cps
Titanium	47-1	9236	9278	9003	9173	1.62	cps
Uranium	238-1	56172	58599	57428	57400	2.12	cps
Vanadium	51-2	24714	24831	25178	24908	0.97	cps
Yttrium	89-1	11364890	11542516	11657805	11521737	1.28	cps
Yttrium	89-2	2543425	2544302	2564625	2550784	0.47	cps
Zinc	66-2	6265	6435	6391	6364	1.39	cps
Zirconium	90-1	22944	23753	24004	23567	2.35	cps
Zirconium	91-1	5176	5201	5451	5276	2.88	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	108	117	131	24.16	cps
Antimony	121-1	133	75	75	94	35.66	cps
Arsenic	75-2	5362	5132	5262	5252	2.19	cps
Barium	135-1	108	142	100	117	18.90	cps
Barium	137-1	158	50	108	106	51.37	cps
Beryllium	9-1	15119	15108	15085	15104	0.11	cps
Bismuth	209-1	6721799	6835347	7249003	6935383	4.00	cps
Bismuth	209-2	4637201	4723779	4685678	4682219	0.93	cps
Boron	10-1	475	408	350	411	15.21	cps
Boron	11-1	2217	2117	1925	2086	7.11	cps
Bromine	81-1	7169	7969	7202	7447	6.08	cps
Bromine	81-2	60	80	90	77	19.92	cps
Cadmium	111-1	49944	51107	50757	50603	1.18	cps
Cadmium	106-1	6760	7202	6835	6932	3.41	cps
Cadmium	108-1	2009	2029	2225	2088	5.73	cps
Calcium	43-1	1150	1250	1025	1142	9.87	cps
Calcium	44-1	20506	20582	20665	20584	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64457	61665	61966	62696	2.44	cps
Cobalt	59-2	55053	53835	54658	54515	1.14	cps
Copper	63-2	56264	54511	53380	54719	2.66	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	67	67	75	69	6.93	cps
Erbium	164-2	67	30	13	37	74.42	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	147	133	120	133	10.00	cps
Holmium	165-1	10139873	10267694	10206444	10204670	0.63	cps
Holmium	165-2	6099292	6270677	6210572	6193514	1.40	cps
Indium	115-1	7185656	7203987	7287555	7225733	0.75	cps
Indium	115-2	2148693	2119575	2115933	2128067	0.84	cps
Iron	56-2	1029702	1005451	999419	1011524	1.58	cps
Iron	57-2	25155	24682	24676	24838	1.11	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	57571	58184	55801	57185	2.16	cps
Krypton	83-1	517	547	517	527	3.29	cps
Lead	206-1	120265	121258	121307	120943	0.49	cps
Lead	207-1	105228	106130	105788	105715	0.43	cps
Lead	208-1	477270	483867	481010	480716	0.69	cps
Lithium	6-1	2530175	2592336	2589103	2570538	1.36	cps
Magnesium	24-2	228112	227067	226841	227340	0.30	cps
Manganese	55-2	24737	24547	23896	24394	1.81	cps
Molybdenum	94-1	217	233	125	192	30.44	cps
Molybdenum	95-1	17	0	17	11	86.60	cps
Molybdenum	96-1	100	75	83	86	14.78	cps
Molybdenum	97-1	25	17	0	14	91.65	cps
Molybdenum	98-1	17	33	17	22	43.28	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	323	297	310	4.30	cps
Phosphorus	31-2	483	433	517	478	8.78	cps
Potassium	39-2	42044	37598	37573	39072	6.59	cps
Rhodium	103-1	6551145	6496019	6574072	6540412	0.61	cps
Rhodium	103-2	3774194	3730378	3731760	3745444	0.67	cps
Scandium	45-1	3907432	3949758	3972203	3943131	0.83	cps
Scandium	45-2	316894	310268	309275	312146	1.33	cps
Selenium	82-1	73	11	107	64	75.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	102	113	99	16.17	cps
Silicon	28-1	206514	201431	209236	205727	1.93	cps
Silver	107-1	148418	150491	150288	149732	0.76	cps
Silver	109-1	142729	144127	141249	142701	1.01	cps
Sodium	23-2	12914	12464	12380	12586	2.28	cps
Strontium	86-1	958	917	967	947	2.83	cps
Strontium	88-1	758	900	825	828	8.56	cps
Sulfur	34-1	378123	363988	370820	370977	1.91	cps
Terbium	159-1	10117800	10265048	10212266	10198371	0.73	cps
Terbium	159-2	6055098	6060746	6100137	6071994	0.40	cps
Thallium	203-1	36901	37311	37495	37236	0.82	cps
Thallium	205-1	88620	88996	90497	89371	1.11	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-12	Instrumnet Name :	P7
Client Sample ID :	A0AW1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:40:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	133	117	131	10.63	cps
Tin	118-1	567	600	617	594	4.28	cps
Titanium	47-1	100	92	83	92	9.09	cps
Uranium	238-1	42	25	33	33	25.01	cps
Vanadium	51-2	31367	30381	30194	30647	2.06	cps
Yttrium	89-1	11242984	11451193	11615990	11436722	1.63	cps
Yttrium	89-2	2575689	2507698	2514148	2532512	1.48	cps
Zinc	66-2	7635	7552	7419	7535	1.45	cps
Zirconium	90-1	567	617	692	625	10.07	cps
Zirconium	91-1	200	158	75	144	44.07	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	200	108	183	37.21	cps
Antimony	121-1	153184	153487	153490	153387	0.11	cps
Arsenic	75-2	3749	4056	3947	3917	3.98	cps
Barium	135-1	92229	92741	93161	92710	0.50	cps
Barium	137-1	162945	164303	163038	163428	0.46	cps
Beryllium	9-1	6568	7168	6941	6892	4.40	cps
Bismuth	209-1	7268374	7365833	7279576	7304594	0.73	cps
Bismuth	209-2	4743810	4714499	4792989	4750433	0.83	cps
Boron	10-1	450	308	375	378	18.76	cps
Boron	11-1	1600	1717	1858	1725	7.50	cps
Bromine	81-1	8194	7327	7335	7619	6.54	cps
Bromine	81-2	70	40	80	63	32.87	cps
Cadmium	111-1	29514	29803	30292	29870	1.32	cps
Cadmium	106-1	5635	5576	5760	5657	1.66	cps
Cadmium	108-1	1071	1004	1004	1026	3.75	cps
Calcium	43-1	15775	15575	16526	15959	3.14	cps
Calcium	44-1	251668	253659	260106	255144	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	863	847	897	869	2.93	cps
Cobalt	59-2	70	43	43	52	29.49	cps
Copper	63-2	38464	38808	38768	38680	0.49	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	100	50	83	78	32.73	cps
Erbium	164-2	23	53	37	38	39.79	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	177	133	147	152	14.58	cps
Holmium	165-1	10287710	10379872	10255227	10307603	0.63	cps
Holmium	165-2	6602516	6288299	6379666	6423493	2.52	cps
Indium	115-1	7354197	7282720	7349369	7328762	0.55	cps
Indium	115-2	2158789	2155790	2166539	2160373	0.26	cps
Iron	56-2	7613	7513	7652	7593	0.94	cps
Iron	57-2	289	417	283	330	22.88	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1181	1291	1071	1181	9.32	cps
Krypton	83-1	600	577	470	549	12.63	cps
Lead	206-1	45740	45851	47200	46264	1.76	cps
Lead	207-1	40801	39475	41665	40647	2.71	cps
Lead	208-1	182942	183099	187466	184502	1.39	cps
Lithium	6-1	2565954	2601035	2601950	2589646	0.79	cps
Magnesium	24-2	392	400	425	406	4.28	cps
Manganese	55-2	33037	33518	33395	33317	0.75	cps
Molybdenum	94-1	217	283	183	228	22.35	cps
Molybdenum	95-1	0	0	8	3	173.21	cps
Molybdenum	96-1	25	75	83	61	51.63	cps
Molybdenum	97-1	17	33	8	19	65.47	cps
Molybdenum	98-1	33	33	42	36	13.33	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	9020	9146	9220	9128	1.11	cps
Phosphorus	31-2	475	550	525	517	7.39	cps
Potassium	39-2	176149	171124	177060	174778	1.83	cps
Rhodium	103-1	6612257	6605616	6687835	6635236	0.69	cps
Rhodium	103-2	3781878	3787292	3809730	3792967	0.39	cps
Scandium	45-1	3945396	3968448	3998703	3970849	0.67	cps
Scandium	45-2	315855	313900	318439	316064	0.72	cps
Selenium	82-1	3224	3225	3347	3265	2.16	cps
Selenium	77-2	297	270	280	282	4.77	cps
Selenium	78-2	998	1041	972	1004	3.45	cps
Silicon	28-1	200088	201110	205925	202374	1.54	cps
Silver	107-1	108688	108008	110780	109159	1.32	cps
Silver	109-1	104877	104356	105802	105012	0.70	cps
Sodium	23-2	404628	403980	409837	406148	0.79	cps
Strontium	86-1	1108	958	858	975	12.91	cps
Strontium	88-1	858	758	733	783	8.44	cps
Sulfur	34-1	371547	370052	369693	370431	0.27	cps
Terbium	159-1	10291410	10325360	10416353	10344374	0.62	cps
Terbium	159-2	6223499	6160673	6209453	6197875	0.53	cps
Thallium	203-1	47401	47610	47393	47468	0.26	cps
Thallium	205-1	111546	113136	112842	112508	0.75	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-12	Instrumnet Name :	P7
Client Sample ID :	A0AT9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:43:47	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	117	128	115	12.18	cps
Tin	118-1	592	583	433	536	16.62	cps
Titanium	47-1	67	108	100	92	24.05	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	20	23	30	24	20.83	cps
Yttrium	89-1	11364189	11250499	11496187	11370292	1.08	cps
Yttrium	89-2	2562088	2561357	2583554	2568999	0.49	cps
Zinc	66-2	11855	11912	11561	11776	1.60	cps
Zirconium	90-1	625	642	467	578	16.72	cps
Zirconium	91-1	67	67	142	92	47.24	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65343	65285	64157	64928	1.03	cps
Antimony	121-1	1192	1408	1483	1361	11.13	cps
Arsenic	75-2	269	263	263	265	1.21	cps
Barium	135-1	186297	190637	190798	189244	1.35	cps
Barium	137-1	331344	332797	333523	332554	0.33	cps
Beryllium	9-1	256	139	172	189	31.81	cps
Bismuth	209-1	6773798	6878589	6883636	6845341	0.91	cps
Bismuth	209-2	4723265	4718374	4696268	4712636	0.31	cps
Boron	10-1	3726	3784	3934	3814	2.82	cps
Boron	11-1	16818	16568	17419	16935	2.58	cps
Bromine	81-1	48365	55566	62887	55606	13.06	cps
Bromine	81-2	9713	10735	11116	10521	6.89	cps
Cadmium	111-1	3709	3825	3577	3703	3.35	cps
Cadmium	106-1	3984	4076	3859	3973	2.74	cps
Cadmium	108-1	29	50	21	33	45.07	cps
Calcium	43-1	225621	227201	228537	227120	0.64	cps
Calcium	44-1	3650000	3669744	3682775	3667506	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9086	8839	8733	8886	2.04	cps
Cobalt	59-2	5454	5388	5198	5347	2.49	cps
Copper	63-2	6358	6151	6328	6279	1.78	cps
Dysprosium	156-1	1767	1975	1767	1836	6.55	cps
Dysprosium	156-2	1203	1003	1103	1103	9.06	cps
Erbium	164-1	1667	1608	1700	1658	2.80	cps
Erbium	164-2	1057	1053	990	1033	3.64	cps
Gadolinium	160-1	1308	1650	1725	1561	14.23	cps
Gadolinium	160-2	1230	1217	1180	1209	2.14	cps
Holmium	165-1	10428052	10450769	10427537	10435453	0.13	cps
Holmium	165-2	6598668	6540349	6324812	6487943	2.22	cps
Indium	115-1	7386052	7468050	7267245	7373782	1.37	cps
Indium	115-2	2139252	2156701	2124793	2140249	0.75	cps
Iron	56-2	9398828	9446333	9259970	9368377	1.03	cps
Iron	57-2	238714	237872	232527	236371	1.42	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	516816	523236	503280	514444	1.98	cps
Krypton	83-1	520	610	587	572	8.16	cps
Lead	206-1	57608	59733	59270	58870	1.90	cps
Lead	207-1	48934	49855	50004	49598	1.17	cps
Lead	208-1	228096	230145	232466	230236	0.95	cps
Lithium	6-1	2616315	2585837	2599733	2600628	0.59	cps
Magnesium	24-2	720956	720066	702418	714480	1.46	cps
Manganese	55-2	1035581	1034726	1003032	1024447	1.81	cps
Molybdenum	94-1	1642	1575	1675	1631	3.12	cps
Molybdenum	95-1	1783	1442	1842	1689	12.79	cps
Molybdenum	96-1	1950	1633	1825	1803	8.85	cps
Molybdenum	97-1	925	1092	967	995	8.72	cps
Molybdenum	98-1	2592	2459	2692	2581	4.54	cps
Neodymium	150-1	2767	2847	2747	2787	1.90	cps
Neodymium	150-2	1390	1443	1320	1385	4.47	cps
Nickel	60-2	1307	1170	1427	1301	9.87	cps
Phosphorus	31-2	1575	1542	1433	1517	4.88	cps
Potassium	39-2	649613	649788	636775	645392	1.16	cps
Rhodium	103-1	6510887	6709813	6509127	6576609	1.75	cps
Rhodium	103-2	3744291	3770748	3726669	3747236	0.59	cps
Scandium	45-1	3975715	4044390	4017550	4012551	0.86	cps
Scandium	45-2	316264	320003	312053	316107	1.26	cps
Selenium	82-1	21	-42	39	6	715.21	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	98	120	111	110	10.16	cps
Silicon	28-1	19068870	19077772	18938489	19028377	0.41	cps
Silver	107-1	225	125	183	178	28.26	cps
Silver	109-1	133	133	125	131	3.69	cps
Sodium	23-2	25487734	25493975	24892653	25291454	1.37	cps
Strontium	86-1	171806	173511	174066	173128	0.68	cps
Strontium	88-1	1493582	1501362	1515309	1503418	0.73	cps
Sulfur	34-1	425293	434137	428230	429220	1.05	cps
Terbium	159-1	10481809	10508003	10422756	10470856	0.42	cps
Terbium	159-2	6201705	6273878	6188771	6221451	0.74	cps
Thallium	203-1	283	408	158	283	44.12	cps
Thallium	205-1	867	633	608	703	20.27	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-01	Instrumnet Name :	P7
Client Sample ID :	A0AM7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:54:01	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4568	4423	4812	4601	4.27	cps
Tin	118-1	1917	1475	1442	1611	16.46	cps
Titanium	47-1	13815	12823	16730	14456	14.05	cps
Uranium	238-1	2500	2984	2559	2681	9.84	cps
Vanadium	51-2	5181	5408	4951	5180	4.41	cps
Yttrium	89-1	11535377	11629113	11594895	11586462	0.41	cps
Yttrium	89-2	2561674	2600424	2527701	2563267	1.42	cps
Zinc	66-2	14794	14844	14577	14739	0.96	cps
Zirconium	90-1	1808	1859	1758	1808	2.77	cps
Zirconium	91-1	417	525	425	456	13.23	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20373	20081	20231	20228	0.72	cps
Antimony	121-1	750	1008	692	817	20.64	cps
Arsenic	75-2	146	170	193	170	13.64	cps
Barium	135-1	103465	105321	105850	104879	1.19	cps
Barium	137-1	182696	186983	181741	183807	1.52	cps
Beryllium	9-1	117	161	133	137	16.38	cps
Bismuth	209-1	7246224	7316765	6764762	7109251	4.23	cps
Bismuth	209-2	4616360	4639572	4583161	4613031	0.61	cps
Boron	10-1	3626	3234	3726	3528	7.37	cps
Boron	11-1	16793	16142	17143	16693	3.04	cps
Bromine	81-1	55968	64888	70547	63801	11.52	cps
Bromine	81-2	11717	12077	11547	11780	2.30	cps
Cadmium	111-1	3798	4148	3461	3802	9.03	cps
Cadmium	106-1	4184	4568	3784	4179	9.38	cps
Cadmium	108-1	38	29	46	38	22.21	cps
Calcium	43-1	208786	211516	210263	210188	0.65	cps
Calcium	44-1	3358964	3437623	3354259	3383616	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2237	2190	2277	2235	1.94	cps
Cobalt	59-2	1817	1983	1850	1883	4.68	cps
Copper	63-2	3037	3007	3007	3017	0.57	cps
Dysprosium	156-1	742	775	800	772	3.79	cps
Dysprosium	156-2	417	417	460	431	5.80	cps
Erbium	164-1	783	700	733	739	5.68	cps
Erbium	164-2	460	453	403	439	7.06	cps
Gadolinium	160-1	617	683	633	644	5.38	cps
Gadolinium	160-2	633	660	570	621	7.44	cps
Holmium	165-1	10444312	10423781	10248593	10372229	1.04	cps
Holmium	165-2	6249214	6252053	6184516	6228594	0.61	cps
Indium	115-1	7324549	7224172	7032910	7193877	2.06	cps
Indium	115-2	2047083	2053297	2055026	2051802	0.20	cps
Iron	56-2	4954064	4922147	4924652	4933621	0.36	cps
Iron	57-2	124757	125233	123407	124466	0.76	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	272460	270652	272401	271837	0.38	cps
Krypton	83-1	483	503	563	517	8.06	cps
Lead	206-1	8742	8786	8486	8671	1.87	cps
Lead	207-1	7363	7791	7641	7599	2.86	cps
Lead	208-1	34045	34501	33912	34153	0.90	cps
Lithium	6-1	2532039	2518599	2500200	2516946	0.64	cps
Magnesium	24-2	645989	650757	638954	645233	0.92	cps
Manganese	55-2	413030	412659	412106	412598	0.11	cps
Molybdenum	94-1	1133	1083	1133	1117	2.59	cps
Molybdenum	95-1	1175	1158	1017	1117	7.79	cps
Molybdenum	96-1	1542	1400	1492	1478	4.86	cps
Molybdenum	97-1	733	592	767	697	13.33	cps
Molybdenum	98-1	1817	2042	1875	1911	6.11	cps
Neodymium	150-1	907	820	847	858	5.17	cps
Neodymium	150-2	480	460	443	461	3.98	cps
Nickel	60-2	917	927	773	872	9.84	cps
Phosphorus	31-2	883	708	867	819	11.79	cps
Potassium	39-2	557392	555338	555310	556013	0.21	cps
Rhodium	103-1	6379866	6432093	6265859	6359273	1.34	cps
Rhodium	103-2	3569468	3588404	3574030	3577301	0.28	cps
Scandium	45-1	3823445	3892429	3714523	3810133	2.35	cps
Scandium	45-2	297205	292039	292101	293781	1.01	cps
Selenium	82-1	59	83	2	48	86.66	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	80	93	106	93	14.00	cps
Silicon	28-1	17031146	16937425	16832056	16933542	0.59	cps
Silver	107-1	83	117	125	108	20.35	cps
Silver	109-1	92	100	83	92	9.09	cps
Sodium	23-2	23281254	22969001	22928092	23059449	0.84	cps
Strontium	86-1	163022	165155	161016	163065	1.27	cps
Strontium	88-1	1407978	1416784	1400734	1408499	0.57	cps
Sulfur	34-1	394347	401878	388874	395033	1.65	cps
Terbium	159-1	10345635	10462845	10259246	10355909	0.99	cps
Terbium	159-2	6058016	6008817	6036317	6034383	0.41	cps
Thallium	203-1	233	183	117	178	32.92	cps
Thallium	205-1	483	425	533	481	11.28	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-02	Instrumnet Name :	P7
Client Sample ID :	A0AN1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 11:57:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1561	1522	1467	1517	3.13	cps
Tin	118-1	983	1008	1008	1000	1.44	cps
Titanium	47-1	3209	3534	3501	3414	5.24	cps
Uranium	238-1	1058	1108	1125	1097	3.16	cps
Vanadium	51-2	1817	1850	1803	1823	1.32	cps
Yttrium	89-1	11202962	11329710	10919862	11150845	1.88	cps
Yttrium	89-2	2420506	2418175	2430586	2423089	0.27	cps
Zinc	66-2	8292	8166	8339	8266	1.09	cps
Zirconium	90-1	1233	1225	1417	1292	8.39	cps
Zirconium	91-1	258	250	267	258	3.23	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11655	11104	12314	11691	5.18	cps
Antimony	121-1	917	1050	992	986	6.78	cps
Arsenic	75-2	122	157	157	146	13.95	cps
Barium	135-1	99135	99294	101828	100086	1.51	cps
Barium	137-1	174408	178202	176196	176269	1.08	cps
Beryllium	9-1	72	128	167	122	38.84	cps
Bismuth	209-1	6725826	7292850	6794885	6937854	4.46	cps
Bismuth	209-2	4603306	4602789	4599805	4601967	0.04	cps
Boron	10-1	2925	3250	3476	3217	8.60	cps
Boron	11-1	15183	15533	16568	15761	4.57	cps
Bromine	81-1	56051	64527	72524	64368	12.80	cps
Bromine	81-2	11056	11807	11717	11526	3.56	cps
Cadmium	111-1	3768	3437	3817	3674	5.63	cps
Cadmium	106-1	4142	3792	4209	4048	5.53	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	207772	207459	213027	209420	1.49	cps
Calcium	44-1	3368417	3404567	3375861	3382948	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2320	2397	2194	2304	4.46	cps
Cobalt	59-2	1337	1490	1423	1417	5.43	cps
Copper	63-2	2487	2224	2407	2372	5.69	cps
Dysprosium	156-1	483	542	367	464	19.21	cps
Dysprosium	156-2	280	307	290	292	4.61	cps
Erbium	164-1	508	542	525	525	3.17	cps
Erbium	164-2	267	300	310	292	7.77	cps
Gadolinium	160-1	500	567	392	486	18.17	cps
Gadolinium	160-2	423	387	457	422	8.29	cps
Holmium	165-1	10190374	10406472	10099352	10232066	1.54	cps
Holmium	165-2	6189807	6157699	6170225	6172577	0.26	cps
Indium	115-1	7096383	7043509	6919577	7019823	1.29	cps
Indium	115-2	2010974	2024259	2022104	2019113	0.35	cps
Iron	56-2	4376862	4397571	4349680	4374704	0.55	cps
Iron	57-2	110534	110960	109716	110403	0.57	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	240841	243230	238988	241020	0.88	cps
Krypton	83-1	497	507	500	501	1.02	cps
Lead	206-1	5974	6374	6657	6335	5.42	cps
Lead	207-1	5190	5396	5323	5303	1.97	cps
Lead	208-1	23698	25110	24743	24517	2.99	cps
Lithium	6-1	2378722	2428242	2408441	2405135	1.04	cps
Magnesium	24-2	651946	654540	647883	651456	0.52	cps
Manganese	55-2	369883	374715	369339	371312	0.80	cps
Molybdenum	94-1	883	992	975	950	6.14	cps
Molybdenum	95-1	1200	1200	1175	1192	1.21	cps
Molybdenum	96-1	1233	1217	1350	1267	5.74	cps
Molybdenum	97-1	592	658	658	636	6.05	cps
Molybdenum	98-1	1750	1834	1850	1811	2.96	cps
Neodymium	150-1	520	667	627	604	12.54	cps
Neodymium	150-2	287	290	327	301	7.37	cps
Nickel	60-2	730	760	870	787	9.37	cps
Phosphorus	31-2	725	700	733	719	2.41	cps
Potassium	39-2	552179	554736	548328	551748	0.58	cps
Rhodium	103-1	6077106	6271651	5856333	6068363	3.42	cps
Rhodium	103-2	3496617	3521582	3512005	3510068	0.36	cps
Scandium	45-1	3675303	3686855	3642074	3668077	0.63	cps
Scandium	45-2	289846	289550	285813	288403	0.78	cps
Selenium	82-1	97	123	31	84	56.78	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	76	85	78	80	6.15	cps
Silicon	28-1	15913810	16130218	15981981	16008670	0.69	cps
Silver	107-1	100	117	125	114	11.18	cps
Silver	109-1	92	33	100	75	48.44	cps
Sodium	23-2	22854776	22851289	22686786	22797617	0.42	cps
Strontium	86-1	161051	165712	163561	163441	1.43	cps
Strontium	88-1	1394707	1422507	1416233	1411149	1.03	cps
Sulfur	34-1	373433	375117	367865	372138	1.02	cps
Terbium	159-1	10284050	10398045	10059778	10247291	1.68	cps
Terbium	159-2	5991614	6055998	5978015	6008542	0.69	cps
Thallium	203-1	167	217	192	192	13.05	cps
Thallium	205-1	408	475	392	425	10.38	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03	Instrumnet Name :	P7
Client Sample ID :	A0AN3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:00:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1117	1011	989	1039	6.57	cps
Tin	118-1	1733	2034	1934	1900	8.04	cps
Titanium	47-1	1342	1375	1575	1431	8.82	cps
Uranium	238-1	1092	1075	867	1011	12.40	cps
Vanadium	51-2	1320	1223	1200	1248	5.10	cps
Yttrium	89-1	10772899	11039388	10611868	10808052	2.00	cps
Yttrium	89-2	2367746	2382950	2379127	2376608	0.33	cps
Zinc	66-2	7245	7282	6985	7171	2.26	cps
Zirconium	90-1	1158	1067	850	1025	15.45	cps
Zirconium	91-1	208	233	200	214	8.11	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-04 Instrumnet Name : P7
 Client Sample ID : A0AN3D Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:14:15 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17753	17269	16551	17191	3.52	cps
Antimony	121-1	975	1025	983	995	2.69	cps
Arsenic	75-2	154	144	181	160	12.05	cps
Barium	135-1	163785	165472	166248	165168	0.76	cps
Barium	137-1	285621	286201	291254	287692	1.08	cps
Beryllium	9-1	89	144	117	117	23.81	cps
Bismuth	209-1	7532225	7238717	7253052	7341331	2.25	cps
Bismuth	209-2	4571274	4601851	4561903	4578343	0.46	cps
Boron	10-1	3200	3267	3217	3228	1.08	cps
Boron	11-1	14616	15825	16384	15608	5.79	cps
Bromine	81-1	53475	61029	68103	60869	12.02	cps
Bromine	81-2	11116	11667	11487	11423	2.46	cps
Cadmium	111-1	3744	3397	3942	3694	7.46	cps
Cadmium	106-1	4109	3734	4367	4070	7.83	cps
Cadmium	108-1	13	25	25	21	34.64	cps
Calcium	43-1	213239	214391	218601	215410	1.31	cps
Calcium	44-1	3446597	3499619	3522234	3489483	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2920	2794	2860	2858	2.22	cps
Cobalt	59-2	3737	3731	3654	3707	1.25	cps
Copper	63-2	3164	3400	3157	3240	4.28	cps
Dysprosium	156-1	708	617	617	647	8.18	cps
Dysprosium	156-2	410	387	363	387	6.03	cps
Erbium	164-1	650	725	675	683	5.59	cps
Erbium	164-2	433	437	437	436	0.44	cps
Gadolinium	160-1	617	667	692	658	5.80	cps
Gadolinium	160-2	527	537	537	533	1.08	cps
Holmium	165-1	10733498	10305330	10111892	10383573	3.06	cps
Holmium	165-2	6141510	6174273	6141683	6152489	0.31	cps
Indium	115-1	7240255	7055987	7026637	7107626	1.63	cps
Indium	115-2	2024227	2021818	2013752	2019932	0.27	cps
Iron	56-2	7469329	7474939	7329001	7424423	1.11	cps
Iron	57-2	185037	185887	184908	185277	0.29	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-04	Instrumnet Name :	P7
Client Sample ID :	A0AN3D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:14:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	408073	405986	409134	407731	0.39	cps
Krypton	83-1	537	533	537	536	0.36	cps
Lead	206-1	15793	15782	16661	16078	3.14	cps
Lead	207-1	13485	13307	13318	13370	0.75	cps
Lead	208-1	62809	62018	63677	62835	1.32	cps
Lithium	6-1	2486037	2412597	2403730	2434121	1.86	cps
Magnesium	24-2	686330	679836	676154	680774	0.76	cps
Manganese	55-2	1198999	1195729	1183292	1192673	0.69	cps
Molybdenum	94-1	1217	1117	1200	1178	4.55	cps
Molybdenum	95-1	1425	1217	1200	1281	9.79	cps
Molybdenum	96-1	1500	1467	1417	1461	2.87	cps
Molybdenum	97-1	1058	725	750	844	21.99	cps
Molybdenum	98-1	2234	2059	2042	2111	5.03	cps
Neodymium	150-1	1060	1060	1033	1051	1.46	cps
Neodymium	150-2	470	423	467	453	5.74	cps
Nickel	60-2	833	887	1023	914	10.72	cps
Phosphorus	31-2	1133	1192	1083	1136	4.77	cps
Potassium	39-2	587352	582156	568670	579392	1.66	cps
Rhodium	103-1	6343889	6119694	6162009	6208531	1.92	cps
Rhodium	103-2	3513005	3526161	3519858	3519675	0.19	cps
Scandium	45-1	3796840	3653764	3650340	3700315	2.26	cps
Scandium	45-2	289851	289579	285369	288266	0.87	cps
Selenium	82-1	-8	37	-38	-3	-1238.64	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	70	96	78	81	16.39	cps
Silicon	28-1	16134644	16374633	16316494	16275257	0.77	cps
Silver	107-1	92	167	75	111	43.95	cps
Silver	109-1	25	83	117	75	61.86	cps
Sodium	23-2	22993496	22847164	22724810	22855157	0.59	cps
Strontium	86-1	162424	169521	167498	166481	2.20	cps
Strontium	88-1	1437651	1460218	1463955	1453941	0.98	cps
Sulfur	34-1	361795	368521	363910	364742	0.94	cps
Terbium	159-1	10578229	10247904	10123469	10316534	2.28	cps
Terbium	159-2	5966196	6020864	5953632	5980231	0.60	cps
Thallium	203-1	133	158	108	133	18.75	cps
Thallium	205-1	483	408	467	453	8.70	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-04	Instrumnet Name :	P7
Client Sample ID :	A0AN3D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:14:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1333	1178	1317	1276	6.69	cps
Tin	118-1	1483	1417	1575	1492	5.33	cps
Titanium	47-1	1975	2217	2484	2225	11.43	cps
Uranium	238-1	1158	1375	1167	1233	9.95	cps
Vanadium	51-2	2074	2107	2230	2137	3.86	cps
Yttrium	89-1	11233382	10812660	10847921	10964654	2.13	cps
Yttrium	89-2	2389463	2392728	2364120	2382104	0.66	cps
Zinc	66-2	11294	11228	11268	11263	0.30	cps
Zirconium	90-1	1325	1242	1192	1253	5.38	cps
Zirconium	91-1	275	267	217	253	12.48	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2200	2425	2200	2275	5.71	cps
Antimony	121-1	150	192	233	192	21.74	cps
Arsenic	75-2	26	33	31	30	12.73	cps
Barium	135-1	19280	19673	19114	19356	1.48	cps
Barium	137-1	34911	34318	36006	35078	2.44	cps
Beryllium	9-1	44	33	61	46	30.20	cps
Bismuth	209-1	7407686	6893871	6860883	7054147	4.35	cps
Bismuth	209-2	4590030	4584502	4652398	4608977	0.82	cps
Boron	10-1	925	942	892	920	2.77	cps
Boron	11-1	4159	4601	4417	4392	5.05	cps
Bromine	81-1	24955	26901	25423	25760	3.94	cps
Bromine	81-2	3224	2993	2933	3050	5.03	cps
Cadmium	111-1	3770	3877	3757	3801	1.72	cps
Cadmium	106-1	4167	4301	4142	4204	2.03	cps
Cadmium	108-1	8	25	0	11	114.58	cps
Calcium	43-1	41575	41643	40414	41211	1.68	cps
Calcium	44-1	660699	655151	659733	658528	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1230	1100	1160	1163	5.59	cps
Cobalt	59-2	293	327	287	302	7.09	cps
Copper	63-2	1173	1097	1040	1103	6.06	cps
Dysprosium	156-1	108	142	67	106	35.60	cps
Dysprosium	156-2	30	43	63	46	36.83	cps
Erbium	164-1	200	217	167	194	13.09	cps
Erbium	164-2	77	120	87	94	24.02	cps
Gadolinium	160-1	100	100	150	117	24.74	cps
Gadolinium	160-2	190	183	197	190	3.51	cps
Holmium	165-1	10350770	10133147	10060555	10181491	1.48	cps
Holmium	165-2	6075461	6116087	6179270	6123606	0.85	cps
Indium	115-1	7208876	7051642	7003008	7087842	1.52	cps
Indium	115-2	2020785	2031115	2021722	2024541	0.28	cps
Iron	56-2	864061	866729	863223	864671	0.21	cps
Iron	57-2	21650	22540	21388	21859	2.76	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	47414	47966	48870	48084	1.53	cps
Krypton	83-1	537	577	583	566	4.46	cps
Lead	206-1	1811	1611	1750	1724	5.94	cps
Lead	207-1	1500	1622	1439	1520	6.14	cps
Lead	208-1	6990	6829	6745	6855	1.81	cps
Lithium	6-1	2366320	2380930	2370662	2372638	0.32	cps
Magnesium	24-2	126386	130622	128077	128362	1.66	cps
Manganese	55-2	73268	73452	72882	73201	0.40	cps
Molybdenum	94-1	333	283	317	311	8.18	cps
Molybdenum	95-1	158	233	142	178	27.47	cps
Molybdenum	96-1	325	292	292	303	6.36	cps
Molybdenum	97-1	92	142	167	133	28.64	cps
Molybdenum	98-1	383	283	367	344	15.56	cps
Neodymium	150-1	127	120	127	124	3.09	cps
Neodymium	150-2	50	73	50	58	23.31	cps
Nickel	60-2	257	227	257	247	7.02	cps
Phosphorus	31-2	475	442	500	472	6.20	cps
Potassium	39-2	132848	135025	133898	133923	0.81	cps
Rhodium	103-1	6360697	6245396	6248659	6284918	1.04	cps
Rhodium	103-2	3527668	3571621	3567470	3555587	0.68	cps
Scandium	45-1	3752667	3636951	3668435	3686018	1.62	cps
Scandium	45-2	288356	289565	289452	289124	0.23	cps
Selenium	82-1	-34	-27	-52	-38	-34.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	96	83	90	7.22	cps
Silicon	28-1	3257564	3228931	3285503	3257333	0.87	cps
Silver	107-1	125	67	83	92	32.77	cps
Silver	109-1	17	33	25	25	33.32	cps
Sodium	23-2	4426147	4550255	4505982	4494128	1.40	cps
Strontium	86-1	32654	31986	31527	32056	1.77	cps
Strontium	88-1	275544	275882	277269	276232	0.33	cps
Sulfur	34-1	327902	316870	324227	323000	1.74	cps
Terbium	159-1	10374499	10209299	10114231	10232676	1.29	cps
Terbium	159-2	5879320	5993699	5978092	5950370	1.04	cps
Thallium	203-1	67	92	83	81	15.80	cps
Thallium	205-1	333	333	258	308	14.04	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN3L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 12:17:20	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	200	278	289	256	18.95	cps
Tin	118-1	767	2545	783	1365	74.86	cps
Titanium	47-1	350	408	333	364	10.82	cps
Uranium	238-1	125	100	300	175	62.27	cps
Vanadium	51-2	303	277	203	261	19.83	cps
Yttrium	89-1	11023184	10741111	10888807	10884367	1.30	cps
Yttrium	89-2	2369960	2385646	2383851	2379819	0.36	cps
Zinc	66-2	1793	1607	1630	1677	6.07	cps
Zirconium	90-1	575	442	700	572	22.58	cps
Zirconium	91-1	92	133	108	111	18.88	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6646465	6554617	6499421	6566834	1.13	cps
Antimony	121-1	3572274	3613576	3519467	3568439	1.32	cps
Arsenic	75-2	155307	154872	151011	153730	1.54	cps
Barium	135-1	4359644	4367743	4289104	4338830	1.00	cps
Barium	137-1	7784736	7823447	7742457	7783547	0.52	cps
Beryllium	9-1	741630	731030	718548	730403	1.58	cps
Bismuth	209-1	6419960	6478395	6425315	6441223	0.50	cps
Bismuth	209-2	4203617	4186955	4190682	4193751	0.21	cps
Boron	10-1	92984	96541	96431	95318	2.12	cps
Boron	11-1	434334	443170	457326	444943	2.61	cps
Bromine	81-1	9829	9895	9712	9812	0.95	cps
Bromine	81-2	470	471	310	417	22.17	cps
Cadmium	111-1	1487369	1475779	1460725	1474624	0.91	cps
Cadmium	106-1	113106	113493	112913	113171	0.26	cps
Cadmium	108-1	75670	75972	74791	75478	0.81	cps
Calcium	43-1	4770345	4676822	4683530	4710232	1.11	cps
Calcium	44-1	75282448	73888604	72765527	73978859	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1317810	1319072	1295551	1310811	1.01	cps
Cobalt	59-2	2104507	2091791	2072734	2089677	0.77	cps
Copper	63-2	14797401	14909107	14822179	14842896	0.40	cps
Dysprosium	156-1	842	808	742	797	6.39	cps
Dysprosium	156-2	557	627	580	588	6.06	cps
Erbium	164-1	167	208	250	208	20.00	cps
Erbium	164-2	133	157	147	146	8.04	cps
Gadolinium	160-1	942	817	867	875	7.19	cps
Gadolinium	160-2	660	630	723	671	7.10	cps
Holmium	165-1	10009657	10107889	10155695	10091080	0.74	cps
Holmium	165-2	6017227	5989666	5964021	5990305	0.44	cps
Indium	115-1	6566251	6593003	6566080	6575111	0.24	cps
Indium	115-2	1867489	1862361	1854173	1861341	0.36	cps
Iron	56-2	302216862	302819129	299193562	301409851	0.64	cps
Iron	57-2	7690220	7643852	7521993	7618688	1.14	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16546383	16466054	16059445	16357294	1.60	cps
Krypton	83-1	490	523	517	510	3.46	cps
Lead	206-1	19063154	18883362	18955228	18967248	0.48	cps
Lead	207-1	16864452	16731464	16721988	16772635	0.47	cps
Lead	208-1	76769990	76461493	75980327	76403937	0.52	cps
Lithium	6-1	2348134	2316311	2306727	2323724	0.93	cps
Magnesium	24-2	69861718	69200389	69248824	69436977	0.53	cps
Manganese	55-2	10205039	10025258	9861774	10030690	1.71	cps
Molybdenum	94-1	6964773	6883942	6847966	6898894	0.87	cps
Molybdenum	95-1	8526076	8457297	8370342	8451238	0.92	cps
Molybdenum	96-1	9372083	9470889	9294757	9379243	0.94	cps
Molybdenum	97-1	5270360	5197856	5155728	5207981	1.11	cps
Molybdenum	98-1	13770603	13715736	13516920	13667753	0.98	cps
Neodymium	150-1	460	467	440	456	3.05	cps
Neodymium	150-2	97	163	90	117	34.76	cps
Nickel	60-2	577251	577424	569923	574866	0.74	cps
Phosphorus	31-2	62121	62707	61293	62040	1.15	cps
Potassium	39-2	34538555	34468211	33733241	34246669	1.30	cps
Rhodium	103-1	5397933	5427709	5396792	5407478	0.32	cps
Rhodium	103-2	3168842	3160490	3130475	3153269	0.64	cps
Scandium	45-1	3568944	3569277	3533325	3557182	0.58	cps
Scandium	45-2	275626	278193	270693	274837	1.39	cps
Selenium	82-1	59858	59309	58639	59269	1.03	cps
Selenium	77-2	4864	4731	4511	4702	3.80	cps
Selenium	78-2	15592	15151	15944	15562	2.55	cps
Silicon	28-1	2272242	2308262	2327930	2302811	1.23	cps
Silver	107-1	4524194	4504724	4480850	4503256	0.48	cps
Silver	109-1	4364538	4327620	4323998	4338719	0.52	cps
Sodium	23-2	116002278	116903686	116214444	116373469	0.40	cps
Strontium	86-1	10885082	10767205	10671781	10774689	0.99	cps
Strontium	88-1	93321798	92903602	92323427	92849609	0.54	cps
Sulfur	34-1	648635	643201	627322	639719	1.73	cps
Terbium	159-1	10017267	10120352	10089896	10075838	0.53	cps
Terbium	159-2	5808920	5818521	5779432	5802291	0.35	cps
Thallium	203-1	4431157	4406255	4395159	4410857	0.42	cps
Thallium	205-1	11013677	10904546	10979873	10966032	0.51	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:20:26	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17354898	17474974	17259746	17363206	0.62	cps
Tin	118-1	3022857	3044135	2972565	3013186	1.22	cps
Titanium	47-1	2151793	2115253	2085572	2117539	1.57	cps
Uranium	238-1	16420358	16515360	16236389	16390702	0.87	cps
Vanadium	51-2	1109084	1112686	1091200	1104323	1.04	cps
Yttrium	89-1	10432334	10654433	10419162	10501976	1.26	cps
Yttrium	89-2	2308623	2285514	2268955	2287697	0.87	cps
Zinc	66-2	2469932	2453667	2426059	2449886	0.91	cps
Zirconium	90-1	5852782	5812649	5818809	5828080	0.37	cps
Zirconium	91-1	1288368	1277322	1258824	1274838	1.17	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:25:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	242	308	267	13.62	cps
Antimony	121-1	675	758	908	781	15.15	cps
Arsenic	75-2	13	11	6	10	38.99	cps
Barium	135-1	117	83	75	92	24.05	cps
Barium	137-1	192	175	225	197	12.91	cps
Beryllium	9-1	67	83	111	87	25.79	cps
Bismuth	209-1	6600646	6706075	6730476	6679066	1.03	cps
Bismuth	209-2	4575329	4574373	4596699	4582133	0.28	cps
Boron	10-1	1392	1258	1250	1300	6.11	cps
Boron	11-1	6043	6168	5685	5965	4.21	cps
Bromine	81-1	7210	7510	7069	7263	3.11	cps
Bromine	81-2	120	150	130	133	11.46	cps
Cadmium	111-1	3540	3381	3434	3452	2.34	cps
Cadmium	106-1	3859	3726	3759	3781	1.84	cps
Cadmium	108-1	42	38	42	40	5.98	cps
Calcium	43-1	208	200	258	222	14.20	cps
Calcium	44-1	5618	5268	5251	5379	3.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	857	830	843	843	1.58	cps
Cobalt	59-2	110	77	120	102	22.19	cps
Copper	63-2	1083	1397	1220	1233	12.74	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	33	50	47	26.96	cps
Erbium	164-2	63	30	60	51	35.92	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	140	140	113	131	11.74	cps
Holmium	165-1	10028587	9993365	10086481	10036144	0.47	cps
Holmium	165-2	6042347	6100140	6072915	6071801	0.48	cps
Indium	115-1	6984121	6960139	7013888	6986049	0.39	cps
Indium	115-2	2008664	2026041	2022398	2019035	0.45	cps
Iron	56-2	12177	12984	13846	13002	6.42	cps
Iron	57-2	333	328	294	319	6.60	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:25:53 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1331	1452	1492	1425	5.85	cps
Krypton	83-1	460	620	583	554	15.12	cps
Lead	206-1	1439	1461	1422	1441	1.35	cps
Lead	207-1	1467	1222	1361	1350	9.08	cps
Lead	208-1	6234	5901	5951	6028	2.98	cps
Lithium	6-1	2353392	2354361	2396550	2368101	1.04	cps
Magnesium	24-2	1909	2467	2442	2272	13.88	cps
Manganese	55-2	313	363	420	366	14.60	cps
Molybdenum	94-1	533	633	483	550	13.89	cps
Molybdenum	95-1	325	392	350	356	9.47	cps
Molybdenum	96-1	483	467	492	481	2.65	cps
Molybdenum	97-1	233	267	167	222	22.91	cps
Molybdenum	98-1	592	425	683	567	23.11	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	200	210	189	15.01	cps
Phosphorus	31-2	525	342	592	486	26.63	cps
Potassium	39-2	35585	37389	34399	35791	4.21	cps
Rhodium	103-1	6246563	6213313	6174547	6211474	0.58	cps
Rhodium	103-2	3518930	3561913	3546105	3542316	0.61	cps
Scandium	45-1	3597256	3608992	3608257	3604835	0.18	cps
Scandium	45-2	288835	289193	286929	288319	0.42	cps
Selenium	82-1	34	-122	-64	-51	-155.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	83	126	98	25.22	cps
Silicon	28-1	176318	174002	173140	174487	0.94	cps
Silver	107-1	292	292	258	281	6.86	cps
Silver	109-1	217	300	208	242	20.98	cps
Sodium	23-2	27509	26524	26215	26749	2.53	cps
Strontium	86-1	917	1067	1083	1022	8.98	cps
Strontium	88-1	2200	1800	2209	2070	11.28	cps
Sulfur	34-1	330505	322815	324673	325998	1.23	cps
Terbium	159-1	9966400	10017342	10173078	10052273	1.07	cps
Terbium	159-2	5880955	5960761	5905191	5915635	0.69	cps
Thallium	203-1	917	1017	758	897	14.52	cps
Thallium	205-1	2342	2417	2259	2339	3.39	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:25:53	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	872	733	844	817	9.00	cps
Tin	118-1	650	842	642	711	15.91	cps
Titanium	47-1	100	83	75	86	14.78	cps
Uranium	238-1	325	342	325	331	2.91	cps
Vanadium	51-2	57	50	50	52	7.37	cps
Yttrium	89-1	10746654	10786707	10754788	10762716	0.20	cps
Yttrium	89-2	2367459	2389484	2380235	2379059	0.46	cps
Zinc	66-2	420	333	427	393	13.24	cps
Zirconium	90-1	750	800	808	786	4.01	cps
Zirconium	91-1	250	208	258	239	11.21	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	296637	295229	295127	295664	0.29	cps
Antimony	121-1	733359	749140	749747	744082	1.25	cps
Arsenic	75-2	12909	12707	12487	12701	1.66	cps
Barium	135-1	3707806	3739630	3730717	3726051	0.44	cps
Barium	137-1	6650982	6728086	6790115	6723061	1.04	cps
Beryllium	9-1	75051	74247	73119	74139	1.31	cps
Bismuth	209-1	6549063	6543760	6639222	6577348	0.82	cps
Bismuth	209-2	4469630	4447865	4494264	4470586	0.52	cps
Boron	10-1	3992	4001	3834	3942	2.38	cps
Boron	11-1	18228	17786	18395	18136	1.74	cps
Bromine	81-1	34041	41494	45539	40358	14.45	cps
Bromine	81-2	6859	6628	7379	6956	5.53	cps
Cadmium	111-1	146439	150162	148786	148462	1.27	cps
Cadmium	106-1	12256	12698	12673	12542	1.98	cps
Cadmium	108-1	6168	6543	6402	6371	2.97	cps
Calcium	43-1	202627	205752	209486	205955	1.67	cps
Calcium	44-1	3308674	3342281	3324216	3325057	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563643	561724	554100	559822	0.90	cps
Cobalt	59-2	2202540	2198557	2175150	2192082	0.68	cps
Copper	63-2	776563	774731	766398	772564	0.70	cps
Dysprosium	156-1	917	925	1017	953	5.82	cps
Dysprosium	156-2	593	673	597	621	7.29	cps
Erbium	164-1	733	958	925	872	13.92	cps
Erbium	164-2	630	457	610	566	16.77	cps
Gadolinium	160-1	950	1033	783	922	13.80	cps
Gadolinium	160-2	650	720	640	670	6.51	cps
Holmium	165-1	9814213	9970997	10089150	9958120	1.39	cps
Holmium	165-2	5985292	6013911	6058631	6019278	0.61	cps
Indium	115-1	6699052	6768083	6836521	6767885	1.02	cps
Indium	115-2	1963054	1961638	1966654	1963782	0.13	cps
Iron	56-2	12482991	12386511	12234379	12367961	1.01	cps
Iron	57-2	311074	306632	308197	308634	0.73	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	691479	693200	691803	692161	0.13	cps
Krypton	83-1	613	467	517	532	14.01	cps
Lead	206-1	177886	179738	178996	178873	0.52	cps
Lead	207-1	158059	158925	162039	159674	1.31	cps
Lead	208-1	718444	720042	730562	723016	0.91	cps
Lithium	6-1	2313999	2357284	2346613	2339299	0.96	cps
Magnesium	24-2	645165	632111	629608	635628	1.31	cps
Manganese	55-2	3099985	3078125	3048392	3075501	0.84	cps
Molybdenum	94-1	2117	2084	2184	2128	2.39	cps
Molybdenum	95-1	1792	1617	2017	1809	11.09	cps
Molybdenum	96-1	2317	2075	2300	2231	6.05	cps
Molybdenum	97-1	1000	1067	1075	1047	3.93	cps
Molybdenum	98-1	2634	2500	2825	2653	6.16	cps
Neodymium	150-1	1527	1600	1713	1613	5.83	cps
Neodymium	150-2	760	787	763	770	1.89	cps
Nickel	60-2	560289	556648	556901	557946	0.36	cps
Phosphorus	31-2	1417	1508	1392	1439	4.27	cps
Potassium	39-2	681142	671188	661736	671355	1.45	cps
Rhodium	103-1	5699676	5728815	5736223	5721571	0.34	cps
Rhodium	103-2	3406027	3411061	3448759	3421949	0.68	cps
Scandium	45-1	3504303	3538480	3541971	3528252	0.59	cps
Scandium	45-2	281676	280420	278254	280117	0.62	cps
Selenium	82-1	11243	11395	11524	11387	1.23	cps
Selenium	77-2	923	883	960	922	4.16	cps
Selenium	78-2	3243	3243	3149	3211	1.70	cps
Silicon	28-1	15325677	15272423	15335985	15311362	0.22	cps
Silver	107-1	451644	464246	460502	458797	1.41	cps
Silver	109-1	451675	447768	454911	451451	0.79	cps
Sodium	23-2	21637124	21294688	21358590	21430134	0.85	cps
Strontium	86-1	155523	161414	159173	158703	1.87	cps
Strontium	88-1	1357759	1369481	1385592	1370944	1.02	cps
Sulfur	34-1	374892	362233	360941	366022	2.11	cps
Terbium	159-1	9927449	9976614	10018168	9974077	0.46	cps
Terbium	159-2	5819063	5822990	5865757	5835936	0.44	cps
Thallium	203-1	445720	449033	457954	450902	1.40	cps
Thallium	205-1	1076535	1085259	1101991	1087928	1.19	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-05	Instrumnet Name :	P7
Client Sample ID :	A0AN3S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:29:01	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1672	1761	1650	1695	3.47	cps
Tin	118-1	16552	18079	17044	17225	4.52	cps
Titanium	47-1	3409	3392	4051	3617	10.38	cps
Uranium	238-1	2117	2125	2175	2139	1.47	cps
Vanadium	51-2	1146324	1140176	1123105	1136535	1.06	cps
Yttrium	89-1	10470547	10631724	10546644	10549638	0.76	cps
Yttrium	89-2	2307318	2322550	2319500	2316456	0.35	cps
Zinc	66-2	318430	317670	317548	317883	0.15	cps
Zirconium	90-1	3009	2875	3209	3031	5.54	cps
Zirconium	91-1	883	850	500	744	28.53	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-06 Instrumnet Name : P7
 Client Sample ID : A0AN7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:32:07 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13982	13381	14750	14038	4.89	cps
Antimony	121-1	950	950	917	939	2.05	cps
Arsenic	75-2	144	152	150	149	2.59	cps
Barium	135-1	104020	104775	104691	104495	0.40	cps
Barium	137-1	183159	182594	183335	183029	0.21	cps
Beryllium	9-1	178	128	106	137	26.99	cps
Bismuth	209-1	7256754	6869040	6918661	7014819	3.01	cps
Bismuth	209-2	4507644	4615696	4517674	4547005	1.31	cps
Boron	10-1	3467	3859	3592	3639	5.50	cps
Boron	11-1	16760	18762	17585	17702	5.68	cps
Bromine	81-1	48624	59439	63096	57053	13.19	cps
Bromine	81-2	10815	11216	11486	11172	3.02	cps
Cadmium	111-1	3947	3435	3631	3671	7.03	cps
Cadmium	106-1	4334	3792	3942	4023	6.95	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	194579	195593	198074	196082	0.92	cps
Calcium	44-1	3151527	3139797	3206942	3166089	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2464	2334	2504	2434	3.65	cps
Cobalt	59-2	1693	1680	1673	1682	0.61	cps
Copper	63-2	2650	2757	2854	2754	3.69	cps
Dysprosium	156-1	575	425	500	500	15.00	cps
Dysprosium	156-2	243	290	313	282	12.63	cps
Erbium	164-1	633	458	500	531	17.23	cps
Erbium	164-2	287	320	347	318	9.46	cps
Gadolinium	160-1	633	500	592	575	11.86	cps
Gadolinium	160-2	397	470	470	446	9.50	cps
Holmium	165-1	10373856	10229110	10228920	10277295	0.81	cps
Holmium	165-2	6084579	6128311	6068602	6093831	0.51	cps
Indium	115-1	6999813	7034843	7114036	7049564	0.83	cps
Indium	115-2	1991465	2008626	1985579	1995223	0.60	cps
Iron	56-2	4490217	4510174	4466587	4488993	0.49	cps
Iron	57-2	112449	113439	112069	112652	0.63	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-06	Instrumnet Name :	P7
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:32:07	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	250141	248473	247900	248838	0.47	cps
Krypton	83-1	483	487	490	487	0.68	cps
Lead	206-1	8558	9259	8547	8788	4.64	cps
Lead	207-1	7530	7302	7513	7449	1.71	cps
Lead	208-1	34117	34340	33878	34112	0.68	cps
Lithium	6-1	2403226	2417554	2415785	2412188	0.32	cps
Magnesium	24-2	608931	616159	611272	612120	0.60	cps
Manganese	55-2	411727	413506	413434	412889	0.24	cps
Molybdenum	94-1	1150	867	1033	1017	14.01	cps
Molybdenum	95-1	1258	1258	1100	1206	7.58	cps
Molybdenum	96-1	1325	1183	1358	1289	7.21	cps
Molybdenum	97-1	592	825	817	744	17.78	cps
Molybdenum	98-1	2084	1667	1775	1842	11.74	cps
Neodymium	150-1	767	660	607	678	12.02	cps
Neodymium	150-2	370	370	323	354	7.60	cps
Nickel	60-2	817	850	823	830	2.12	cps
Phosphorus	31-2	692	708	858	753	12.19	cps
Potassium	39-2	535174	539941	538781	537965	0.46	cps
Rhodium	103-1	6204295	6066934	6255595	6175608	1.58	cps
Rhodium	103-2	3456855	3478299	3454153	3463103	0.38	cps
Scandium	45-1	3585777	3617565	3656334	3619892	0.98	cps
Scandium	45-2	281816	285036	283295	283382	0.57	cps
Selenium	82-1	55	24	16	32	64.10	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	100	122	85	102	18.19	cps
Silicon	28-1	15389188	15231273	15533080	15384513	0.98	cps
Silver	107-1	283	258	217	253	13.32	cps
Silver	109-1	208	225	183	206	10.20	cps
Sodium	23-2	22315551	22349389	21850123	22171687	1.26	cps
Strontium	86-1	154741	153956	155465	154720	0.49	cps
Strontium	88-1	1341322	1354358	1359025	1351568	0.68	cps
Sulfur	34-1	325917	320713	331610	326080	1.67	cps
Terbium	159-1	10280107	10235042	10350878	10288675	0.57	cps
Terbium	159-2	5912470	5978269	5959505	5950081	0.57	cps
Thallium	203-1	617	500	442	519	17.15	cps
Thallium	205-1	1200	1175	1258	1211	3.53	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-06	Instrumnet Name :	P7
Client Sample ID :	A0AN7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:32:07	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1133	1000	1206	1113	9.37	cps
Tin	118-1	1558	1425	1250	1411	10.96	cps
Titanium	47-1	2075	2275	2375	2242	6.81	cps
Uranium	238-1	1250	1117	1058	1142	8.61	cps
Vanadium	51-2	1427	1427	1610	1488	7.12	cps
Yttrium	89-1	10833885	10842199	10932398	10869494	0.50	cps
Yttrium	89-2	2333894	2355297	2320052	2336414	0.76	cps
Zinc	66-2	12045	11238	11431	11571	3.64	cps
Zirconium	90-1	1100	1242	1133	1158	6.40	cps
Zirconium	91-1	250	233	300	261	13.29	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13206	13156	12731	13031	2.00	cps
Antimony	121-1	1108	1033	900	1014	10.41	cps
Arsenic	75-2	148	154	150	151	1.88	cps
Barium	135-1	102727	100863	103810	102467	1.45	cps
Barium	137-1	179571	177420	178195	178395	0.61	cps
Beryllium	9-1	139	72	117	109	31.07	cps
Bismuth	209-1	6710990	6814992	6802576	6776186	0.84	cps
Bismuth	209-2	4524660	4571389	4574272	4556774	0.61	cps
Boron	10-1	3684	3475	3692	3617	3.39	cps
Boron	11-1	16860	17969	17419	17416	3.19	cps
Bromine	81-1	57808	66922	69987	64906	9.76	cps
Bromine	81-2	11847	11957	12839	12214	4.45	cps
Cadmium	111-1	3629	3681	3626	3645	0.86	cps
Cadmium	106-1	3984	4067	3992	4015	1.14	cps
Cadmium	108-1	29	33	17	26	32.86	cps
Calcium	43-1	203996	202188	209329	205171	1.81	cps
Calcium	44-1	3292609	3322541	3352883	3322678	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2087	2254	2170	2170	3.84	cps
Cobalt	59-2	1673	1560	1573	1602	3.87	cps
Copper	63-2	2970	3077	3040	3029	1.79	cps
Dysprosium	156-1	433	458	483	458	5.46	cps
Dysprosium	156-2	233	323	267	274	16.58	cps
Erbium	164-1	525	475	517	506	5.30	cps
Erbium	164-2	297	370	370	346	12.25	cps
Gadolinium	160-1	450	575	450	492	14.68	cps
Gadolinium	160-2	447	370	390	402	9.89	cps
Holmium	165-1	10056190	10137093	10290820	10161368	1.17	cps
Holmium	165-2	6111662	6128969	6122721	6121117	0.14	cps
Indium	115-1	6906831	6933278	7076003	6972038	1.31	cps
Indium	115-2	1987010	2015986	1993916	1998970	0.76	cps
Iron	56-2	4529826	4599931	4523154	4550970	0.93	cps
Iron	57-2	113164	117896	114839	115300	2.08	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	252706	253423	252329	252819	0.22	cps
Krypton	83-1	477	487	473	479	1.45	cps
Lead	206-1	7602	7658	7469	7576	1.28	cps
Lead	207-1	6335	6246	6402	6328	1.23	cps
Lead	208-1	29674	29758	29897	29776	0.38	cps
Lithium	6-1	2366372	2361398	2293112	2340294	1.75	cps
Magnesium	24-2	631506	639231	631888	634208	0.69	cps
Manganese	55-2	398840	407990	400164	402331	1.23	cps
Molybdenum	94-1	1058	1175	900	1045	13.21	cps
Molybdenum	95-1	1017	1208	1117	1114	8.61	cps
Molybdenum	96-1	1383	1450	1308	1381	5.13	cps
Molybdenum	97-1	642	900	775	772	16.73	cps
Molybdenum	98-1	1884	1750	1892	1842	4.32	cps
Neodymium	150-1	620	660	707	662	6.55	cps
Neodymium	150-2	330	287	363	327	11.77	cps
Nickel	60-2	940	783	833	852	9.39	cps
Phosphorus	31-2	792	800	617	736	14.06	cps
Potassium	39-2	538293	543847	546435	542858	0.77	cps
Rhodium	103-1	6185110	6076156	6207506	6156257	1.14	cps
Rhodium	103-2	3453265	3500458	3469958	3474560	0.69	cps
Scandium	45-1	3603649	3592408	3656830	3617629	0.95	cps
Scandium	45-2	281710	288510	283292	284504	1.25	cps
Selenium	82-1	105	49	81	78	35.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	67	81	78	12.60	cps
Silicon	28-1	15854817	15870861	16405423	16043701	1.95	cps
Silver	107-1	217	192	233	214	9.81	cps
Silver	109-1	142	133	75	117	31.14	cps
Sodium	23-2	22221323	22203814	21986137	22137091	0.59	cps
Strontium	86-1	158726	160839	161160	160242	0.83	cps
Strontium	88-1	1394756	1398557	1404058	1399123	0.33	cps
Sulfur	34-1	340081	332353	353958	342131	3.20	cps
Terbium	159-1	10164140	10216791	10240559	10207163	0.38	cps
Terbium	159-2	5889720	5970378	5909405	5923168	0.71	cps
Thallium	203-1	267	217	267	250	11.55	cps
Thallium	205-1	625	692	642	653	5.32	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-07	Instrumnet Name :	P7
Client Sample ID :	A0AN9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:35:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1400	1333	1545	1426	7.57	cps
Tin	118-1	1217	1100	1175	1164	5.08	cps
Titanium	47-1	1917	1858	1817	1864	2.70	cps
Uranium	238-1	1217	900	1067	1061	14.93	cps
Vanadium	51-2	1360	1383	1287	1343	3.75	cps
Yttrium	89-1	10690427	10774383	10817518	10760776	0.60	cps
Yttrium	89-2	2323004	2386138	2346697	2351946	1.36	cps
Zinc	66-2	6395	6208	6301	6301	1.48	cps
Zirconium	90-1	1267	1233	1258	1253	1.39	cps
Zirconium	91-1	250	267	308	275	10.93	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-08 Instrumnet Name : P7
 Client Sample ID : A0AP7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:38:21 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17861	17844	17844	17850	0.05	cps
Antimony	121-1	1167	1008	1342	1172	14.22	cps
Arsenic	75-2	156	156	133	148	8.66	cps
Barium	135-1	100217	101712	102232	101387	1.03	cps
Barium	137-1	175359	179014	183385	179253	2.24	cps
Beryllium	9-1	61	167	111	113	46.74	cps
Bismuth	209-1	6570636	6803798	6753348	6709261	1.83	cps
Bismuth	209-2	4466323	4550720	4544994	4520679	1.04	cps
Boron	10-1	3434	3676	3492	3534	3.57	cps
Boron	11-1	16876	17527	17143	17182	1.90	cps
Bromine	81-1	51459	60954	61942	58118	9.96	cps
Bromine	81-2	10284	10705	10835	10608	2.71	cps
Cadmium	111-1	3611	3990	3760	3787	5.04	cps
Cadmium	106-1	3951	4376	4117	4148	5.16	cps
Cadmium	108-1	46	17	17	26	63.80	cps
Calcium	43-1	193153	194552	199055	195587	1.58	cps
Calcium	44-1	3143293	3142621	3205993	3163969	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5278	5084	5071	5144	2.25	cps
Cobalt	59-2	1887	2050	2034	1990	4.52	cps
Copper	63-2	3477	3650	3694	3607	3.18	cps
Dysprosium	156-1	542	575	525	547	4.65	cps
Dysprosium	156-2	363	370	327	353	6.60	cps
Erbium	164-1	608	625	617	617	1.35	cps
Erbium	164-2	367	340	373	360	4.90	cps
Gadolinium	160-1	625	692	533	617	12.89	cps
Gadolinium	160-2	473	430	477	460	5.66	cps
Holmium	165-1	10060765	10221047	10130860	10137557	0.79	cps
Holmium	165-2	5961858	6077051	6050669	6029859	1.00	cps
Indium	115-1	6812202	6867261	6981972	6887145	1.26	cps
Indium	115-2	1977249	1989586	1982503	1983113	0.31	cps
Iron	56-2	5696468	5603899	5577053	5625807	1.11	cps
Iron	57-2	140429	139168	140037	139878	0.46	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-08	Instrumnet Name :	P7
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:38:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	306671	308982	308447	308033	0.39	cps
Krypton	83-1	520	510	483	504	3.76	cps
Lead	206-1	39865	39119	39559	39514	0.95	cps
Lead	207-1	33353	33849	33336	33513	0.87	cps
Lead	208-1	155231	155639	154571	155147	0.35	cps
Lithium	6-1	2317548	2376975	2335490	2343338	1.30	cps
Magnesium	24-2	614305	603869	605651	607942	0.92	cps
Manganese	55-2	488943	491067	489124	489712	0.24	cps
Molybdenum	94-1	1025	992	1058	1025	3.25	cps
Molybdenum	95-1	1258	1117	1233	1203	6.29	cps
Molybdenum	96-1	1283	1300	1133	1239	7.41	cps
Molybdenum	97-1	692	558	658	636	10.91	cps
Molybdenum	98-1	1675	1608	1875	1720	8.07	cps
Neodymium	150-1	780	780	793	784	0.98	cps
Neodymium	150-2	360	410	343	371	9.35	cps
Nickel	60-2	880	980	1063	974	9.42	cps
Phosphorus	31-2	742	833	558	711	19.69	cps
Potassium	39-2	517971	514697	517663	516777	0.35	cps
Rhodium	103-1	5709659	6122408	6188715	6006927	4.32	cps
Rhodium	103-2	3457233	3472072	3448955	3459420	0.34	cps
Scandium	45-1	3521060	3552449	3626264	3566591	1.51	cps
Scandium	45-2	281550	284860	282946	283119	0.59	cps
Selenium	82-1	40	26	65	44	45.08	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	93	107	98	99	7.53	cps
Silicon	28-1	15789836	15853438	16021173	15888149	0.75	cps
Silver	107-1	208	133	158	167	22.91	cps
Silver	109-1	133	100	58	97	38.66	cps
Sodium	23-2	21439012	21271432	21360224	21356890	0.39	cps
Strontium	86-1	152434	153747	158018	154733	1.89	cps
Strontium	88-1	1345900	1350206	1363158	1353088	0.66	cps
Sulfur	34-1	335125	332157	350607	339296	2.92	cps
Terbium	159-1	9943232	10212453	10222687	10126124	1.56	cps
Terbium	159-2	5843283	5945701	5927992	5905659	0.93	cps
Thallium	203-1	275	250	200	242	15.80	cps
Thallium	205-1	417	475	500	464	9.22	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-08	Instrumnet Name :	P7
Client Sample ID :	A0AP7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:38:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1467	1200	1433	1367	10.63	cps
Tin	118-1	1592	1558	1608	1586	1.61	cps
Titanium	47-1	3059	2642	2559	2753	9.73	cps
Uranium	238-1	1008	1125	1042	1058	5.68	cps
Vanadium	51-2	1770	1690	1617	1692	4.53	cps
Yttrium	89-1	10594930	10794483	10854654	10748023	1.26	cps
Yttrium	89-2	2337230	2349858	2330015	2339035	0.43	cps
Zinc	66-2	10177	10287	10317	10260	0.72	cps
Zirconium	90-1	1083	1158	1175	1139	4.29	cps
Zirconium	91-1	258	308	242	269	12.87	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113199	115757	112923	113960	1.37	cps
Antimony	121-1	2334	2017	2234	2195	7.38	cps
Arsenic	75-2	369	381	400	383	4.13	cps
Barium	135-1	135547	137220	134259	135675	1.09	cps
Barium	137-1	238305	240416	237915	238879	0.56	cps
Beryllium	9-1	294	194	261	250	20.37	cps
Bismuth	209-1	6682706	6746827	6752922	6727485	0.58	cps
Bismuth	209-2	4545578	4487512	4509202	4514097	0.65	cps
Boron	10-1	4809	5018	4976	4934	2.23	cps
Boron	11-1	21891	22617	24253	22920	5.28	cps
Bromine	81-1	54052	62954	67935	61647	11.41	cps
Bromine	81-2	10685	11436	11056	11059	3.40	cps
Cadmium	111-1	3850	4081	4094	4008	3.43	cps
Cadmium	106-1	3951	4134	4117	4067	2.49	cps
Cadmium	108-1	42	50	33	42	20.00	cps
Calcium	43-1	369587	379907	376287	375260	1.40	cps
Calcium	44-1	5909841	5917511	5917900	5915084	0.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80960	82807	81963	81910	1.13	cps
Cobalt	59-2	4171	4144	4104	4140	0.81	cps
Copper	63-2	35740	35613	36001	35785	0.55	cps
Dysprosium	156-1	3926	4092	3792	3937	3.82	cps
Dysprosium	156-2	2340	2267	2377	2328	2.41	cps
Erbium	164-1	3551	3576	3509	3545	0.95	cps
Erbium	164-2	2144	2264	2114	2174	3.65	cps
Gadolinium	160-1	3967	3992	3684	3881	4.41	cps
Gadolinium	160-2	2627	2567	2544	2579	1.67	cps
Holmium	165-1	10154917	10266512	10394082	10271837	1.17	cps
Holmium	165-2	6365651	6102433	6059715	6175933	2.68	cps
Indium	115-1	6860381	6812967	7011835	6895061	1.51	cps
Indium	115-2	2008556	1990467	1991541	1996855	0.51	cps
Iron	56-2	11140244	11011981	11104326	11085517	0.60	cps
Iron	57-2	275469	273811	277201	275493	0.62	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	597745	595484	600829	598019	0.45	cps
Krypton	83-1	393	467	397	419	9.89	cps
Lead	206-1	129253	133533	132480	131755	1.69	cps
Lead	207-1	109232	110604	110644	110160	0.73	cps
Lead	208-1	505581	518257	511653	511830	1.24	cps
Lithium	6-1	2365995	2373392	2374002	2371130	0.19	cps
Magnesium	24-2	899266	909638	906908	905270	0.59	cps
Manganese	55-2	549524	551909	553227	551553	0.34	cps
Molybdenum	94-1	1500	1758	1767	1675	9.05	cps
Molybdenum	95-1	1517	1675	1492	1561	6.37	cps
Molybdenum	96-1	1633	1817	1783	1745	5.60	cps
Molybdenum	97-1	1017	875	808	900	11.82	cps
Molybdenum	98-1	2292	2284	2467	2347	4.41	cps
Neodymium	150-1	5388	5955	5748	5697	5.04	cps
Neodymium	150-2	2824	2967	2917	2903	2.51	cps
Nickel	60-2	1683	1857	1770	1770	4.90	cps
Phosphorus	31-2	1992	2392	2142	2175	9.29	cps
Potassium	39-2	861986	874003	880774	872255	1.09	cps
Rhodium	103-1	5736477	5774516	5781027	5764006	0.42	cps
Rhodium	103-2	3488752	3449994	3458290	3465679	0.59	cps
Scandium	45-1	3609040	3605083	3578553	3597559	0.46	cps
Scandium	45-2	288829	285489	287018	287112	0.58	cps
Selenium	82-1	128	110	160	133	19.22	cps
Selenium	77-2	13	13	13	13	0.00	cps
Selenium	78-2	81	109	96	96	14.53	cps
Silicon	28-1	21518297	21496660	21543376	21519444	0.11	cps
Silver	107-1	442	492	575	503	13.40	cps
Silver	109-1	350	400	358	369	7.25	cps
Sodium	23-2	45472227	45837065	46004898	45771397	0.59	cps
Strontium	86-1	239771	242971	241988	241577	0.68	cps
Strontium	88-1	2079760	2107634	2106966	2098120	0.76	cps
Sulfur	34-1	420371	416100	418008	418160	0.51	cps
Terbium	159-1	10128727	10210876	10288932	10209512	0.78	cps
Terbium	159-2	5991633	5953690	5948570	5964631	0.39	cps
Thallium	203-1	350	325	300	325	7.69	cps
Thallium	205-1	767	900	750	806	10.21	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-09	Instrumnet Name :	P7
Client Sample ID :	A0AP9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:41:28	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	9048	9732	9899	9559	4.72	cps
Tin	118-1	4701	4776	4859	4779	1.66	cps
Titanium	47-1	32203	33081	32394	32559	1.42	cps
Uranium	238-1	7377	7202	7019	7199	2.49	cps
Vanadium	51-2	6638	6865	6505	6669	2.73	cps
Yttrium	89-1	10664850	10759402	10734606	10719619	0.46	cps
Yttrium	89-2	2406928	2358951	2371453	2379110	1.05	cps
Zinc	66-2	22861	22554	23172	22862	1.35	cps
Zirconium	90-1	2367	2467	2750	2528	7.87	cps
Zirconium	91-1	433	542	442	472	12.77	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79636	80006	80208	79950	0.36	cps
Antimony	121-1	2184	2634	2384	2400	9.40	cps
Arsenic	75-2	283	280	287	283	1.31	cps
Barium	135-1	129903	127933	127874	128570	0.90	cps
Barium	137-1	223132	222564	224240	223312	0.38	cps
Beryllium	9-1	206	194	294	231	23.68	cps
Bismuth	209-1	7209669	6825043	7297751	7110821	3.54	cps
Bismuth	209-2	4468363	4493863	4514441	4492222	0.51	cps
Boron	10-1	4084	3659	4367	4037	8.83	cps
Boron	11-1	17419	17427	18695	17847	4.12	cps
Bromine	81-1	53952	62887	71829	62889	14.21	cps
Bromine	81-2	11166	11126	11887	11393	3.76	cps
Cadmium	111-1	4284	3931	3983	4066	4.69	cps
Cadmium	106-1	4476	4084	4184	4248	4.79	cps
Cadmium	108-1	33	33	63	43	39.12	cps
Calcium	43-1	231398	233430	235326	233385	0.84	cps
Calcium	44-1	3744671	3769489	3752358	3755506	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104990	107837	105144	105990	1.51	cps
Cobalt	59-2	4344	4314	4647	4435	4.16	cps
Copper	63-2	27326	28237	28023	27862	1.71	cps
Dysprosium	156-1	2359	2242	2384	2328	3.25	cps
Dysprosium	156-2	1357	1387	1327	1357	2.21	cps
Erbium	164-1	2192	2367	2317	2292	3.93	cps
Erbium	164-2	1203	1210	1283	1232	3.60	cps
Gadolinium	160-1	1967	2325	2217	2170	8.47	cps
Gadolinium	160-2	1550	1523	1497	1523	1.75	cps
Holmium	165-1	10227871	10299434	10586599	10371301	1.83	cps
Holmium	165-2	6042335	6086793	6071575	6066901	0.37	cps
Indium	115-1	6913235	7057111	7019537	6996627	1.07	cps
Indium	115-2	1966181	1981594	1980851	1976209	0.44	cps
Iron	56-2	13211883	13437603	13256026	13301837	0.90	cps
Iron	57-2	328473	331379	332236	330696	0.60	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	729314	737881	726386	731194	0.82	cps
Krypton	83-1	560	487	533	527	7.05	cps
Lead	206-1	398941	410359	414138	407813	1.94	cps
Lead	207-1	337372	345955	349080	344136	1.76	cps
Lead	208-1	1565998	1603701	1617760	1595819	1.68	cps
Lithium	6-1	2363281	2391781	2411978	2389013	1.02	cps
Magnesium	24-2	657570	672359	658592	662840	1.25	cps
Manganese	55-2	591917	598906	592258	594360	0.66	cps
Molybdenum	94-1	1483	1508	1542	1511	1.94	cps
Molybdenum	95-1	1400	1508	1467	1458	3.75	cps
Molybdenum	96-1	1800	1725	1550	1692	7.58	cps
Molybdenum	97-1	875	825	708	803	10.65	cps
Molybdenum	98-1	2317	2242	2234	2264	2.03	cps
Neodymium	150-1	3107	3380	3200	3229	4.30	cps
Neodymium	150-2	1493	1623	1553	1557	4.18	cps
Nickel	60-2	1270	1487	1420	1392	7.97	cps
Phosphorus	31-2	1317	1242	1442	1333	7.58	cps
Potassium	39-2	573377	582208	573712	576432	0.87	cps
Rhodium	103-1	5814811	5893904	5878858	5862525	0.72	cps
Rhodium	103-2	3404560	3456249	3433772	3431527	0.76	cps
Scandium	45-1	3598495	3663000	3605203	3622233	0.98	cps
Scandium	45-2	277832	284906	280998	281245	1.26	cps
Selenium	82-1	9	57	-4	21	153.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	80	89	83	6.46	cps
Silicon	28-1	18712732	19203177	20947445	19621118	5.99	cps
Silver	107-1	333	325	317	325	2.56	cps
Silver	109-1	225	342	283	283	20.59	cps
Sodium	23-2	25628679	26016749	25691425	25778951	0.81	cps
Strontium	86-1	176151	178537	175752	176814	0.85	cps
Strontium	88-1	1511005	1547401	1524334	1527580	1.21	cps
Sulfur	34-1	351191	356593	348667	352150	1.15	cps
Terbium	159-1	10263715	10338672	10422437	10341608	0.77	cps
Terbium	159-2	5867682	5887619	5894896	5883399	0.24	cps
Thallium	203-1	350	317	283	317	10.53	cps
Thallium	205-1	567	642	617	608	6.28	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:44:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5846	6185	5885	5972	3.11	cps
Tin	118-1	4834	4793	4618	4748	2.42	cps
Titanium	47-1	18845	16777	16743	17455	6.90	cps
Uranium	238-1	3451	3401	3576	3476	2.59	cps
Vanadium	51-2	5624	5848	5491	5654	3.19	cps
Yttrium	89-1	10871869	11059782	10843683	10925111	1.08	cps
Yttrium	89-2	2320662	2347782	2356227	2341557	0.79	cps
Zinc	66-2	31708	32229	31831	31923	0.85	cps
Zirconium	90-1	1975	1942	2092	2003	3.93	cps
Zirconium	91-1	292	342	442	358	21.31	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8429	8754	8353	8512	2.50	cps
Antimony	121-1	1725	1834	1667	1742	4.86	cps
Arsenic	75-2	130	157	144	144	9.66	cps
Barium	135-1	117282	116493	116307	116694	0.44	cps
Barium	137-1	207773	207486	206462	207240	0.33	cps
Beryllium	9-1	67	72	94	78	18.90	cps
Bismuth	209-1	6705911	6783399	6756283	6748531	0.58	cps
Bismuth	209-2	4507442	4497693	4527467	4510867	0.34	cps
Boron	10-1	4493	4576	4901	4656	4.63	cps
Boron	11-1	21858	22676	23410	22648	3.43	cps
Bromine	81-1	70691	80114	89476	80094	11.73	cps
Bromine	81-2	15093	14913	15394	15134	1.61	cps
Cadmium	111-1	3719	3588	3884	3730	3.99	cps
Cadmium	106-1	4059	3926	4251	4078	4.01	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	375938	380873	380157	378989	0.70	cps
Calcium	44-1	5965307	6013788	5960615	5979903	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9316	9336	9056	9236	1.69	cps
Cobalt	59-2	1240	1230	1007	1159	11.38	cps
Copper	63-2	7068	7379	7058	7168	2.54	cps
Dysprosium	156-1	325	400	425	383	13.58	cps
Dysprosium	156-2	173	197	217	196	11.09	cps
Erbium	164-1	517	500	625	547	12.40	cps
Erbium	164-2	317	290	317	308	5.00	cps
Gadolinium	160-1	392	567	542	500	18.93	cps
Gadolinium	160-2	337	343	387	356	7.64	cps
Holmium	165-1	10228519	10235115	10273489	10245708	0.24	cps
Holmium	165-2	6114066	6094229	6148612	6118969	0.45	cps
Indium	115-1	7039927	6931928	6908061	6959972	1.01	cps
Indium	115-2	1991358	2007499	2000591	1999816	0.40	cps
Iron	56-2	3131182	3188512	3140132	3153276	0.98	cps
Iron	57-2	80698	82747	81424	81623	1.27	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	173262	173585	173311	173386	0.10	cps
Krypton	83-1	450	483	477	470	3.75	cps
Lead	206-1	33214	32874	33319	33136	0.70	cps
Lead	207-1	28503	27579	28058	28046	1.65	cps
Lead	208-1	129634	127347	129467	128816	0.99	cps
Lithium	6-1	2360679	2384395	2386364	2377146	0.60	cps
Magnesium	24-2	861409	869456	871618	867495	0.62	cps
Manganese	55-2	274993	275860	275626	275493	0.16	cps
Molybdenum	94-1	933	817	933	894	7.53	cps
Molybdenum	95-1	1092	1167	1008	1089	7.27	cps
Molybdenum	96-1	1325	1275	1267	1289	2.45	cps
Molybdenum	97-1	725	708	625	686	7.81	cps
Molybdenum	98-1	1825	1859	1984	1889	4.42	cps
Neodymium	150-1	593	493	527	538	9.47	cps
Neodymium	150-2	277	237	297	270	11.31	cps
Nickel	60-2	927	893	790	870	8.19	cps
Phosphorus	31-2	625	833	750	736	14.25	cps
Potassium	39-2	771075	785500	783725	780100	1.01	cps
Rhodium	103-1	5731967	5763325	5769952	5755081	0.35	cps
Rhodium	103-2	3452223	3471576	3458476	3460758	0.29	cps
Scandium	45-1	3591581	3586195	3591153	3589643	0.08	cps
Scandium	45-2	285275	288141	284991	286136	0.61	cps
Selenium	82-1	86	98	78	87	11.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	94	87	81	88	7.42	cps
Silicon	28-1	15871873	15922974	15961012	15918620	0.28	cps
Silver	107-1	175	175	175	175	0.00	cps
Silver	109-1	108	150	75	111	33.82	cps
Sodium	23-2	45663940	46125159	45986896	45925332	0.52	cps
Strontium	86-1	241445	245667	245096	244069	0.94	cps
Strontium	88-1	2114915	2129115	2128387	2124139	0.38	cps
Sulfur	34-1	393840	392198	391106	392381	0.35	cps
Terbium	159-1	10215063	10263283	10121554	10199967	0.71	cps
Terbium	159-2	5917598	5933605	5944704	5931969	0.23	cps
Thallium	203-1	192	183	192	189	2.55	cps
Thallium	205-1	558	500	408	489	15.47	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:47:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1067	878	861	935	12.21	cps
Tin	118-1	1208	1275	1158	1214	4.82	cps
Titanium	47-1	2259	2325	2284	2289	1.47	cps
Uranium	238-1	1100	1617	1233	1317	20.39	cps
Vanadium	51-2	1130	1310	1213	1218	7.40	cps
Yttrium	89-1	10674908	10635132	10843520	10717853	1.03	cps
Yttrium	89-2	2358510	2359119	2369003	2362210	0.25	cps
Zinc	66-2	6975	6955	6752	6894	1.79	cps
Zirconium	90-1	1158	933	867	986	15.50	cps
Zirconium	91-1	192	208	217	206	6.19	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	1242	1150	1145	8.75	cps
Antimony	121-1	208	150	183	181	16.21	cps
Arsenic	75-2	9	7	11	9	19.98	cps
Barium	135-1	433	492	483	469	6.72	cps
Barium	137-1	950	908	867	908	4.59	cps
Beryllium	9-1	50	22	67	46	48.50	cps
Bismuth	209-1	6729242	7272267	6782439	6927982	4.32	cps
Bismuth	209-2	4522392	4621887	4496586	4546955	1.46	cps
Boron	10-1	1600	1333	1475	1470	9.08	cps
Boron	11-1	6752	6893	6752	6799	1.20	cps
Bromine	81-1	22585	19981	18162	20243	10.98	cps
Bromine	81-2	1452	1412	1251	1371	7.72	cps
Cadmium	111-1	3364	3943	3762	3690	8.03	cps
Cadmium	106-1	3717	4376	4151	4081	8.20	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Calcium	43-1	2425	2259	2409	2364	3.88	cps
Calcium	44-1	38300	38927	40364	39197	2.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4838	4971	4931	4913	1.39	cps
Cobalt	59-2	270	283	333	296	11.30	cps
Copper	63-2	2027	2017	1883	1976	4.05	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	20	7	27	18	57.27	cps
Erbium	164-1	17	67	58	47	56.72	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	153	157	177	162	7.78	cps
Holmium	165-1	9927305	10517743	10124740	10189930	2.95	cps
Holmium	165-2	6012928	6128576	5962788	6034764	1.41	cps
Indium	115-1	6943270	7138514	6939579	7007121	1.62	cps
Indium	115-2	2007074	2045031	1979087	2010397	1.65	cps
Iron	56-2	66070	65216	65613	65633	0.65	cps
Iron	57-2	1745	1783	1783	1771	1.27	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4575	4345	4055	4325	6.03	cps
Krypton	83-1	523	443	557	508	11.47	cps
Lead	206-1	3056	3062	3123	3080	1.20	cps
Lead	207-1	2439	2711	2634	2595	5.40	cps
Lead	208-1	11680	12141	12291	12038	2.65	cps
Lithium	6-1	2360977	2416360	2352752	2376696	1.46	cps
Magnesium	24-2	6993	6752	6668	6805	2.48	cps
Manganese	55-2	3400	3290	3217	3303	2.79	cps
Molybdenum	94-1	442	433	392	422	6.35	cps
Molybdenum	95-1	242	317	350	303	18.33	cps
Molybdenum	96-1	450	308	392	383	18.58	cps
Molybdenum	97-1	150	225	183	186	20.19	cps
Molybdenum	98-1	425	542	575	514	15.33	cps
Neodymium	150-1	27	20	33	27	24.99	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	4804	4547	4377	4576	4.70	cps
Phosphorus	31-2	483	350	442	425	16.05	cps
Potassium	39-2	62272	62439	59495	61402	2.69	cps
Rhodium	103-1	5735863	6361373	6240671	6112636	5.43	cps
Rhodium	103-2	3516925	3587467	3475491	3526628	1.61	cps
Scandium	45-1	3527039	3693741	3593537	3604772	2.33	cps
Scandium	45-2	288763	291319	277287	285790	2.62	cps
Selenium	82-1	6	85	-18	24	222.20	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	85	81	78	12.60	cps
Silicon	28-1	208113	221027	219445	216195	3.26	cps
Silver	107-1	108	92	92	97	9.90	cps
Silver	109-1	117	58	58	78	43.30	cps
Sodium	23-2	89054	85962	85962	86993	2.05	cps
Strontium	86-1	1275	1433	1375	1361	5.88	cps
Strontium	88-1	4618	5001	4576	4731	4.95	cps
Sulfur	34-1	296806	309059	307327	304397	2.18	cps
Terbium	159-1	9890409	10377090	10158629	10142043	2.40	cps
Terbium	159-2	5850821	5974861	5784524	5870069	1.65	cps
Thallium	203-1	175	150	142	156	11.15	cps
Thallium	205-1	267	300	275	281	6.18	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-13	Instrumnet Name :	P7
Client Sample ID :	A0B01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:50:49	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	133	233	156	44.61	cps
Tin	118-1	2475	3125	2867	2823	11.60	cps
Titanium	47-1	175	408	517	367	47.62	cps
Uranium	238-1	50	58	33	47	26.97	cps
Vanadium	51-2	43	60	73	59	25.53	cps
Yttrium	89-1	10635164	11038329	10749099	10807530	1.92	cps
Yttrium	89-2	2368231	2413016	2328149	2369798	1.79	cps
Zinc	66-2	11418	11705	11338	11487	1.68	cps
Zirconium	90-1	867	775	750	797	7.70	cps
Zirconium	91-1	242	217	217	225	6.42	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-15 Instrumnet Name : P7
 Client Sample ID : A0AM9 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 12:53:57 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3734	3742	4134	3870	5.91	cps
Antimony	121-1	750	733	633	706	8.94	cps
Arsenic	75-2	67	83	89	80	14.52	cps
Barium	135-1	46386	46813	47089	46763	0.76	cps
Barium	137-1	81413	82527	83082	82341	1.03	cps
Beryllium	9-1	167	61	106	111	47.70	cps
Bismuth	209-1	6737360	7226088	7241011	7068153	4.05	cps
Bismuth	209-2	4479049	4552582	4525978	4519203	0.82	cps
Boron	10-1	2500	2725	2550	2592	4.56	cps
Boron	11-1	11705	12372	13440	12506	7.00	cps
Bromine	81-1	32572	35461	41318	36450	12.23	cps
Bromine	81-2	6228	6819	6769	6605	4.96	cps
Cadmium	111-1	3830	3764	3719	3771	1.47	cps
Cadmium	106-1	4226	4159	4101	4162	1.50	cps
Cadmium	108-1	8	13	38	19	81.14	cps
Calcium	43-1	83443	85211	83007	83887	1.39	cps
Calcium	44-1	1366077	1376199	1352908	1365061	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1620	1597	1553	1590	2.13	cps
Cobalt	59-2	303	300	317	307	2.87	cps
Copper	63-2	1643	1607	1703	1651	2.96	cps
Dysprosium	156-1	117	67	117	100	28.87	cps
Dysprosium	156-2	53	70	47	57	21.21	cps
Erbium	164-1	183	175	133	164	16.34	cps
Erbium	164-2	107	67	107	93	24.74	cps
Gadolinium	160-1	133	92	183	136	33.72	cps
Gadolinium	160-2	197	193	230	207	9.81	cps
Holmium	165-1	10228838	10404561	10308222	10313874	0.85	cps
Holmium	165-2	6038826	6173999	6151506	6121444	1.18	cps
Indium	115-1	7096772	7087710	7099244	7094575	0.09	cps
Indium	115-2	2009191	2038791	2032762	2026914	0.77	cps
Iron	56-2	1170680	1170044	1164390	1168371	0.30	cps
Iron	57-2	30315	29975	29864	30051	0.78	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-15	Instrumnet Name :	P7
Client Sample ID :	A0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:53:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	64526	65220	64255	64667	0.77	cps
Krypton	83-1	450	500	443	464	6.67	cps
Lead	206-1	3862	4151	4040	4017	3.63	cps
Lead	207-1	3589	3289	3145	3341	6.79	cps
Lead	208-1	15320	15687	15776	15595	1.55	cps
Lithium	6-1	2307309	2331384	2401173	2346622	2.08	cps
Magnesium	24-2	318673	315381	314202	316085	0.73	cps
Manganese	55-2	113446	116460	113466	114458	1.52	cps
Molybdenum	94-1	308	358	408	358	13.95	cps
Molybdenum	95-1	150	225	233	203	22.64	cps
Molybdenum	96-1	367	8437	317	3040	153.74	cps
Molybdenum	97-1	158	292	183	211	33.57	cps
Molybdenum	98-1	425	392	467	428	8.78	cps
Neodymium	150-1	127	113	147	129	13.02	cps
Neodymium	150-2	50	53	77	60	24.22	cps
Nickel	60-2	360	490	473	441	16.04	cps
Phosphorus	31-2	492	608	558	553	10.59	cps
Potassium	39-2	257762	255273	254477	255837	0.67	cps
Rhodium	103-1	6216951	6287112	6239842	6247969	0.57	cps
Rhodium	103-2	3516924	3558678	3557338	3544313	0.67	cps
Scandium	45-1	3682339	3727671	3685041	3698350	0.69	cps
Scandium	45-2	291343	291263	291712	291439	0.08	cps
Selenium	82-1	64	16	62	47	57.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	81	83	85	83	2.23	cps
Silicon	28-1	3702915	3790868	3717692	3737158	1.26	cps
Silver	107-1	117	92	175	128	33.47	cps
Silver	109-1	33	17	8	19	65.47	cps
Sodium	23-2	25115307	24821164	24454798	24797090	1.33	cps
Strontium	86-1	79545	76570	78229	78115	1.91	cps
Strontium	88-1	670184	672835	674534	672518	0.33	cps
Sulfur	34-1	370852	373733	359394	367993	2.06	cps
Terbium	159-1	10162708	10355684	10334842	10284411	1.03	cps
Terbium	159-2	5895807	5985041	5975331	5952059	0.82	cps
Thallium	203-1	142	125	183	150	20.03	cps
Thallium	205-1	417	325	267	336	22.50	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-15	Instrumnet Name :	P7
Client Sample ID :	A0AM9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:53:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	406	350	406	387	8.29	cps
Tin	118-1	1033	875	875	928	9.85	cps
Titanium	47-1	525	650	583	586	10.67	cps
Uranium	238-1	200	175	192	189	6.74	cps
Vanadium	51-2	290	393	370	351	15.43	cps
Yttrium	89-1	10951814	11083811	11058543	11031389	0.64	cps
Yttrium	89-2	2394304	2424218	2411892	2410138	0.62	cps
Zinc	66-2	7002	6982	6795	6926	1.65	cps
Zirconium	90-1	658	617	708	661	6.94	cps
Zirconium	91-1	200	150	142	164	19.25	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-16	Instrumnet Name :	P7
Client Sample ID :	A0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:57:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9070	9086	8928	9028	0.96	cps
Antimony	121-1	975	808	992	925	10.96	cps
Arsenic	75-2	83	80	76	80	4.65	cps
Barium	135-1	51161	52156	51738	51685	0.97	cps
Barium	137-1	89772	89202	90904	89959	0.96	cps
Beryllium	9-1	117	139	128	128	8.69	cps
Bismuth	209-1	6644389	7247483	6713933	6868602	4.80	cps
Bismuth	209-2	4513011	4509885	4588610	4537169	0.98	cps
Boron	10-1	2425	2575	3025	2675	11.67	cps
Boron	11-1	12964	12806	13014	12928	0.84	cps
Bromine	81-1	35636	41410	45974	41007	12.63	cps
Bromine	81-2	6769	6839	7329	6979	4.38	cps
Cadmium	111-1	3764	3859	3810	3811	1.24	cps
Cadmium	106-1	4109	4234	4159	4167	1.51	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	91524	92823	92514	92287	0.74	cps
Calcium	44-1	1484904	1509173	1522488	1505522	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14170	15011	14397	14526	2.99	cps
Cobalt	59-2	1093	1170	1150	1138	3.50	cps
Copper	63-2	8309	9293	8993	8865	5.69	cps
Dysprosium	156-1	158	167	217	181	17.48	cps
Dysprosium	156-2	127	93	110	110	15.15	cps
Erbium	164-1	317	258	192	256	24.48	cps
Erbium	164-2	120	157	163	147	15.91	cps
Gadolinium	160-1	217	225	158	200	18.16	cps
Gadolinium	160-2	277	263	273	271	2.56	cps
Holmium	165-1	10274614	10408582	10227361	10303519	0.91	cps
Holmium	165-2	6084109	6432508	6158065	6224894	2.95	cps
Indium	115-1	7061913	7163112	7022897	7082641	1.02	cps
Indium	115-2	2011472	2098730	2072331	2060844	2.17	cps
Iron	56-2	1717864	1789260	1758599	1755241	2.04	cps
Iron	57-2	43520	45922	44947	44796	2.70	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-16	Instrumnet Name :	P7
Client Sample ID :	A0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:57:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	95373	98467	97994	97278	1.71	cps
Krypton	83-1	483	487	493	488	1.04	cps
Lead	206-1	13985	13846	14185	14006	1.22	cps
Lead	207-1	11527	11322	11122	11324	1.79	cps
Lead	208-1	54077	53855	54038	53990	0.22	cps
Lithium	6-1	2375037	2349254	2328925	2351072	0.98	cps
Magnesium	24-2	321818	336002	331648	329823	2.20	cps
Manganese	55-2	271486	282420	276128	276678	1.98	cps
Molybdenum	94-1	917	767	1075	920	16.77	cps
Molybdenum	95-1	600	617	658	625	4.81	cps
Molybdenum	96-1	700	683	742	708	4.24	cps
Molybdenum	97-1	358	392	292	347	14.66	cps
Molybdenum	98-1	933	1142	950	1008	11.48	cps
Neodymium	150-1	193	327	180	233	34.76	cps
Neodymium	150-2	127	133	127	129	2.99	cps
Nickel	60-2	5028	5131	5221	5127	1.89	cps
Phosphorus	31-2	692	533	525	583	16.10	cps
Potassium	39-2	342126	359187	348334	349882	2.47	cps
Rhodium	103-1	6171383	6328718	6274088	6258063	1.28	cps
Rhodium	103-2	3495217	3652837	3624576	3590877	2.34	cps
Scandium	45-1	3631075	3753492	3691782	3692117	1.66	cps
Scandium	45-2	290969	304328	301739	299012	2.37	cps
Selenium	82-1	51	69	38	53	29.92	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	69	98	85	84	17.69	cps
Silicon	28-1	3859450	3960303	3935074	3918276	1.34	cps
Silver	107-1	183	225	175	194	13.78	cps
Silver	109-1	142	83	142	122	27.55	cps
Sodium	23-2	24641366	25499627	24881289	25007427	1.77	cps
Strontium	86-1	80584	81329	81791	81235	0.75	cps
Strontium	88-1	689143	702723	702870	698245	1.13	cps
Sulfur	34-1	374091	388590	386242	382975	2.03	cps
Terbium	159-1	10193282	10209819	10169469	10190857	0.20	cps
Terbium	159-2	5920505	6278785	6043995	6081095	2.99	cps
Thallium	203-1	267	275	275	272	1.77	cps
Thallium	205-1	733	558	642	644	13.58	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-16	Instrumnet Name :	P7
Client Sample ID :	A0AQ5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 12:57:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	428	483	528	480	10.45	cps
Tin	118-1	15117	14575	14875	14855	1.83	cps
Titanium	47-1	1433	1358	1292	1361	5.21	cps
Uranium	238-1	917	750	883	850	10.38	cps
Vanadium	51-2	600	763	607	657	14.08	cps
Yttrium	89-1	10902843	11071568	11024129	10999513	0.79	cps
Yttrium	89-2	2366218	2500465	2474081	2446921	2.91	cps
Zinc	66-2	40503	43358	42208	42023	3.42	cps
Zirconium	90-1	1750	1625	1300	1558	14.91	cps
Zirconium	91-1	358	342	342	347	2.77	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4159	3592	4109	3953	7.94	cps
Antimony	121-1	825	692	633	717	13.71	cps
Arsenic	75-2	52	52	63	56	11.55	cps
Barium	135-1	44856	43728	45266	44617	1.79	cps
Barium	137-1	76284	78295	80148	78242	2.47	cps
Beryllium	9-1	89	106	106	100	9.62	cps
Bismuth	209-1	6646252	7181780	7082847	6970293	4.09	cps
Bismuth	209-2	4499883	4523714	4567226	4530274	0.75	cps
Boron	10-1	2400	2584	2292	2425	6.08	cps
Boron	11-1	11330	12330	11305	11655	5.02	cps
Bromine	81-1	32186	37232	36213	35211	7.58	cps
Bromine	81-2	5517	5977	5927	5807	4.35	cps
Cadmium	111-1	3533	3830	3709	3691	4.04	cps
Cadmium	106-1	3901	4251	4117	4090	4.32	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	72285	73842	75995	74041	2.52	cps
Calcium	44-1	1176959	1163902	1240329	1193730	3.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1867	2057	2000	1975	4.94	cps
Cobalt	59-2	233	187	237	219	12.77	cps
Copper	63-2	1693	1683	1617	1665	2.50	cps
Dysprosium	156-1	75	100	67	81	21.53	cps
Dysprosium	156-2	43	43	50	46	8.45	cps
Erbium	164-1	108	108	100	106	4.56	cps
Erbium	164-2	87	83	73	81	8.56	cps
Gadolinium	160-1	75	150	100	108	35.25	cps
Gadolinium	160-2	180	170	157	169	6.93	cps
Holmium	165-1	10325112	10248173	10172837	10248707	0.74	cps
Holmium	165-2	6112234	6089454	6151963	6117884	0.52	cps
Indium	115-1	7141316	7042138	7034363	7072606	0.84	cps
Indium	115-2	2030280	2022789	2012479	2021849	0.44	cps
Iron	56-2	733650	723046	722322	726340	0.87	cps
Iron	57-2	18751	19191	18673	18872	1.48	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	41230	40346	40276	40617	1.31	cps
Krypton	83-1	513	497	523	511	2.64	cps
Lead	206-1	3595	3234	3617	3482	6.18	cps
Lead	207-1	2889	3034	3034	2986	2.79	cps
Lead	208-1	13803	13292	13514	13536	1.89	cps
Lithium	6-1	2341533	2413094	2176534	2310387	5.25	cps
Magnesium	24-2	283497	281931	279945	281791	0.63	cps
Manganese	55-2	64792	64163	62438	63797	1.91	cps
Molybdenum	94-1	408	492	517	472	12.01	cps
Molybdenum	95-1	250	250	242	247	1.95	cps
Molybdenum	96-1	317	267	325	303	10.42	cps
Molybdenum	97-1	133	125	117	125	6.67	cps
Molybdenum	98-1	375	358	267	333	17.50	cps
Neodymium	150-1	93	100	87	93	7.14	cps
Neodymium	150-2	43	43	57	48	16.12	cps
Nickel	60-2	560	503	557	540	5.89	cps
Phosphorus	31-2	675	450	475	533	23.12	cps
Potassium	39-2	241171	234108	233003	236094	1.88	cps
Rhodium	103-1	6298372	6225178	6356648	6293399	1.05	cps
Rhodium	103-2	3516195	3544587	3477936	3512906	0.95	cps
Scandium	45-1	3706525	3677645	3786908	3723692	1.52	cps
Scandium	45-2	293505	290937	291582	292008	0.46	cps
Selenium	82-1	8	45	25	26	72.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	85	78	80	81	4.77	cps
Silicon	28-1	2922228	2871880	3086253	2960120	3.79	cps
Silver	107-1	167	133	75	125	37.12	cps
Silver	109-1	50	58	75	61	20.83	cps
Sodium	23-2	24881866	24711315	24586279	24726487	0.60	cps
Strontium	86-1	69593	69409	73631	70878	3.37	cps
Strontium	88-1	601728	599964	624329	608674	2.23	cps
Sulfur	34-1	368786	360584	399558	376310	5.46	cps
Terbium	159-1	10173228	10136989	10280472	10196896	0.73	cps
Terbium	159-2	5981681	5963908	5980498	5975363	0.17	cps
Thallium	203-1	142	125	142	136	7.07	cps
Thallium	205-1	458	400	167	342	45.17	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-17	Instrumnet Name :	P7
Client Sample ID :	A0AQ9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:00:11	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	244	294	300	280	10.94	cps
Tin	118-1	1275	975	1150	1133	13.30	cps
Titanium	47-1	533	558	575	556	3.78	cps
Uranium	238-1	100	125	117	114	11.18	cps
Vanadium	51-2	280	267	193	247	18.92	cps
Yttrium	89-1	10934550	10871820	11178461	10994943	1.47	cps
Yttrium	89-2	2411961	2420268	2368909	2400379	1.15	cps
Zinc	66-2	5798	5908	5811	5839	1.03	cps
Zirconium	90-1	858	775	1142	925	20.78	cps
Zirconium	91-1	142	175	75	131	39.00	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3701	3392	3309	3467	5.95	cps
Antimony	121-1	717	733	708	719	1.77	cps
Arsenic	75-2	54	54	48	52	6.18	cps
Barium	135-1	44354	42323	43895	43524	2.45	cps
Barium	137-1	77767	76477	76736	76993	0.89	cps
Beryllium	9-1	83	150	94	109	32.69	cps
Bismuth	209-1	6647878	6760154	6662274	6690102	0.91	cps
Bismuth	209-2	4493861	4514893	4512368	4507041	0.25	cps
Boron	10-1	2125	2525	2484	2378	9.25	cps
Boron	11-1	10637	12005	11338	11327	6.04	cps
Bromine	81-1	32438	41427	41059	38308	13.28	cps
Bromine	81-2	6088	6628	6899	6538	6.32	cps
Cadmium	111-1	3961	3557	3966	3828	6.13	cps
Cadmium	106-1	4359	3917	4384	4220	6.22	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	68701	68600	70501	69268	1.54	cps
Calcium	44-1	1130207	1116717	1140535	1129153	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1930	1967	1957	1951	0.97	cps
Cobalt	59-2	183	183	213	193	8.96	cps
Copper	63-2	1863	1840	1770	1825	2.66	cps
Dysprosium	156-1	100	75	83	86	14.78	cps
Dysprosium	156-2	57	27	60	48	38.42	cps
Erbium	164-1	117	83	167	122	34.31	cps
Erbium	164-2	83	63	83	77	15.06	cps
Gadolinium	160-1	83	117	117	106	18.23	cps
Gadolinium	160-2	220	147	163	177	21.76	cps
Holmium	165-1	10288915	10355174	10109128	10251072	1.24	cps
Holmium	165-2	6122154	6107412	6075105	6101557	0.39	cps
Indium	115-1	7044384	7045798	6964630	7018271	0.66	cps
Indium	115-2	2030931	2014949	2013809	2019896	0.47	cps
Iron	56-2	626697	618003	616188	620296	0.91	cps
Iron	57-2	15625	15547	15809	15660	0.86	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	36864	34074	35067	35335	4.00	cps
Krypton	83-1	580	480	467	509	12.17	cps
Lead	206-1	4579	4456	4551	4529	1.42	cps
Lead	207-1	3840	3589	3906	3778	4.42	cps
Lead	208-1	17677	17433	17310	17473	1.07	cps
Lithium	6-1	2322738	2437132	2343283	2367717	2.58	cps
Magnesium	24-2	279333	274882	270518	274911	1.60	cps
Manganese	55-2	42739	42485	40793	42005	2.52	cps
Molybdenum	94-1	333	500	500	444	21.65	cps
Molybdenum	95-1	208	317	192	239	28.41	cps
Molybdenum	96-1	308	333	325	322	3.95	cps
Molybdenum	97-1	125	242	192	186	31.45	cps
Molybdenum	98-1	317	367	400	361	11.62	cps
Neodymium	150-1	100	127	87	104	19.50	cps
Neodymium	150-2	50	30	60	47	32.73	cps
Nickel	60-2	773	707	677	719	6.88	cps
Phosphorus	31-2	567	492	450	503	11.76	cps
Potassium	39-2	242350	239194	236956	239500	1.13	cps
Rhodium	103-1	6242298	6232447	6280735	6251827	0.41	cps
Rhodium	103-2	3544468	3514025	3493825	3517439	0.72	cps
Scandium	45-1	3708502	3657808	3695772	3687361	0.72	cps
Scandium	45-2	293123	288388	288709	290073	0.91	cps
Selenium	82-1	8	34	67	36	82.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	126	83	100	103	20.82	cps
Silicon	28-1	2083350	2097158	2163137	2114548	2.02	cps
Silver	107-1	167	92	167	142	30.56	cps
Silver	109-1	58	158	142	119	44.86	cps
Sodium	23-2	25900552	25252453	24984439	25379148	1.86	cps
Strontium	86-1	68522	68312	69669	68834	1.06	cps
Strontium	88-1	595773	587068	600547	594463	1.15	cps
Sulfur	34-1	377232	356052	375899	369728	3.21	cps
Terbium	159-1	10227456	10228583	10079268	10178436	0.84	cps
Terbium	159-2	5930272	5934224	5917920	5927472	0.14	cps
Thallium	203-1	208	192	150	183	16.39	cps
Thallium	205-1	300	300	300	300	0.00	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-18	Instrumnet Name :	P7
Client Sample ID :	A0AR1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:03:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	339	372	356	356	4.69	cps
Tin	118-1	1233	1367	1358	1320	5.66	cps
Titanium	47-1	458	592	517	522	12.80	cps
Uranium	238-1	167	200	225	197	14.84	cps
Vanadium	51-2	240	253	287	260	9.25	cps
Yttrium	89-1	10992552	10988102	10948488	10976381	0.22	cps
Yttrium	89-2	2422345	2396465	2380413	2399741	0.88	cps
Zinc	66-2	8899	8849	8776	8842	0.70	cps
Zirconium	90-1	742	750	692	728	4.33	cps
Zirconium	91-1	225	108	167	167	35.00	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-19 Instrumnet Name : P7
 Client Sample ID : A0AR3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:06:23 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1575	1467	1817	1620	11.07	cps
Antimony	121-1	717	583	750	683	12.91	cps
Arsenic	75-2	52	56	57	55	5.15	cps
Barium	135-1	40852	41287	41212	41117	0.56	cps
Barium	137-1	71952	72774	73996	72908	1.41	cps
Beryllium	9-1	72	100	117	96	23.32	cps
Bismuth	209-1	6654959	6648646	6676343	6659983	0.22	cps
Bismuth	209-2	4443944	4490905	4465371	4466740	0.53	cps
Boron	10-1	1992	2192	2292	2159	7.08	cps
Boron	11-1	10812	10287	10320	10473	2.81	cps
Bromine	81-1	39797	44018	48022	43946	9.36	cps
Bromine	81-2	7540	7379	7720	7546	2.26	cps
Cadmium	111-1	3782	3842	3835	3820	0.85	cps
Cadmium	106-1	4209	4259	4259	4242	0.68	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	66474	68483	69831	68263	2.47	cps
Calcium	44-1	1110170	1097123	1127154	1111482	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2484	2277	2367	2376	4.36	cps
Cobalt	59-2	150	123	117	130	13.57	cps
Copper	63-2	1643	1710	1933	1762	8.62	cps
Dysprosium	156-1	50	67	42	53	24.12	cps
Dysprosium	156-2	53	27	40	40	33.33	cps
Erbium	164-1	100	108	133	114	15.23	cps
Erbium	164-2	50	47	57	51	9.96	cps
Gadolinium	160-1	117	92	17	75	69.39	cps
Gadolinium	160-2	153	120	153	142	13.53	cps
Holmium	165-1	10154765	10033143	10167823	10118577	0.73	cps
Holmium	165-2	6047415	6019767	6082636	6049939	0.52	cps
Indium	115-1	6992720	7007449	7041746	7013972	0.36	cps
Indium	115-2	1991356	1999124	2007238	1999239	0.40	cps
Iron	56-2	591902	595452	592704	593353	0.31	cps
Iron	57-2	15147	15692	15536	15458	1.82	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-19	Instrumnet Name :	P7
Client Sample ID :	A0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:06:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33352	32499	34295	33382	2.69	cps
Krypton	83-1	537	497	487	507	5.22	cps
Lead	206-1	2467	2367	2450	2428	2.21	cps
Lead	207-1	1950	2167	1972	2030	5.87	cps
Lead	208-1	9535	9740	9629	9635	1.07	cps
Lithium	6-1	2429348	2371150	2393191	2397896	1.23	cps
Magnesium	24-2	269827	264985	268854	267889	0.96	cps
Manganese	55-2	29469	29600	29757	29609	0.49	cps
Molybdenum	94-1	275	333	400	336	18.61	cps
Molybdenum	95-1	167	192	233	197	17.08	cps
Molybdenum	96-1	275	242	225	247	10.30	cps
Molybdenum	97-1	142	125	167	144	14.52	cps
Molybdenum	98-1	325	258	350	311	15.23	cps
Neodymium	150-1	60	67	27	51	41.93	cps
Neodymium	150-2	33	17	33	28	34.63	cps
Nickel	60-2	547	547	567	553	2.09	cps
Phosphorus	31-2	342	375	300	339	11.09	cps
Potassium	39-2	237480	237640	238598	237906	0.25	cps
Rhodium	103-1	5820032	5809929	6161847	5930602	3.38	cps
Rhodium	103-2	3472829	3491555	3500730	3488371	0.41	cps
Scandium	45-1	3598299	3610851	3657369	3622173	0.86	cps
Scandium	45-2	286969	286376	289490	287612	0.57	cps
Selenium	82-1	-2	63	38	33	99.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	109	80	91	17.79	cps
Silicon	28-1	2285292	2273392	2332822	2297169	1.37	cps
Silver	107-1	92	175	100	122	37.55	cps
Silver	109-1	92	33	83	69	45.44	cps
Sodium	23-2	25221716	25213600	25308802	25248039	0.21	cps
Strontium	86-1	65549	67777	67852	67059	1.95	cps
Strontium	88-1	575307	585272	595066	585215	1.69	cps
Sulfur	34-1	350081	358715	365784	358193	2.20	cps
Terbium	159-1	10209243	9980426	10218537	10136069	1.33	cps
Terbium	159-2	5897032	5852258	5908975	5886088	0.51	cps
Thallium	203-1	92	83	150	108	33.53	cps
Thallium	205-1	292	300	250	281	9.55	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-19	Instrumnet Name :	P7
Client Sample ID :	A0AR3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:06:23	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	228	211	172	204	14.00	cps
Tin	118-1	1150	1067	1125	1114	3.84	cps
Titanium	47-1	258	233	192	228	14.79	cps
Uranium	238-1	158	83	83	108	39.97	cps
Vanadium	51-2	140	157	190	162	15.69	cps
Yttrium	89-1	10662975	10714717	10815432	10731041	0.72	cps
Yttrium	89-2	2384202	2353121	2382026	2373116	0.73	cps
Zinc	66-2	3217	3130	3160	3169	1.39	cps
Zirconium	90-1	575	733	700	669	12.47	cps
Zirconium	91-1	175	167	133	158	13.92	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-20 Instrumnet Name : P7
 Client Sample ID : A0AR5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:09:31 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1492	1583	1536	2.99	cps
Antimony	121-1	742	808	775	775	4.30	cps
Arsenic	75-2	50	63	74	62	19.32	cps
Barium	135-1	42265	41521	42741	42176	1.46	cps
Barium	137-1	71702	74902	73318	73307	2.18	cps
Beryllium	9-1	122	83	100	102	19.16	cps
Bismuth	209-1	6760057	6746679	6740360	6749032	0.15	cps
Bismuth	209-2	4520655	4489209	4521541	4510468	0.41	cps
Boron	10-1	2442	2150	2409	2334	6.84	cps
Boron	11-1	11780	11705	12038	11841	1.48	cps
Bromine	81-1	33815	38084	40817	37572	9.39	cps
Bromine	81-2	5827	5997	5847	5891	1.58	cps
Cadmium	111-1	3894	3620	3812	3775	3.73	cps
Cadmium	106-1	4309	4009	4226	4181	3.70	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	69329	68869	69923	69374	0.76	cps
Calcium	44-1	1108919	1117154	1126654	1117576	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2030	1937	1933	1967	2.79	cps
Cobalt	59-2	130	137	183	150	19.37	cps
Copper	63-2	1363	1407	1360	1377	1.89	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	27	30	27	28	6.92	cps
Erbium	164-1	58	142	33	78	72.94	cps
Erbium	164-2	70	57	60	62	11.15	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	160	137	163	153	9.48	cps
Holmium	165-1	10281019	10293048	10296060	10290042	0.08	cps
Holmium	165-2	6093529	6405263	6393061	6297284	2.80	cps
Indium	115-1	7092231	7093555	7089601	7091796	0.03	cps
Indium	115-2	2032370	2030094	2084641	2049035	1.51	cps
Iron	56-2	578352	578804	593392	583516	1.47	cps
Iron	57-2	15058	14663	16142	15288	5.01	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-20	Instrumnet Name :	P7
Client Sample ID :	A0AR5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:09:31	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	32038	32188	33823	32683	3.03	cps
Krypton	83-1	517	543	470	510	7.28	cps
Lead	206-1	2089	1783	2239	2037	11.40	cps
Lead	207-1	1595	1733	1572	1633	5.35	cps
Lead	208-1	7762	7640	7707	7703	0.79	cps
Lithium	6-1	2459484	2429390	2423760	2437545	0.79	cps
Magnesium	24-2	270529	266696	278844	272023	2.28	cps
Manganese	55-2	30478	29740	31110	30443	2.25	cps
Molybdenum	94-1	317	400	333	350	12.60	cps
Molybdenum	95-1	208	242	275	242	13.79	cps
Molybdenum	96-1	217	233	250	233	7.14	cps
Molybdenum	97-1	83	167	92	114	40.30	cps
Molybdenum	98-1	342	258	275	292	15.12	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	37	50	27	38	30.98	cps
Nickel	60-2	667	643	647	652	1.94	cps
Phosphorus	31-2	483	417	550	483	13.79	cps
Potassium	39-2	241907	243275	255300	246828	2.99	cps
Rhodium	103-1	6213951	6269504	6315693	6266382	0.81	cps
Rhodium	103-2	3563948	3533380	3640942	3579423	1.55	cps
Scandium	45-1	3649031	3676719	3694942	3673564	0.63	cps
Scandium	45-2	293160	292328	305762	297084	2.53	cps
Selenium	82-1	4	-15	60	16	236.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	81	89	87	86	4.49	cps
Silicon	28-1	2283927	2292248	2315388	2297188	0.71	cps
Silver	107-1	108	150	83	114	29.57	cps
Silver	109-1	17	67	42	42	60.00	cps
Sodium	23-2	25520201	25331962	26063839	25638667	1.48	cps
Strontium	86-1	68454	68028	68940	68474	0.67	cps
Strontium	88-1	581948	590619	591576	588048	0.90	cps
Sulfur	34-1	356349	361387	362028	359922	0.86	cps
Terbium	159-1	10353844	10339067	10329153	10340688	0.12	cps
Terbium	159-2	5998128	5960799	6011218	5990048	0.44	cps
Thallium	203-1	108	183	175	156	26.43	cps
Thallium	205-1	408	317	450	392	17.42	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-20	Instrumnet Name :	P7
Client Sample ID :	A0AR5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:09:31	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	239	194	239	224	11.45	cps
Tin	118-1	1117	1325	1275	1239	8.78	cps
Titanium	47-1	333	217	292	281	21.07	cps
Uranium	238-1	150	100	142	131	20.52	cps
Vanadium	51-2	167	153	170	163	5.40	cps
Yttrium	89-1	10980277	10979674	10891415	10950455	0.47	cps
Yttrium	89-2	2410054	2414346	2490322	2438241	1.85	cps
Zinc	66-2	4297	4157	4414	4290	3.00	cps
Zirconium	90-1	742	650	617	669	9.67	cps
Zirconium	91-1	158	167	200	175	12.60	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3766-21 Instrumnet Name : P7
 Client Sample ID : A0AR7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:12:38 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959	2034	1625	1872	11.61	cps
Antimony	121-1	683	542	617	614	11.55	cps
Arsenic	75-2	46	52	59	52	12.39	cps
Barium	135-1	41345	42482	43076	42301	2.08	cps
Barium	137-1	72790	74658	75816	74421	2.05	cps
Beryllium	9-1	106	117	83	102	16.67	cps
Bismuth	209-1	7362260	7228524	7454271	7348352	1.54	cps
Bismuth	209-2	4525037	4594423	4599674	4573044	0.91	cps
Boron	10-1	2517	2492	2500	2503	0.51	cps
Boron	11-1	11905	11813	11413	11710	2.23	cps
Bromine	81-1	33231	36898	35954	35361	5.39	cps
Bromine	81-2	5857	6068	6468	6131	5.06	cps
Cadmium	111-1	3226	3920	3954	3700	11.10	cps
Cadmium	106-1	3542	4359	4392	4098	11.75	cps
Cadmium	108-1	13	33	38	28	48.22	cps
Calcium	43-1	69463	68224	71842	69843	2.63	cps
Calcium	44-1	1099898	1120518	1155402	1125273	2.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1817	1803	1713	1778	3.16	cps
Cobalt	59-2	107	140	137	128	14.37	cps
Copper	63-2	1447	1633	1497	1526	6.33	cps
Dysprosium	156-1	75	42	33	50	44.10	cps
Dysprosium	156-2	43	37	37	39	9.89	cps
Erbium	164-1	42	142	100	94	53.18	cps
Erbium	164-2	67	47	57	57	17.65	cps
Gadolinium	160-1	92	75	42	69	36.66	cps
Gadolinium	160-2	123	163	163	150	15.40	cps
Holmium	165-1	10572778	10340950	10713501	10542410	1.78	cps
Holmium	165-2	6484255	6479198	6469894	6477783	0.11	cps
Indium	115-1	7318311	7125929	7505252	7316497	2.59	cps
Indium	115-2	2121874	2136886	2130499	2129753	0.35	cps
Iron	56-2	650261	650264	639953	646826	0.92	cps
Iron	57-2	16699	16715	17049	16821	1.18	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-21	Instrumnet Name :	P7
Client Sample ID :	A0AR7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	36643	36824	36061	36509	1.09	cps
Krypton	83-1	470	617	507	531	14.37	cps
Lead	206-1	1806	2039	1872	1906	6.31	cps
Lead	207-1	1595	1639	1528	1587	3.52	cps
Lead	208-1	7318	7151	6968	7145	2.45	cps
Lithium	6-1	2481119	2432000	2325234	2412784	3.30	cps
Magnesium	24-2	287505	289726	283496	286909	1.10	cps
Manganese	55-2	35189	35119	34190	34833	1.60	cps
Molybdenum	94-1	333	350	300	328	7.77	cps
Molybdenum	95-1	133	233	208	192	27.15	cps
Molybdenum	96-1	242	225	292	253	13.73	cps
Molybdenum	97-1	75	133	150	119	32.97	cps
Molybdenum	98-1	383	258	342	328	19.42	cps
Neodymium	150-1	67	27	33	42	50.76	cps
Neodymium	150-2	30	13	10	18	60.28	cps
Nickel	60-2	577	480	543	533	9.21	cps
Phosphorus	31-2	517	508	483	503	3.45	cps
Potassium	39-2	269428	265961	264053	266481	1.02	cps
Rhodium	103-1	6370759	6265988	6696688	6444478	3.49	cps
Rhodium	103-2	3720508	3711960	3698124	3710197	0.30	cps
Scandium	45-1	3746869	3678878	4033853	3819867	4.93	cps
Scandium	45-2	313380	319590	315393	316121	1.00	cps
Selenium	82-1	52	-93	14	-9	-848.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	109	87	95	12.97	cps
Silicon	28-1	2342724	2423469	2511913	2426035	3.49	cps
Silver	107-1	133	75	142	117	31.14	cps
Silver	109-1	58	42	42	47	20.38	cps
Sodium	23-2	27187394	27324481	26748723	27086866	1.11	cps
Strontium	86-1	68128	67609	70037	68591	1.86	cps
Strontium	88-1	583123	589137	602686	591649	1.69	cps
Sulfur	34-1	357578	363846	395724	372383	5.49	cps
Terbium	159-1	10519513	10288331	10836338	10548061	2.61	cps
Terbium	159-2	6321613	6416488	6374912	6371004	0.75	cps
Thallium	203-1	200	150	92	147	36.83	cps
Thallium	205-1	367	317	275	319	14.37	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-21	Instrumnet Name :	P7
Client Sample ID :	A0AR7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:12:38	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	272	161	167	200	31.30	cps
Tin	118-1	842	967	817	875	9.19	cps
Titanium	47-1	283	258	250	264	6.57	cps
Uranium	238-1	117	92	117	108	13.32	cps
Vanadium	51-2	130	130	143	134	5.73	cps
Yttrium	89-1	11287081	11059668	11778944	11375231	3.23	cps
Yttrium	89-2	2561785	2553974	2540351	2552037	0.43	cps
Zinc	66-2	4904	5004	5151	5020	2.47	cps
Zirconium	90-1	733	650	683	689	6.09	cps
Zirconium	91-1	192	150	133	158	18.98	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2184	1959	2300	2147	8.09	cps
Antimony	121-1	550	733	750	678	16.37	cps
Arsenic	75-2	46	44	52	48	8.11	cps
Barium	135-1	43076	42315	42198	42529	1.12	cps
Barium	137-1	74341	75279	75438	75019	0.79	cps
Beryllium	9-1	67	89	133	96	35.25	cps
Bismuth	209-1	6554635	6750490	7167879	6824335	4.59	cps
Bismuth	209-2	4487994	4517124	4504205	4503108	0.32	cps
Boron	10-1	2400	2342	2217	2320	4.04	cps
Boron	11-1	10304	11213	11446	10988	5.49	cps
Bromine	81-1	30316	39998	42029	37448	16.71	cps
Bromine	81-2	6178	6088	6979	6415	7.65	cps
Cadmium	111-1	3754	3726	3437	3639	4.82	cps
Cadmium	106-1	4151	4126	3792	4023	4.97	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	72427	70643	70317	71129	1.60	cps
Calcium	44-1	1160547	1144048	1148642	1151079	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2074	2337	2190	2200	6.00	cps
Cobalt	59-2	140	160	127	142	11.80	cps
Copper	63-2	1463	1577	1440	1493	4.90	cps
Dysprosium	156-1	83	83	67	78	12.37	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	67	133	75	92	39.63	cps
Erbium	164-2	90	43	53	62	39.49	cps
Gadolinium	160-1	142	67	125	111	35.44	cps
Gadolinium	160-2	117	160	163	147	17.75	cps
Holmium	165-1	9995875	10302294	10226137	10174768	1.57	cps
Holmium	165-2	6506652	6090630	6122909	6240064	3.71	cps
Indium	115-1	7031603	7116437	6969428	7039156	1.05	cps
Indium	115-2	2073465	2011698	2017559	2034240	1.68	cps
Iron	56-2	647290	626366	620098	631251	2.26	cps
Iron	57-2	16459	16382	15486	16109	3.36	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	35911	34947	34726	35195	1.79	cps
Krypton	83-1	463	450	530	481	8.91	cps
Lead	206-1	2134	2556	2595	2428	10.53	cps
Lead	207-1	2000	2117	1822	1980	7.49	cps
Lead	208-1	9029	10007	9285	9440	5.37	cps
Lithium	6-1	2235471	2444348	2397490	2359103	4.65	cps
Magnesium	24-2	283534	276230	272590	277451	2.01	cps
Manganese	55-2	34601	33695	33438	33911	1.80	cps
Molybdenum	94-1	392	367	358	372	4.66	cps
Molybdenum	95-1	225	242	208	225	7.41	cps
Molybdenum	96-1	292	292	325	303	6.36	cps
Molybdenum	97-1	117	117	158	131	18.43	cps
Molybdenum	98-1	258	233	367	286	24.77	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	27	40	37	34	20.14	cps
Nickel	60-2	670	563	543	592	11.50	cps
Phosphorus	31-2	400	450	342	397	13.65	cps
Potassium	39-2	259259	244433	243285	248992	3.58	cps
Rhodium	103-1	6287893	6253648	6092136	6211226	1.68	cps
Rhodium	103-2	3634771	3511671	3541923	3562788	1.80	cps
Scandium	45-1	3736526	3692657	3638146	3689109	1.34	cps
Scandium	45-2	302694	291551	290110	294785	2.34	cps
Selenium	82-1	75	45	-56	21	321.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	98	93	109	100	8.49	cps
Silicon	28-1	2473873	2411463	2431934	2439090	1.30	cps
Silver	107-1	75	108	133	106	27.73	cps
Silver	109-1	50	33	67	50	33.34	cps
Sodium	23-2	26605156	25926165	25657478	26062933	1.87	cps
Strontium	86-1	69536	69124	69534	69398	0.34	cps
Strontium	88-1	606141	594413	601559	600704	0.98	cps
Sulfur	34-1	400022	364573	374110	379568	4.83	cps
Terbium	159-1	10048925	10249726	10097688	10132113	1.03	cps
Terbium	159-2	5961169	5896544	5909056	5922257	0.58	cps
Thallium	203-1	167	117	200	161	26.03	cps
Thallium	205-1	308	342	333	328	5.29	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-22	Instrumnet Name :	P7
Client Sample ID :	A0AR9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:15:43	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	222	256	189	222	15.00	cps
Tin	118-1	1592	1375	1233	1400	12.89	cps
Titanium	47-1	233	192	292	239	21.03	cps
Uranium	238-1	133	100	150	128	19.93	cps
Vanadium	51-2	120	153	183	152	20.81	cps
Yttrium	89-1	11040317	10938316	10851899	10943511	0.86	cps
Yttrium	89-2	2475788	2379642	2370883	2408771	2.42	cps
Zinc	66-2	8049	7639	7896	7861	2.64	cps
Zirconium	90-1	775	792	750	772	2.72	cps
Zirconium	91-1	142	150	192	161	16.63	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1733	1467	1567	1589	8.48	cps
Antimony	121-1	608	600	542	583	6.23	cps
Arsenic	75-2	57	56	54	56	3.34	cps
Barium	135-1	42114	41178	40359	41217	2.13	cps
Barium	137-1	71726	71953	71920	71866	0.17	cps
Beryllium	9-1	44	72	89	69	32.76	cps
Bismuth	209-1	6575551	6714460	6650529	6646847	1.05	cps
Bismuth	209-2	4521865	4495281	4518825	4511990	0.32	cps
Boron	10-1	2284	2525	2500	2436	5.46	cps
Boron	11-1	10671	11655	11905	11410	5.72	cps
Bromine	81-1	29664	33306	36146	33039	9.83	cps
Bromine	81-2	4535	5407	5066	5003	8.78	cps
Cadmium	111-1	3526	3784	3500	3604	4.35	cps
Cadmium	106-1	3901	4184	3884	3990	4.23	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	68048	69807	69547	69134	1.37	cps
Calcium	44-1	1094969	1096222	1093754	1094982	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1367	1460	1403	1410	3.34	cps
Cobalt	59-2	127	137	120	128	6.57	cps
Copper	63-2	3097	3047	2984	3043	1.87	cps
Dysprosium	156-1	83	58	25	56	52.68	cps
Dysprosium	156-2	60	33	23	39	48.75	cps
Erbium	164-1	92	75	92	86	11.18	cps
Erbium	164-2	67	43	77	62	27.50	cps
Gadolinium	160-1	42	92	75	69	36.66	cps
Gadolinium	160-2	200	150	187	179	14.47	cps
Holmium	165-1	10127943	10234183	10181135	10181087	0.52	cps
Holmium	165-2	6438446	6157909	6135492	6243949	2.70	cps
Indium	115-1	7201166	7028557	6921739	7050487	2.00	cps
Indium	115-2	2090350	2078542	2034834	2067909	1.41	cps
Iron	56-2	593807	590354	566627	583596	2.54	cps
Iron	57-2	15814	15430	14669	15305	3.81	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33021	33181	31345	32516	3.13	cps
Krypton	83-1	517	597	473	529	11.83	cps
Lead	206-1	2289	2206	2211	2235	2.08	cps
Lead	207-1	1761	1861	1711	1778	4.30	cps
Lead	208-1	9018	8457	8596	8690	3.36	cps
Lithium	6-1	2401993	2426670	2403660	2410774	0.57	cps
Magnesium	24-2	274984	274840	266304	272043	1.83	cps
Manganese	55-2	31648	32192	30418	31419	2.89	cps
Molybdenum	94-1	467	283	258	336	33.85	cps
Molybdenum	95-1	192	200	183	192	4.35	cps
Molybdenum	96-1	308	283	208	267	19.52	cps
Molybdenum	97-1	167	108	142	139	21.07	cps
Molybdenum	98-1	183	325	342	283	30.71	cps
Neodymium	150-1	20	60	47	42	48.24	cps
Neodymium	150-2	37	13	30	27	45.08	cps
Nickel	60-2	657	680	623	653	4.36	cps
Phosphorus	31-2	425	442	325	397	15.89	cps
Potassium	39-2	253650	256623	236964	249079	4.25	cps
Rhodium	103-1	6199093	6207789	6046178	6151020	1.48	cps
Rhodium	103-2	3657214	3636577	3547629	3613807	1.61	cps
Scandium	45-1	3661798	3665590	3620476	3649288	0.69	cps
Scandium	45-2	308841	306757	293379	302992	2.77	cps
Selenium	82-1	2	-98	54	-14	-547.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	63	91	82	20.22	cps
Silicon	28-1	2290313	2290279	2293698	2291430	0.09	cps
Silver	107-1	108	117	108	111	4.33	cps
Silver	109-1	42	25	33	33	25.01	cps
Sodium	23-2	25872137	26070465	25437229	25793277	1.26	cps
Strontium	86-1	66764	66931	67274	66990	0.39	cps
Strontium	88-1	570855	578563	576169	575196	0.69	cps
Sulfur	34-1	368323	366350	359033	364568	1.34	cps
Terbium	159-1	10199347	10213054	10176439	10196280	0.18	cps
Terbium	159-2	6004720	6017031	6004991	6008914	0.12	cps
Thallium	203-1	142	133	75	117	31.14	cps
Thallium	205-1	283	358	225	289	23.14	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-23	Instrumnet Name :	P7
Client Sample ID :	A0AS1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:18:50	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	200	150	211	187	17.41	cps
Tin	118-1	667	842	683	731	13.22	cps
Titanium	47-1	242	300	267	269	10.86	cps
Uranium	238-1	125	100	100	108	13.32	cps
Vanadium	51-2	127	160	130	139	13.22	cps
Yttrium	89-1	10893746	11008300	10773633	10891893	1.08	cps
Yttrium	89-2	2513519	2483426	2427658	2474868	1.76	cps
Zinc	66-2	3070	3217	3090	3126	2.54	cps
Zirconium	90-1	592	708	683	661	9.29	cps
Zirconium	91-1	125	108	100	111	11.46	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142	2167	2234	2181	2.17	cps
Antimony	121-1	558	608	733	633	14.23	cps
Arsenic	75-2	63	59	52	58	9.75	cps
Barium	135-1	44630	46378	44848	45285	2.10	cps
Barium	137-1	78613	79778	80650	79680	1.28	cps
Beryllium	9-1	156	144	111	137	16.88	cps
Bismuth	209-1	6629457	6733970	6632112	6665180	0.89	cps
Bismuth	209-2	4482408	4520309	4521450	4508055	0.49	cps
Boron	10-1	2592	2284	2559	2478	6.83	cps
Boron	11-1	11505	11930	12656	12030	4.84	cps
Bromine	81-1	33088	38009	41226	37441	10.95	cps
Bromine	81-2	6478	6618	6408	6502	1.65	cps
Cadmium	111-1	3736	3645	3626	3669	1.59	cps
Cadmium	106-1	4134	4042	4017	4065	1.51	cps
Cadmium	108-1	8	29	25	21	52.93	cps
Calcium	43-1	71883	71606	71640	71710	0.21	cps
Calcium	44-1	1140520	1146715	1145332	1144189	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1913	1840	2190	1981	9.32	cps
Cobalt	59-2	177	207	217	200	10.41	cps
Copper	63-2	1480	1423	1380	1428	3.51	cps
Dysprosium	156-1	58	92	67	72	24.02	cps
Dysprosium	156-2	30	47	30	36	27.07	cps
Erbium	164-1	100	158	133	131	22.42	cps
Erbium	164-2	57	97	73	76	26.59	cps
Gadolinium	160-1	100	117	92	103	12.39	cps
Gadolinium	160-2	150	150	150	150	0.00	cps
Holmium	165-1	10211858	10137932	10211954	10187248	0.42	cps
Holmium	165-2	6081118	6121524	6107642	6103428	0.34	cps
Indium	115-1	7013958	7055247	7045965	7038390	0.31	cps
Indium	115-2	1995446	2039407	2013865	2016239	1.09	cps
Iron	56-2	859984	881316	864627	868643	1.29	cps
Iron	57-2	21978	22317	21928	22074	0.96	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	47414	49503	47043	47987	2.76	cps
Krypton	83-1	497	560	417	491	14.63	cps
Lead	206-1	2145	2584	2456	2395	9.43	cps
Lead	207-1	1911	1939	2161	2004	6.84	cps
Lead	208-1	9024	9702	9513	9413	3.72	cps
Lithium	6-1	2439660	2430518	2422476	2430885	0.35	cps
Magnesium	24-2	269787	276323	272119	272743	1.21	cps
Manganese	55-2	70086	71938	70293	70772	1.43	cps
Molybdenum	94-1	350	275	350	325	13.32	cps
Molybdenum	95-1	208	158	183	183	13.64	cps
Molybdenum	96-1	292	325	317	311	5.58	cps
Molybdenum	97-1	133	158	83	125	30.55	cps
Molybdenum	98-1	375	383	375	378	1.27	cps
Neodymium	150-1	80	60	87	76	18.37	cps
Neodymium	150-2	53	27	43	41	32.76	cps
Nickel	60-2	627	640	637	634	1.09	cps
Phosphorus	31-2	292	508	500	433	28.33	cps
Potassium	39-2	238381	251941	242467	244263	2.85	cps
Rhodium	103-1	6310539	6296313	6224883	6277245	0.73	cps
Rhodium	103-2	3500680	3542449	3530077	3524402	0.61	cps
Scandium	45-1	3659857	3664464	3628578	3650967	0.53	cps
Scandium	45-2	284594	296218	291589	290800	2.01	cps
Selenium	82-1	32	-37	52	16	293.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	78	80	72	77	5.04	cps
Silicon	28-1	2442345	2466965	2498651	2469320	1.14	cps
Silver	107-1	83	67	75	75	11.11	cps
Silver	109-1	67	33	67	56	34.65	cps
Sodium	23-2	25674326	26092411	25547497	25771411	1.11	cps
Strontium	86-1	69141	70507	69451	69700	1.03	cps
Strontium	88-1	595106	606125	597249	599493	0.97	cps
Sulfur	34-1	366977	369813	369273	368688	0.41	cps
Terbium	159-1	10296180	10238178	10081315	10205224	1.09	cps
Terbium	159-2	5918591	5943396	5963109	5941699	0.38	cps
Thallium	203-1	125	158	183	156	18.82	cps
Thallium	205-1	358	308	258	308	16.22	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3766-24	Instrumnet Name :	P7
Client Sample ID :	A0AS3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:21:57	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	211	172	144	176	19.04	cps
Tin	118-1	1008	975	1167	1050	9.75	cps
Titanium	47-1	333	358	300	331	8.85	cps
Uranium	238-1	83	133	83	100	28.87	cps
Vanadium	51-2	207	207	137	183	22.04	cps
Yttrium	89-1	10811992	11078611	10747974	10879525	1.61	cps
Yttrium	89-2	2352319	2426005	2395954	2391426	1.55	cps
Zinc	66-2	7162	7662	7352	7392	3.42	cps
Zirconium	90-1	542	783	525	617	23.45	cps
Zirconium	91-1	167	108	142	139	21.07	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3767-01 Instrumnet Name : P7
 Client Sample ID : A0AM8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:25:41 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7385	7277	7811	7491	3.76	cps
Antimony	121-1	767	967	917	883	11.78	cps
Arsenic	75-2	120	122	131	125	4.77	cps
Barium	135-1	86543	90073	87675	88097	2.05	cps
Barium	137-1	152225	154449	152865	153179	0.75	cps
Beryllium	9-1	117	94	106	106	10.52	cps
Bismuth	209-1	7176589	7204432	6661723	7014248	4.36	cps
Bismuth	209-2	4458913	4501539	4526198	4495550	0.76	cps
Boron	10-1	3300	3500	3659	3487	5.15	cps
Boron	11-1	16434	15759	16042	16078	2.11	cps
Bromine	81-1	50547	59305	66613	58822	13.67	cps
Bromine	81-2	10945	12088	11306	11446	5.10	cps
Cadmium	111-1	3655	3634	3636	3642	0.31	cps
Cadmium	106-1	4042	4009	4034	4028	0.43	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	192603	198228	192452	194428	1.69	cps
Calcium	44-1	3132410	3177405	3149017	3152944	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2497	2417	2510	2475	2.04	cps
Cobalt	59-2	1297	1303	1247	1282	2.42	cps
Copper	63-2	2924	2774	3044	2914	4.64	cps
Dysprosium	156-1	233	233	267	244	7.87	cps
Dysprosium	156-2	157	140	160	152	7.04	cps
Erbium	164-1	292	325	392	336	15.15	cps
Erbium	164-2	233	203	187	208	11.38	cps
Gadolinium	160-1	308	275	292	292	5.72	cps
Gadolinium	160-2	293	280	250	274	8.09	cps
Holmium	165-1	10138657	10259038	10110634	10169443	0.78	cps
Holmium	165-2	6062726	6038991	6367635	6156451	2.98	cps
Indium	115-1	7020666	6988588	6991702	7000319	0.25	cps
Indium	115-2	2019618	1976153	2023567	2006446	1.31	cps
Iron	56-2	1822624	1762166	1810123	1798304	1.77	cps
Iron	57-2	47443	45571	46491	46502	2.01	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-01	Instrumnet Name :	P7
Client Sample ID :	A0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:25:41	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	101227	97570	100371	99723	1.92	cps
Krypton	83-1	523	493	467	494	5.73	cps
Lead	206-1	3300	3323	3312	3312	0.34	cps
Lead	207-1	2761	2728	2889	2793	3.05	cps
Lead	208-1	12814	12313	12825	12651	2.31	cps
Lithium	6-1	2427163	2382621	2404751	2404845	0.93	cps
Magnesium	24-2	632928	612879	623151	622986	1.61	cps
Manganese	55-2	370852	356712	364090	363885	1.94	cps
Molybdenum	94-1	975	867	975	939	6.66	cps
Molybdenum	95-1	900	1167	1183	1083	14.68	cps
Molybdenum	96-1	1200	1292	1258	1250	3.71	cps
Molybdenum	97-1	675	708	600	661	8.39	cps
Molybdenum	98-1	1417	1767	1417	1533	13.18	cps
Neodymium	150-1	293	320	293	302	5.09	cps
Neodymium	150-2	177	167	173	172	2.96	cps
Nickel	60-2	1263	1133	1290	1229	6.82	cps
Phosphorus	31-2	442	308	517	422	24.99	cps
Potassium	39-2	553832	526802	553012	544549	2.82	cps
Rhodium	103-1	6119658	6224464	5785911	6043344	3.79	cps
Rhodium	103-2	3489558	3441806	3515832	3482398	1.08	cps
Scandium	45-1	3607950	3695619	3614864	3639478	1.34	cps
Scandium	45-2	292027	280310	291183	287840	2.27	cps
Selenium	82-1	-53	51	67	22	301.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	74	102	86	16.37	cps
Silicon	28-1	15587253	15664327	15416695	15556092	0.81	cps
Silver	107-1	108	92	67	89	23.59	cps
Silver	109-1	75	75	50	67	21.65	cps
Sodium	23-2	23382853	22780281	23268724	23143953	1.38	cps
Strontium	86-1	149907	152677	152677	151753	1.05	cps
Strontium	88-1	1315337	1329420	1325774	1323510	0.55	cps
Sulfur	34-1	352316	364640	350429	355795	2.17	cps
Terbium	159-1	10163746	10305907	10185809	10218487	0.75	cps
Terbium	159-2	5881102	5871954	5916025	5889694	0.39	cps
Thallium	203-1	100	67	158	108	42.83	cps
Thallium	205-1	375	283	383	347	15.98	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-01	Instrumnet Name :	P7
Client Sample ID :	A0AM8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:25:41	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	706	672	672	683	2.82	cps
Tin	118-1	1150	1525	1567	1414	16.23	cps
Titanium	47-1	2155	925	917	1332	53.49	cps
Uranium	238-1	825	783	750	786	4.78	cps
Vanadium	51-2	903	987	890	927	5.65	cps
Yttrium	89-1	10787489	10924801	10661296	10791195	1.22	cps
Yttrium	89-2	2388830	2325090	2383468	2365796	1.49	cps
Zinc	66-2	7872	7509	7535	7639	2.65	cps
Zirconium	90-1	1000	950	875	942	6.68	cps
Zirconium	91-1	225	250	150	208	24.98	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8453	8244	8536	8411	1.79	cps
Antimony	121-1	617	883	775	758	17.69	cps
Arsenic	75-2	113	106	139	119	14.69	cps
Barium	135-1	87096	90687	88228	88671	2.07	cps
Barium	137-1	156623	159820	156187	157543	1.26	cps
Beryllium	9-1	78	67	83	76	11.17	cps
Bismuth	209-1	6699871	7104431	6582436	6795579	4.03	cps
Bismuth	209-2	4436576	4468794	4475043	4460138	0.46	cps
Boron	10-1	2875	2784	3717	3125	16.46	cps
Boron	11-1	15642	14482	16367	15497	6.14	cps
Bromine	81-1	54144	56771	65951	58956	10.52	cps
Bromine	81-2	10755	11406	11326	11162	3.18	cps
Cadmium	111-1	3586	3423	3521	3510	2.34	cps
Cadmium	106-1	3959	3767	3901	3876	2.54	cps
Cadmium	108-1	33	8	13	18	74.19	cps
Calcium	43-1	189758	197953	190765	192825	2.32	cps
Calcium	44-1	3076580	3206635	3098077	3127097	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2770	2650	2837	2753	3.44	cps
Cobalt	59-2	977	1013	1037	1009	3.00	cps
Copper	63-2	3524	3430	3580	3512	2.16	cps
Dysprosium	156-1	242	275	258	258	6.45	cps
Dysprosium	156-2	193	157	210	187	14.62	cps
Erbium	164-1	450	308	325	361	21.44	cps
Erbium	164-2	187	233	233	218	12.37	cps
Gadolinium	160-1	425	333	358	372	12.73	cps
Gadolinium	160-2	330	290	300	307	6.79	cps
Holmium	165-1	10323091	10213860	9919680	10152210	2.06	cps
Holmium	165-2	5999529	6072330	6060970	6044277	0.65	cps
Indium	115-1	6984775	7239754	6889853	7038127	2.57	cps
Indium	115-2	2011791	1994721	2000478	2002330	0.43	cps
Iron	56-2	1758676	1765796	1747976	1757483	0.51	cps
Iron	57-2	44913	44662	45052	44876	0.44	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	96663	98698	96331	97230	1.32	cps
Krypton	83-1	563	610	500	558	9.90	cps
Lead	206-1	8080	8053	8264	8132	1.41	cps
Lead	207-1	6952	7119	6552	6874	4.24	cps
Lead	208-1	31982	31776	30564	31441	2.44	cps
Lithium	6-1	2398408	2178019	2350158	2308862	5.02	cps
Magnesium	24-2	610602	603153	607756	607171	0.62	cps
Manganese	55-2	247956	244494	245254	245901	0.74	cps
Molybdenum	94-1	883	892	850	875	2.52	cps
Molybdenum	95-1	1142	1000	1083	1075	6.62	cps
Molybdenum	96-1	1083	1042	1083	1070	2.25	cps
Molybdenum	97-1	558	742	617	639	14.66	cps
Molybdenum	98-1	1758	1633	1467	1620	9.04	cps
Neodymium	150-1	287	373	433	364	20.23	cps
Neodymium	150-2	173	177	220	190	13.70	cps
Nickel	60-2	920	1007	1007	978	5.12	cps
Phosphorus	31-2	458	533	517	503	7.83	cps
Potassium	39-2	535754	524301	528622	529559	1.09	cps
Rhodium	103-1	6210690	6413027	6151830	6258516	2.19	cps
Rhodium	103-2	3504243	3441209	3483920	3476458	0.93	cps
Scandium	45-1	3613194	3797888	3571777	3660953	3.29	cps
Scandium	45-2	288967	286569	285226	286921	0.66	cps
Selenium	82-1	-10	-68	30	-16	-302.79	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	100	87	76	88	13.74	cps
Silicon	28-1	15311839	15827769	15288481	15476030	1.97	cps
Silver	107-1	92	50	108	83	36.06	cps
Silver	109-1	108	67	67	81	29.86	cps
Sodium	23-2	22439312	22015792	22151686	22202263	0.97	cps
Strontium	86-1	146691	153218	151197	150369	2.22	cps
Strontium	88-1	1283024	1339324	1298962	1307103	2.22	cps
Sulfur	34-1	356116	389545	358961	368207	5.03	cps
Terbium	159-1	10165511	10262796	10019201	10149169	1.21	cps
Terbium	159-2	5894415	5870194	5854172	5872927	0.34	cps
Thallium	203-1	142	158	125	142	11.77	cps
Thallium	205-1	300	367	317	328	10.58	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-02	Instrumnet Name :	P7
Client Sample ID :	A0AN2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:28:49	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	689	767	683	713	6.54	cps
Tin	118-1	1575	1959	2075	1870	13.99	cps
Titanium	47-1	1492	1642	1550	1561	4.84	cps
Uranium	238-1	742	708	875	775	11.38	cps
Vanadium	51-2	743	660	650	684	7.49	cps
Yttrium	89-1	10700176	11254053	10775492	10909907	2.75	cps
Yttrium	89-2	2375048	2355294	2370191	2366844	0.43	cps
Zinc	66-2	8766	9026	9093	8962	1.93	cps
Zirconium	90-1	958	1075	958	997	6.75	cps
Zirconium	91-1	167	267	158	197	30.57	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3767-03 Instrumnet Name : P7
 Client Sample ID : A0AN4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:31:57 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6218	6385	6602	6402	3.00	cps
Antimony	121-1	817	733	750	767	5.75	cps
Arsenic	75-2	144	120	107	124	15.15	cps
Barium	135-1	84245	83341	86308	84631	1.80	cps
Barium	137-1	148224	146893	148235	147784	0.52	cps
Beryllium	9-1	106	72	78	85	20.97	cps
Bismuth	209-1	6612813	7183301	6661897	6819337	4.64	cps
Bismuth	209-2	4431661	4464993	4461797	4452817	0.41	cps
Boron	10-1	3092	3392	3459	3314	5.89	cps
Boron	11-1	14624	17227	15867	15906	8.18	cps
Bromine	81-1	55172	66295	69375	63614	11.74	cps
Bromine	81-2	11246	11416	11296	11319	0.77	cps
Cadmium	111-1	3809	3601	3609	3673	3.21	cps
Cadmium	106-1	4209	4001	3984	4065	3.09	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	202964	195255	203335	200518	2.27	cps
Calcium	44-1	3234745	3161366	3266032	3220715	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1800	1980	2020	1933	6.06	cps
Cobalt	59-2	1037	847	780	888	15.00	cps
Copper	63-2	3160	3270	3297	3243	2.23	cps
Dysprosium	156-1	225	242	258	242	6.90	cps
Dysprosium	156-2	193	127	193	171	22.49	cps
Erbium	164-1	350	292	392	344	14.58	cps
Erbium	164-2	180	190	233	201	14.10	cps
Gadolinium	160-1	317	250	267	278	12.49	cps
Gadolinium	160-2	230	323	347	300	20.58	cps
Holmium	165-1	10128972	10018331	10046620	10064641	0.57	cps
Holmium	165-2	5981333	6046530	6013220	6013694	0.54	cps
Indium	115-1	6987292	6987574	6880068	6951645	0.89	cps
Indium	115-2	1973870	1992104	2000697	1988890	0.69	cps
Iron	56-2	1373573	1385755	1382233	1380520	0.45	cps
Iron	57-2	35716	36607	36095	36139	1.24	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03	Instrumnet Name :	P7
Client Sample ID :	A0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:31:57	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	76092	76182	76675	76317	0.41	cps
Krypton	83-1	467	473	450	463	2.59	cps
Lead	206-1	2489	2356	2295	2380	4.18	cps
Lead	207-1	1895	1872	1795	1854	2.83	cps
Lead	208-1	9529	9185	8929	9214	3.27	cps
Lithium	6-1	2389172	2406253	2379000	2391475	0.58	cps
Magnesium	24-2	635170	633541	642585	637099	0.76	cps
Manganese	55-2	204392	204473	203418	204094	0.29	cps
Molybdenum	94-1	833	950	875	886	6.67	cps
Molybdenum	95-1	992	992	1092	1025	5.63	cps
Molybdenum	96-1	1150	1317	1292	1253	7.17	cps
Molybdenum	97-1	667	900	617	728	20.78	cps
Molybdenum	98-1	1700	1959	1850	1836	7.07	cps
Neodymium	150-1	193	267	293	251	20.62	cps
Neodymium	150-2	167	147	147	153	7.53	cps
Nickel	60-2	867	880	920	889	3.12	cps
Phosphorus	31-2	475	483	483	481	1.00	cps
Potassium	39-2	553983	554293	559032	555769	0.51	cps
Rhodium	103-1	6165852	6053680	6091459	6103664	0.94	cps
Rhodium	103-2	3465847	3482279	3466936	3471687	0.26	cps
Scandium	45-1	3598963	3534219	3628523	3587235	1.34	cps
Scandium	45-2	287236	287408	286897	287180	0.09	cps
Selenium	82-1	47	87	78	71	29.89	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	91	80	85	85	6.52	cps
Silicon	28-1	15705253	15411088	15811501	15642614	1.33	cps
Silver	107-1	50	100	100	83	34.64	cps
Silver	109-1	42	58	33	44	28.64	cps
Sodium	23-2	23168207	23138890	23126938	23144678	0.09	cps
Strontium	86-1	154260	154361	156181	154934	0.70	cps
Strontium	88-1	1358956	1332289	1364520	1351921	1.27	cps
Sulfur	34-1	354609	337205	359119	350311	3.30	cps
Terbium	159-1	10241877	10281045	10053656	10192193	1.19	cps
Terbium	159-2	5813819	5855839	5865415	5845024	0.47	cps
Thallium	203-1	142	167	142	150	9.62	cps
Thallium	205-1	267	292	325	294	9.94	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03	Instrumnet Name :	P7
Client Sample ID :	A0AN4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:31:57	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	572	756	678	669	13.77	cps
Tin	118-1	1033	1200	1167	1133	7.78	cps
Titanium	47-1	733	750	942	808	14.32	cps
Uranium	238-1	883	792	825	833	5.57	cps
Vanadium	51-2	613	550	553	572	6.23	cps
Yttrium	89-1	10838222	10643217	10747892	10743110	0.91	cps
Yttrium	89-2	2338578	2367552	2377749	2361293	0.86	cps
Zinc	66-2	3620	3767	3617	3668	2.34	cps
Zirconium	90-1	900	892	875	889	1.43	cps
Zirconium	91-1	167	183	167	172	5.59	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7119	6702	6702	6841	3.52	cps
Antimony	121-1	842	700	625	722	15.24	cps
Arsenic	75-2	100	89	106	98	8.65	cps
Barium	135-1	87516	84363	84648	85509	2.04	cps
Barium	137-1	149151	149076	148612	148946	0.20	cps
Beryllium	9-1	67	78	50	65	21.57	cps
Bismuth	209-1	6650473	7231745	6694776	6858998	4.72	cps
Bismuth	209-2	4456545	4509127	4493155	4486276	0.60	cps
Boron	10-1	3267	3467	3609	3448	4.98	cps
Boron	11-1	14891	16601	14966	15486	6.24	cps
Bromine	81-1	54261	68732	72566	65186	14.81	cps
Bromine	81-2	10615	12308	12578	11834	8.99	cps
Cadmium	111-1	3218	3842	4059	3706	11.79	cps
Cadmium	106-1	3551	4242	4476	4090	11.77	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	198871	193982	194554	195802	1.37	cps
Calcium	44-1	3229583	3128346	3142384	3166771	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2197	2274	2224	2231	1.74	cps
Cobalt	59-2	927	940	917	928	1.26	cps
Copper	63-2	2174	2280	2374	2276	4.40	cps
Dysprosium	156-1	267	275	292	278	4.58	cps
Dysprosium	156-2	130	170	193	164	19.48	cps
Erbium	164-1	283	308	292	294	4.32	cps
Erbium	164-2	227	133	187	182	25.70	cps
Gadolinium	160-1	242	342	308	297	17.13	cps
Gadolinium	160-2	327	290	257	291	12.03	cps
Holmium	165-1	10204023	10298824	10155070	10219306	0.72	cps
Holmium	165-2	5930192	6061565	6048233	6013330	1.20	cps
Indium	115-1	7069057	7004041	7103577	7058892	0.72	cps
Indium	115-2	1988856	2008143	1982978	1993326	0.66	cps
Iron	56-2	1675599	1677122	1640569	1664430	1.24	cps
Iron	57-2	43080	43821	42473	43124	1.57	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	91746	94113	92501	92787	1.30	cps
Krypton	83-1	560	447	447	484	13.51	cps
Lead	206-1	4462	4412	4317	4397	1.67	cps
Lead	207-1	3545	3845	3701	3697	4.06	cps
Lead	208-1	17149	17427	16905	17160	1.52	cps
Lithium	6-1	2321541	2377714	2385002	2361419	1.47	cps
Magnesium	24-2	608706	618647	599385	608913	1.58	cps
Manganese	55-2	222644	221329	217675	220550	1.17	cps
Molybdenum	94-1	792	1042	1000	945	14.18	cps
Molybdenum	95-1	1058	1067	1142	1089	4.21	cps
Molybdenum	96-1	1100	1233	1283	1206	7.86	cps
Molybdenum	97-1	650	658	575	628	7.31	cps
Molybdenum	98-1	1750	1567	1758	1692	6.40	cps
Neodymium	150-1	400	340	393	378	8.71	cps
Neodymium	150-2	190	213	157	187	15.26	cps
Nickel	60-2	953	863	900	906	5.00	cps
Phosphorus	31-2	417	550	508	492	13.87	cps
Potassium	39-2	525050	529265	512984	522433	1.62	cps
Rhodium	103-1	6218443	6159524	6155432	6177800	0.57	cps
Rhodium	103-2	3489634	3510910	3443281	3481275	0.99	cps
Scandium	45-1	3682996	3633291	3605925	3640737	1.07	cps
Scandium	45-2	285729	287697	280521	284649	1.30	cps
Selenium	82-1	38	89	105	77	45.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	80	94	93	89	9.08	cps
Silicon	28-1	15379393	14965233	15125117	15156581	1.38	cps
Silver	107-1	100	58	108	89	30.13	cps
Silver	109-1	25	67	50	47	44.41	cps
Sodium	23-2	21872009	22025760	21729488	21875752	0.68	cps
Strontium	86-1	156838	148873	152678	152796	2.61	cps
Strontium	88-1	1341139	1298348	1317494	1318994	1.63	cps
Sulfur	34-1	374790	351792	353102	359895	3.59	cps
Terbium	159-1	10057030	10375796	10239267	10224031	1.56	cps
Terbium	159-2	5885229	5910214	5880408	5891950	0.27	cps
Thallium	203-1	125	92	150	122	23.95	cps
Thallium	205-1	392	225	358	325	27.14	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-04	Instrumnet Name :	P7
Client Sample ID :	A0AN4D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:35:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	839	817	728	794	7.40	cps
Tin	118-1	1842	1367	1617	1608	14.77	cps
Titanium	47-1	725	825	925	825	12.12	cps
Uranium	238-1	825	733	817	792	6.40	cps
Vanadium	51-2	663	720	600	661	9.08	cps
Yttrium	89-1	10939653	10832124	10903756	10891844	0.50	cps
Yttrium	89-2	2364944	2378668	2329701	2357771	1.07	cps
Zinc	66-2	5855	6018	6025	5966	1.61	cps
Zirconium	90-1	1083	1025	1192	1100	7.69	cps
Zirconium	91-1	150	200	167	172	14.78	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1175	1283	1358	1272	7.24	cps
Antimony	121-1	158	217	217	197	17.08	cps
Arsenic	75-2	24	35	20	27	29.06	cps
Barium	135-1	16327	17153	17052	16844	2.68	cps
Barium	137-1	28162	28880	29649	28897	2.57	cps
Beryllium	9-1	56	39	50	48	17.63	cps
Bismuth	209-1	7160343	6681951	7136610	6992968	3.86	cps
Bismuth	209-2	4480255	4477167	4448524	4468649	0.39	cps
Boron	10-1	983	1008	925	972	4.40	cps
Boron	11-1	4334	4584	4676	4531	3.90	cps
Bromine	81-1	26842	27953	27318	27371	2.04	cps
Bromine	81-2	3214	3264	2913	3130	6.05	cps
Cadmium	111-1	3889	3565	3449	3635	6.28	cps
Cadmium	106-1	4301	3951	3834	4028	6.03	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	39570	38751	40681	39668	2.44	cps
Calcium	44-1	631468	640461	651975	641301	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1103	977	1030	1037	6.14	cps
Cobalt	59-2	157	203	197	186	13.60	cps
Copper	63-2	1233	1237	1283	1251	2.23	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	37	27	27	30	19.24	cps
Erbium	164-1	83	117	125	108	20.35	cps
Erbium	164-2	73	60	43	59	25.53	cps
Gadolinium	160-1	67	75	92	78	16.37	cps
Gadolinium	160-2	180	157	140	159	12.65	cps
Holmium	165-1	10003290	10122377	10133845	10086504	0.72	cps
Holmium	165-2	6010081	5987619	5847364	5948355	1.48	cps
Indium	115-1	7063107	7122340	6935919	7040455	1.35	cps
Indium	115-2	2008433	2011381	2005021	2008278	0.16	cps
Iron	56-2	276559	274669	276062	275764	0.36	cps
Iron	57-2	7074	7046	7769	7296	5.61	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15594	15214	15634	15481	1.50	cps
Krypton	83-1	403	520	497	473	13.04	cps
Lead	206-1	917	906	844	889	4.38	cps
Lead	207-1	617	661	733	670	8.78	cps
Lead	208-1	3339	3267	3445	3350	2.67	cps
Lithium	6-1	2360994	2378206	2357996	2365732	0.46	cps
Magnesium	24-2	126126	125353	124404	125294	0.69	cps
Manganese	55-2	40502	39901	40054	40152	0.78	cps
Molybdenum	94-1	325	383	325	344	9.78	cps
Molybdenum	95-1	175	192	225	197	12.91	cps
Molybdenum	96-1	200	267	258	242	15.03	cps
Molybdenum	97-1	100	142	108	117	18.90	cps
Molybdenum	98-1	342	308	383	344	10.91	cps
Neodymium	150-1	60	67	87	71	19.52	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	293	347	320	320	8.33	cps
Phosphorus	31-2	358	300	250	303	17.91	cps
Potassium	39-2	135512	135707	137069	136096	0.62	cps
Rhodium	103-1	5823351	6261563	6268454	6117789	4.17	cps
Rhodium	103-2	3499521	3530295	3523037	3517618	0.46	cps
Scandium	45-1	3553294	3611650	3653093	3606012	1.39	cps
Scandium	45-2	288112	286875	287989	287659	0.24	cps
Selenium	82-1	172	80	6	86	96.88	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	93	74	74	80	13.33	cps
Silicon	28-1	3131646	3164973	3239107	3178576	1.73	cps
Silver	107-1	83	117	50	83	40.00	cps
Silver	109-1	17	17	100	44	108.24	cps
Sodium	23-2	4556182	4517830	4517758	4530590	0.49	cps
Strontium	86-1	30299	31852	32462	31538	3.54	cps
Strontium	88-1	263768	264675	268819	265754	1.01	cps
Sulfur	34-1	305629	310572	315391	310531	1.57	cps
Terbium	159-1	10044362	10026899	10135843	10069035	0.58	cps
Terbium	159-2	5835542	5843069	5863421	5847344	0.25	cps
Thallium	203-1	158	175	67	133	43.75	cps
Thallium	205-1	258	175	392	275	39.74	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-03LX5	Instrumnet Name :	P7
Client Sample ID :	A0AN4L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 13:38:10	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	194	172	185	6.24	cps
Tin	118-1	683	817	675	725	10.97	cps
Titanium	47-1	100	308	258	222	48.94	cps
Uranium	238-1	158	175	217	183	16.39	cps
Vanadium	51-2	80	120	110	103	20.15	cps
Yttrium	89-1	10648988	10966046	10907391	10840808	1.56	cps
Yttrium	89-2	2366963	2372047	2365722	2368244	0.14	cps
Zinc	66-2	1097	1123	1063	1094	2.75	cps
Zirconium	90-1	533	583	617	578	7.26	cps
Zirconium	91-1	142	150	92	128	24.69	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271312	282483	275696	276497	2.04	cps
Antimony	121-1	738229	753109	748679	746672	1.02	cps
Arsenic	75-2	12863	12911	12689	12821	0.91	cps
Barium	135-1	3517978	3592738	3634434	3581717	1.65	cps
Barium	137-1	6416861	6535243	6593723	6515276	1.38	cps
Beryllium	9-1	73700	74269	73225	73731	0.71	cps
Bismuth	209-1	6451300	6575288	6502851	6509813	0.96	cps
Bismuth	209-2	4308043	4343778	4344042	4331954	0.48	cps
Boron	10-1	2859	3300	3250	3137	7.71	cps
Boron	11-1	13748	14516	14257	14174	2.75	cps
Bromine	81-1	41293	48340	51618	47084	11.20	cps
Bromine	81-2	8281	8081	8872	8411	4.89	cps
Cadmium	111-1	129472	131905	132257	131211	1.16	cps
Cadmium	106-1	12439	13215	12447	12700	3.51	cps
Cadmium	108-1	6406	6222	6222	6283	1.69	cps
Calcium	43-1	187718	190537	190115	189457	0.80	cps
Calcium	44-1	3078821	3081122	3097367	3085770	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	547834	572060	550062	556652	2.41	cps
Cobalt	59-2	2171929	2248613	2173213	2197918	2.00	cps
Copper	63-2	760586	784398	763869	769618	1.68	cps
Dysprosium	156-1	350	342	400	364	8.67	cps
Dysprosium	156-2	210	260	257	242	11.54	cps
Erbium	164-1	283	350	417	350	19.05	cps
Erbium	164-2	223	217	180	207	11.29	cps
Gadolinium	160-1	300	300	417	339	19.88	cps
Gadolinium	160-2	307	293	363	321	11.57	cps
Holmium	165-1	9819561	10061966	9913732	9931753	1.23	cps
Holmium	165-2	5844112	5945384	5927105	5905534	0.91	cps
Indium	115-1	6660440	6833075	6756306	6749940	1.28	cps
Indium	115-2	1927400	1969039	1944789	1947076	1.07	cps
Iron	56-2	5314387	5441762	5207703	5321284	2.20	cps
Iron	57-2	130159	138781	132177	133706	3.37	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	301923	311721	306450	306698	1.60	cps
Krypton	83-1	520	507	507	511	1.51	cps
Lead	206-1	148747	149781	153107	150545	1.51	cps
Lead	207-1	133255	134314	136637	134735	1.28	cps
Lead	208-1	600252	608021	618862	609045	1.53	cps
Lithium	6-1	2268236	2318649	2308564	2298483	1.16	cps
Magnesium	24-2	591868	605924	599931	599241	1.18	cps
Manganese	55-2	1262370	1299443	1263088	1274967	1.66	cps
Molybdenum	94-1	925	1042	933	967	6.73	cps
Molybdenum	95-1	975	1125	1217	1106	11.04	cps
Molybdenum	96-1	1133	1267	1383	1261	9.92	cps
Molybdenum	97-1	625	608	708	647	8.28	cps
Molybdenum	98-1	1775	1925	1834	1845	4.10	cps
Neodymium	150-1	693	767	760	740	5.48	cps
Neodymium	150-2	247	300	223	257	15.31	cps
Nickel	60-2	552894	570401	554552	559282	1.73	cps
Phosphorus	31-2	558	592	600	583	3.78	cps
Potassium	39-2	513537	532584	509648	518590	2.37	cps
Rhodium	103-1	5666604	5744176	5672056	5694279	0.76	cps
Rhodium	103-2	3382142	3436343	3392650	3403712	0.84	cps
Scandium	45-1	3495444	3563166	3494166	3517592	1.12	cps
Scandium	45-2	275463	286113	277574	279717	2.02	cps
Selenium	82-1	11298	11577	11528	11468	1.30	cps
Selenium	77-2	877	1027	907	937	8.47	cps
Selenium	78-2	3239	3193	3095	3176	2.32	cps
Silicon	28-1	14892125	14965522	15159006	15005551	0.92	cps
Silver	107-1	282903	284801	290237	285980	1.33	cps
Silver	109-1	271206	270340	275765	272437	1.07	cps
Sodium	23-2	21197129	21382242	21326711	21302027	0.45	cps
Strontium	86-1	147786	147398	147340	147508	0.16	cps
Strontium	88-1	1276809	1298362	1293255	1289475	0.87	cps
Sulfur	34-1	352929	349128	338264	346774	2.19	cps
Terbium	159-1	9777315	9989608	9768884	9845269	1.27	cps
Terbium	159-2	5693648	5728714	5753353	5725238	0.52	cps
Thallium	203-1	442493	445948	451952	446798	1.07	cps
Thallium	205-1	1059171	1073619	1091522	1074771	1.51	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-05	Instrumnet Name :	P7
Client Sample ID :	A0AN4S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:41:17	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	895	800	922	872	7.35	cps
Tin	118-1	2459	2217	2150	2275	7.13	cps
Titanium	47-1	1333	1258	1367	1320	4.21	cps
Uranium	238-1	800	675	892	789	13.79	cps
Vanadium	51-2	1130529	1166994	1134130	1143884	1.76	cps
Yttrium	89-1	10363882	10603342	10372620	10446615	1.30	cps
Yttrium	89-2	2284696	2356667	2313515	2318292	1.56	cps
Zinc	66-2	270881	277617	270080	272859	1.52	cps
Zirconium	90-1	1300	1067	1017	1128	13.41	cps
Zirconium	91-1	292	367	233	297	22.49	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7719	7544	7477	7580	1.65	cps
Antimony	121-1	842	750	883	825	8.27	cps
Arsenic	75-2	107	159	133	133	19.44	cps
Barium	135-1	91583	90846	93982	92137	1.78	cps
Barium	137-1	159715	162178	163105	161666	1.08	cps
Beryllium	9-1	83	122	100	102	19.16	cps
Bismuth	209-1	6665735	7257859	6780467	6901353	4.55	cps
Bismuth	209-2	4449617	4493197	4498048	4480287	0.60	cps
Boron	10-1	3409	3484	3175	3356	4.79	cps
Boron	11-1	14808	15517	16576	15633	5.69	cps
Bromine	81-1	48984	58795	64319	57366	13.54	cps
Bromine	81-2	10334	10585	10615	10511	1.47	cps
Cadmium	111-1	3637	3925	3787	3783	3.81	cps
Cadmium	106-1	4001	4342	4159	4167	4.10	cps
Cadmium	108-1	13	38	13	21	69.28	cps
Calcium	43-1	197205	196023	200464	197897	1.16	cps
Calcium	44-1	3174304	3165240	3192670	3177405	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1823	1843	1950	1872	3.64	cps
Cobalt	59-2	1230	1240	1247	1239	0.68	cps
Copper	63-2	3207	3174	3254	3211	1.25	cps
Dysprosium	156-1	275	208	242	242	13.79	cps
Dysprosium	156-2	163	173	130	156	14.59	cps
Erbium	164-1	325	425	383	378	13.30	cps
Erbium	164-2	207	223	180	203	10.75	cps
Gadolinium	160-1	308	283	333	308	8.11	cps
Gadolinium	160-2	347	287	353	329	11.16	cps
Holmium	165-1	10305553	10330621	10244990	10293721	0.43	cps
Holmium	165-2	6068466	6054201	6114907	6079191	0.52	cps
Indium	115-1	7101729	7143047	7134341	7126372	0.31	cps
Indium	115-2	2027898	2029472	2034485	2030618	0.17	cps
Iron	56-2	1922512	1896985	1907080	1908859	0.67	cps
Iron	57-2	49260	48675	49561	49165	0.92	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	106479	105148	107378	106335	1.05	cps
Krypton	83-1	543	560	427	510	14.24	cps
Lead	206-1	3956	4473	4279	4236	6.16	cps
Lead	207-1	3689	3139	3901	3576	10.99	cps
Lead	208-1	16543	16399	17232	16725	2.66	cps
Lithium	6-1	2340403	2407605	2410206	2386071	1.66	cps
Magnesium	24-2	624201	623015	623130	623449	0.10	cps
Manganese	55-2	306896	306540	306229	306555	0.11	cps
Molybdenum	94-1	958	842	800	867	9.47	cps
Molybdenum	95-1	858	1050	1133	1014	13.91	cps
Molybdenum	96-1	1267	1150	1133	1183	6.14	cps
Molybdenum	97-1	600	642	650	631	4.25	cps
Molybdenum	98-1	1608	1558	1592	1586	1.61	cps
Neodymium	150-1	413	340	313	356	14.56	cps
Neodymium	150-2	197	180	203	193	6.22	cps
Nickel	60-2	1037	933	960	977	5.49	cps
Phosphorus	31-2	525	508	525	519	1.85	cps
Potassium	39-2	555430	550000	547884	551105	0.71	cps
Rhodium	103-1	6322267	6235765	6265545	6274526	0.70	cps
Rhodium	103-2	3524541	3519887	3526804	3523744	0.10	cps
Scandium	45-1	3692743	3677198	3636306	3668749	0.79	cps
Scandium	45-2	291550	287250	288952	289251	0.75	cps
Selenium	82-1	-12	19	78	28	162.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	106	74	81	87	18.92	cps
Silicon	28-1	15677877	15659915	15588041	15641944	0.30	cps
Silver	107-1	283	225	192	233	19.88	cps
Silver	109-1	183	192	150	175	12.60	cps
Sodium	23-2	23265634	22738843	22699232	22901236	1.38	cps
Strontium	86-1	154251	156417	157553	156074	1.07	cps
Strontium	88-1	1338895	1349113	1357126	1348378	0.68	cps
Sulfur	34-1	338856	327357	333142	333118	1.73	cps
Terbium	159-1	10159652	10248393	10330185	10246077	0.83	cps
Terbium	159-2	5913340	5925950	5952759	5930683	0.34	cps
Thallium	203-1	200	167	267	211	24.12	cps
Thallium	205-1	608	625	667	633	4.74	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-06	Instrumnet Name :	P7
Client Sample ID :	A0AN8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:44:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	778	717	733	743	4.25	cps
Tin	118-1	1117	1183	1042	1114	6.36	cps
Titanium	47-1	1075	1100	992	1056	5.37	cps
Uranium	238-1	700	767	775	747	5.50	cps
Vanadium	51-2	707	827	670	734	11.16	cps
Yttrium	89-1	11043480	10973121	10955759	10990787	0.42	cps
Yttrium	89-2	2408344	2393271	2407549	2403055	0.35	cps
Zinc	66-2	3267	3510	3414	3397	3.61	cps
Zirconium	90-1	883	875	983	914	6.60	cps
Zirconium	91-1	133	192	217	181	23.68	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11863	9428	9361	10218	13.95	cps
Antimony	121-1	700	900	800	800	12.50	cps
Arsenic	75-2	111	122	133	122	9.09	cps
Barium	135-1	88287	88220	90501	89003	1.46	cps
Barium	137-1	153303	155384	157803	155497	1.45	cps
Beryllium	9-1	133	122	50	102	44.43	cps
Bismuth	209-1	6618792	7286054	6117839	6674229	8.78	cps
Bismuth	209-2	4470061	4455578	4477182	4467607	0.25	cps
Boron	10-1	3092	3534	3267	3298	6.75	cps
Boron	11-1	15433	15675	15750	15620	1.06	cps
Bromine	81-1	56997	67859	73639	66165	12.77	cps
Bromine	81-2	12027	12809	12528	12455	3.18	cps
Cadmium	111-1	3691	3483	3386	3520	4.42	cps
Cadmium	106-1	4101	3834	3734	3890	4.87	cps
Cadmium	108-1	25	21	38	28	31.23	cps
Calcium	43-1	196900	199706	202811	199806	1.48	cps
Calcium	44-1	3181385	3201267	3292639	3225097	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2360	2254	2244	2286	2.83	cps
Cobalt	59-2	1230	1120	1237	1196	5.48	cps
Copper	63-2	3240	3320	3297	3286	1.25	cps
Dysprosium	156-1	350	308	192	283	28.97	cps
Dysprosium	156-2	193	180	187	187	3.57	cps
Erbium	164-1	358	292	267	306	15.51	cps
Erbium	164-2	207	190	217	204	6.59	cps
Gadolinium	160-1	300	383	342	342	12.20	cps
Gadolinium	160-2	347	370	273	330	15.29	cps
Holmium	165-1	10273203	10264968	9309397	9949189	5.57	cps
Holmium	165-2	6089685	6050108	6056870	6065554	0.35	cps
Indium	115-1	6984694	7096327	6509673	6863565	4.54	cps
Indium	115-2	2019730	1993709	2010828	2008089	0.66	cps
Iron	56-2	1759516	1714818	1734822	1736385	1.29	cps
Iron	57-2	46507	43994	44211	44904	3.10	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	96430	95897	94960	95762	0.78	cps
Krypton	83-1	513	487	483	494	3.33	cps
Lead	206-1	2900	2900	2645	2815	5.24	cps
Lead	207-1	2539	2411	2267	2406	5.66	cps
Lead	208-1	11347	11458	10863	11222	2.82	cps
Lithium	6-1	2374600	2399161	2205023	2326261	4.54	cps
Magnesium	24-2	625603	613453	618572	619210	0.99	cps
Manganese	55-2	304992	296681	300985	300886	1.38	cps
Molybdenum	94-1	892	900	750	847	9.95	cps
Molybdenum	95-1	850	1058	1017	975	11.31	cps
Molybdenum	96-1	1183	1483	1117	1261	15.49	cps
Molybdenum	97-1	592	533	683	603	12.54	cps
Molybdenum	98-1	1625	1700	1817	1714	5.64	cps
Neodymium	150-1	360	360	433	384	11.01	cps
Neodymium	150-2	187	207	200	198	5.15	cps
Nickel	60-2	1003	963	1097	1021	6.70	cps
Phosphorus	31-2	392	508	408	436	14.47	cps
Potassium	39-2	545913	523153	532811	533959	2.14	cps
Rhodium	103-1	5803537	6284421	5413112	5833690	7.48	cps
Rhodium	103-2	3497944	3494965	3504523	3499144	0.14	cps
Scandium	45-1	3606365	3656471	3375548	3546128	4.23	cps
Scandium	45-2	292971	285314	286123	288136	1.46	cps
Selenium	82-1	32	42	56	43	27.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	87	117	80	94	20.75	cps
Silicon	28-1	15789140	15655293	15719499	15721311	0.43	cps
Silver	107-1	133	133	142	136	3.53	cps
Silver	109-1	117	92	75	94	22.21	cps
Sodium	23-2	22264035	21733011	21666008	21887685	1.50	cps
Strontium	86-1	155321	155380	157345	156015	0.74	cps
Strontium	88-1	1336273	1364066	1371293	1357211	1.36	cps
Sulfur	34-1	333399	330506	340114	334673	1.47	cps
Terbium	159-1	10139317	10287584	9310970	9912623	5.31	cps
Terbium	159-2	5917164	5879683	5917482	5904777	0.37	cps
Thallium	203-1	117	100	167	128	27.15	cps
Thallium	205-1	433	333	383	383	13.04	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-07	Instrumnet Name :	P7
Client Sample ID :	A0AP0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:47:30	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	722	750	650	707	7.30	cps
Tin	118-1	1242	1108	1217	1189	5.96	cps
Titanium	47-1	1183	1267	992	1147	12.29	cps
Uranium	238-1	767	908	775	817	9.73	cps
Vanadium	51-2	610	720	560	630	12.99	cps
Yttrium	89-1	10831358	11024293	10015329	10623660	5.04	cps
Yttrium	89-2	2406994	2360441	2368260	2378565	1.05	cps
Zinc	66-2	4434	4517	4427	4460	1.12	cps
Zirconium	90-1	883	883	1050	939	10.25	cps
Zirconium	91-1	292	167	183	214	31.73	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3767-08 Instrumnet Name : P7
 Client Sample ID : A0AP8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:50:38 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8769	8486	8461	8572	2.00	cps
Antimony	121-1	908	833	950	897	6.59	cps
Arsenic	75-2	115	124	104	114	8.94	cps
Barium	135-1	96533	96005	96533	96357	0.32	cps
Barium	137-1	168341	166696	168618	167885	0.62	cps
Beryllium	9-1	78	94	67	80	17.56	cps
Bismuth	209-1	6397956	6765732	6696023	6619903	2.95	cps
Bismuth	209-2	4444152	4508240	4505112	4485835	0.81	cps
Boron	10-1	3400	3517	3434	3450	1.74	cps
Boron	11-1	15909	15909	15742	15853	0.61	cps
Bromine	81-1	56185	62226	69216	62543	10.43	cps
Bromine	81-2	11496	11066	10705	11089	3.57	cps
Cadmium	111-1	3695	3816	3796	3769	1.72	cps
Cadmium	106-1	4084	4234	4184	4167	1.83	cps
Cadmium	108-1	17	33	25	25	33.32	cps
Calcium	43-1	198928	200440	197246	198872	0.80	cps
Calcium	44-1	3209110	3200967	3184458	3198178	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2584	2657	2570	2604	1.79	cps
Cobalt	59-2	1443	1490	1420	1451	2.46	cps
Copper	63-2	3130	3090	3127	3116	0.71	cps
Dysprosium	156-1	275	275	192	247	19.46	cps
Dysprosium	156-2	223	230	253	236	6.69	cps
Erbium	164-1	350	417	342	369	11.13	cps
Erbium	164-2	247	283	250	260	7.80	cps
Gadolinium	160-1	383	242	433	353	28.18	cps
Gadolinium	160-2	297	393	307	332	16.00	cps
Holmium	165-1	9747636	10407712	10280085	10145144	3.45	cps
Holmium	165-2	6049219	6106623	6081502	6079115	0.47	cps
Indium	115-1	6658111	7130844	7052335	6947097	3.65	cps
Indium	115-2	2028475	2020654	1996886	2015338	0.82	cps
Iron	56-2	2489860	2492353	2457962	2480058	0.77	cps
Iron	57-2	64809	63275	61512	63198	2.61	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-08	Instrumnet Name :	P7
Client Sample ID :	A0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:50:38	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	137999	135432	136393	136608	0.95	cps
Krypton	83-1	457	507	500	488	5.57	cps
Lead	206-1	13051	13123	13624	13266	2.35	cps
Lead	207-1	10999	11055	10838	10964	1.03	cps
Lead	208-1	51668	51807	51261	51579	0.55	cps
Lithium	6-1	2313463	2404071	2372331	2363288	1.95	cps
Magnesium	24-2	610921	614470	604987	610126	0.79	cps
Manganese	55-2	406726	405030	406334	406030	0.22	cps
Molybdenum	94-1	933	875	858	889	4.43	cps
Molybdenum	95-1	925	1100	1067	1031	9.02	cps
Molybdenum	96-1	1017	1192	1242	1150	10.27	cps
Molybdenum	97-1	733	650	533	639	15.72	cps
Molybdenum	98-1	1342	1708	1617	1556	12.27	cps
Neodymium	150-1	400	400	340	380	9.12	cps
Neodymium	150-2	217	183	237	212	12.69	cps
Nickel	60-2	880	930	903	904	2.77	cps
Phosphorus	31-2	583	583	417	528	18.23	cps
Potassium	39-2	534042	527423	518957	526807	1.44	cps
Rhodium	103-1	5940407	6371686	6270136	6194076	3.64	cps
Rhodium	103-2	3530602	3525092	3487582	3514425	0.67	cps
Scandium	45-1	3479435	3665991	3637718	3594381	2.80	cps
Scandium	45-2	290105	291014	285054	288724	1.11	cps
Selenium	82-1	87	55	26	56	54.28	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	96	67	93	85	18.95	cps
Silicon	28-1	15764640	15770982	15542795	15692806	0.83	cps
Silver	107-1	100	117	142	119	17.56	cps
Silver	109-1	75	50	58	61	20.83	cps
Sodium	23-2	21723572	21518654	21476819	21573015	0.61	cps
Strontium	86-1	157099	156956	154942	156332	0.77	cps
Strontium	88-1	1346894	1356709	1354370	1352658	0.38	cps
Sulfur	34-1	336255	334096	333391	334581	0.45	cps
Terbium	159-1	9655208	10322224	10214613	10064015	3.56	cps
Terbium	159-2	5905949	5885147	5943293	5911463	0.50	cps
Thallium	203-1	133	158	183	158	15.79	cps
Thallium	205-1	358	425	325	369	13.78	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-08	Instrumnet Name :	P7
Client Sample ID :	A0AP8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:50:38	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	800	800	700	767	7.53	cps
Tin	118-1	1000	975	1050	1008	3.79	cps
Titanium	47-1	1042	1100	1242	1128	9.12	cps
Uranium	238-1	842	842	683	789	11.59	cps
Vanadium	51-2	760	773	780	771	1.32	cps
Yttrium	89-1	10282878	10897806	10957014	10712566	3.48	cps
Yttrium	89-2	2401046	2392048	2374260	2389118	0.57	cps
Zinc	66-2	4711	4878	4691	4760	2.15	cps
Zirconium	90-1	950	1167	817	978	18.07	cps
Zirconium	91-1	258	192	183	211	19.47	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1750	2017	1806	10.50	cps
Antimony	121-1	1075	1225	1075	1125	7.70	cps
Arsenic	75-2	98	104	72	91	18.39	cps
Barium	135-1	99311	99168	98848	99109	0.24	cps
Barium	137-1	172181	173024	174988	173397	0.83	cps
Beryllium	9-1	83	72	61	72	15.38	cps
Bismuth	209-1	6572108	6673757	6678104	6641323	0.90	cps
Bismuth	209-2	4443066	4425986	4467197	4445416	0.47	cps
Boron	10-1	4226	4726	4993	4648	8.38	cps
Boron	11-1	20314	22451	20823	21196	5.27	cps
Bromine	81-1	69292	85731	90407	81810	13.56	cps
Bromine	81-2	16005	15514	15985	15835	1.75	cps
Cadmium	111-1	3723	3795	3899	3806	2.32	cps
Cadmium	106-1	4084	4159	4284	4176	2.42	cps
Cadmium	108-1	8	4	21	11	78.05	cps
Calcium	43-1	367825	366535	371425	368595	0.69	cps
Calcium	44-1	5838988	5770378	5848626	5819331	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3130	3120	3280	3177	2.82	cps
Cobalt	59-2	1567	1493	1390	1483	5.98	cps
Copper	63-2	5444	5755	5594	5598	2.77	cps
Dysprosium	156-1	192	242	175	203	17.11	cps
Dysprosium	156-2	113	127	77	106	24.53	cps
Erbium	164-1	392	400	425	406	4.28	cps
Erbium	164-2	177	237	177	197	17.61	cps
Gadolinium	160-1	258	150	217	208	26.23	cps
Gadolinium	160-2	260	223	190	224	15.60	cps
Holmium	165-1	10393185	10364610	10379842	10379212	0.14	cps
Holmium	165-2	6121680	6100551	6102655	6108295	0.19	cps
Indium	115-1	7117379	7024317	7089058	7076918	0.67	cps
Indium	115-2	2007471	2023901	2010225	2013866	0.44	cps
Iron	56-2	2223293	2256087	2242577	2240652	0.74	cps
Iron	57-2	57351	58544	59113	58336	1.54	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	122759	122418	126455	123877	1.81	cps
Krypton	83-1	507	500	537	514	3.80	cps
Lead	206-1	2428	2584	2367	2460	4.54	cps
Lead	207-1	1900	2167	1883	1984	8.02	cps
Lead	208-1	9513	9946	9229	9563	3.78	cps
Lithium	6-1	2277168	2321937	2308818	2302641	1.00	cps
Magnesium	24-2	833068	844009	842933	840003	0.72	cps
Manganese	55-2	393595	395442	397305	395447	0.47	cps
Molybdenum	94-1	1017	975	1192	1061	10.84	cps
Molybdenum	95-1	1242	1125	1625	1331	19.66	cps
Molybdenum	96-1	1292	1458	1275	1342	7.56	cps
Molybdenum	97-1	858	833	708	800	10.05	cps
Molybdenum	98-1	2017	1950	2075	2014	3.11	cps
Neodymium	150-1	313	213	207	244	24.44	cps
Neodymium	150-2	157	147	127	143	10.66	cps
Nickel	60-2	940	993	960	964	2.79	cps
Phosphorus	31-2	508	433	458	467	8.18	cps
Potassium	39-2	804543	817946	823010	815166	1.17	cps
Rhodium	103-1	6206317	6254132	6300260	6253570	0.75	cps
Rhodium	103-2	3470362	3520828	3496075	3495755	0.72	cps
Scandium	45-1	3719480	3688335	3711094	3706303	0.43	cps
Scandium	45-2	291136	291409	293003	291849	0.35	cps
Selenium	82-1	93	43	34	57	56.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	83	94	102	93	10.00	cps
Silicon	28-1	18139502	17932363	18141327	18071064	0.66	cps
Silver	107-1	158	133	158	150	9.62	cps
Silver	109-1	42	92	50	61	43.83	cps
Sodium	23-2	46120830	46307061	46689793	46372561	0.63	cps
Strontium	86-1	232181	232793	234551	233175	0.53	cps
Strontium	88-1	2020014	2021265	2036754	2026011	0.46	cps
Sulfur	34-1	423544	417305	422552	421134	0.80	cps
Terbium	159-1	10233540	10329659	10359721	10307640	0.64	cps
Terbium	159-2	5958795	5932197	5937830	5942941	0.24	cps
Thallium	203-1	158	108	92	119	29.05	cps
Thallium	205-1	300	308	233	281	14.65	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-09	Instrumnet Name :	P7
Client Sample ID :	A0AQ0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:53:45	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	372	444	333	383	14.71	cps
Tin	118-1	1133	842	1250	1075	19.57	cps
Titanium	47-1	533	833	658	675	22.33	cps
Uranium	238-1	950	1175	1067	1064	10.58	cps
Vanadium	51-2	940	1020	943	968	4.68	cps
Yttrium	89-1	11038508	11067151	11096103	11067254	0.26	cps
Yttrium	89-2	2385005	2417576	2391878	2398153	0.72	cps
Zinc	66-2	3954	4117	3927	3999	2.57	cps
Zirconium	90-1	783	867	883	844	6.35	cps
Zirconium	91-1	208	175	167	183	12.03	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23026	23235	24721	23661	3.91	cps
Antimony	121-1	1342	1317	1625	1428	12.00	cps
Arsenic	75-2	213	178	141	177	20.39	cps
Barium	135-1	100258	98187	103416	100620	2.62	cps
Barium	137-1	176407	174877	180848	177377	1.75	cps
Beryllium	9-1	67	144	106	106	36.84	cps
Bismuth	209-1	6769401	6640487	6734256	6714715	0.99	cps
Bismuth	209-2	4503571	4516337	4545161	4521690	0.47	cps
Boron	10-1	3876	3609	3809	3764	3.69	cps
Boron	11-1	16585	17519	17327	17143	2.88	cps
Bromine	81-1	60947	70623	71888	67819	8.83	cps
Bromine	81-2	11777	12579	12088	12148	3.33	cps
Cadmium	111-1	3908	3810	3575	3764	4.55	cps
Cadmium	106-1	4259	4167	3909	4112	4.42	cps
Cadmium	108-1	17	8	33	19	65.47	cps
Calcium	43-1	227289	221553	229699	226180	1.85	cps
Calcium	44-1	3675806	3581204	3735008	3664006	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32122	31874	33057	32351	1.93	cps
Cobalt	59-2	2204	2290	2270	2255	2.01	cps
Copper	63-2	9263	9533	9416	9404	1.44	cps
Dysprosium	156-1	583	575	667	608	8.33	cps
Dysprosium	156-2	400	383	440	408	7.14	cps
Erbium	164-1	842	692	683	739	12.06	cps
Erbium	164-2	423	537	430	463	13.73	cps
Gadolinium	160-1	733	658	700	697	5.39	cps
Gadolinium	160-2	493	487	590	523	11.05	cps
Holmium	165-1	10353192	10183607	10259478	10265425	0.83	cps
Holmium	165-2	6132970	6151802	6202280	6162351	0.58	cps
Indium	115-1	7215308	7034671	7264285	7171421	1.69	cps
Indium	115-2	2053199	2055978	2082179	2063785	0.77	cps
Iron	56-2	5664422	5636686	5836668	5712592	1.90	cps
Iron	57-2	140811	140656	144604	142024	1.57	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	315167	310458	313355	312993	0.76	cps
Krypton	83-1	513	423	567	501	14.46	cps
Lead	206-1	92345	90623	92289	91752	1.07	cps
Lead	207-1	76692	76201	75809	76234	0.58	cps
Lead	208-1	359107	355093	357133	357111	0.56	cps
Lithium	6-1	2358616	2367780	2321202	2349199	1.05	cps
Magnesium	24-2	656170	657727	677208	663702	1.77	cps
Manganese	55-2	440184	436689	444250	440374	0.86	cps
Molybdenum	94-1	1158	792	917	956	19.51	cps
Molybdenum	95-1	900	867	1200	989	18.56	cps
Molybdenum	96-1	1283	1250	1325	1286	2.92	cps
Molybdenum	97-1	700	642	633	658	5.52	cps
Molybdenum	98-1	1650	1692	1742	1695	2.71	cps
Neodymium	150-1	907	920	993	940	4.96	cps
Neodymium	150-2	517	523	513	518	0.98	cps
Nickel	60-2	1210	1163	1250	1208	3.59	cps
Phosphorus	31-2	717	550	783	683	17.59	cps
Potassium	39-2	582519	586280	593340	587380	0.94	cps
Rhodium	103-1	6312751	6223089	6472888	6336242	2.00	cps
Rhodium	103-2	3549991	3587110	3641484	3592862	1.28	cps
Scandium	45-1	3759193	3657220	3832483	3749632	2.35	cps
Scandium	45-2	297141	301199	301651	299997	0.83	cps
Selenium	82-1	30	130	-47	38	235.81	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	87	83	90	9.71	cps
Silicon	28-1	17544385	16863187	17536586	17314719	2.26	cps
Silver	107-1	117	108	175	133	27.24	cps
Silver	109-1	125	92	117	111	15.61	cps
Sodium	23-2	25945863	26273494	27103064	26440807	2.26	cps
Strontium	86-1	166654	164219	172449	167774	2.52	cps
Strontium	88-1	1467833	1422904	1479550	1456762	2.05	cps
Sulfur	34-1	355519	349108	371103	358577	3.15	cps
Terbium	159-1	10399979	10175482	10336870	10304110	1.12	cps
Terbium	159-2	5959478	5990037	6032776	5994097	0.61	cps
Thallium	203-1	100	158	158	139	24.25	cps
Thallium	205-1	308	258	375	314	18.65	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-10	Instrumnet Name :	P7
Client Sample ID :	A0AQ2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:56:51	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1856	1767	2011	1878	6.59	cps
Tin	118-1	1900	1658	1834	1797	6.95	cps
Titanium	47-1	4334	4484	4484	4434	1.95	cps
Uranium	238-1	1133	1225	1225	1195	4.43	cps
Vanadium	51-2	1883	1820	1987	1897	4.44	cps
Yttrium	89-1	11211015	10858697	11363439	11144384	2.32	cps
Yttrium	89-2	2448193	2465282	2478912	2464129	0.62	cps
Zinc	66-2	10290	9793	10217	10100	2.66	cps
Zirconium	90-1	1158	1225	1308	1231	6.11	cps
Zirconium	91-1	233	150	167	183	24.05	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : M3767-11 Instrumnet Name : P7
 Client Sample ID : A0AQ4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 13:59:58 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3092	3551	3009	3217	9.07	cps
Antimony	121-1	1550	1283	1250	1361	12.08	cps
Arsenic	75-2	111	124	106	114	8.37	cps
Barium	135-1	111459	112157	112921	112179	0.65	cps
Barium	137-1	195550	196149	198776	196825	0.87	cps
Beryllium	9-1	61	78	56	65	17.84	cps
Bismuth	209-1	6623005	6696805	6692692	6670834	0.62	cps
Bismuth	209-2	4447151	4466073	4477531	4463585	0.34	cps
Boron	10-1	4517	4684	4592	4598	1.82	cps
Boron	11-1	20047	21933	22450	21477	5.89	cps
Bromine	81-1	75565	92462	101740	89922	14.76	cps
Bromine	81-2	16877	17318	17699	17298	2.38	cps
Cadmium	111-1	3994	3969	3701	3888	4.17	cps
Cadmium	106-1	4409	4376	4084	4290	4.17	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	382513	379892	380802	381069	0.35	cps
Calcium	44-1	6084267	5939179	6083884	6035777	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5078	4944	5001	5008	1.34	cps
Cobalt	59-2	1023	930	1107	1020	8.67	cps
Copper	63-2	5621	5908	5728	5752	2.52	cps
Dysprosium	156-1	142	158	183	161	13.02	cps
Dysprosium	156-2	127	123	97	116	14.23	cps
Erbium	164-1	375	308	258	314	18.65	cps
Erbium	164-2	197	190	180	189	4.44	cps
Gadolinium	160-1	242	192	242	225	12.83	cps
Gadolinium	160-2	280	270	253	268	5.03	cps
Holmium	165-1	10326532	10513435	10476366	10438778	0.95	cps
Holmium	165-2	6141526	6119659	6123229	6128138	0.19	cps
Indium	115-1	7082217	7098973	7084169	7088453	0.13	cps
Indium	115-2	2023445	2032188	2028502	2028045	0.22	cps
Iron	56-2	1504474	1510642	1499244	1504787	0.38	cps
Iron	57-2	39743	40188	40105	40012	0.59	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:59:58	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	83167	83268	82956	83130	0.19	cps
Krypton	83-1	493	560	480	511	8.39	cps
Lead	206-1	9709	9904	9865	9826	1.05	cps
Lead	207-1	7902	8036	7958	7965	0.84	cps
Lead	208-1	37104	37721	37543	37456	0.85	cps
Lithium	6-1	2365059	2411600	2401676	2392778	1.02	cps
Magnesium	24-2	875881	874355	861651	870629	0.90	cps
Manganese	55-2	266216	264088	266624	265643	0.51	cps
Molybdenum	94-1	1017	1008	983	1003	1.73	cps
Molybdenum	95-1	1217	1083	1150	1150	5.80	cps
Molybdenum	96-1	1408	1342	1375	1375	2.42	cps
Molybdenum	97-1	767	667	692	708	7.35	cps
Molybdenum	98-1	1675	1884	1800	1786	5.87	cps
Neodymium	150-1	227	267	247	247	8.11	cps
Neodymium	150-2	113	83	113	103	16.76	cps
Nickel	60-2	990	1020	1147	1052	7.90	cps
Phosphorus	31-2	533	575	433	514	14.17	cps
Potassium	39-2	786790	787147	786225	786721	0.06	cps
Rhodium	103-1	6294066	6197749	6308930	6266915	0.96	cps
Rhodium	103-2	3517923	3509106	3519459	3515496	0.16	cps
Scandium	45-1	3721386	3708749	3681871	3704002	0.54	cps
Scandium	45-2	292986	292555	292458	292667	0.10	cps
Selenium	82-1	87	21	71	60	57.08	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	104	96	115	105	8.88	cps
Silicon	28-1	15854345	15833586	15937759	15875230	0.35	cps
Silver	107-1	167	92	142	133	28.64	cps
Silver	109-1	133	92	33	86	58.34	cps
Sodium	23-2	46713807	46242632	45914843	46290427	0.87	cps
Strontium	86-1	243998	246707	242252	244319	0.92	cps
Strontium	88-1	2109881	2130865	2145711	2128819	0.85	cps
Sulfur	34-1	409973	404135	405298	406469	0.76	cps
Terbium	159-1	10361807	10382442	10437552	10393934	0.38	cps
Terbium	159-2	5969314	5966461	5968797	5968191	0.03	cps
Thallium	203-1	142	242	117	167	39.69	cps
Thallium	205-1	333	367	417	372	11.27	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3767-11	Instrumnet Name :	P7
Client Sample ID :	A0AQ4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 13:59:58	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	494	511	428	478	9.23	cps
Tin	118-1	1458	1650	1525	1545	6.30	cps
Titanium	47-1	775	1058	842	892	16.61	cps
Uranium	238-1	942	750	683	792	16.94	cps
Vanadium	51-2	710	713	713	712	0.27	cps
Yttrium	89-1	10950771	11083224	11068389	11034128	0.66	cps
Yttrium	89-2	2414133	2415796	2414127	2414685	0.04	cps
Zinc	66-2	6495	6455	6645	6532	1.53	cps
Zirconium	90-1	792	783	967	847	12.22	cps
Zirconium	91-1	125	167	142	144	14.52	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6769892	6677669	6635125	6694229	1.03	cps
Antimony	121-1	3497963	3477976	3504244	3493394	0.39	cps
Arsenic	75-2	146000	145748	145210	145653	0.28	cps
Barium	135-1	4273174	4242125	4225581	4246960	0.57	cps
Barium	137-1	7750485	7711505	7706864	7722951	0.31	cps
Beryllium	9-1	713514	722114	709935	715188	0.88	cps
Bismuth	209-1	6251616	6258225	6218007	6242616	0.35	cps
Bismuth	209-2	4043424	4074742	4056196	4058120	0.39	cps
Boron	10-1	91913	96633	96036	94861	2.71	cps
Boron	11-1	434218	443131	443856	440402	1.22	cps
Bromine	81-1	9937	10587	10479	10334	3.37	cps
Bromine	81-2	601	601	511	571	9.12	cps
Cadmium	111-1	1379840	1377042	1363607	1373497	0.63	cps
Cadmium	106-1	107798	106690	106858	107116	0.56	cps
Cadmium	108-1	71692	72530	70050	71424	1.77	cps
Calcium	43-1	4706404	4665999	4635924	4669443	0.76	cps
Calcium	44-1	73280529	73394291	72660358	73111726	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1311609	1316349	1299820	1309259	0.65	cps
Cobalt	59-2	2019507	2034828	2013292	2022542	0.55	cps
Copper	63-2	14363370	14402609	14323294	14363091	0.28	cps
Dysprosium	156-1	725	1000	875	867	15.89	cps
Dysprosium	156-2	560	517	573	550	5.39	cps
Erbium	164-1	225	167	192	194	15.05	cps
Erbium	164-2	133	130	103	122	13.45	cps
Gadolinium	160-1	750	1058	850	886	17.75	cps
Gadolinium	160-2	683	653	650	662	2.77	cps
Holmium	165-1	10097042	10167075	10208617	10157578	0.56	cps
Holmium	165-2	5866041	5935809	5868060	5889970	0.67	cps
Indium	115-1	6629826	6607128	6570818	6602591	0.45	cps
Indium	115-2	1844362	1855456	1852261	1850693	0.31	cps
Iron	56-2	306911307	304905862	303562651	305126607	0.55	cps
Iron	57-2	7753063	7747590	7657702	7719451	0.69	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16629042	16498109	16538403	16555185	0.41	cps
Krypton	83-1	510	490	483	494	2.81	cps
Lead	206-1	18612839	18693904	18808857	18705200	0.53	cps
Lead	207-1	16328134	16417386	16476365	16407295	0.45	cps
Lead	208-1	75051082	75173208	75298398	75174229	0.16	cps
Lithium	6-1	2343981	2324588	2299407	2322658	0.96	cps
Magnesium	24-2	70811056	70320545	70237960	70456520	0.44	cps
Manganese	55-2	10133550	10051630	9914535	10033239	1.10	cps
Molybdenum	94-1	6856675	6961518	6900380	6906191	0.76	cps
Molybdenum	95-1	8428468	8362620	8287164	8359418	0.85	cps
Molybdenum	96-1	9322251	9347918	9190294	9286821	0.91	cps
Molybdenum	97-1	5072877	5089915	5038313	5067035	0.52	cps
Molybdenum	98-1	13524574	13469740	13298891	13431069	0.88	cps
Neodymium	150-1	460	467	507	478	5.28	cps
Neodymium	150-2	123	103	143	123	16.22	cps
Nickel	60-2	518481	519210	517724	518472	0.14	cps
Phosphorus	31-2	63016	62992	62255	62754	0.69	cps
Potassium	39-2	35929961	35622053	35972457	35841490	0.53	cps
Rhodium	103-1	5411506	5364296	5344437	5373413	0.64	cps
Rhodium	103-2	3121770	3142793	3133738	3132767	0.34	cps
Scandium	45-1	3557091	3520849	3500580	3526173	0.81	cps
Scandium	45-2	277756	274586	279807	277383	0.95	cps
Selenium	82-1	55807	56664	55482	55984	1.09	cps
Selenium	77-2	4627	4314	4644	4529	4.11	cps
Selenium	78-2	14935	14869	14804	14869	0.44	cps
Silicon	28-1	2230140	2330117	2346553	2302270	2.74	cps
Silver	107-1	4274176	4203584	4204140	4227300	0.96	cps
Silver	109-1	4073751	4077341	4077687	4076259	0.05	cps
Sodium	23-2	119072278	118757290	117951994	118593854	0.49	cps
Strontium	86-1	10623293	10534691	10605648	10587877	0.44	cps
Strontium	88-1	93071540	92675133	92676504	92807726	0.25	cps
Sulfur	34-1	637512	634506	630321	634113	0.57	cps
Terbium	159-1	10058182	10093382	9992848	10048137	0.51	cps
Terbium	159-2	5652996	5730351	5725897	5703081	0.76	cps
Thallium	203-1	4246374	4268207	4291940	4268840	0.53	cps
Thallium	205-1	10832211	10858978	10894083	10861757	0.29	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV05	Instrumnet Name :	P7
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:06:15	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16897750	16754244	16941906	16864633	0.58	cps
Tin	118-1	2948870	2968711	2955570	2957717	0.34	cps
Titanium	47-1	2076676	2077884	2068696	2074419	0.24	cps
Uranium	238-1	15986880	15888436	15707727	15861014	0.89	cps
Vanadium	51-2	1105268	1104566	1100481	1103438	0.23	cps
Yttrium	89-1	10643999	10517170	10432726	10531298	1.01	cps
Yttrium	89-2	2271824	2284014	2277549	2277795	0.27	cps
Zinc	66-2	2346628	2356869	2341413	2348304	0.33	cps
Zirconium	90-1	5823114	5782234	5763605	5789651	0.53	cps
Zirconium	91-1	1242698	1251247	1232096	1242014	0.77	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB05 Instrumnet Name : P7
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 14:11:38 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	250	183	32.78	cps
Antimony	121-1	958	833	825	872	8.56	cps
Arsenic	75-2	11	9	13	11	16.65	cps
Barium	135-1	108	75	92	92	18.18	cps
Barium	137-1	192	125	108	142	31.13	cps
Beryllium	9-1	161	83	72	106	45.89	cps
Bismuth	209-1	6536744	6635222	6646140	6606035	0.91	cps
Bismuth	209-2	4460297	4500654	4529487	4496813	0.77	cps
Boron	10-1	2292	2184	2109	2195	4.20	cps
Boron	11-1	10546	10195	9887	10209	3.23	cps
Bromine	81-1	8269	7836	7919	8008	2.87	cps
Bromine	81-2	240	300	290	277	11.62	cps
Cadmium	111-1	3766	3421	3794	3660	5.68	cps
Cadmium	106-1	4092	3726	4159	3992	5.85	cps
Cadmium	108-1	46	21	58	42	45.83	cps
Calcium	43-1	150	167	167	161	5.97	cps
Calcium	44-1	5418	5368	5751	5512	3.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787	763	840	797	4.93	cps
Cobalt	59-2	83	73	83	80	7.22	cps
Copper	63-2	1140	1187	1343	1223	8.71	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	37	47	37	40	14.43	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	143	157	137	146	7.00	cps
Holmium	165-1	10170244	10148074	10108499	10142272	0.31	cps
Holmium	165-2	5978188	6073151	6036585	6029308	0.79	cps
Indium	115-1	7213823	7210282	7182969	7202358	0.23	cps
Indium	115-2	2036536	2053287	2050716	2046846	0.44	cps
Iron	56-2	10070	9937	10337	10115	2.01	cps
Iron	57-2	283	400	394	359	18.32	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:11:38	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1291	1131	1462	1295	12.76	cps
Krypton	83-1	463	550	573	529	10.96	cps
Lead	206-1	1500	1478	1411	1463	3.16	cps
Lead	207-1	1317	1311	1300	1309	0.65	cps
Lead	208-1	6217	6095	5962	6091	2.10	cps
Lithium	6-1	2482904	2474274	2469678	2475619	0.27	cps
Magnesium	24-2	1642	1959	1683	1761	9.77	cps
Manganese	55-2	237	240	300	259	13.77	cps
Molybdenum	94-1	517	433	550	500	12.02	cps
Molybdenum	95-1	383	308	333	342	11.18	cps
Molybdenum	96-1	533	475	408	472	13.25	cps
Molybdenum	97-1	350	167	158	225	48.15	cps
Molybdenum	98-1	650	617	742	669	9.67	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	210	200	140	183	20.65	cps
Phosphorus	31-2	442	325	267	344	25.87	cps
Potassium	39-2	38334	38701	37824	38286	1.15	cps
Rhodium	103-1	6341326	6437871	6421700	6400299	0.81	cps
Rhodium	103-2	3552380	3590119	3585820	3576106	0.58	cps
Scandium	45-1	3749095	3782963	3759984	3764014	0.46	cps
Scandium	45-2	297897	295519	295665	296361	0.45	cps
Selenium	82-1	63	6	-44	8	653.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	70	78	77	8.43	cps
Silicon	28-1	181903	186222	189160	185762	1.97	cps
Silver	107-1	317	242	292	283	13.48	cps
Silver	109-1	300	192	200	231	26.15	cps
Sodium	23-2	38283	39385	36837	38168	3.35	cps
Strontium	86-1	1050	883	933	956	8.95	cps
Strontium	88-1	2225	1884	1867	1992	10.16	cps
Sulfur	34-1	336724	343050	344643	341473	1.23	cps
Terbium	159-1	10164778	10238798	10084169	10162582	0.76	cps
Terbium	159-2	5825157	5891898	5900327	5872461	0.70	cps
Thallium	203-1	1008	925	1000	978	4.69	cps
Thallium	205-1	2792	2284	2092	2389	15.14	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB05	Instrumnet Name :	P7
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:11:38	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	811	700	722	744	7.90	cps
Tin	118-1	567	675	708	650	11.40	cps
Titanium	47-1	75	75	75	75	0.00	cps
Uranium	238-1	358	283	267	303	16.13	cps
Vanadium	51-2	30	30	30	30	0.00	cps
Yttrium	89-1	11222019	11167734	10972387	11120714	1.18	cps
Yttrium	89-2	2423948	2432922	2423236	2426702	0.22	cps
Zinc	66-2	400	487	397	428	11.93	cps
Zirconium	90-1	867	1125	775	922	19.68	cps
Zirconium	91-1	217	192	150	186	18.10	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26824	28712	27126	27554	3.68	cps
Antimony	121-1	2617	2400	2409	2475	4.96	cps
Arsenic	75-2	1837	1906	1787	1843	3.23	cps
Barium	135-1	180904	183005	182826	182245	0.64	cps
Barium	137-1	316930	320168	318639	318579	0.51	cps
Beryllium	9-1	128	111	161	133	19.09	cps
Bismuth	209-1	7282179	6653281	6616436	6850632	5.46	cps
Bismuth	209-2	4395528	4429055	4449288	4424624	0.61	cps
Boron	10-1	24103	25355	25171	24876	2.72	cps
Boron	11-1	118084	117714	117614	117804	0.21	cps
Bromine	81-1	27811	30917	31710	30146	6.84	cps
Bromine	81-2	4936	5006	4946	4963	0.76	cps
Cadmium	111-1	3769	3957	4155	3961	4.88	cps
Cadmium	106-1	3892	4142	4351	4128	5.56	cps
Cadmium	108-1	58	42	46	49	17.84	cps
Calcium	43-1	849865	864578	844195	852880	1.23	cps
Calcium	44-1	13622826	13790023	13465714	13626188	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8996	9613	9130	9246	3.51	cps
Cobalt	59-2	7455	7422	7562	7480	0.98	cps
Copper	63-2	35279	35580	34918	35259	0.94	cps
Dysprosium	156-1	1025	1083	1000	1036	4.13	cps
Dysprosium	156-2	700	667	700	689	2.79	cps
Erbium	164-1	983	1242	1225	1150	12.57	cps
Erbium	164-2	620	650	680	650	4.62	cps
Gadolinium	160-1	1183	1183	1242	1203	2.80	cps
Gadolinium	160-2	953	870	757	860	11.48	cps
Holmium	165-1	10409435	10376753	10065759	10283983	1.84	cps
Holmium	165-2	5948832	5992076	6049503	5996804	0.84	cps
Indium	115-1	7027488	7055116	7018884	7033829	0.27	cps
Indium	115-2	1986244	2028274	2017340	2010620	1.08	cps
Iron	56-2	13359446	13318245	13352290	13343327	0.16	cps
Iron	57-2	326340	335151	333003	331498	1.39	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	710659	725710	725785	720718	1.21	cps
Krypton	83-1	480	460	470	470	2.13	cps
Lead	206-1	19303	19186	19420	19303	0.61	cps
Lead	207-1	16488	16026	15609	16041	2.74	cps
Lead	208-1	74197	74370	73625	74064	0.53	cps
Lithium	6-1	2510162	2468842	2431125	2470043	1.60	cps
Magnesium	24-2	2823780	2864849	2827466	2838698	0.80	cps
Manganese	55-2	3130531	3193392	3185603	3169842	1.08	cps
Molybdenum	94-1	5376	5701	5618	5565	3.03	cps
Molybdenum	95-1	7861	7494	7711	7688	2.40	cps
Molybdenum	96-1	8186	9061	8753	8667	5.12	cps
Molybdenum	97-1	5126	4726	4718	4856	4.81	cps
Molybdenum	98-1	12739	12773	12531	12681	1.03	cps
Neodymium	150-1	1413	1047	1273	1245	14.87	cps
Neodymium	150-2	697	673	683	684	1.71	cps
Nickel	60-2	4401	4371	4651	4474	3.44	cps
Phosphorus	31-2	3417	3317	3100	3278	4.94	cps
Potassium	39-2	1919673	1950901	1930115	1933563	0.82	cps
Rhodium	103-1	6156400	6259923	6206917	6207747	0.83	cps
Rhodium	103-2	3447038	3518824	3501471	3489111	1.07	cps
Scandium	45-1	3652770	3701835	3676491	3677032	0.67	cps
Scandium	45-2	287462	296616	291805	291961	1.57	cps
Selenium	82-1	78	107	67	84	24.38	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	85	120	92	27.92	cps
Silicon	28-1	26036423	26225075	26278081	26179860	0.49	cps
Silver	107-1	525	458	550	511	9.27	cps
Silver	109-1	358	400	483	414	15.38	cps
Sodium	23-2	14318444	14373578	14244731	14312251	0.45	cps
Strontium	86-1	554512	562913	560176	559200	0.77	cps
Strontium	88-1	4802099	4875894	4887904	4855299	0.96	cps
Sulfur	34-1	793402	800013	805481	799632	0.76	cps
Terbium	159-1	10198052	10321811	10134717	10218193	0.93	cps
Terbium	159-2	5767768	5864508	5851802	5828026	0.90	cps
Thallium	203-1	408	550	342	433	24.55	cps
Thallium	205-1	1208	1283	983	1158	13.48	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-01	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:14:45	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2028	2072	2150	2084	2.97	cps
Tin	118-1	2342	2292	2500	2378	4.58	cps
Titanium	47-1	8800	8424	6860	8028	12.81	cps
Uranium	238-1	7352	7369	7219	7313	1.13	cps
Vanadium	51-2	4287	4461	4327	4358	2.08	cps
Yttrium	89-1	10869701	11077682	10949792	10965725	0.96	cps
Yttrium	89-2	2358557	2419107	2397122	2391596	1.28	cps
Zinc	66-2	34534	35042	34568	34715	0.82	cps
Zirconium	90-1	3492	3076	2925	3164	9.28	cps
Zirconium	91-1	733	708	550	664	14.98	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8072	10888	8113	9024	17.89	cps
Antimony	121-1	1458	1533	1533	1508	2.87	cps
Arsenic	75-2	300	296	348	315	9.19	cps
Barium	135-1	130313	132684	133871	132290	1.37	cps
Barium	137-1	227866	227916	231247	229010	0.85	cps
Beryllium	9-1	100	117	39	85	48.07	cps
Bismuth	209-1	6617052	6643311	6680427	6646930	0.48	cps
Bismuth	209-2	4490169	4451771	4444791	4462244	0.55	cps
Boron	10-1	28828	28552	29638	29006	1.95	cps
Boron	11-1	130298	136939	139952	135730	3.64	cps
Bromine	81-1	35227	40942	44736	40302	11.88	cps
Bromine	81-2	6698	7700	7740	7379	8.00	cps
Cadmium	111-1	3969	3651	3769	3796	4.22	cps
Cadmium	106-1	4376	4017	4151	4181	4.33	cps
Cadmium	108-1	38	33	17	29	37.79	cps
Calcium	43-1	912548	913857	929723	918709	1.04	cps
Calcium	44-1	14294219	14561297	14724316	14526611	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2540	2504	2480	2508	1.21	cps
Cobalt	59-2	1513	1427	1527	1489	3.65	cps
Copper	63-2	7996	8382	8306	8228	2.49	cps
Dysprosium	156-1	158	192	150	167	13.23	cps
Dysprosium	156-2	133	100	107	113	15.57	cps
Erbium	164-1	333	217	275	275	21.21	cps
Erbium	164-2	130	143	127	133	6.62	cps
Gadolinium	160-1	275	217	242	244	11.97	cps
Gadolinium	160-2	223	240	260	241	7.61	cps
Holmium	165-1	10481600	10423420	10410057	10438359	0.36	cps
Holmium	165-2	6088607	6075081	6069499	6077729	0.16	cps
Indium	115-1	7042015	7130514	7187807	7120112	1.03	cps
Indium	115-2	2026150	2040346	2025506	2030667	0.41	cps
Iron	56-2	2252732	2298406	2262789	2271309	1.06	cps
Iron	57-2	62287	63693	63185	63055	1.13	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	126183	124618	123901	124901	0.93	cps
Krypton	83-1	423	493	560	492	13.88	cps
Lead	206-1	3167	3028	2984	3060	3.13	cps
Lead	207-1	2478	2506	2639	2541	3.39	cps
Lead	208-1	11369	11925	11925	11739	2.73	cps
Lithium	6-1	2462459	2465978	2466157	2464865	0.08	cps
Magnesium	24-2	5209332	5219827	5274241	5234467	0.67	cps
Manganese	55-2	1124495	1126988	1124063	1125182	0.14	cps
Molybdenum	94-1	2200	2284	2200	2228	2.16	cps
Molybdenum	95-1	2934	3142	2817	2964	5.56	cps
Molybdenum	96-1	3317	3534	3350	3400	3.43	cps
Molybdenum	97-1	1867	1717	2192	1925	12.61	cps
Molybdenum	98-1	4593	4701	5168	4820	6.34	cps
Neodymium	150-1	167	180	153	167	8.00	cps
Neodymium	150-2	73	87	83	81	8.56	cps
Nickel	60-2	2070	2040	2150	2087	2.73	cps
Phosphorus	31-2	1192	1433	1383	1336	9.55	cps
Potassium	39-2	903477	907645	908294	906472	0.29	cps
Rhodium	103-1	6239518	6212835	6241508	6231287	0.26	cps
Rhodium	103-2	3501407	3514975	3504649	3507010	0.20	cps
Scandium	45-1	3702736	3726330	3770893	3733320	0.93	cps
Scandium	45-2	294246	297080	294860	295395	0.50	cps
Selenium	82-1	106	26	-29	35	197.21	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	91	94	100	12.96	cps
Silicon	28-1	22575303	22488369	22813468	22625713	0.74	cps
Silver	107-1	192	92	158	147	34.58	cps
Silver	109-1	83	100	92	92	9.09	cps
Sodium	23-2	26649445	27090594	27143046	26961029	1.01	cps
Strontium	86-1	472879	480071	480619	477856	0.90	cps
Strontium	88-1	4137559	4128879	4181891	4149443	0.69	cps
Sulfur	34-1	1103854	1112157	1112020	1109344	0.43	cps
Terbium	159-1	10339461	10182879	10319332	10280557	0.83	cps
Terbium	159-2	5941589	5987969	5914992	5948183	0.62	cps
Thallium	203-1	308	283	292	294	4.32	cps
Thallium	205-1	683	800	575	686	16.40	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-02	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:17:52	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	522	589	383	498	21.05	cps
Tin	118-1	900	958	792	883	9.58	cps
Titanium	47-1	1975	1992	1975	1981	0.49	cps
Uranium	238-1	5877	6135	6310	6107	3.57	cps
Vanadium	51-2	2460	2414	2320	2398	2.97	cps
Yttrium	89-1	11137233	11159599	11071764	11122865	0.41	cps
Yttrium	89-2	2390199	2412716	2413464	2405459	0.55	cps
Zinc	66-2	4894	4774	4674	4781	2.30	cps
Zirconium	90-1	1408	2512	1392	1771	36.27	cps
Zirconium	91-1	342	300	292	311	8.61	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239353	237344	233435	236711	1.27	cps
Antimony	121-1	4526	4618	4651	4598	1.41	cps
Arsenic	75-2	2672	2622	2680	2658	1.17	cps
Barium	135-1	385656	388567	396955	390393	1.50	cps
Barium	137-1	675921	688228	690633	684927	1.15	cps
Beryllium	9-1	511	617	572	567	9.35	cps
Bismuth	209-1	6574479	6645029	6633693	6617734	0.57	cps
Bismuth	209-2	4421298	4416835	4457226	4431786	0.50	cps
Boron	10-1	25430	26323	26148	25967	1.82	cps
Boron	11-1	118427	122744	125787	122319	3.02	cps
Bromine	81-1	28646	31443	33197	31095	7.38	cps
Bromine	81-2	4315	4696	4415	4475	4.41	cps
Cadmium	111-1	4464	5069	4619	4717	6.66	cps
Cadmium	106-1	4026	4593	4242	4287	6.67	cps
Cadmium	108-1	117	71	83	90	26.25	cps
Calcium	43-1	884070	897303	910601	897325	1.48	cps
Calcium	44-1	14009887	14456453	14292942	14253094	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85898	86424	86565	86296	0.41	cps
Cobalt	59-2	19066	18749	19169	18995	1.15	cps
Copper	63-2	147198	147066	145716	146660	0.56	cps
Dysprosium	156-1	7577	7961	7719	7752	2.50	cps
Dysprosium	156-2	4824	4524	4974	4774	4.80	cps
Erbium	164-1	7344	7702	7436	7494	2.49	cps
Erbium	164-2	4621	4344	4741	4569	4.45	cps
Gadolinium	160-1	7911	7727	7744	7794	1.30	cps
Gadolinium	160-2	5121	5268	5281	5223	1.70	cps
Holmium	165-1	10211973	10381919	10212145	10268679	0.96	cps
Holmium	165-2	6039789	6020500	6065591	6041960	0.37	cps
Indium	115-1	6972124	7001524	7043774	7005807	0.51	cps
Indium	115-2	1994960	1999091	1997055	1997035	0.10	cps
Iron	56-2	56958517	57300665	56806168	57021783	0.44	cps
Iron	57-2	1404307	1399761	1394364	1399477	0.36	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3098120	3095553	3093125	3095599	0.08	cps
Krypton	83-1	507	490	533	510	4.29	cps
Lead	206-1	249170	248201	252140	249837	0.82	cps
Lead	207-1	205160	208128	209398	207562	1.05	cps
Lead	208-1	958445	972965	968868	966759	0.77	cps
Lithium	6-1	2398594	2429238	2422461	2416764	0.67	cps
Magnesium	24-2	2959595	2967043	2950342	2958993	0.28	cps
Manganese	55-2	3845794	3867955	3847515	3853755	0.32	cps
Molybdenum	94-1	6885	7444	7060	7130	4.01	cps
Molybdenum	95-1	9729	9503	10321	9851	4.28	cps
Molybdenum	96-1	11114	11471	11255	11280	1.60	cps
Molybdenum	97-1	6152	6418	6402	6324	2.36	cps
Molybdenum	98-1	16677	16835	16168	16560	2.11	cps
Neodymium	150-1	8676	8696	8436	8603	1.68	cps
Neodymium	150-2	4554	4367	4387	4436	2.31	cps
Nickel	60-2	25739	26447	25836	26008	1.48	cps
Phosphorus	31-2	18529	19138	19355	19007	2.25	cps
Potassium	39-2	2011494	1997653	1980817	1996655	0.77	cps
Rhodium	103-1	6153251	6201087	6136649	6163663	0.54	cps
Rhodium	103-2	3470960	3474634	3474845	3473480	0.06	cps
Scandium	45-1	3598244	3688040	3673208	3653164	1.32	cps
Scandium	45-2	288562	287488	289150	288400	0.29	cps
Selenium	82-1	54	45	14	37	56.47	cps
Selenium	77-2	3	13	20	12	68.66	cps
Selenium	78-2	104	119	81	101	18.42	cps
Silicon	28-1	30285449	30417181	30889902	30530844	1.04	cps
Silver	107-1	1600	1558	1842	1667	9.18	cps
Silver	109-1	1642	1683	1817	1714	5.33	cps
Sodium	23-2	14635556	14589993	14395404	14540317	0.88	cps
Strontium	86-1	579730	586089	594294	586704	1.24	cps
Strontium	88-1	5043907	5106904	5169662	5106824	1.23	cps
Sulfur	34-1	788557	805665	813877	802700	1.61	cps
Terbium	159-1	10238945	10293363	10170487	10234265	0.60	cps
Terbium	159-2	5899048	5878605	5870505	5882719	0.25	cps
Thallium	203-1	375	333	392	367	8.19	cps
Thallium	205-1	875	1108	958	981	12.06	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-03	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:20:58	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	5868	6024	5935	5942	1.31	cps
Tin	118-1	16477	16702	17127	16769	1.97	cps
Titanium	47-1	27718	29330	28779	28609	2.86	cps
Uranium	238-1	12306	12723	12723	12584	1.91	cps
Vanadium	51-2	21542	22093	21265	21634	1.95	cps
Yttrium	89-1	10895344	11023200	10941821	10953455	0.59	cps
Yttrium	89-2	2372668	2399370	2382999	2385012	0.56	cps
Zinc	66-2	118690	118485	116600	117925	0.98	cps
Zirconium	90-1	4334	4393	4609	4445	3.26	cps
Zirconium	91-1	975	1150	892	1006	13.11	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9866	8570	8153	8863	10.08	cps
Antimony	121-1	1125	1467	1200	1264	14.21	cps
Arsenic	75-2	306	380	263	316	18.68	cps
Barium	135-1	118981	120257	119593	119610	0.53	cps
Barium	137-1	208152	209286	209218	208885	0.30	cps
Beryllium	9-1	61	78	83	74	15.62	cps
Bismuth	209-1	6624526	7208879	7184365	7005923	4.72	cps
Bismuth	209-2	4429035	4473854	4464152	4455680	0.53	cps
Boron	10-1	26432	27359	27576	27122	2.24	cps
Boron	11-1	121015	129089	128114	126073	3.50	cps
Bromine	81-1	30474	37333	38761	35523	12.47	cps
Bromine	81-2	5667	5997	5967	5877	3.11	cps
Cadmium	111-1	3947	3616	3559	3707	5.65	cps
Cadmium	106-1	4367	3951	3934	4084	6.01	cps
Cadmium	108-1	38	13	29	26	48.24	cps
Calcium	43-1	855139	851183	853732	853351	0.23	cps
Calcium	44-1	13435622	13390444	13607421	13477829	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2327	2304	2460	2364	3.58	cps
Cobalt	59-2	730	767	730	742	2.85	cps
Copper	63-2	4791	4737	4904	4811	1.77	cps
Dysprosium	156-1	258	208	233	233	10.71	cps
Dysprosium	156-2	120	140	153	138	12.18	cps
Erbium	164-1	175	333	258	256	30.99	cps
Erbium	164-2	170	193	143	169	14.81	cps
Gadolinium	160-1	167	150	242	186	26.24	cps
Gadolinium	160-2	283	310	230	274	14.84	cps
Holmium	165-1	10356985	10330430	10481295	10389570	0.78	cps
Holmium	165-2	6074946	6111046	6144657	6110216	0.57	cps
Indium	115-1	7235662	7096245	7117681	7149863	1.05	cps
Indium	115-2	2025491	2063613	2078660	2055921	1.33	cps
Iron	56-2	500992	511849	509273	507371	1.12	cps
Iron	57-2	19258	20164	19802	19741	2.31	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28608	29018	32503	30043	7.12	cps
Krypton	83-1	467	460	487	471	2.95	cps
Lead	206-1	2717	2711	2573	2667	3.07	cps
Lead	207-1	2145	2350	2345	2280	5.14	cps
Lead	208-1	10341	10702	10730	10591	2.05	cps
Lithium	6-1	2444810	2488208	2481271	2471429	0.94	cps
Magnesium	24-2	3612265	3642911	3672005	3642393	0.82	cps
Manganese	55-2	281895	288767	289482	286715	1.46	cps
Molybdenum	94-1	1833	1608	1633	1692	7.29	cps
Molybdenum	95-1	2309	2467	2317	2364	3.77	cps
Molybdenum	96-1	2742	2817	2742	2767	1.56	cps
Molybdenum	97-1	1500	1633	1392	1508	8.03	cps
Molybdenum	98-1	4276	4042	3951	4090	4.10	cps
Neodymium	150-1	167	187	120	158	21.68	cps
Neodymium	150-2	80	90	97	89	9.44	cps
Nickel	60-2	1110	1127	997	1078	6.56	cps
Phosphorus	31-2	1217	1400	1425	1347	8.44	cps
Potassium	39-2	834524	849891	867422	850612	1.94	cps
Rhodium	103-1	6262851	6259979	6197649	6240160	0.59	cps
Rhodium	103-2	3536678	3577908	3594586	3569724	0.84	cps
Scandium	45-1	3717128	3719435	3730224	3722262	0.19	cps
Scandium	45-2	295938	300782	303652	300124	1.30	cps
Selenium	82-1	42	107	29	59	69.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	98	89	88	12.73	cps
Silicon	28-1	21320324	20922643	20976699	21073222	1.02	cps
Silver	107-1	92	192	100	128	43.42	cps
Silver	109-1	42	67	83	64	32.83	cps
Sodium	23-2	26127199	26233404	26561843	26307482	0.86	cps
Strontium	86-1	438710	436285	440646	438547	0.50	cps
Strontium	88-1	3812340	3812275	3837939	3820851	0.39	cps
Sulfur	34-1	894948	892648	901999	896532	0.54	cps
Terbium	159-1	10384394	10221579	10442660	10349544	1.11	cps
Terbium	159-2	5911265	5962866	5965317	5946483	0.51	cps
Thallium	203-1	175	183	233	197	16.00	cps
Thallium	205-1	425	425	558	469	16.40	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:24:05	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	456	489	589	511	13.57	cps
Tin	118-1	1117	1133	1158	1136	1.85	cps
Titanium	47-1	1708	1558	3270	2179	43.50	cps
Uranium	238-1	4726	4793	5026	4848	3.25	cps
Vanadium	51-2	3490	3417	3484	3464	1.17	cps
Yttrium	89-1	11053196	11059424	11060075	11057565	0.03	cps
Yttrium	89-2	2428432	2476638	2484115	2463062	1.23	cps
Zinc	66-2	13987	14671	14210	14289	2.44	cps
Zirconium	90-1	1258	1050	1083	1131	9.90	cps
Zirconium	91-1	450	2626	325	1134	114.12	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8645	8970	8938	8851	2.03	cps
Antimony	121-1	1300	1308	1442	1350	5.89	cps
Arsenic	75-2	300	243	250	264	11.82	cps
Barium	135-1	121720	122745	122966	122477	0.54	cps
Barium	137-1	210251	217223	216267	214580	1.76	cps
Beryllium	9-1	56	44	78	59	28.64	cps
Bismuth	209-1	7305255	7465520	7330821	7367199	1.17	cps
Bismuth	209-2	4505880	4537842	4570363	4538028	0.71	cps
Boron	10-1	25864	27367	26991	26741	2.92	cps
Boron	11-1	124037	129215	129180	127477	2.34	cps
Bromine	81-1	32880	35052	37549	35160	6.65	cps
Bromine	81-2	5747	5457	6358	5854	7.86	cps
Cadmium	111-1	4117	3806	4000	3974	3.95	cps
Cadmium	106-1	4526	4192	4384	4367	3.83	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	873389	880554	884808	879584	0.66	cps
Calcium	44-1	13824958	13916285	14042866	13928036	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2194	2304	2457	2318	5.71	cps
Cobalt	59-2	800	740	813	784	4.98	cps
Copper	63-2	4707	5108	4941	4919	4.09	cps
Dysprosium	156-1	125	208	192	175	25.20	cps
Dysprosium	156-2	140	90	120	117	21.57	cps
Erbium	164-1	242	242	267	250	5.77	cps
Erbium	164-2	207	203	163	191	12.62	cps
Gadolinium	160-1	242	292	267	267	9.37	cps
Gadolinium	160-2	297	287	300	294	2.36	cps
Holmium	165-1	10632178	10584101	10718362	10644881	0.64	cps
Holmium	165-2	6213139	6215741	6295792	6241557	0.75	cps
Indium	115-1	7208170	7464256	7316568	7329665	1.75	cps
Indium	115-2	2062022	2078710	2109699	2083477	1.16	cps
Iron	56-2	536444	503208	534872	524841	3.57	cps
Iron	57-2	19402	19124	19574	19367	1.17	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	28988	29280	29179	29149	0.51	cps
Krypton	83-1	483	470	577	510	11.40	cps
Lead	206-1	2523	2661	2478	2554	3.75	cps
Lead	207-1	2222	2211	2489	2308	6.82	cps
Lead	208-1	10796	10402	10852	10683	2.30	cps
Lithium	6-1	2491157	2513041	2497435	2500544	0.45	cps
Magnesium	24-2	3672975	3694847	3712875	3693566	0.54	cps
Manganese	55-2	291635	289768	293506	291636	0.64	cps
Molybdenum	94-1	1784	2292	1675	1917	17.19	cps
Molybdenum	95-1	2425	2400	2634	2486	5.15	cps
Molybdenum	96-1	2642	2609	2825	2692	4.33	cps
Molybdenum	97-1	1575	1742	1533	1617	6.82	cps
Molybdenum	98-1	4434	3976	4151	4187	5.53	cps
Neodymium	150-1	153	140	173	156	10.79	cps
Neodymium	150-2	97	57	67	73	28.39	cps
Nickel	60-2	1147	1163	1133	1148	1.31	cps
Phosphorus	31-2	1358	1450	1225	1345	8.42	cps
Potassium	39-2	854974	858020	869203	860732	0.87	cps
Rhodium	103-1	6341037	6405955	6433927	6393640	0.75	cps
Rhodium	103-2	3569577	3602459	3647547	3606527	1.09	cps
Scandium	45-1	3780704	3840660	3858226	3826530	1.06	cps
Scandium	45-2	301246	305623	307089	304653	1.00	cps
Selenium	82-1	62	61	-27	32	160.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	91	91	99	15.06	cps
Silicon	28-1	21559355	21774044	21776512	21703304	0.57	cps
Silver	107-1	125	92	150	122	23.95	cps
Silver	109-1	8	42	83	44	84.56	cps
Sodium	23-2	26495344	26470128	26550383	26505285	0.15	cps
Strontium	86-1	449138	453465	460395	454333	1.25	cps
Strontium	88-1	3891338	3932067	3981990	3935132	1.15	cps
Sulfur	34-1	910371	909485	913575	911144	0.24	cps
Terbium	159-1	10606827	10484250	10675287	10588788	0.91	cps
Terbium	159-2	6450154	6070198	6112718	6211023	3.35	cps
Thallium	203-1	217	192	225	211	8.22	cps
Thallium	205-1	383	350	400	378	6.74	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04DUP	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:27:11	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	383	985	533	634	49.37	cps
Tin	118-1	1017	1225	1300	1181	12.44	cps
Titanium	47-1	1742	2476	2601	2273	20.42	cps
Uranium	238-1	5143	5476	5485	5368	3.63	cps
Vanadium	51-2	3530	3377	3544	3484	2.66	cps
Yttrium	89-1	11416078	11468604	11474065	11452916	0.28	cps
Yttrium	89-2	2461008	2483978	2520594	2488527	1.21	cps
Zinc	66-2	15135	15488	15158	15260	1.30	cps
Zirconium	90-1	1183	1025	1017	1075	8.74	cps
Zirconium	91-1	275	250	325	283	13.48	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1984	2100	1759	1947	8.92	cps
Antimony	121-1	383	367	333	361	7.05	cps
Arsenic	75-2	52	52	41	48	13.32	cps
Barium	135-1	25207	24689	23512	24469	3.55	cps
Barium	137-1	43001	42774	42466	42747	0.63	cps
Beryllium	9-1	50	72	50	57	22.35	cps
Bismuth	209-1	7371418	7599954	7394473	7455282	1.69	cps
Bismuth	209-2	4554517	4573266	4569917	4565900	0.22	cps
Boron	10-1	6977	7002	7002	6993	0.21	cps
Boron	11-1	32561	33697	33162	33140	1.71	cps
Bromine	81-1	16310	17111	16560	16660	2.46	cps
Bromine	81-2	1522	1542	1612	1558	3.04	cps
Cadmium	111-1	3741	4310	3786	3946	8.01	cps
Cadmium	106-1	4151	4776	4184	4370	8.05	cps
Cadmium	108-1	33	13	21	22	47.18	cps
Calcium	43-1	170185	171904	172982	171690	0.82	cps
Calcium	44-1	2759596	2793726	2792450	2781924	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1253	1327	1303	1295	2.89	cps
Cobalt	59-2	187	183	240	203	15.64	cps
Copper	63-2	1573	1683	1607	1621	3.48	cps
Dysprosium	156-1	33	67	8	36	81.06	cps
Dysprosium	156-2	7	23	27	19	56.72	cps
Erbium	164-1	125	92	50	89	42.27	cps
Erbium	164-2	63	47	83	64	28.48	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	150	167	170	162	6.61	cps
Holmium	165-1	10497460	10629204	10538693	10555119	0.64	cps
Holmium	165-2	6178185	6146478	6210615	6178426	0.52	cps
Indium	115-1	7400999	7427338	7463355	7430564	0.42	cps
Indium	115-2	2081814	2090307	2112955	2095025	0.77	cps
Iron	56-2	103904	104715	103551	104057	0.57	cps
Iron	57-2	4217	4240	4112	4190	1.63	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6528	6649	6318	6498	2.58	cps
Krypton	83-1	520	600	477	532	11.76	cps
Lead	206-1	1228	1145	1145	1172	4.10	cps
Lead	207-1	1178	872	917	989	16.69	cps
Lead	208-1	4839	4523	4478	4613	4.27	cps
Lithium	6-1	2487509	2545008	2524570	2519029	1.16	cps
Magnesium	24-2	723327	729609	725448	726128	0.44	cps
Manganese	55-2	57712	57957	57264	57644	0.61	cps
Molybdenum	94-1	533	467	517	506	6.86	cps
Molybdenum	95-1	467	475	533	492	7.39	cps
Molybdenum	96-1	675	550	575	600	11.02	cps
Molybdenum	97-1	275	442	325	347	24.63	cps
Molybdenum	98-1	833	675	958	822	17.27	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	383	440	407	410	6.95	cps
Phosphorus	31-2	492	600	517	536	10.58	cps
Potassium	39-2	194938	198581	200056	197858	1.33	cps
Rhodium	103-1	6591039	6661878	6557468	6603462	0.81	cps
Rhodium	103-2	3653654	3646405	3684553	3661537	0.55	cps
Scandium	45-1	3845355	3837223	3815833	3832804	0.40	cps
Scandium	45-2	302997	306436	306327	305253	0.64	cps
Selenium	82-1	80	-106	69	14	731.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	104	115	98	106	8.04	cps
Silicon	28-1	4426349	4352424	4313956	4364243	1.31	cps
Silver	107-1	83	117	142	114	25.69	cps
Silver	109-1	25	67	25	39	61.86	cps
Sodium	23-2	5254990	5293051	5271562	5273201	0.36	cps
Strontium	86-1	88563	91314	89570	89816	1.55	cps
Strontium	88-1	767628	771286	779909	772941	0.82	cps
Sulfur	34-1	451120	444119	444450	446563	0.88	cps
Terbium	159-1	10562588	10676940	10552599	10597376	0.65	cps
Terbium	159-2	5981769	6024027	6051316	6019037	0.58	cps
Thallium	203-1	108	158	192	153	27.45	cps
Thallium	205-1	300	350	442	364	19.75	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04LX5	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-22 14:30:17	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	189	194	267	217	20.03	cps
Tin	118-1	600	592	692	628	8.84	cps
Titanium	47-1	550	400	583	511	19.11	cps
Uranium	238-1	933	883	1142	986	13.89	cps
Vanadium	51-2	727	723	690	713	2.84	cps
Yttrium	89-1	11503343	11482705	11365445	11450498	0.65	cps
Yttrium	89-2	2477740	2489520	2494975	2487412	0.35	cps
Zinc	66-2	3734	3664	3564	3654	2.34	cps
Zirconium	90-1	483	525	567	525	7.94	cps
Zirconium	91-1	167	58	158	128	47.18	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12833	10705	11388	11642	9.33	cps
Antimony	121-1	767	858	750	792	7.37	cps
Arsenic	75-2	165	154	211	177	17.24	cps
Barium	135-1	80021	81236	82192	81150	1.34	cps
Barium	137-1	142794	143711	145790	144098	1.07	cps
Beryllium	9-1	61	89	100	83	24.04	cps
Bismuth	209-1	7355005	6765444	7313568	7144672	4.61	cps
Bismuth	209-2	4596278	4551317	4577838	4575144	0.49	cps
Boron	10-1	9895	9420	10020	9778	3.24	cps
Boron	11-1	43287	45870	44340	44499	2.92	cps
Bromine	81-1	27636	30834	33991	30820	10.31	cps
Bromine	81-2	5417	5176	5697	5430	4.80	cps
Cadmium	111-1	3627	4009	3503	3713	7.11	cps
Cadmium	106-1	4017	4409	3851	4092	7.01	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Calcium	43-1	531752	545263	540931	539315	1.28	cps
Calcium	44-1	8491132	8615877	8634369	8580459	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2880	2734	2950	2855	3.87	cps
Cobalt	59-2	763	653	703	707	7.79	cps
Copper	63-2	4944	4777	4854	4859	1.72	cps
Dysprosium	156-1	242	317	292	283	13.48	cps
Dysprosium	156-2	237	187	137	187	26.79	cps
Erbium	164-1	375	250	367	331	21.14	cps
Erbium	164-2	187	250	200	212	15.73	cps
Gadolinium	160-1	425	367	325	372	13.50	cps
Gadolinium	160-2	320	337	343	333	3.60	cps
Holmium	165-1	10595787	10496317	10668436	10586847	0.82	cps
Holmium	165-2	6590052	6213193	6292444	6365230	3.12	cps
Indium	115-1	7277461	7407612	7416832	7367302	1.06	cps
Indium	115-2	2101020	2086708	2149397	2112375	1.56	cps
Iron	56-2	492701	476071	491642	486805	1.91	cps
Iron	57-2	16003	16053	16598	16218	2.04	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27875	27213	28489	27859	2.29	cps
Krypton	83-1	513	510	540	521	3.16	cps
Lead	206-1	2311	2406	2523	2413	4.38	cps
Lead	207-1	2150	2000	2067	2072	3.63	cps
Lead	208-1	9157	9201	9757	9372	3.57	cps
Lithium	6-1	2509895	2496363	2510044	2505434	0.31	cps
Magnesium	24-2	3019589	2983972	3053182	3018914	1.15	cps
Manganese	55-2	54966	53627	54571	54388	1.26	cps
Molybdenum	94-1	1717	1433	1517	1556	9.36	cps
Molybdenum	95-1	2092	2250	2084	2142	4.39	cps
Molybdenum	96-1	2500	2309	2750	2520	8.79	cps
Molybdenum	97-1	1600	1575	1642	1606	2.10	cps
Molybdenum	98-1	3726	3609	3459	3598	3.72	cps
Neodymium	150-1	420	327	400	382	12.86	cps
Neodymium	150-2	193	160	170	174	9.81	cps
Nickel	60-2	1007	930	953	963	4.08	cps
Phosphorus	31-2	742	633	442	606	25.09	cps
Potassium	39-2	694848	679673	710387	694969	2.21	cps
Rhodium	103-1	6538814	6569018	6473816	6527216	0.75	cps
Rhodium	103-2	3658920	3613952	3725383	3666085	1.53	cps
Scandium	45-1	3845653	3896267	3928191	3890037	1.07	cps
Scandium	45-2	307650	302289	316814	308918	2.38	cps
Selenium	82-1	18	32	23	24	30.22	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	80	80	94	85	10.12	cps
Silicon	28-1	10358809	10692179	10582583	10544524	1.61	cps
Silver	107-1	83	58	117	86	33.98	cps
Silver	109-1	83	67	67	72	13.33	cps
Sodium	23-2	14932297	14727907	15033823	14898009	1.05	cps
Strontium	86-1	330115	331176	333626	331639	0.54	cps
Strontium	88-1	2873394	2882303	2924705	2893468	0.95	cps
Sulfur	34-1	515284	525590	528216	523030	1.31	cps
Terbium	159-1	10537802	10553500	10597701	10563001	0.29	cps
Terbium	159-2	6448943	6035964	6136300	6207069	3.47	cps
Thallium	203-1	150	117	158	142	15.56	cps
Thallium	205-1	375	367	417	386	6.94	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:33:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	633	661	506	600	13.83	cps
Tin	118-1	1142	1033	1025	1067	6.10	cps
Titanium	47-1	2951	2509	8982	4814	75.13	cps
Uranium	238-1	8712	8495	8978	8728	2.78	cps
Vanadium	51-2	2177	2057	2010	2081	4.13	cps
Yttrium	89-1	11436864	11589532	11707868	11578088	1.17	cps
Yttrium	89-2	2498241	2473460	2549508	2507069	1.55	cps
Zinc	66-2	11838	11268	12429	11845	4.90	cps
Zirconium	90-1	1300	1000	1067	1122	14.04	cps
Zirconium	91-1	200	208	233	214	8.11	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1348314	1361919	1338130	1349454	0.88	cps
Antimony	121-1	3537509	3567402	3607206	3570706	0.98	cps
Arsenic	75-2	151956	152255	149664	151292	0.94	cps
Barium	135-1	4573228	4581293	4613267	4589262	0.46	cps
Barium	137-1	8449926	8313701	8387797	8383808	0.81	cps
Beryllium	9-1	725279	721972	724921	724057	0.25	cps
Bismuth	209-1	6338571	6341039	6355787	6345132	0.15	cps
Bismuth	209-2	4167845	4141954	4138434	4149411	0.39	cps
Boron	10-1	117453	120475	123390	120439	2.46	cps
Boron	11-1	547821	556271	558135	554076	0.99	cps
Bromine	81-1	31143	34400	37065	34202	8.67	cps
Bromine	81-2	5567	5086	5917	5523	7.55	cps
Cadmium	111-1	1394178	1375242	1473754	1414391	3.70	cps
Cadmium	106-1	104491	105825	105045	105120	0.64	cps
Cadmium	108-1	72349	73748	73861	73320	1.15	cps
Calcium	43-1	1778242	1765635	1796454	1780110	0.87	cps
Calcium	44-1	27976006	27899060	28194926	28023330	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1322911	1334586	1304638	1320712	1.14	cps
Cobalt	59-2	2074819	2089802	2038815	2067812	1.27	cps
Copper	63-2	16526420	16491833	16275444	16431232	0.83	cps
Dysprosium	156-1	417	400	458	425	7.07	cps
Dysprosium	156-2	307	270	233	270	13.58	cps
Erbium	164-1	275	292	275	281	3.43	cps
Erbium	164-2	133	133	143	137	4.23	cps
Gadolinium	160-1	367	358	400	375	5.88	cps
Gadolinium	160-2	307	343	357	336	7.72	cps
Holmium	165-1	9945815	10067056	10005987	10006286	0.61	cps
Holmium	165-2	5824611	5812005	5778454	5805023	0.41	cps
Indium	115-1	6649266	6581862	6633870	6621666	0.53	cps
Indium	115-2	1854338	1841927	1840055	1845440	0.42	cps
Iron	56-2	64901528	65933368	64311092	65048663	1.26	cps
Iron	57-2	1604420	1616545	1581262	1600742	1.12	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3552730	3565309	3496576	3538205	1.03	cps
Krypton	83-1	420	463	487	457	7.41	cps
Lead	206-1	19521341	19388685	19254721	19388249	0.69	cps
Lead	207-1	17181689	17231127	17160256	17191024	0.21	cps
Lead	208-1	78069707	77985117	77428461	77827762	0.45	cps
Lithium	6-1	2297614	2305972	2279488	2294358	0.59	cps
Magnesium	24-2	17288483	17458215	17164246	17303648	0.85	cps
Manganese	55-2	11397046	11370518	11197718	11321761	0.96	cps
Molybdenum	94-1	11130021	11010090	11187576	11109229	0.82	cps
Molybdenum	95-1	15910970	15889534	16150287	15983597	0.91	cps
Molybdenum	96-1	17253082	17250334	17303819	17269078	0.17	cps
Molybdenum	97-1	9965665	9911712	9937993	9938457	0.27	cps
Molybdenum	98-1	25927027	25357850	25500083	25594986	1.16	cps
Neodymium	150-1	420	487	480	462	7.94	cps
Neodymium	150-2	117	120	180	139	25.67	cps
Nickel	60-2	519708	521555	512397	517887	0.94	cps
Phosphorus	31-2	1217	1200	1283	1233	3.58	cps
Potassium	39-2	7335453	7422373	7239348	7332391	1.25	cps
Rhodium	103-1	5467918	5469933	5489978	5475943	0.22	cps
Rhodium	103-2	3216737	3192730	3170874	3193447	0.72	cps
Scandium	45-1	3510407	3487247	3559056	3518903	1.04	cps
Scandium	45-2	271555	271780	268944	270760	0.58	cps
Selenium	82-1	55850	56845	55537	56077	1.22	cps
Selenium	77-2	4504	4311	4454	4423	2.27	cps
Selenium	78-2	15134	15128	14917	15060	0.82	cps
Silicon	28-1	22046203	22229222	22493962	22256462	1.01	cps
Silver	107-1	4402361	4160326	5170224	4577637	11.52	cps
Silver	109-1	4693889	4391622	4061885	4382465	7.21	cps
Sodium	23-2	48177790	48532009	47902819	48204206	0.65	cps
Strontium	86-1	11316209	11245500	11182242	11247984	0.60	cps
Strontium	88-1	98327798	97088019	96636390	97350736	0.90	cps
Sulfur	34-1	850199	842091	845399	845897	0.48	cps
Terbium	159-1	9980125	9982878	9892850	9951951	0.51	cps
Terbium	159-2	5621585	5611575	5646153	5626438	0.32	cps
Thallium	203-1	4274703	4375325	4334909	4328312	1.17	cps
Thallium	205-1	11069803	11070058	11059843	11066568	0.05	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MS	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:36:32	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	972	700	783	819	17.05	cps
Tin	118-1	3045439	3062054	3096688	3068061	0.85	cps
Titanium	47-1	3836917	3809132	3878267	3841439	0.91	cps
Uranium	238-1	15845815	15905910	16326856	16026194	1.64	cps
Vanadium	51-2	1107821	1116943	1095389	1106718	0.98	cps
Yttrium	89-1	10708669	10445996	10486555	10547073	1.34	cps
Yttrium	89-2	2241784	2227919	2217202	2228968	0.55	cps
Zinc	66-2	2683338	2695474	2655513	2678108	0.76	cps
Zirconium	90-1	5739259	5711979	5636877	5696038	0.93	cps
Zirconium	91-1	1222908	1227004	1239334	1229749	0.70	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1319317	1321561	1311258	1317379	0.41	cps
Antimony	121-1	3546180	3485748	3458546	3496825	1.28	cps
Arsenic	75-2	147142	149221	145742	147368	1.19	cps
Barium	135-1	4490673	4483868	4458022	4477521	0.38	cps
Barium	137-1	8182720	8064360	8153208	8133429	0.76	cps
Beryllium	9-1	695907	704567	698911	699795	0.63	cps
Bismuth	209-1	6320842	6356766	6361744	6346451	0.35	cps
Bismuth	209-2	4131292	4168112	4129806	4143070	0.52	cps
Boron	10-1	110518	118696	124391	117868	5.92	cps
Boron	11-1	527510	555171	570945	551209	3.99	cps
Bromine	81-1	28913	33189	35812	32638	10.67	cps
Bromine	81-2	5176	5487	5457	5373	3.19	cps
Cadmium	111-1	1487968	1338259	1439530	1421919	5.37	cps
Cadmium	106-1	104734	103803	102930	103822	0.87	cps
Cadmium	108-1	70876	73212	71299	71796	1.73	cps
Calcium	43-1	1734119	1696483	1691446	1707349	1.37	cps
Calcium	44-1	26884481	26701055	26430026	26671854	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1287402	1297959	1270293	1285218	1.09	cps
Cobalt	59-2	2005725	2033338	2004346	2014469	0.81	cps
Copper	63-2	16093538	16218921	15918967	16077142	0.94	cps
Dysprosium	156-1	317	358	308	328	8.17	cps
Dysprosium	156-2	357	273	263	298	17.21	cps
Erbium	164-1	225	258	167	217	21.41	cps
Erbium	164-2	123	213	197	178	26.93	cps
Gadolinium	160-1	358	450	233	347	31.32	cps
Gadolinium	160-2	297	350	340	329	8.62	cps
Holmium	165-1	9884746	9995837	9900234	9926939	0.61	cps
Holmium	165-2	5814799	5809266	5785705	5803256	0.27	cps
Indium	115-1	6643573	6552159	6483239	6559657	1.23	cps
Indium	115-2	1825518	1838345	1839275	1834379	0.42	cps
Iron	56-2	63964697	63188208	63122150	63425019	0.74	cps
Iron	57-2	1551475	1573424	1549390	1558096	0.85	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3445486	3464933	3429122	3446513	0.52	cps
Krypton	83-1	493	470	450	471	4.60	cps
Lead	206-1	19352118	19047962	19360537	19253539	0.92	cps
Lead	207-1	16996231	16960170	17226379	17060927	0.85	cps
Lead	208-1	77709415	76943315	78066289	77573006	0.74	cps
Lithium	6-1	2214665	2254493	2242191	2237116	0.91	cps
Magnesium	24-2	16895024	17085403	17014070	16998166	0.57	cps
Manganese	55-2	11122763	11223409	11009131	11118434	0.96	cps
Molybdenum	94-1	10864740	10575891	10508835	10649822	1.78	cps
Molybdenum	95-1	15515467	15129439	15122031	15255646	1.48	cps
Molybdenum	96-1	16834646	16585892	16645874	16688804	0.78	cps
Molybdenum	97-1	9587669	9537676	9445885	9523743	0.76	cps
Molybdenum	98-1	24989026	24430918	24225110	24548351	1.61	cps
Neodymium	150-1	507	500	360	456	18.18	cps
Neodymium	150-2	100	90	140	110	24.06	cps
Nickel	60-2	504178	508135	503952	505422	0.47	cps
Phosphorus	31-2	1150	1158	1158	1156	0.42	cps
Potassium	39-2	7170918	7132291	7179213	7160807	0.35	cps
Rhodium	103-1	5393706	5381693	5302574	5359324	0.92	cps
Rhodium	103-2	3163331	3185631	3178231	3175731	0.36	cps
Scandium	45-1	3448680	3380945	3346078	3391901	1.54	cps
Scandium	45-2	268809	269937	265086	267944	0.95	cps
Selenium	82-1	54198	54975	55108	54760	0.90	cps
Selenium	77-2	4474	4387	4324	4395	1.71	cps
Selenium	78-2	15037	14704	14934	14892	1.15	cps
Silicon	28-1	21607727	21364060	21116507	21362764	1.15	cps
Silver	107-1	5438673	3925069	5030906	4798216	16.32	cps
Silver	109-1	5711744	4671885	3929327	4770985	18.77	cps
Sodium	23-2	46702011	46512702	46537604	46584106	0.22	cps
Strontium	86-1	11033290	10966050	10792895	10930745	1.13	cps
Strontium	88-1	95946040	94571883	93405246	94641056	1.34	cps
Sulfur	34-1	813776	800173	800160	804703	0.98	cps
Terbium	159-1	9798435	9931136	9728457	9819343	1.05	cps
Terbium	159-2	5609688	5577452	5616732	5601291	0.37	cps
Thallium	203-1	4272042	4309683	4287971	4289899	0.44	cps
Thallium	205-1	10950948	10971060	10947362	10956457	0.12	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04MSD	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:39:29	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	572	783	717	691	15.62	cps
Tin	118-1	3015046	3002495	3020687	3012743	0.31	cps
Titanium	47-1	3762799	3701871	3662198	3708956	1.37	cps
Uranium	238-1	15822287	16125676	16169087	16039017	1.18	cps
Vanadium	51-2	1083969	1086587	1074033	1081530	0.61	cps
Yttrium	89-1	10401589	10370908	10147669	10306722	1.34	cps
Yttrium	89-2	2214522	2221864	2220171	2218853	0.17	cps
Zinc	66-2	2591185	2614899	2598869	2601651	0.47	cps
Zirconium	90-1	5623942	5325110	5248145	5399066	3.68	cps
Zirconium	91-1	1209519	1185408	1178227	1191051	1.38	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1314321	1296436	1332026	1314261	1.35	cps
Antimony	121-1	3448447	3527215	3472327	3482663	1.16	cps
Arsenic	75-2	145730	146291	152344	148122	2.48	cps
Barium	135-1	4428222	4479918	4481588	4463243	0.68	cps
Barium	137-1	8121756	8222794	8134424	8159658	0.67	cps
Beryllium	9-1	697808	695933	697306	697016	0.14	cps
Bismuth	209-1	6327368	6324036	6396721	6349375	0.65	cps
Bismuth	209-2	4181406	4143521	4163873	4162934	0.46	cps
Boron	10-1	118771	118150	125340	120754	3.30	cps
Boron	11-1	548743	549199	578182	558708	3.02	cps
Bromine	81-1	31351	33991	37608	34317	9.15	cps
Bromine	81-2	5537	5717	5547	5600	1.81	cps
Cadmium	111-1	1454984	1400356	1423663	1426334	1.92	cps
Cadmium	106-1	105180	103038	103836	104018	1.04	cps
Cadmium	108-1	71059	71617	71860	71512	0.57	cps
Calcium	43-1	1698933	1713085	1712152	1708057	0.46	cps
Calcium	44-1	26927610	26802146	26695533	26808430	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1284711	1275717	1303567	1287998	1.10	cps
Cobalt	59-2	2000920	1999647	2035371	2011980	1.01	cps
Copper	63-2	15995075	15960122	16228069	16061089	0.91	cps
Dysprosium	156-1	450	342	367	386	14.69	cps
Dysprosium	156-2	213	293	207	238	20.28	cps
Erbium	164-1	242	225	175	214	16.22	cps
Erbium	164-2	147	220	167	178	21.32	cps
Gadolinium	160-1	417	425	367	403	7.83	cps
Gadolinium	160-2	350	330	320	333	4.58	cps
Holmium	165-1	9953612	9823051	9913351	9896671	0.68	cps
Holmium	165-2	5801615	5769995	5810927	5794179	0.37	cps
Indium	115-1	6513093	6531482	6542102	6528892	0.22	cps
Indium	115-2	1822515	1824690	1861706	1836303	1.20	cps
Iron	56-2	64160925	63031431	64747353	63979903	1.36	cps
Iron	57-2	1559550	1557465	1582096	1566370	0.87	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3469276	3421670	3511024	3467323	1.29	cps
Krypton	83-1	483	500	483	489	1.97	cps
Lead	206-1	19331293	19164012	19499882	19331729	0.87	cps
Lead	207-1	16965851	17095956	17275880	17112563	0.91	cps
Lead	208-1	77909068	77496415	78394478	77933320	0.58	cps
Lithium	6-1	2258854	2216216	2244540	2239870	0.97	cps
Magnesium	24-2	17034165	16816694	17151802	17000887	1.00	cps
Manganese	55-2	11229322	11011978	11321518	11187606	1.42	cps
Molybdenum	94-1	10585890	10643140	10546036	10591689	0.46	cps
Molybdenum	95-1	15197024	15252761	15192699	15214161	0.22	cps
Molybdenum	96-1	16542461	16634431	16611171	16596021	0.29	cps
Molybdenum	97-1	9419942	9528334	9506659	9484978	0.60	cps
Molybdenum	98-1	24307540	24444676	24578897	24443704	0.56	cps
Neodymium	150-1	473	520	420	471	10.62	cps
Neodymium	150-2	107	100	120	109	9.35	cps
Nickel	60-2	501936	499803	512291	504677	1.32	cps
Phosphorus	31-2	1325	1058	1258	1214	11.43	cps
Potassium	39-2	7257267	7020780	7275225	7184424	1.98	cps
Rhodium	103-1	5315668	5309462	5312521	5312550	0.06	cps
Rhodium	103-2	3146672	3155115	3211452	3171080	1.11	cps
Scandium	45-1	3364759	3379100	3342645	3362168	0.55	cps
Scandium	45-2	267999	264978	271124	268034	1.15	cps
Selenium	82-1	54667	54851	55181	54899	0.47	cps
Selenium	77-2	4397	4681	4247	4442	4.96	cps
Selenium	78-2	14743	15158	14693	14864	1.72	cps
Silicon	28-1	20921999	21404395	21376756	21234383	1.28	cps
Silver	107-1	5148075	4568631	4811262	4842656	6.01	cps
Silver	109-1	4797844	3794190	4757113	4449716	12.77	cps
Sodium	23-2	46784406	46366466	47755221	46968698	1.52	cps
Strontium	86-1	10783412	10745018	10912853	10813761	0.81	cps
Strontium	88-1	93694794	94119383	93782102	93865426	0.24	cps
Sulfur	34-1	805950	798457	802539	802316	0.47	cps
Terbium	159-1	9826624	9829572	9858767	9838321	0.18	cps
Terbium	159-2	5572177	5607071	5651163	5610137	0.71	cps
Thallium	203-1	4295905	4268872	4333074	4299284	0.75	cps
Thallium	205-1	11029795	10911913	10989499	10977069	0.55	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-04A	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:42:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	667	544	667	626	11.27	cps
Tin	118-1	2985502	3011009	3017966	3004826	0.57	cps
Titanium	47-1	3682256	3708735	3648506	3679832	0.82	cps
Uranium	238-1	16014213	16006499	15839761	15953491	0.62	cps
Vanadium	51-2	1078349	1067116	1096003	1080489	1.35	cps
Yttrium	89-1	10203894	10220099	10216724	10213572	0.08	cps
Yttrium	89-2	2208265	2194707	2223844	2208939	0.66	cps
Zinc	66-2	2602472	2600015	2649803	2617430	1.07	cps
Zirconium	90-1	5511255	5625904	5607278	5581479	1.10	cps
Zirconium	91-1	1174838	1191187	1190838	1185621	0.79	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6489288	6491862	6504403	6495184	0.12	cps
Antimony	121-1	3526535	3476612	3438127	3480425	1.27	cps
Arsenic	75-2	147314	147086	148910	147770	0.67	cps
Barium	135-1	4246673	4285178	4200096	4243982	1.00	cps
Barium	137-1	7790767	7793021	7676472	7753420	0.86	cps
Beryllium	9-1	700734	698190	693099	697341	0.56	cps
Bismuth	209-1	6187856	6245205	6217796	6216953	0.46	cps
Bismuth	209-2	3983724	4007638	4028477	4006613	0.56	cps
Boron	10-1	94661	99534	100675	98290	3.25	cps
Boron	11-1	446793	469491	475390	463891	3.25	cps
Bromine	81-1	8353	8444	8561	8453	1.24	cps
Bromine	81-2	400	370	250	340	23.35	cps
Cadmium	111-1	1421380	1411691	1415192	1416088	0.35	cps
Cadmium	106-1	109781	107480	110435	109232	1.42	cps
Cadmium	108-1	73526	72052	73124	72901	1.05	cps
Calcium	43-1	4579360	4567539	4520710	4555869	0.68	cps
Calcium	44-1	72198216	71728733	72373637	72100195	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1273909	1278569	1290998	1281159	0.69	cps
Cobalt	59-2	1928966	1947685	1961953	1946201	0.85	cps
Copper	63-2	14378807	14310122	14412924	14367284	0.36	cps
Dysprosium	156-1	725	808	850	794	8.01	cps
Dysprosium	156-2	593	563	567	574	2.86	cps
Erbium	164-1	217	275	300	264	16.21	cps
Erbium	164-2	167	117	143	142	17.59	cps
Gadolinium	160-1	858	733	858	817	8.84	cps
Gadolinium	160-2	690	570	683	648	10.41	cps
Holmium	165-1	10173147	10196856	10053431	10141144	0.76	cps
Holmium	165-2	5737617	5796509	5761228	5765118	0.51	cps
Indium	115-1	6574972	6546244	6530663	6550626	0.34	cps
Indium	115-2	1792032	1806253	1818637	1805641	0.74	cps
Iron	56-2	299619340	301508596	302478762	301202233	0.48	cps
Iron	57-2	7474893	7514512	7634471	7541292	1.10	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16251809	16266656	16379847	16299437	0.43	cps
Krypton	83-1	410	393	477	427	10.34	cps
Lead	206-1	18503518	18985570	18834853	18774647	1.31	cps
Lead	207-1	16389953	16518998	16410899	16439950	0.42	cps
Lead	208-1	74718942	75658755	74764682	75047460	0.71	cps
Lithium	6-1	2237897	2254771	2256972	2249880	0.46	cps
Magnesium	24-2	69094049	69235510	69349141	69226233	0.18	cps
Manganese	55-2	9892527	10049866	10100522	10014305	1.08	cps
Molybdenum	94-1	7037992	6839417	6846091	6907833	1.63	cps
Molybdenum	95-1	8453062	8344144	8285647	8360951	1.02	cps
Molybdenum	96-1	9323366	9276897	9183311	9261191	0.77	cps
Molybdenum	97-1	5076569	5035436	5003408	5038471	0.73	cps
Molybdenum	98-1	13603623	13372258	13407784	13461221	0.93	cps
Neodymium	150-1	393	513	487	464	13.57	cps
Neodymium	150-2	127	123	90	113	17.89	cps
Nickel	60-2	548142	553494	554371	552002	0.61	cps
Phosphorus	31-2	60038	62723	60372	61045	2.40	cps
Potassium	39-2	31694465	31905111	32234339	31944639	0.85	cps
Rhodium	103-1	5286924	5252657	5230075	5256552	0.54	cps
Rhodium	103-2	3053347	3065266	3067943	3062185	0.25	cps
Scandium	45-1	3457695	3420509	3396375	3424860	0.90	cps
Scandium	45-2	264654	267876	273412	268647	1.65	cps
Selenium	82-1	56589	57279	56478	56782	0.76	cps
Selenium	77-2	4467	4807	4417	4564	4.65	cps
Selenium	78-2	15354	15164	15202	15240	0.66	cps
Silicon	28-1	2422657	2509466	2536203	2489442	2.38	cps
Silver	107-1	4295789	4277493	4311924	4295068	0.40	cps
Silver	109-1	4164451	4119593	4104308	4129451	0.76	cps
Sodium	23-2	114759403	114954269	115579748	115097807	0.37	cps
Strontium	86-1	10607301	10658069	10490035	10585135	0.81	cps
Strontium	88-1	91447758	92096910	91251773	91598814	0.48	cps
Sulfur	34-1	614592	604518	597911	605673	1.39	cps
Terbium	159-1	10008122	10081116	9890860	9993366	0.96	cps
Terbium	159-2	5571082	5605863	5598445	5591797	0.33	cps
Thallium	203-1	4253642	4315371	4304459	4291157	0.77	cps
Thallium	205-1	10795889	11032787	11038539	10955738	1.26	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:46:33	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16984003	16965833	17136510	17028782	0.55	cps
Tin	118-1	3059130	3051388	3052460	3054326	0.14	cps
Titanium	47-1	2082782	2033679	2041354	2052605	1.29	cps
Uranium	238-1	16464376	16541640	16563286	16523101	0.31	cps
Vanadium	51-2	1057613	1068904	1083915	1070144	1.23	cps
Yttrium	89-1	10446517	10431535	10389199	10422417	0.29	cps
Yttrium	89-2	2204055	2220214	2235093	2219787	0.70	cps
Zinc	66-2	2357292	2355368	2377006	2363222	0.51	cps
Zirconium	90-1	6048366	5939951	5896124	5961480	1.31	cps
Zirconium	91-1	1291015	1282872	1271946	1281944	0.75	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 14:53:55 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	250	192	206	19.16	cps
Antimony	121-1	892	792	850	844	5.95	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	83	133	92	103	26.06	cps
Barium	137-1	167	267	242	225	23.13	cps
Beryllium	9-1	78	156	133	122	32.78	cps
Bismuth	209-1	6603001	6676490	6561027	6613506	0.88	cps
Bismuth	209-2	4393398	4412367	4430042	4411936	0.42	cps
Boron	10-1	3242	3050	3475	3256	6.54	cps
Boron	11-1	14824	15125	14866	14938	1.09	cps
Bromine	81-1	6985	7277	6802	7021	3.41	cps
Bromine	81-2	60	190	120	123	52.76	cps
Cadmium	111-1	3446	3158	3569	3391	6.21	cps
Cadmium	106-1	3651	3434	3909	3664	6.49	cps
Cadmium	108-1	42	38	25	35	24.98	cps
Calcium	43-1	225	167	92	161	41.49	cps
Calcium	44-1	5601	5426	5518	5515	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	850	837	790	826	3.82	cps
Cobalt	59-2	120	90	63	91	31.12	cps
Copper	63-2	1367	1270	1397	1345	4.92	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	92	67	42	67	37.50	cps
Erbium	164-2	30	47	30	36	27.07	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	103	150	133	129	18.35	cps
Holmium	165-1	10068714	10303696	9936665	10103025	1.84	cps
Holmium	165-2	5845741	5926593	5943115	5905150	0.88	cps
Indium	115-1	7109144	7245460	6965862	7106822	1.97	cps
Indium	115-2	2007214	2008507	2030956	2015559	0.66	cps
Iron	56-2	10693	10487	11021	10734	2.51	cps
Iron	57-2	339	383	350	357	6.47	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:53:55	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1031	1161	1181	1125	7.25	cps
Krypton	83-1	483	533	533	517	5.59	cps
Lead	206-1	2039	1811	1950	1934	5.94	cps
Lead	207-1	1783	1561	1706	1683	6.70	cps
Lead	208-1	7745	7495	7662	7634	1.67	cps
Lithium	6-1	2415372	2445830	2426099	2429100	0.64	cps
Magnesium	24-2	1542	1792	1925	1753	11.10	cps
Manganese	55-2	343	297	357	332	9.48	cps
Molybdenum	94-1	583	483	500	522	10.26	cps
Molybdenum	95-1	342	558	375	425	27.45	cps
Molybdenum	96-1	458	400	400	419	8.03	cps
Molybdenum	97-1	358	217	208	261	32.29	cps
Molybdenum	98-1	683	633	600	639	6.57	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	200	227	200	13.33	cps
Phosphorus	31-2	300	242	242	261	12.90	cps
Potassium	39-2	35610	37557	38843	37336	4.36	cps
Rhodium	103-1	6349912	6404931	6303613	6352819	0.80	cps
Rhodium	103-2	3519067	3527615	3549476	3532052	0.44	cps
Scandium	45-1	3688748	3725418	3644266	3686144	1.10	cps
Scandium	45-2	288362	289404	293314	290360	0.90	cps
Selenium	82-1	64	-37	-6	7	759.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	83	93	88	5.28	cps
Silicon	28-1	180441	180653	180947	180680	0.14	cps
Silver	107-1	1100	608	475	728	45.23	cps
Silver	109-1	967	358	5688	2338	124.80	cps
Sodium	23-2	33981	33647	34640	34089	1.48	cps
Strontium	86-1	1108	992	1067	1056	5.60	cps
Strontium	88-1	2125	2042	2217	2128	4.11	cps
Sulfur	34-1	329147	328821	329527	329165	0.11	cps
Terbium	159-1	10237258	10181947	10071138	10163447	0.83	cps
Terbium	159-2	5754298	5757436	5792394	5768043	0.37	cps
Thallium	203-1	533	625	458	539	15.49	cps
Thallium	205-1	1233	1208	1367	1270	6.71	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 14:53:55	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	761	611	706	693	10.95	cps
Tin	118-1	742	583	708	678	12.32	cps
Titanium	47-1	117	67	75	86	31.11	cps
Uranium	238-1	367	292	392	350	14.87	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	10947608	11228948	11009132	11061896	1.34	cps
Yttrium	89-2	2377441	2385869	2419805	2394372	0.94	cps
Zinc	66-2	467	493	583	514	11.88	cps
Zirconium	90-1	842	867	942	883	5.89	cps
Zirconium	91-1	175	117	233	175	33.33	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139279BL Instrumnet Name : P7
 Client Sample ID : PB139279BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 15:04:18 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	100	81	21.53	cps
Antimony	121-1	217	242	350	269	26.31	cps
Arsenic	75-2	4	2	6	4	50.09	cps
Barium	135-1	17	0	33	17	99.99	cps
Barium	137-1	17	17	50	28	69.27	cps
Beryllium	9-1	117	106	83	102	16.67	cps
Bismuth	209-1	6549347	6705727	6571337	6608803	1.28	cps
Bismuth	209-2	4442199	4476983	4484262	4467815	0.50	cps
Boron	10-1	1800	1800	1550	1717	8.41	cps
Boron	11-1	8853	8544	8294	8564	3.27	cps
Bromine	81-1	6960	6969	7127	7019	1.34	cps
Bromine	81-2	70	100	50	73	34.32	cps
Cadmium	111-1	3395	3641	3368	3468	4.33	cps
Cadmium	106-1	3709	4001	3726	3812	4.30	cps
Cadmium	108-1	8	8	42	19	99.00	cps
Calcium	43-1	133	108	58	100	38.19	cps
Calcium	44-1	3967	3942	3967	3959	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	727	770	730	742	3.25	cps
Cobalt	59-2	50	37	27	38	30.98	cps
Copper	63-2	810	833	807	817	1.78	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	92	75	72	29.04	cps
Erbium	164-2	30	30	43	34	22.34	cps
Gadolinium	160-1	33	67	58	53	32.87	cps
Gadolinium	160-2	137	110	140	129	12.76	cps
Holmium	165-1	10146548	10384554	10072870	10201324	1.60	cps
Holmium	165-2	5991647	6028734	6039178	6019853	0.41	cps
Indium	115-1	7218882	7292522	7126425	7212610	1.15	cps
Indium	115-2	2046245	2038988	2074471	2053235	0.91	cps
Iron	56-2	4073	4167	4106	4115	1.16	cps
Iron	57-2	133	144	250	176	36.60	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : PB139279BL Instrumnet Name : P7
 Client Sample ID : PB139279BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 15:04:18 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	961	731	981	891	15.61	cps
Krypton	83-1	520	537	517	524	2.04	cps
Lead	206-1	1378	1500	1356	1411	5.51	cps
Lead	207-1	1189	1306	1222	1239	4.85	cps
Lead	208-1	5417	6006	5250	5558	7.14	cps
Lithium	6-1	2477064	2503927	2437434	2472808	1.35	cps
Magnesium	24-2	392	267	308	322	19.75	cps
Manganese	55-2	77	80	67	74	9.32	cps
Molybdenum	94-1	308	225	258	264	15.89	cps
Molybdenum	95-1	50	83	83	72	26.65	cps
Molybdenum	96-1	75	125	108	103	24.77	cps
Molybdenum	97-1	25	75	50	50	50.00	cps
Molybdenum	98-1	125	100	150	125	20.00	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	150	167	173	163	7.36	cps
Phosphorus	31-2	433	275	325	344	23.50	cps
Potassium	39-2	35635	37164	36754	36518	2.17	cps
Rhodium	103-1	6556175	6481130	6343377	6460227	1.67	cps
Rhodium	103-2	3595990	3581326	3630171	3602496	0.70	cps
Scandium	45-1	3767897	3779661	3724056	3757205	0.78	cps
Scandium	45-2	297391	298165	300799	298785	0.60	cps
Selenium	82-1	3	-18	41	9	338.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	96	74	98	90	14.97	cps
Silicon	28-1	170072	163163	171253	168162	2.60	cps
Silver	107-1	500	208	150	286	65.54	cps
Silver	109-1	392	192	117	233	60.92	cps
Sodium	23-2	22259	22184	23051	22498	2.14	cps
Strontium	86-1	917	875	1050	947	9.65	cps
Strontium	88-1	258	225	250	244	7.10	cps
Sulfur	34-1	338281	332888	344377	338516	1.70	cps
Terbium	159-1	10217373	10381127	10146884	10248461	1.17	cps
Terbium	159-2	5829354	5870825	5891174	5863784	0.54	cps
Thallium	203-1	208	158	125	164	25.59	cps
Thallium	205-1	317	483	500	433	23.40	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BL	Instrumnet Name :	P7
Client Sample ID :	PB139279BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:04:18	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	94	178	167	146	30.93	cps
Tin	118-1	442	417	500	453	9.44	cps
Titanium	47-1	17	83	50	50	66.67	cps
Uranium	238-1	50	58	17	42	52.91	cps
Vanadium	51-2	10	13	0	8	89.21	cps
Yttrium	89-1	11298264	11350708	11118877	11255950	1.08	cps
Yttrium	89-2	2419932	2428920	2457917	2435590	0.82	cps
Zinc	66-2	340	433	390	388	12.04	cps
Zirconium	90-1	675	667	567	636	9.48	cps
Zirconium	91-1	100	150	117	122	20.83	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1327170	1306655	1332259	1322028	1.03	cps
Antimony	121-1	3577758	3593212	3617324	3596098	0.55	cps
Arsenic	75-2	148313	143701	146067	146027	1.58	cps
Barium	135-1	4284402	4305059	4303131	4297531	0.27	cps
Barium	137-1	7834933	7766524	7788989	7796815	0.45	cps
Beryllium	9-1	736208	726901	724230	729113	0.86	cps
Bismuth	209-1	6198754	6063813	6416852	6226473	2.86	cps
Bismuth	209-2	4365768	4623471	4250712	4413317	4.32	cps
Boron	10-1	91601	93211	94930	93247	1.79	cps
Boron	11-1	426831	436206	444947	435995	2.08	cps
Bromine	81-1	6268	6043	6135	6149	1.84	cps
Bromine	81-2	80	40	90	70	37.80	cps
Cadmium	111-1	1410069	1420783	1404128	1411660	0.60	cps
Cadmium	106-1	107664	110192	106623	108160	1.70	cps
Cadmium	108-1	72165	73145	71964	72425	0.87	cps
Calcium	43-1	975185	975696	974866	975249	0.04	cps
Calcium	44-1	15430404	15309530	15278081	15339338	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1327069	1293694	1312088	1310950	1.28	cps
Cobalt	59-2	2051323	2010780	2038916	2033673	1.02	cps
Copper	63-2	15061985	14702946	14789090	14851340	1.26	cps
Dysprosium	156-1	283	267	350	300	14.70	cps
Dysprosium	156-2	213	270	257	247	12.01	cps
Erbium	164-1	133	183	200	172	20.15	cps
Erbium	164-2	107	100	113	107	6.25	cps
Gadolinium	160-1	308	317	242	289	14.23	cps
Gadolinium	160-2	273	300	310	294	6.44	cps
Holmium	165-1	9708443	9348865	9997724	9685011	3.36	cps
Holmium	165-2	6432501	6660978	5875325	6322935	6.39	cps
Indium	115-1	6575694	6285706	6735205	6532202	3.49	cps
Indium	115-2	1952041	2042564	1907730	1967445	3.49	cps
Iron	56-2	63211211	61964417	62396015	62523881	1.01	cps
Iron	57-2	1532716	1514204	1527320	1524747	0.62	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3439187	3357239	3420830	3405752	1.26	cps
Krypton	83-1	497	570	433	500	13.68	cps
Lead	206-1	19342814	19217163	19391596	19317191	0.47	cps
Lead	207-1	16935917	16841344	17021353	16932871	0.53	cps
Lead	208-1	77103203	77394927	77131561	77209897	0.21	cps
Lithium	6-1	2267697	2219523	2278024	2255081	1.38	cps
Magnesium	24-2	14474907	14223384	14232816	14310369	1.00	cps
Manganese	55-2	10046152	9806583	9993298	9948677	1.27	cps
Molybdenum	94-1	6978432	7004131	6944747	6975770	0.43	cps
Molybdenum	95-1	8424659	8563978	8474521	8487719	0.83	cps
Molybdenum	96-1	9352105	9385337	9339093	9358845	0.25	cps
Molybdenum	97-1	5118049	5115878	5098974	5110967	0.20	cps
Molybdenum	98-1	13531437	13574797	13639083	13581772	0.40	cps
Neodymium	150-1	453	500	613	522	15.76	cps
Neodymium	150-2	107	130	137	124	12.66	cps
Nickel	60-2	517513	508860	517033	514469	0.95	cps
Phosphorus	31-2	63251	62305	61225	62260	1.63	cps
Potassium	39-2	6535731	6338077	6450931	6441580	1.54	cps
Rhodium	103-1	5360763	5182925	5479964	5341217	2.80	cps
Rhodium	103-2	3397634	3567773	3291074	3418827	4.08	cps
Scandium	45-1	3399898	3283150	3471934	3384994	2.81	cps
Scandium	45-2	286111	301464	276966	288180	4.30	cps
Selenium	82-1	57479	57929	57133	57514	0.69	cps
Selenium	77-2	4617	4281	4501	4466	3.83	cps
Selenium	78-2	14969	15477	15080	15175	1.76	cps
Silicon	28-1	2159154	2223828	2253668	2212217	2.18	cps
Silver	107-1	4385286	4382813	4343561	4370553	0.54	cps
Silver	109-1	4187544	4209043	4189670	4195419	0.28	cps
Sodium	23-2	24402273	23696502	24184608	24094461	1.50	cps
Strontium	86-1	10747661	10810391	10753295	10770449	0.32	cps
Strontium	88-1	94276004	95003375	93734798	94338059	0.67	cps
Sulfur	34-1	642402	629159	632778	634780	1.08	cps
Terbium	159-1	9718524	9280776	9965659	9654987	3.59	cps
Terbium	159-2	5820695	6504187	5756371	6027084	6.88	cps
Thallium	203-1	4371338	4351071	4398545	4373652	0.54	cps
Thallium	205-1	11118949	11132064	11186309	11145774	0.32	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	PB139279BS	Instrumnet Name :	P7
Client Sample ID :	PB139279BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:07:26	DataFile Name :	080LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16779897	16819958	16621902	16740586	0.63	cps
Tin	118-1	3022534	3041541	3018775	3027617	0.40	cps
Titanium	47-1	2100319	2079243	2080745	2086769	0.56	cps
Uranium	238-1	15693088	15728926	15727023	15716346	0.13	cps
Vanadium	51-2	1105073	1082296	1084786	1090718	1.15	cps
Yttrium	89-1	10226098	9892412	10409658	10176056	2.58	cps
Yttrium	89-2	2358504	2440174	2285501	2361393	3.28	cps
Zinc	66-2	2475587	2426826	2450529	2450981	0.99	cps
Zirconium	90-1	5796421	5829602	5737005	5787676	0.81	cps
Zirconium	91-1	1249327	1244196	1242695	1245406	0.28	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29702	28285	26760	28249	5.21	cps
Antimony	121-1	3442	3851	3526	3606	5.99	cps
Arsenic	75-2	1815	1663	1763	1747	4.42	cps
Barium	135-1	173502	176903	177441	175948	1.21	cps
Barium	137-1	304089	308526	306735	306450	0.73	cps
Beryllium	9-1	161	250	194	202	22.25	cps
Bismuth	209-1	6576644	6633448	6740513	6650202	1.25	cps
Bismuth	209-2	4393493	4406138	4396928	4398853	0.15	cps
Boron	10-1	25388	25547	26006	25647	1.25	cps
Boron	11-1	116932	116900	123198	119010	3.05	cps
Bromine	81-1	23879	27944	30574	27466	12.28	cps
Bromine	81-2	4085	4876	4976	4646	10.51	cps
Cadmium	111-1	3608	4062	3683	3784	6.44	cps
Cadmium	106-1	3651	4142	3784	3859	6.59	cps
Cadmium	108-1	46	33	54	44	23.60	cps
Calcium	43-1	813266	826210	812897	817458	0.93	cps
Calcium	44-1	12960454	13084214	12992289	13012319	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9933	10097	9990	10007	0.83	cps
Cobalt	59-2	7332	7302	7222	7285	0.78	cps
Copper	63-2	33655	33929	34394	33993	1.10	cps
Dysprosium	156-1	1092	1283	1275	1217	8.90	cps
Dysprosium	156-2	697	600	680	659	7.84	cps
Erbium	164-1	1108	1217	1325	1217	8.90	cps
Erbium	164-2	590	660	710	653	9.23	cps
Gadolinium	160-1	1175	1058	1242	1158	8.01	cps
Gadolinium	160-2	843	790	783	806	4.08	cps
Holmium	165-1	10102834	10192166	10423057	10239352	1.61	cps
Holmium	165-2	5966585	5995823	5985519	5982642	0.25	cps
Indium	115-1	6849694	6996202	7104161	6983352	1.83	cps
Indium	115-2	1974411	1978852	1995346	1982870	0.56	cps
Iron	56-2	12747635	12763294	12741207	12750712	0.09	cps
Iron	57-2	315347	317331	315555	316078	0.34	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	693126	685673	685635	688144	0.63	cps
Krypton	83-1	467	463	500	477	4.25	cps
Lead	206-1	21184	21401	21250	21278	0.52	cps
Lead	207-1	17762	17734	17751	17749	0.08	cps
Lead	208-1	81341	81887	81776	81668	0.35	cps
Lithium	6-1	2348803	2348908	2373231	2356981	0.60	cps
Magnesium	24-2	2718054	2701675	2725124	2714951	0.44	cps
Manganese	55-2	3048709	3040759	3060980	3050149	0.33	cps
Molybdenum	94-1	5785	5918	5726	5810	1.69	cps
Molybdenum	95-1	8661	8128	8102	8297	3.80	cps
Molybdenum	96-1	9161	9237	9061	9153	0.96	cps
Molybdenum	97-1	5318	5101	4751	5057	5.66	cps
Molybdenum	98-1	13415	13415	13515	13448	0.43	cps
Neodymium	150-1	1340	1247	1360	1316	4.60	cps
Neodymium	150-2	580	627	717	641	10.84	cps
Nickel	60-2	4334	4838	4564	4579	5.51	cps
Phosphorus	31-2	2967	3050	3217	3078	4.14	cps
Potassium	39-2	1863795	1841691	1851373	1852286	0.60	cps
Rhodium	103-1	5649952	5770867	6201541	5874120	4.94	cps
Rhodium	103-2	3436191	3428805	3442708	3435901	0.20	cps
Scandium	45-1	3516761	3595171	3627916	3579949	1.60	cps
Scandium	45-2	281659	284105	285929	283898	0.75	cps
Selenium	82-1	36	75	19	43	67.09	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	81	107	78	89	18.16	cps
Silicon	28-1	24221870	24723226	24443426	24462841	1.03	cps
Silver	107-1	1125	908	817	950	16.67	cps
Silver	109-1	1050	892	825	922	12.53	cps
Sodium	23-2	13807490	13582960	13746848	13712433	0.85	cps
Strontium	86-1	526983	535588	536090	532887	0.96	cps
Strontium	88-1	4665102	4690133	4674652	4676629	0.27	cps
Sulfur	34-1	753459	763205	757300	757988	0.65	cps
Terbium	159-1	10128032	10156498	10342334	10208955	1.14	cps
Terbium	159-2	5783562	5805241	5806984	5798596	0.23	cps
Thallium	203-1	2059	1800	1642	1834	11.47	cps
Thallium	205-1	5109	4009	3684	4267	17.51	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:10:23	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8347	6313	5429	6696	22.35	cps
Tin	118-1	4209	3709	4084	4001	6.51	cps
Titanium	47-1	7235	6960	6860	7019	2.77	cps
Uranium	238-1	7794	7294	7744	7611	3.62	cps
Vanadium	51-2	4411	4101	4297	4270	3.67	cps
Yttrium	89-1	10692498	10967317	10859757	10839857	1.28	cps
Yttrium	89-2	2335682	2354729	2380519	2356977	0.95	cps
Zinc	66-2	42498	42087	42007	42197	0.62	cps
Zirconium	90-1	4260	3401	3267	3642	14.79	cps
Zirconium	91-1	875	808	642	775	15.51	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6394	5276	6711	6127	12.30	cps
Antimony	121-1	1517	1617	1667	1600	4.77	cps
Arsenic	75-2	252	324	237	271	17.18	cps
Barium	135-1	127225	127386	128177	127596	0.40	cps
Barium	137-1	225443	222473	230442	226120	1.78	cps
Beryllium	9-1	150	89	83	107	34.44	cps
Bismuth	209-1	6513705	6671934	6776732	6654124	1.99	cps
Bismuth	209-2	4298857	4342224	4306121	4315734	0.54	cps
Boron	10-1	26649	28778	29479	28302	5.21	cps
Boron	11-1	126475	134416	139599	133497	4.95	cps
Bromine	81-1	34484	40574	44018	39692	12.16	cps
Bromine	81-2	6538	6608	7199	6782	5.35	cps
Cadmium	111-1	4129	3613	3601	3781	7.97	cps
Cadmium	106-1	4259	3934	3934	4042	4.64	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	873567	878262	867746	873192	0.60	cps
Calcium	44-1	13984558	13940537	13900560	13941885	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3264	3020	3084	3123	4.04	cps
Cobalt	59-2	1513	1417	1490	1473	3.42	cps
Copper	63-2	4387	4287	4444	4373	1.81	cps
Dysprosium	156-1	225	242	158	208	21.17	cps
Dysprosium	156-2	100	133	77	103	27.56	cps
Erbium	164-1	242	275	183	233	19.88	cps
Erbium	164-2	153	133	130	139	9.09	cps
Gadolinium	160-1	167	283	300	250	29.06	cps
Gadolinium	160-2	187	240	267	231	17.63	cps
Holmium	165-1	10380623	10278655	10401573	10353617	0.64	cps
Holmium	165-2	5945749	5945426	5958914	5950030	0.13	cps
Indium	115-1	7107352	7104795	7174079	7128742	0.55	cps
Indium	115-2	1962688	1977455	1985651	1975265	0.59	cps
Iron	56-2	2124115	2144426	2150809	2139783	0.65	cps
Iron	57-2	59961	59559	60173	59898	0.52	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	116809	117866	119209	117961	1.02	cps
Krypton	83-1	537	413	547	499	14.89	cps
Lead	206-1	4051	3973	4040	4021	1.05	cps
Lead	207-1	3250	3489	3312	3350	3.71	cps
Lead	208-1	15187	15226	15960	15457	2.82	cps
Lithium	6-1	2352434	2396350	2417085	2388623	1.38	cps
Magnesium	24-2	4957124	5020498	4964642	4980755	0.70	cps
Manganese	55-2	1060935	1070018	1071369	1067441	0.53	cps
Molybdenum	94-1	2284	2259	2075	2206	5.16	cps
Molybdenum	95-1	3034	2784	2934	2917	4.31	cps
Molybdenum	96-1	3317	3526	3309	3384	3.63	cps
Molybdenum	97-1	1884	1900	1809	1864	2.62	cps
Molybdenum	98-1	4501	5159	4834	4832	6.82	cps
Neodymium	150-1	140	120	160	140	14.29	cps
Neodymium	150-2	53	80	93	76	26.96	cps
Nickel	60-2	1537	1540	1623	1567	3.13	cps
Phosphorus	31-2	1292	1300	1275	1289	0.99	cps
Potassium	39-2	854635	848380	866974	856663	1.10	cps
Rhodium	103-1	6186866	6187346	5871226	6081813	3.00	cps
Rhodium	103-2	3395421	3402398	3429988	3409269	0.54	cps
Scandium	45-1	3645770	3658166	3655806	3653247	0.18	cps
Scandium	45-2	282516	286172	286890	285193	0.82	cps
Selenium	82-1	25	118	-12	44	153.47	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	80	115	83	93	20.88	cps
Silicon	28-1	21312827	21579694	21389690	21427403	0.64	cps
Silver	107-1	2534	192	275	1000	132.87	cps
Silver	109-1	150	125	158	144	12.01	cps
Sodium	23-2	25460124	25501503	25598328	25519985	0.28	cps
Strontium	86-1	455796	458125	452172	455365	0.66	cps
Strontium	88-1	3972933	4022271	3852440	3949215	2.21	cps
Sulfur	34-1	1050252	1059708	1062021	1057327	0.59	cps
Terbium	159-1	10222086	10423357	10491179	10378874	1.35	cps
Terbium	159-2	5773463	5788515	5804220	5788732	0.27	cps
Thallium	203-1	525	558	558	547	3.52	cps
Thallium	205-1	1375	1242	1317	1311	5.10	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:13:31	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1150	1283	1045	1159	10.33	cps
Tin	118-1	1458	1458	1392	1436	2.68	cps
Titanium	47-1	5604	1575	1984	3054	72.60	cps
Uranium	238-1	5927	6110	6185	6074	2.19	cps
Vanadium	51-2	2200	2244	2120	2188	2.86	cps
Yttrium	89-1	10965279	11058951	10560061	10861430	2.44	cps
Yttrium	89-2	2326307	2348000	2366935	2347081	0.87	cps
Zinc	66-2	7402	7886	7772	7687	3.29	cps
Zirconium	90-1	1717	1784	1183	1561	21.07	cps
Zirconium	91-1	267	317	300	294	8.65	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	234059	228754	230274	231029	1.18	cps
Antimony	121-1	3734	4301	4326	4120	8.12	cps
Arsenic	75-2	2685	2595	2660	2647	1.77	cps
Barium	135-1	376935	381730	387918	382194	1.44	cps
Barium	137-1	664373	665579	675964	668638	0.95	cps
Beryllium	9-1	700	428	611	580	23.95	cps
Bismuth	209-1	6658178	6644488	6735822	6679496	0.74	cps
Bismuth	209-2	4393529	4407397	4426136	4409021	0.37	cps
Boron	10-1	24645	26031	25213	25296	2.75	cps
Boron	11-1	118916	121619	123300	121278	1.82	cps
Bromine	81-1	28312	30541	32562	30472	6.98	cps
Bromine	81-2	4345	4415	4615	4459	3.15	cps
Cadmium	111-1	4539	4558	4694	4597	1.83	cps
Cadmium	106-1	4142	4234	4326	4234	2.17	cps
Cadmium	108-1	67	92	79	79	15.79	cps
Calcium	43-1	855102	861042	881078	865741	1.57	cps
Calcium	44-1	13807796	13671783	13789903	13756494	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79563	79261	79016	79280	0.35	cps
Cobalt	59-2	18472	18368	18505	18448	0.39	cps
Copper	63-2	136304	136714	136896	136638	0.22	cps
Dysprosium	156-1	7202	7486	8003	7563	5.37	cps
Dysprosium	156-2	4824	4661	4464	4650	3.88	cps
Erbium	164-1	7286	7319	7752	7452	3.50	cps
Erbium	164-2	4367	4284	4521	4391	2.73	cps
Gadolinium	160-1	7135	7702	7552	7463	3.94	cps
Gadolinium	160-2	5131	4954	5064	5050	1.77	cps
Holmium	165-1	10531049	10418920	10398657	10449542	0.68	cps
Holmium	165-2	6034896	6011441	6037517	6027951	0.24	cps
Indium	115-1	7113412	7155251	7074454	7114372	0.57	cps
Indium	115-2	1986246	1993375	2003817	1994479	0.44	cps
Iron	56-2	55681580	55412029	55670507	55588039	0.27	cps
Iron	57-2	1365165	1364200	1360587	1363317	0.18	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2998952	3007751	2996185	3000963	0.20	cps
Krypton	83-1	510	480	443	478	6.99	cps
Lead	206-1	240995	242432	247796	243741	1.47	cps
Lead	207-1	197401	201061	203749	200737	1.59	cps
Lead	208-1	921436	936646	945753	934612	1.31	cps
Lithium	6-1	2350165	2380577	2363337	2364693	0.64	cps
Magnesium	24-2	2881217	2862835	2878147	2874066	0.34	cps
Manganese	55-2	3748077	3733519	3764895	3748830	0.42	cps
Molybdenum	94-1	6827	6819	7494	7046	5.50	cps
Molybdenum	95-1	9587	9579	9562	9576	0.13	cps
Molybdenum	96-1	10779	10671	10212	10554	2.85	cps
Molybdenum	97-1	5785	6193	5993	5990	3.41	cps
Molybdenum	98-1	15500	15259	15367	15375	0.79	cps
Neodymium	150-1	8576	8349	8309	8412	1.71	cps
Neodymium	150-2	4427	4284	4171	4294	3.00	cps
Nickel	60-2	22644	22814	23666	23041	2.38	cps
Phosphorus	31-2	17469	18245	19121	18278	4.52	cps
Potassium	39-2	1936062	1927953	1950357	1938124	0.59	cps
Rhodium	103-1	6134950	6217931	6230923	6194602	0.84	cps
Rhodium	103-2	3464447	3447573	3468634	3460218	0.32	cps
Scandium	45-1	3630630	3635376	3648418	3638141	0.25	cps
Scandium	45-2	287326	288148	292225	289233	0.91	cps
Selenium	82-1	67	10	83	53	71.71	cps
Selenium	77-2	20	13	17	17	20.01	cps
Selenium	78-2	104	109	93	102	8.33	cps
Silicon	28-1	30269193	29799600	30352399	30140397	0.99	cps
Silver	107-1	1825	1450	1350	1542	16.24	cps
Silver	109-1	1433	1759	1633	1608	10.19	cps
Sodium	23-2	14088106	13911362	14112287	14037252	0.78	cps
Strontium	86-1	565285	571524	573713	570174	0.77	cps
Strontium	88-1	4937667	4962603	5011261	4970510	0.75	cps
Sulfur	34-1	758378	763012	765051	762147	0.45	cps
Terbium	159-1	10417235	10378555	10409101	10401631	0.20	cps
Terbium	159-2	5842905	5832845	5860601	5845450	0.24	cps
Thallium	203-1	442	342	442	408	14.14	cps
Thallium	205-1	1000	933	1133	1022	9.96	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:16:39	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	6024	6074	6808	6302	6.96	cps
Tin	118-1	6652	7135	6777	6855	3.66	cps
Titanium	47-1	29005	28195	31416	29539	5.67	cps
Uranium	238-1	11597	12231	11439	11756	3.57	cps
Vanadium	51-2	21122	21346	21142	21203	0.58	cps
Yttrium	89-1	11159436	10941152	11070704	11057097	0.99	cps
Yttrium	89-2	2381248	2376802	2411577	2389875	0.79	cps
Zinc	66-2	96267	97740	98717	97575	1.26	cps
Zirconium	90-1	4059	5277	4226	4521	14.61	cps
Zirconium	91-1	992	1000	1083	1025	4.95	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10515	8203	8153	8957	15.07	cps
Antimony	121-1	1358	1433	1558	1450	6.97	cps
Arsenic	75-2	239	250	280	256	8.22	cps
Barium	135-1	115729	115795	115954	115826	0.10	cps
Barium	137-1	206021	205931	204331	205428	0.46	cps
Beryllium	9-1	83	56	50	63	28.36	cps
Bismuth	209-1	6519171	7536536	7792774	7282827	9.25	cps
Bismuth	209-2	4441692	4492015	4469290	4467665	0.56	cps
Boron	10-1	24428	26357	26123	25636	4.10	cps
Boron	11-1	119284	125852	125467	123535	2.98	cps
Bromine	81-1	30349	35645	36973	34322	10.21	cps
Bromine	81-2	5777	5807	5737	5774	0.61	cps
Cadmium	111-1	3832	4003	4112	3982	3.55	cps
Cadmium	106-1	4201	4401	4526	4376	3.75	cps
Cadmium	108-1	29	38	42	36	17.62	cps
Calcium	43-1	831312	825890	823005	826736	0.51	cps
Calcium	44-1	13184681	13074277	13061838	13106932	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2570	2620	2567	2586	1.16	cps
Cobalt	59-2	757	700	690	716	5.02	cps
Copper	63-2	4771	4858	4787	4805	0.96	cps
Dysprosium	156-1	192	192	100	161	32.85	cps
Dysprosium	156-2	80	113	70	88	25.85	cps
Erbium	164-1	142	225	217	194	23.60	cps
Erbium	164-2	127	157	107	130	19.36	cps
Gadolinium	160-1	317	300	192	269	25.19	cps
Gadolinium	160-2	297	260	207	254	17.79	cps
Holmium	165-1	10051824	10885316	11342962	10760034	6.08	cps
Holmium	165-2	6101947	6144398	6148271	6131539	0.42	cps
Indium	115-1	6984171	7491798	7788029	7421333	5.48	cps
Indium	115-2	2039030	2021438	2038168	2032879	0.49	cps
Iron	56-2	493895	487721	488654	490090	0.68	cps
Iron	57-2	18523	18395	19013	18643	1.75	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27063	27895	26631	27196	2.36	cps
Krypton	83-1	503	500	477	493	2.95	cps
Lead	206-1	3317	3239	3184	3247	2.06	cps
Lead	207-1	2511	2589	2573	2558	1.60	cps
Lead	208-1	12619	12408	12480	12503	0.86	cps
Lithium	6-1	2346510	2468092	2553835	2456146	4.24	cps
Magnesium	24-2	3501980	3466843	3517636	3495486	0.74	cps
Manganese	55-2	276335	274709	277504	276183	0.51	cps
Molybdenum	94-1	1800	1458	1850	1703	12.52	cps
Molybdenum	95-1	2492	2450	2459	2467	0.89	cps
Molybdenum	96-1	2525	2750	2659	2645	4.28	cps
Molybdenum	97-1	1533	1642	1400	1525	7.94	cps
Molybdenum	98-1	3659	3992	4101	3917	5.88	cps
Neodymium	150-1	227	147	247	207	25.61	cps
Neodymium	150-2	67	77	87	77	13.04	cps
Nickel	60-2	993	1053	967	1004	4.42	cps
Phosphorus	31-2	1083	967	1258	1103	13.31	cps
Potassium	39-2	820986	804719	808649	811451	1.05	cps
Rhodium	103-1	6080404	6495175	6849421	6475000	5.94	cps
Rhodium	103-2	3526308	3516366	3522800	3521825	0.14	cps
Scandium	45-1	3595642	3817976	4023121	3812246	5.61	cps
Scandium	45-2	297365	292325	296142	295277	0.89	cps
Selenium	82-1	51	52	78	60	25.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	96	91	91	6.12	cps
Silicon	28-1	20289264	20029487	20084791	20134514	0.68	cps
Silver	107-1	175	142	142	153	12.60	cps
Silver	109-1	75	108	150	111	33.82	cps
Sodium	23-2	25437806	25087998	25372330	25299378	0.74	cps
Strontium	86-1	430220	429257	426048	428508	0.51	cps
Strontium	88-1	3738419	3707417	3717088	3720975	0.43	cps
Sulfur	34-1	867999	855455	855412	859622	0.84	cps
Terbium	159-1	10018656	10752893	11305462	10692337	6.04	cps
Terbium	159-2	5921773	5959300	5963749	5948274	0.39	cps
Thallium	203-1	208	242	192	214	11.90	cps
Thallium	205-1	492	450	658	533	20.67	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:19:46	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	750	678	600	676	11.11	cps
Tin	118-1	1292	1317	1358	1322	2.55	cps
Titanium	47-1	1884	1742	2084	1903	9.02	cps
Uranium	238-1	4643	5218	4801	4887	6.08	cps
Vanadium	51-2	3540	3327	3210	3359	4.98	cps
Yttrium	89-1	10864892	11427327	11970281	11420834	4.84	cps
Yttrium	89-2	2419969	2402563	2425035	2415856	0.49	cps
Zinc	66-2	14724	15145	14954	14941	1.41	cps
Zirconium	90-1	1225	1275	1692	1397	18.35	cps
Zirconium	91-1	192	308	200	233	27.90	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10688	10529	11272	10830	3.61	cps
Antimony	121-1	767	692	892	783	12.90	cps
Arsenic	75-2	181	165	154	167	8.39	cps
Barium	135-1	76635	77926	79048	77870	1.55	cps
Barium	137-1	136051	135858	138155	136688	0.93	cps
Beryllium	9-1	94	122	89	102	17.53	cps
Bismuth	209-1	7254606	7277725	7303853	7278728	0.34	cps
Bismuth	209-2	4412375	4430980	4475985	4439780	0.74	cps
Boron	10-1	9687	10337	10229	10084	3.46	cps
Boron	11-1	47793	46313	47567	47224	1.69	cps
Bromine	81-1	29898	34342	34191	32810	7.69	cps
Bromine	81-2	5797	5016	5647	5487	7.55	cps
Cadmium	111-1	3864	3829	3930	3874	1.32	cps
Cadmium	106-1	4251	4226	4309	4262	1.00	cps
Cadmium	108-1	29	8	25	21	52.93	cps
Calcium	43-1	504673	515052	506244	508656	1.10	cps
Calcium	44-1	7915324	8060197	8118280	8031267	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3010	2830	2854	2898	3.38	cps
Cobalt	59-2	683	607	670	653	6.27	cps
Copper	63-2	5101	4848	5104	5018	2.94	cps
Dysprosium	156-1	283	267	342	297	13.25	cps
Dysprosium	156-2	213	227	183	208	10.68	cps
Erbium	164-1	317	417	300	344	18.32	cps
Erbium	164-2	200	250	190	213	15.07	cps
Gadolinium	160-1	367	367	300	344	11.18	cps
Gadolinium	160-2	307	367	370	348	10.25	cps
Holmium	165-1	10369412	10515760	10446543	10443905	0.70	cps
Holmium	165-2	6052353	6055486	6114629	6074156	0.58	cps
Indium	115-1	7174464	7256333	7250165	7226988	0.63	cps
Indium	115-2	2039572	2027157	2059405	2042045	0.80	cps
Iron	56-2	468315	454992	466821	463376	1.58	cps
Iron	57-2	15230	15771	15403	15468	1.78	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	25509	25799	25538	25615	0.62	cps
Krypton	83-1	480	490	503	491	2.38	cps
Lead	206-1	3145	3050	3067	3087	1.63	cps
Lead	207-1	2445	2545	2606	2532	3.21	cps
Lead	208-1	11552	11280	11530	11454	1.32	cps
Lithium	6-1	2431254	2420440	2396808	2416168	0.73	cps
Magnesium	24-2	2824124	2797958	2843641	2821908	0.81	cps
Manganese	55-2	51801	50366	51416	51194	1.45	cps
Molybdenum	94-1	1533	1525	1659	1572	4.75	cps
Molybdenum	95-1	2025	1967	2309	2100	8.70	cps
Molybdenum	96-1	2150	2417	2342	2303	5.97	cps
Molybdenum	97-1	1425	1225	1267	1306	8.08	cps
Molybdenum	98-1	3717	3334	3567	3539	5.46	cps
Neodymium	150-1	307	393	393	364	13.73	cps
Neodymium	150-2	207	137	163	169	20.92	cps
Nickel	60-2	1073	1087	1120	1093	2.20	cps
Phosphorus	31-2	408	517	408	444	14.07	cps
Potassium	39-2	655066	646884	658635	653528	0.92	cps
Rhodium	103-1	6249584	6402024	6351658	6334422	1.23	cps
Rhodium	103-2	3543093	3518031	3586311	3549145	0.97	cps
Scandium	45-1	3650031	3744487	3739477	3711331	1.43	cps
Scandium	45-2	296643	294516	302428	297862	1.37	cps
Selenium	82-1	67	52	62	60	12.64	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	93	100	83	92	9.08	cps
Silicon	28-1	9604437	9720100	9663667	9662735	0.60	cps
Silver	107-1	167	150	108	142	21.21	cps
Silver	109-1	150	158	125	144	12.01	cps
Sodium	23-2	13805626	13748916	13914381	13822974	0.61	cps
Strontium	86-1	315980	317779	317125	316962	0.29	cps
Strontium	88-1	2742951	2765632	2773936	2760840	0.58	cps
Sulfur	34-1	474444	482001	480102	478849	0.82	cps
Terbium	159-1	10391548	10343160	10528207	10420972	0.92	cps
Terbium	159-2	5884126	5900253	5919789	5901389	0.30	cps
Thallium	203-1	225	267	117	203	38.19	cps
Thallium	205-1	433	483	450	456	5.59	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	M3835-11	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:22:54	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1167	989	800	985	18.61	cps
Tin	118-1	1308	1183	1267	1253	5.08	cps
Titanium	47-1	2367	2525	2317	2403	4.53	cps
Uranium	238-1	8411	8603	8653	8556	1.49	cps
Vanadium	51-2	2084	1957	2214	2085	6.16	cps
Yttrium	89-1	11048093	11236806	11357310	11214070	1.39	cps
Yttrium	89-2	2450391	2395604	2468476	2438157	1.56	cps
Zinc	66-2	12829	12899	13186	12971	1.46	cps
Zirconium	90-1	1267	950	1067	1095	14.64	cps
Zirconium	91-1	200	117	208	175	28.97	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6676837	6522123	6534116	6577692	1.31	cps
Antimony	121-1	3500814	3500754	3466348	3489305	0.57	cps
Arsenic	75-2	151529	150491	148487	150169	1.03	cps
Barium	135-1	4247824	4231791	4223522	4234379	0.29	cps
Barium	137-1	7828431	7798772	7731740	7786314	0.64	cps
Beryllium	9-1	709209	708162	701280	706217	0.61	cps
Bismuth	209-1	6281647	6248410	6248931	6259663	0.30	cps
Bismuth	209-2	4028922	3976797	4069025	4024915	1.15	cps
Boron	10-1	95382	99274	100633	98429	2.77	cps
Boron	11-1	444665	453468	466222	454785	2.38	cps
Bromine	81-1	9003	9328	8369	8900	5.48	cps
Bromine	81-2	420	360	300	360	16.67	cps
Cadmium	111-1	1444558	1443077	1428700	1438778	0.61	cps
Cadmium	106-1	113551	113535	110100	112396	1.77	cps
Cadmium	108-1	73907	74338	73493	73913	0.57	cps
Calcium	43-1	4747158	4633547	4610479	4663728	1.57	cps
Calcium	44-1	74235247	72274881	72829158	73113095	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1299399	1290081	1293681	1294387	0.36	cps
Cobalt	59-2	1985199	1987344	1970003	1980849	0.48	cps
Copper	63-2	14764348	14647590	14509941	14640626	0.87	cps
Dysprosium	156-1	825	825	808	819	1.17	cps
Dysprosium	156-2	547	547	697	597	14.51	cps
Erbium	164-1	283	175	183	214	28.18	cps
Erbium	164-2	103	187	123	138	31.58	cps
Gadolinium	160-1	767	733	842	781	7.11	cps
Gadolinium	160-2	733	693	710	712	2.82	cps
Holmium	165-1	10316743	10144032	10306811	10255862	0.95	cps
Holmium	165-2	5834990	5798264	5886829	5840028	0.76	cps
Indium	115-1	6721323	6612521	6574186	6636010	1.15	cps
Indium	115-2	1841132	1839503	1820554	1833730	0.62	cps
Iron	56-2	303096896	301838162	305438940	303457999	0.60	cps
Iron	57-2	7600585	7643950	7545193	7596576	0.65	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16687868	16574083	16445908	16569286	0.73	cps
Krypton	83-1	450	487	460	466	4.07	cps
Lead	206-1	18844093	18765116	19065538	18891583	0.82	cps
Lead	207-1	16549335	16376068	16417492	16447632	0.55	cps
Lead	208-1	75587916	74753354	75472068	75271113	0.60	cps
Lithium	6-1	2311453	2273223	2281871	2288849	0.88	cps
Magnesium	24-2	70020843	70068574	69719791	69936403	0.27	cps
Manganese	55-2	10105552	10070807	10030582	10068980	0.37	cps
Molybdenum	94-1	7138510	7034489	6983148	7052049	1.12	cps
Molybdenum	95-1	8642668	8489032	8401868	8511189	1.43	cps
Molybdenum	96-1	9599065	9461854	9292123	9451014	1.63	cps
Molybdenum	97-1	5164232	5138872	5072290	5125131	0.93	cps
Molybdenum	98-1	13843970	13600531	13524315	13656272	1.22	cps
Neodymium	150-1	413	513	500	476	11.42	cps
Neodymium	150-2	123	113	97	111	12.12	cps
Nickel	60-2	562685	563562	553801	560016	0.96	cps
Phosphorus	31-2	62539	61904	61250	61898	1.04	cps
Potassium	39-2	32512526	32041333	32147580	32233813	0.77	cps
Rhodium	103-1	5431980	5336560	5311206	5359915	1.19	cps
Rhodium	103-2	3117191	3117223	3096495	3110303	0.38	cps
Scandium	45-1	3582907	3495973	3489863	3522914	1.48	cps
Scandium	45-2	274287	272997	272861	273382	0.29	cps
Selenium	82-1	58201	57855	57599	57885	0.52	cps
Selenium	77-2	4594	4297	4327	4406	3.71	cps
Selenium	78-2	15451	15392	15358	15400	0.30	cps
Silicon	28-1	2378682	2427888	2474844	2427138	1.98	cps
Silver	107-1	4403030	4371239	4337663	4370644	0.75	cps
Silver	109-1	4223031	4208189	4184207	4205142	0.47	cps
Sodium	23-2	118009669	117069361	116466482	117181837	0.66	cps
Strontium	86-1	10845201	10703022	10683461	10743895	0.82	cps
Strontium	88-1	95238121	93212217	92747085	93732474	1.41	cps
Sulfur	34-1	635477	621353	619853	625561	1.38	cps
Terbium	159-1	10299842	10089295	10050671	10146602	1.32	cps
Terbium	159-2	5639353	5606079	5637703	5627712	0.33	cps
Thallium	203-1	4226975	4249199	4282965	4253046	0.66	cps
Thallium	205-1	11026782	10776779	10926155	10909905	1.15	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:26:51	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	17091419	16950845	17109110	17050458	0.51	cps
Tin	118-1	3066104	3081373	3058868	3068782	0.37	cps
Titanium	47-1	2122971	2086168	2072230	2093789	1.25	cps
Uranium	238-1	16577438	16349715	16532267	16486473	0.73	cps
Vanadium	51-2	1095075	1091864	1082805	1089914	0.58	cps
Yttrium	89-1	10884470	10610352	10491722	10662182	1.89	cps
Yttrium	89-2	2261131	2266425	2243736	2257097	0.53	cps
Zinc	66-2	2401363	2412130	2381416	2398303	0.65	cps
Zirconium	90-1	6191260	6110370	5961466	6087699	1.91	cps
Zirconium	91-1	1316139	1294998	1283123	1298087	1.29	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 15:33:28 DataFile Name : 087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	133	136	9.36	cps
Antimony	121-1	642	650	817	703	14.05	cps
Arsenic	75-2	7	11	7	9	24.71	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	108	67	117	97	27.55	cps
Beryllium	9-1	106	122	106	111	8.66	cps
Bismuth	209-1	6587938	7275671	6619258	6827623	5.69	cps
Bismuth	209-2	4443288	4464670	4452058	4453339	0.24	cps
Boron	10-1	2267	2384	2059	2236	7.36	cps
Boron	11-1	10921	10404	10462	10596	2.67	cps
Bromine	81-1	7260	7252	6618	7044	5.23	cps
Bromine	81-2	190	110	110	137	33.79	cps
Cadmium	111-1	3368	3613	3687	3556	4.70	cps
Cadmium	106-1	3726	3992	4076	3931	4.65	cps
Cadmium	108-1	58	33	33	42	34.64	cps
Calcium	43-1	192	258	133	194	32.17	cps
Calcium	44-1	4668	4401	4276	4448	4.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	720	717	780	739	4.82	cps
Cobalt	59-2	27	50	37	38	30.98	cps
Copper	63-2	913	983	867	921	6.38	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	33	30	37	33	10.01	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	137	117	153	136	13.54	cps
Holmium	165-1	10321566	10345452	10172081	10279699	0.91	cps
Holmium	165-2	5931527	6007097	5997104	5978576	0.69	cps
Indium	115-1	7171953	7340970	7206555	7239826	1.23	cps
Indium	115-2	2029257	2033080	2044241	2035526	0.38	cps
Iron	56-2	6813	6907	6885	6868	0.72	cps
Iron	57-2	267	239	161	222	24.62	cps

LB Number : LB116449 Operator : JASWAL
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-22 15:33:28 DataFile Name : 087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1001	1011	911	974	5.66	cps
Krypton	83-1	507	603	497	536	11.00	cps
Lead	206-1	1733	1783	1772	1763	1.49	cps
Lead	207-1	1617	1561	1439	1539	5.91	cps
Lead	208-1	7084	7173	7201	7153	0.85	cps
Lithium	6-1	2438563	2443513	2418441	2433506	0.55	cps
Magnesium	24-2	933	1092	892	972	10.85	cps
Manganese	55-2	130	140	237	169	34.88	cps
Molybdenum	94-1	392	375	392	386	2.49	cps
Molybdenum	95-1	200	200	217	206	4.68	cps
Molybdenum	96-1	242	233	183	219	14.38	cps
Molybdenum	97-1	125	117	100	114	11.18	cps
Molybdenum	98-1	392	392	133	306	48.81	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	137	143	142	3.58	cps
Phosphorus	31-2	250	200	233	228	11.18	cps
Potassium	39-2	38826	38234	37465	38175	1.79	cps
Rhodium	103-1	6355183	6415866	6413598	6394882	0.54	cps
Rhodium	103-2	3545661	3586140	3586895	3572898	0.66	cps
Scandium	45-1	3672812	3736712	3715766	3708430	0.88	cps
Scandium	45-2	295253	295248	295052	295184	0.04	cps
Selenium	82-1	8	-100	40	-17	-430.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	96	100	92	11.80	cps
Silicon	28-1	165683	168792	171793	168756	1.81	cps
Silver	107-1	225	225	133	194	27.22	cps
Silver	109-1	150	83	167	133	33.07	cps
Sodium	23-2	31692	31600	31074	31456	1.06	cps
Strontium	86-1	942	908	942	931	2.07	cps
Strontium	88-1	1192	875	992	1020	15.71	cps
Sulfur	34-1	324313	327559	328342	326738	0.65	cps
Terbium	159-1	10202964	10328082	10071889	10200978	1.26	cps
Terbium	159-2	5802685	5814835	5851476	5822999	0.44	cps
Thallium	203-1	542	467	517	508	7.51	cps
Thallium	205-1	1325	1200	1292	1272	5.09	cps

LB Number :	LB116449	Operator :	JASWAL
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-22 15:33:28	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	561	556	450	522	11.99	cps
Tin	118-1	650	558	692	633	10.77	cps
Titanium	47-1	92	75	8	58	75.60	cps
Uranium	238-1	142	108	150	133	16.54	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Yttrium	89-1	11121877	11243522	11203484	11189627	0.55	cps
Yttrium	89-2	2415366	2424139	2423235	2420913	0.20	cps
Zinc	66-2	477	517	513	502	4.42	cps
Zirconium	90-1	742	667	750	719	6.38	cps
Zirconium	91-1	150	200	100	150	33.34	cps