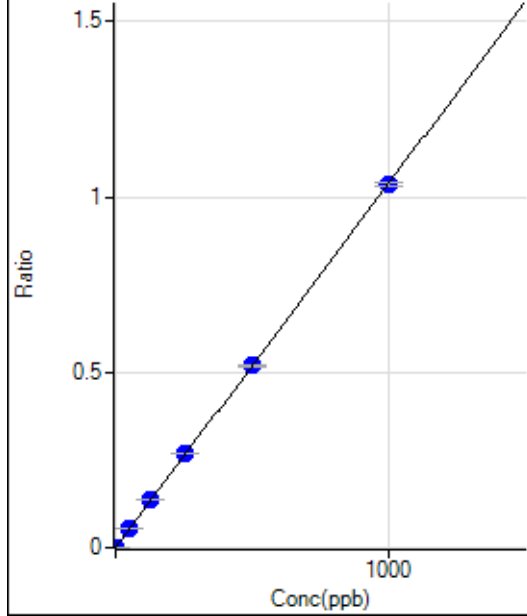


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7101721SMS.b\
Analysis File: P7101721SMS.batch.bin
DA Date-Time: 2021-10-17 23:58:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-10-17 17:32:45
2	005CALS.d	S02	2021-10-17 17:42:08
3	006CALS.d	S03	2021-10-17 17:45:15
4	007CALS.d	S04	2021-10-17 17:48:21
5	008CALS.d	S05	2021-10-17 17:51:24
6	009CALS.d	S06	2021-10-17 17:54:24
7	010CALS.d	S07	2021-10-17 17:57:20
8	011CALS.d	S08	2021-10-17 18:00:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	14.5
2	☐	1.000	0.947	2054.60	0.0010	P	3.6
3	☐	50.000	51.915	110167.33	0.0539	P	0.5
4	☐	125.000	130.554	273985.70	0.1355	P	0.9
5	☐	250.000	257.693	523961.56	0.2673	P	0.2
6	☐	500.000	501.163	984293.86	0.5199	P	0.9
7	☐	1000.000	996.705	1919417.96	1.0339	P	0.9
8	☐			510.01	0.0003	P	17.4

$$y = 0.0010 * x + 3.6388E-005$$

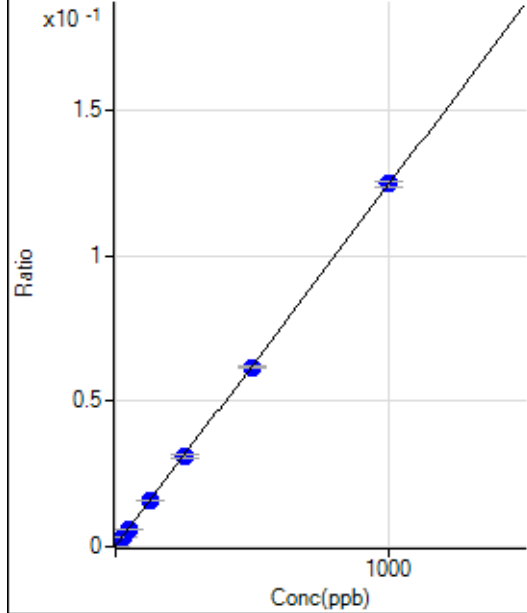
$$R = 1.0000$$

$$DL = 0.01523$$

$$BEC = 0.03508$$

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	252.79	0.0001	P	10.9
2	☐	25.000	23.391	6126.38	0.0030	P	1.7
3	☐	50.000	48.945	12711.13	0.0062	P	1.2
4	☐	125.000	125.879	31945.29	0.0158	P	1.7
5	☐	250.000	250.473	61343.90	0.0313	P	3.6
6	☐	500.000	495.263	116953.67	0.0618	P	0.7
7	☐	1000.000	1002.233	231838.79	0.1249	P	1.9
8	☐			5840.17	0.0032	P	13.5

$$y = 1.2448E-004 * x + 1.2528E-004$$

$$R = 1.0000$$

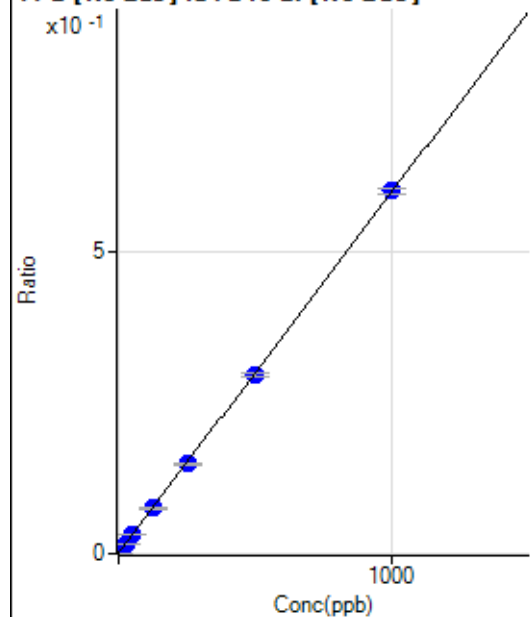
$$DL = 0.3294$$

$$BEC = 1.006$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1177.86	0.0006	P	12.8
2	☐	25.000	23.195	29078.35	0.0144	P	0.5
3	☐	50.000	50.296	62495.59	0.0306	P	1.6
4	☐	125.000	125.562	152579.25	0.0754	P	2.9
5	☐	250.000	248.152	291084.92	0.1485	P	1.8
6	☐	500.000	492.825	557357.37	0.2944	P	2.2
7	☐	1000.000	1004.010	1112369.92	0.5992	P	1.5
8	☐			27378.18	0.0151	P	12.2

$$y = 5.9620\text{E-}004 * x + 5.8435\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3758$$

$$BEC = 0.9801$$

Weight: <None>

Min Conc: 0

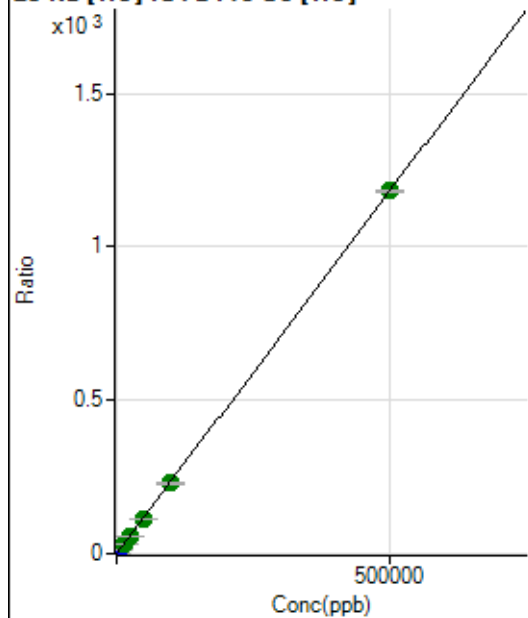
12 C [No Gas] No available calibration points



	R _j 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	25865.00	0.0797	P	1.6
2	☐	500.000	442.939	370680.01	1.1257	P	1.0
3	☐	5000.000	4869.235	3752688.08	11.5781	P	1.0
4	☐	12500.000	12634.003	9402296.39	29.9141	A	0.8
5	☐	25000.000	24822.123	17824022.27	58.6955	A	0.7
6	☐	50000.000	48869.452	34386119.05	115.4817	A	0.7
7	☐	100000.00	97199.121	69044867.28	229.6090	A	1.3
8	☐	500000.00	500680.13	350618063.3	1,182.403	A	0.4

$$y = 0.0024 * x + 0.0797$$

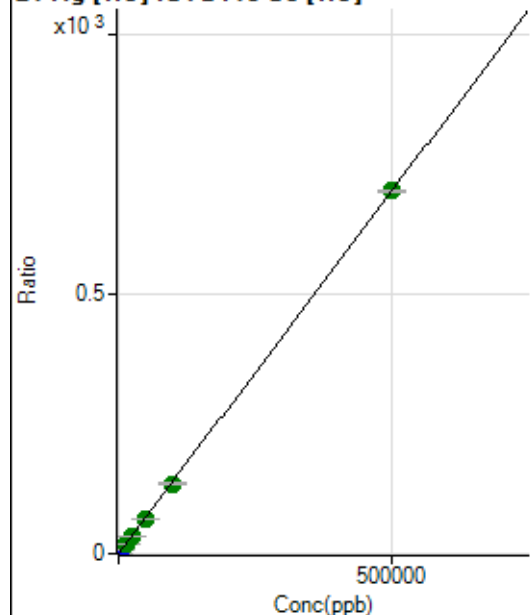
$$R = 1.0000$$

$$DL = 1.59$$

$$BEC = 33.75$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.19	0.0007	P	11.2
2	☐	500.000	433.851	199449.75	0.6057	P	1.1
3	☐	5000.000	4854.053	2194084.59	6.7692	P	0.6
4	☐	12500.000	12680.045	5557693.01	17.6817	A	0.6
5	☐	25000.000	24965.097	10571226.86	34.8119	A	0.5
6	☐	50000.000	48863.541	20288271.05	68.1357	A	0.5
7	☐	100000.00	96477.354	40455573.59	134.5282	A	1.2
8	☐	500000.00	500816.94	207076017.5	698.3368	A	0.6

$$y = 0.0014 * x + 7.2495E-004$$

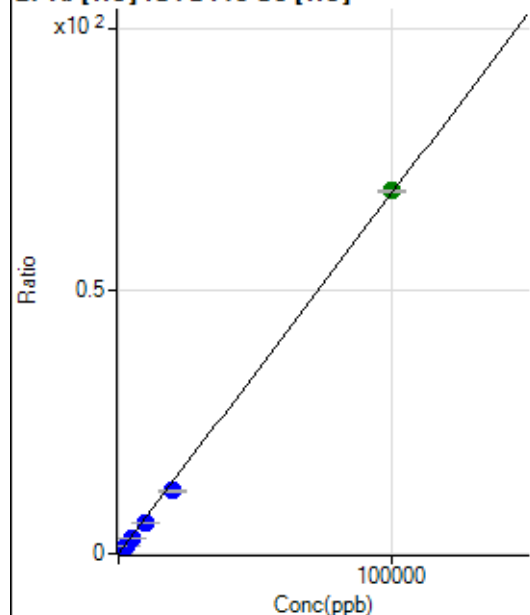
$$R = 1.0000$$

$$DL = 0.1742$$

$$BEC = 0.5199$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0004	P	18.0
2	☐	20.000	18.481	4311.80	0.0131	P	3.9
3	☐	1000.000	913.383	203053.67	0.6265	P	0.5
4	☐	2500.000	2261.438	487291.19	1.5504	P	1.1
5	☐	5000.000	4471.856	930837.67	3.0654	P	0.4
6	☐	10000.000	8759.201	1787741.84	6.0039	P	0.8
7	☐	20000.000	17351.757	3576466.92	11.8932	P	0.8
8	☐	100000.00	100686.96	20463557.87	69.0108	A	0.6

$$y = 6.8539E-004 * x + 4.2823E-004$$

$$R = 0.9996$$

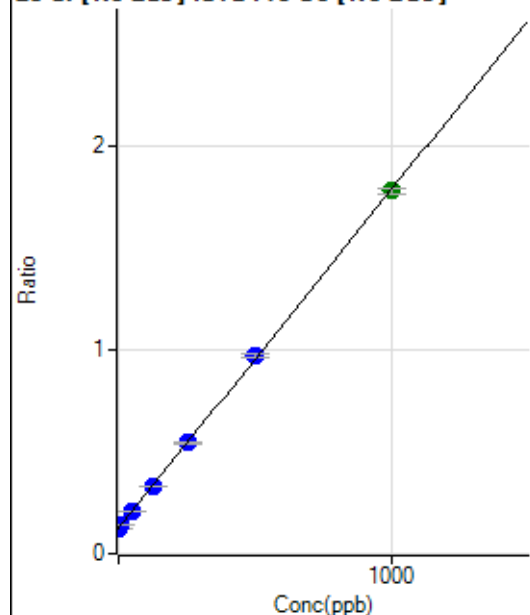
$$DL = 0.3377$$

$$BEC = 0.6248$$

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	515183.91	0.1249	P	1.1
2	☐	10.000	7.482	579696.42	0.1373	P	0.5
3	☐	50.000	50.045	887740.71	0.2079	P	1.3
4	☐	125.000	122.707	1374417.90	0.3283	P	0.9
5	☐	250.000	251.835	2167157.34	0.5424	P	2.0
6	☐	500.000	507.857	3776246.35	0.9668	P	2.0
7	☐	1000.000	995.922	6903215.78	1.7758	A	1.8
8	☐			648953.00	0.1689	P	0.8

$$y = 0.0017 * x + 0.1249$$

$$R = 0.9999$$

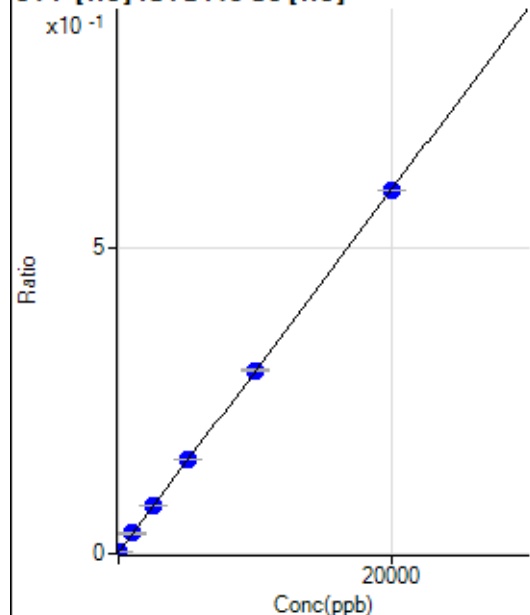
$$DL = 2.528$$

$$BEC = 75.37$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.388	613.92	0.0019	P	7.3
2	☐	0.000	0.388	630.59	0.0019	P	7.7
3	☐	1000.000	1051.032	10717.99	0.0331	P	3.0
4	☐	2500.000	2566.179	24512.17	0.0780	P	1.4
5	☐	5000.000	5097.157	46469.91	0.1530	P	0.5
6	☐	10000.000	10058.970	89374.82	0.3002	P	0.9
7	☐	20000.000	19935.402	178325.09	0.5930	P	0.0
8	☐			758.37	0.0026	P	23.2

$$y = 2.9650E-005 * x + 0.0019$$

$$R = 1.0000$$

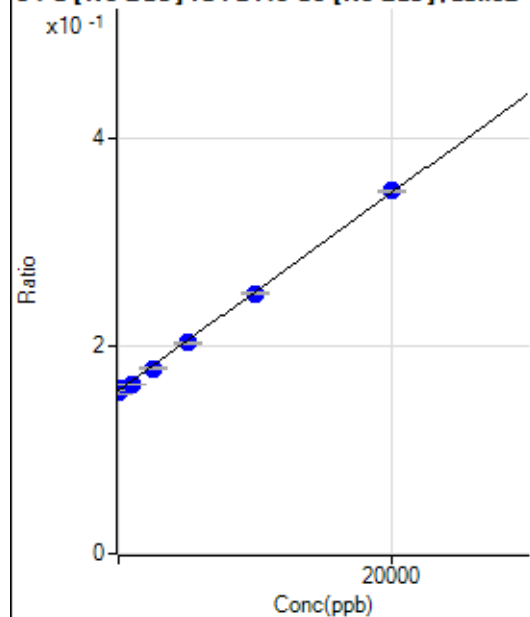
$$DL = 14.46$$

$$BEC = 64.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	173.500	653328.85	0.1584	P	1.4
2	☐	0.000	-173.500	654765.89	0.1551	P	1.8
3	☐	1000.000	675.387	696998.96	0.1632	P	0.3
4	☐	2500.000	2259.529	746331.82	0.1783	P	0.5
5	☐	5000.000	4859.044	811270.11	0.2030	P	0.7
6	☐	10000.000	9835.047	978047.31	0.2504	P	0.8
7	☐	20000.000	20164.005	1355388.76	0.3487	P	0.7
8	☐			521501.50	0.1358	P	0.7

$$y = 9.5150E-006 * x + 0.1568$$

$$R = 0.9997$$

$$DL = 792.2$$

$$BEC = 1.648E+04$$

Weight: <None>

Min Conc: 0

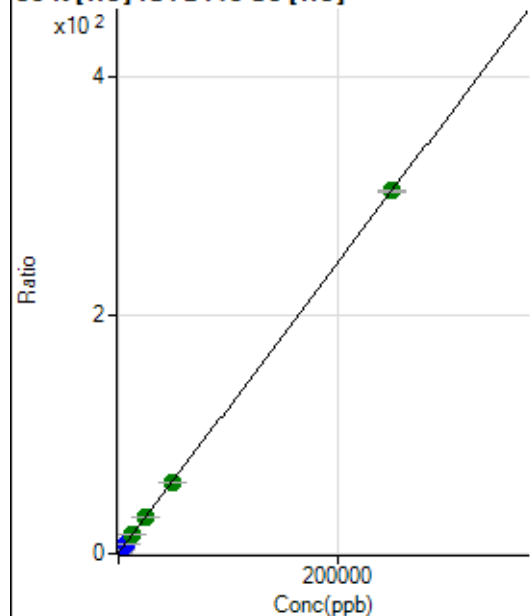
35 Cl [No Gas] No available calibration points



	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	85028.28	0.2620	P	0.4
2	☐	500.000	465.635	272427.47	0.8273	P	0.6
3	☐	2500.000	2616.245	1114467.57	3.4382	P	0.7
4	☐	6250.000	6533.454	2575422.02	8.1938	P	0.6
5	☐	12500.000	12572.055	4714145.38	15.5249	A	0.6
6	☐	25000.000	24564.434	8958108.36	30.0841	A	0.1
7	☐	50000.000	49167.789	18029606.30	59.9535	A	0.7
8	☐	250000.00	250198.21	90148356.18	304.0119	A	0.5

$$y = 0.0012 * x + 0.2620$$

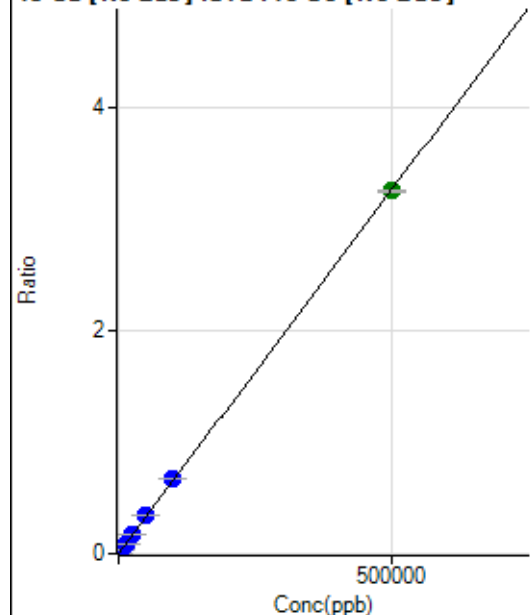
$$R = 1.0000$$

$$DL = 2.805$$

$$BEC = 215.8$$

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	191.67	0.0000	P	42.8
2	☐	500.000	476.098	13323.01	0.0032	P	4.0
3	☐	5000.000	5324.664	148728.50	0.0348	P	1.3
4	☐	12500.000	13295.396	363755.20	0.0869	P	0.5
5	☐	25000.000	26523.339	692497.07	0.1733	P	0.2
6	☐	50000.000	52217.409	1332598.00	0.3411	P	0.3
7	☐	100000.00	104144.74	2644815.27	0.6803	P	0.4
8	☐	500000.00	498850.03	12518330.49	3.2587	A	0.6

$$y = 6.5322E-006 * x + 4.6640E-005$$

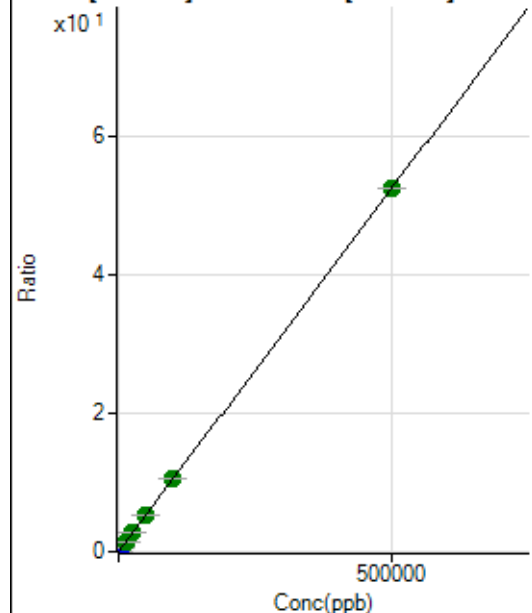
$$R = 1.0000$$

$$DL = 9.174$$

$$BEC = 7.14$$

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	10990.47	0.0027	P	4.1
2	☐	500.000	481.424	224266.73	0.0531	P	1.3
3	☐	5000.000	5251.437	2362210.91	0.5532	P	0.5
4	☐	12500.000	12718.495	5592158.94	1.3359	A	1.1
5	☐	25000.000	25562.514	10718336.26	2.6824	A	0.5
6	☐	50000.000	49954.327	20466442.82	5.2394	A	0.1
7	☐	100000.00	100566.37	40993898.49	10.5451	A	0.2
8	☐	500000.00	499855.20	201306962.8	52.4026	A	0.0

$$y = 1.0483E-004 * x + 0.0027$$

$$R = 1.0000$$

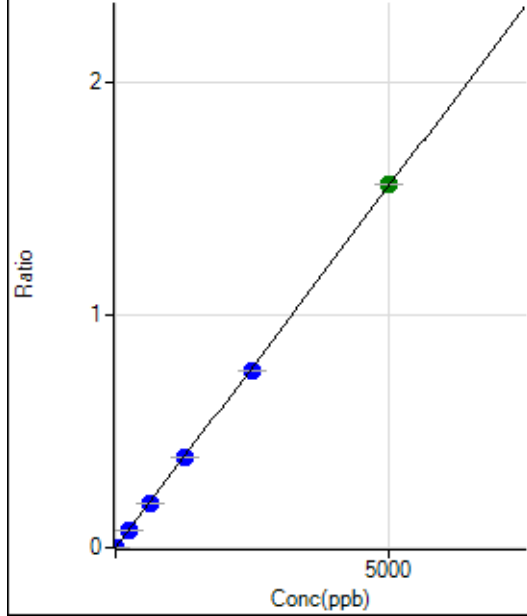
$$DL = 3.128$$

$$BEC = 25.43$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	43.7
2	☐	5.000	4.641	6176.48	0.0015	P	7.9
3	☐	250.000	249.484	331386.16	0.0776	P	0.9
4	☐	625.000	622.838	810891.90	0.1937	P	0.8
5	☐	1250.000	1243.260	1544988.54	0.3866	P	0.1
6	☐	2500.000	2458.443	2986478.39	0.7645	P	0.3
7	☐	5000.000	5022.760	6072217.11	1.5620	A	0.1
8	☐			1141.74	0.0003	P	7.8

$$y = 3.1098\text{E-}004 * x + 1.9577\text{E-}005$$

$$R = 0.9999$$

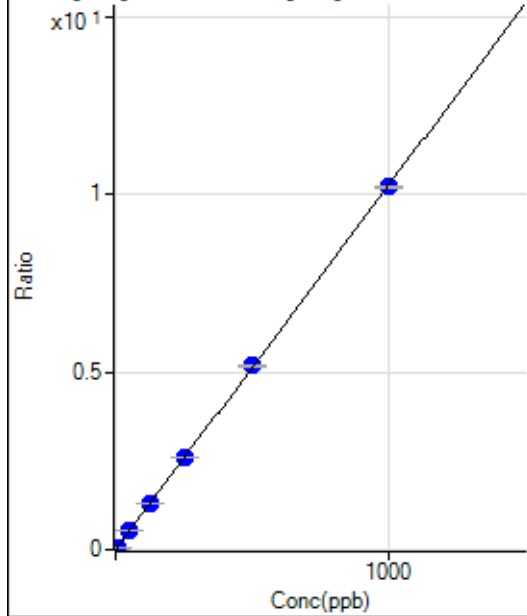
$$DL = 0.08262$$

$$BEC = 0.06295$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0001	P	96.1
2	☐	5.000	4.736	16009.86	0.0486	P	1.5
3	☐	50.000	51.105	169851.28	0.5240	P	0.8
4	☐	125.000	127.951	412364.61	1.3119	P	0.4
5	☐	250.000	253.363	788783.31	2.5978	P	1.1
6	☐	500.000	504.850	1541273.97	5.1762	P	0.7
7	☐	1000.000	996.312	3071855.37	10.2151	P	0.6
8	☐			686.69	0.0023	P	2.5

$$y = 0.0103 * x + 5.4627\text{E-}005$$

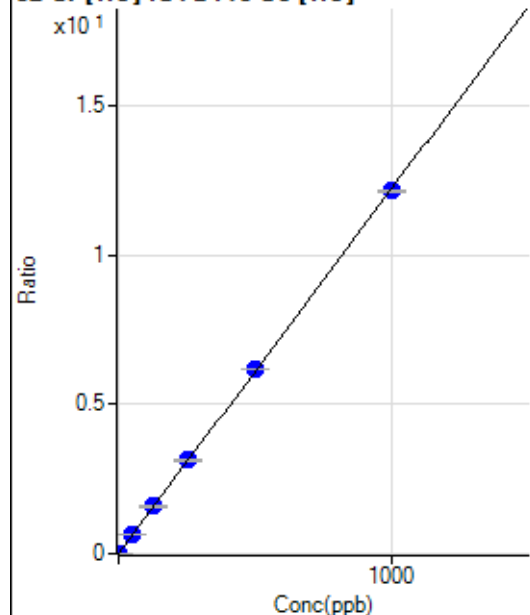
$$R = 1.0000$$

$$DL = 0.01536$$

$$BEC = 0.005328$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1280.07	0.0039	P	5.3
2	☐	2.000	1.874	8833.82	0.0268	P	1.3
3	☐	50.000	51.700	205877.20	0.6352	P	0.3
4	☐	125.000	129.634	498672.52	1.5866	P	1.3
5	☐	250.000	256.364	951590.47	3.1339	P	0.9
6	☐	500.000	506.215	1841473.65	6.1843	P	0.4
7	☐	1000.000	994.637	3652932.45	12.1474	P	0.5
8	☐			9855.59	0.0332	P	3.4

$$y = 0.0122 * x + 0.0039$$

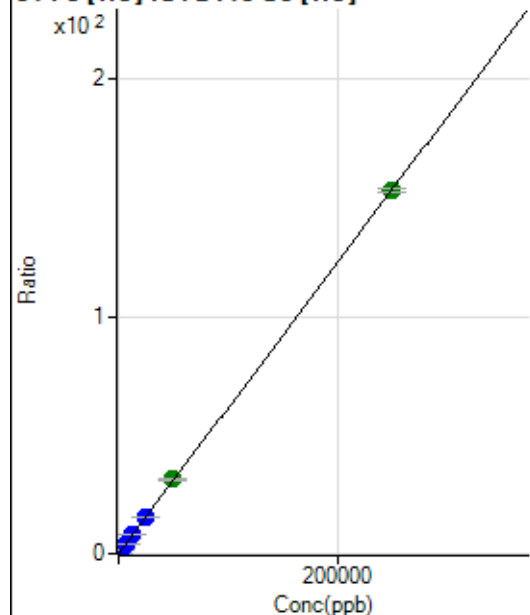
$$R = 0.9999$$

$$DL = 0.05135$$

$$BEC = 0.3231$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1658.48	0.0051	P	5.6
2	☐	50.000	49.860	11746.78	0.0357	P	1.4
3	☐	2500.000	2603.577	518913.90	1.6010	P	0.8
4	☐	6250.000	6589.013	1271009.85	4.0438	P	0.9
5	☐	12500.000	12904.058	2403278.82	7.9146	P	0.6
6	☐	25000.000	25517.448	4658851.55	15.6460	P	0.3
7	☐	50000.000	50968.909	9395872.21	31.2464	A	1.6
8	☐	250000.00	249724.75	45389615.52	153.0735	A	1.1

$$y = 6.1295E-004 * x + 0.0051$$

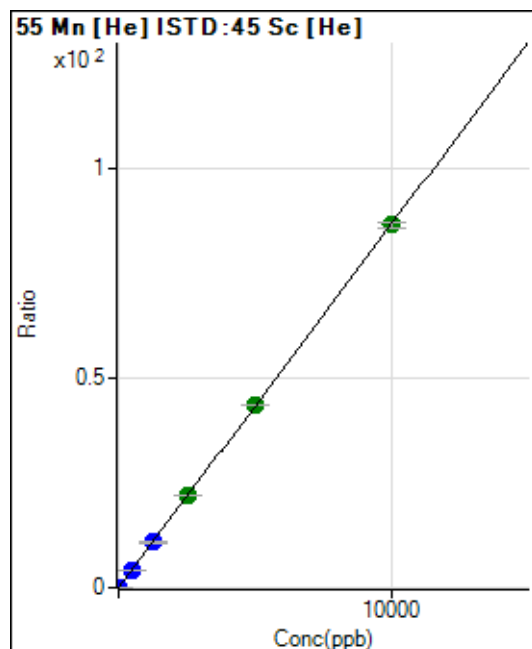
$$R = 1.0000$$

$$DL = 1.402$$

$$BEC = 8.336$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.89	0.0005	P	21.9
2	☐	1.000	0.942	2853.64	0.0087	P	2.8
3	☐	500.000	494.970	1392296.84	4.2955	P	0.6
4	☐	1250.000	1243.254	3390832.76	10.7887	P	1.4
5	☐	2500.000	2538.210	6688157.68	22.0255	A	0.4
6	☐	5000.000	5027.733	12991094.39	43.6280	A	0.1
7	☐	10000.000	9977.676	26035719.34	86.5805	A	1.3
8	☐			37181.25	0.1254	P	1.4

$$y = 0.0087 * x + 4.8967E-004$$

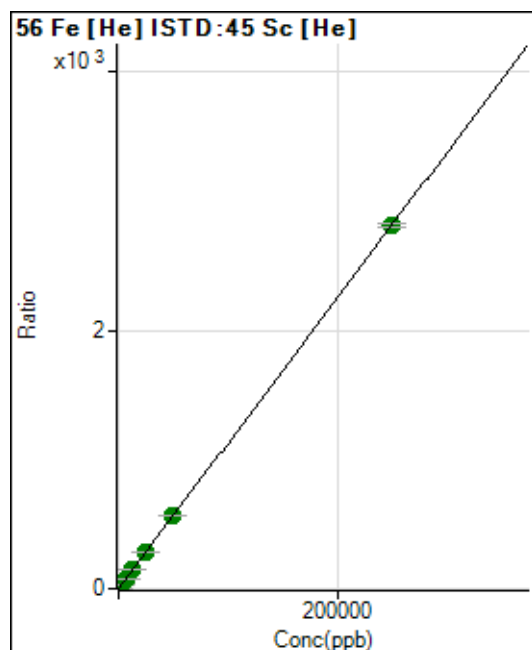
$$R = 1.0000$$

$$DL = 0.03708$$

$$BEC = 0.05643$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8169.07	0.0252	P	2.1
2	☐	50.000	47.275	183160.16	0.5562	P	0.4
3	☐	2500.000	2595.891	9458656.81	29.1842	A	2.0
4	☐	6250.000	6540.897	23099881.53	73.4976	A	1.3
5	☐	12500.000	12871.728	43911588.94	144.6105	A	1.2
6	☐	25000.000	25515.939	85351921.35	286.6401	A	0.6
7	☐	50000.000	50371.017	170156524.1	565.8317	A	1.3
8	☐	250000.00	249847.38	832203581.5	2,806.506	A	0.9

$$y = 0.0112 * x + 0.0252$$

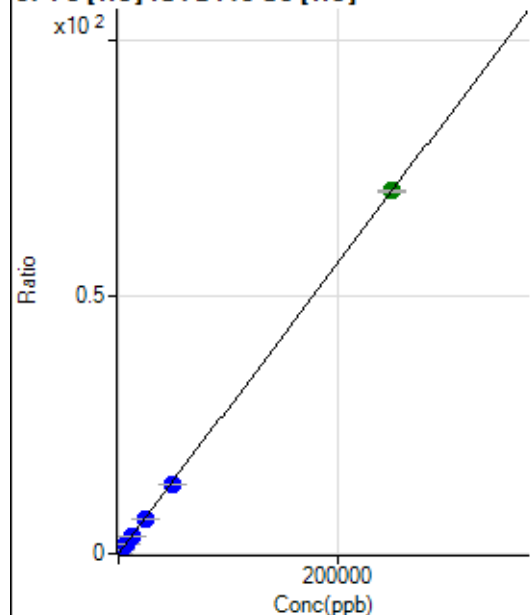
$$R = 1.0000$$

$$DL = 0.1419$$

$$BEC = 2.241$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	501.87	0.0015	P	6.1
2	☐	50.000	46.372	4815.68	0.0146	P	5.3
3	☐	2500.000	2495.107	228549.23	0.7051	P	0.4
4	☐	6250.000	6298.079	558675.72	1.7775	P	0.8
5	☐	12500.000	12402.172	1062377.74	3.4987	P	0.6
6	☐	25000.000	24408.197	2049844.19	6.8841	P	0.8
7	☐	50000.000	48216.577	4088979.78	13.5976	P	0.6
8	☐	250000.00	250419.60	20939662.04	70.6145	A	0.4

$$y = 2.8198\text{E-}004 * x + 0.0015$$

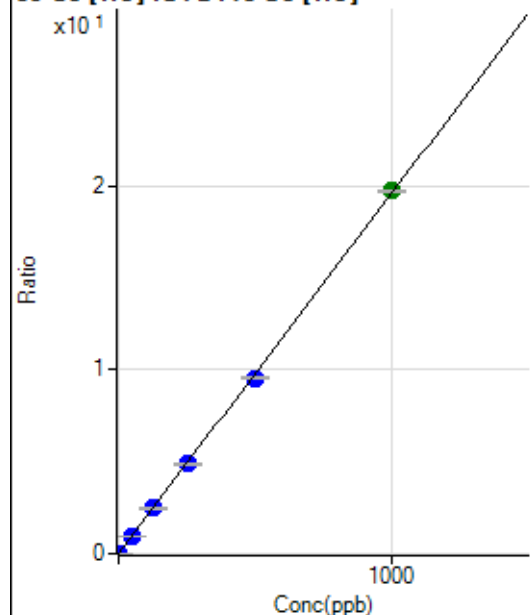
$$R = 1.0000$$

$$DL = 1.004$$

$$BEC = 5.484$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.55	0.0002	P	9.7
2	☐	1.000	0.949	6194.69	0.0188	P	0.7
3	☐	50.000	50.251	318954.98	0.9840	P	0.4
4	☐	125.000	126.001	775386.11	2.4671	P	1.3
5	☐	250.000	248.366	1476563.73	4.8627	P	0.6
6	☐	500.000	486.591	2836655.69	9.5266	P	0.8
7	☐	1000.000	1006.975	5928518.87	19.7146	A	0.4
8	☐			14658.52	0.0494	P	0.2

$$y = 0.0196 * x + 2.3288\text{E-}004$$

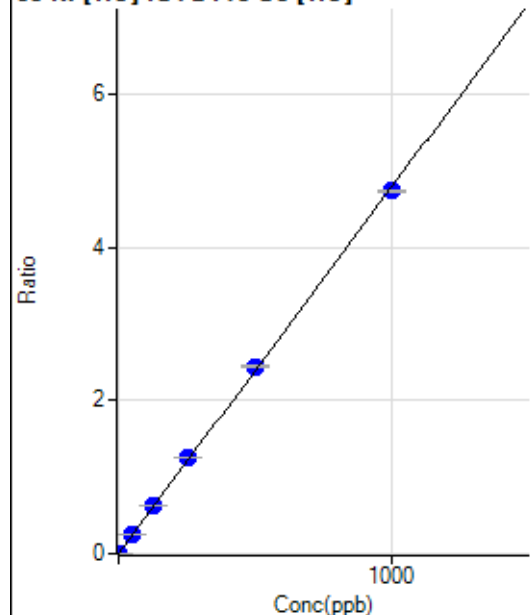
$$R = 0.9999$$

$$DL = 0.003472$$

$$BEC = 0.01189$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.11	0.0004	P	18.3
2	☐	1.000	1.028	1764.57	0.0054	P	7.0
3	☐	50.000	54.029	84018.53	0.2592	P	0.7
4	☐	125.000	133.098	200507.00	0.6379	P	0.8
5	☐	250.000	262.018	381188.08	1.2554	P	1.4
6	☐	500.000	511.221	729215.51	2.4490	P	0.8
7	☐	1000.000	990.171	1426292.43	4.7430	P	0.6
8	☐			4698.57	0.0158	P	3.2

$$y = 0.0048 * x + 4.3509E-004$$

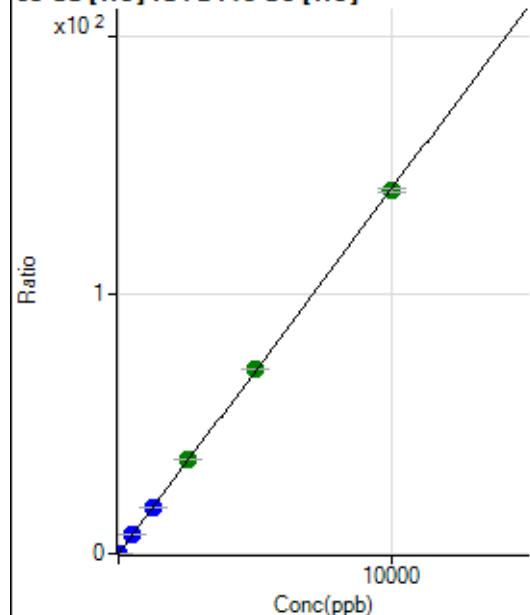
$$R = 0.9998$$

$$DL = 0.04992$$

$$BEC = 0.09084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	836.70	0.0026	P	15.5
2	☐	2.000	1.676	8629.27	0.0262	P	1.1
3	☐	500.000	502.289	2296231.27	7.0842	P	0.4
4	☐	1250.000	1248.490	5533176.79	17.6047	P	1.1
5	☐	2500.000	2587.974	11079369.70	36.4898	A	1.5
6	☐	5000.000	5064.383	21262193.43	71.4040	A	0.3
7	☐	10000.000	9945.889	42167521.04	140.2271	A	1.1
8	☐			12839.03	0.0433	P	3.4

$$y = 0.0141 * x + 0.0026$$

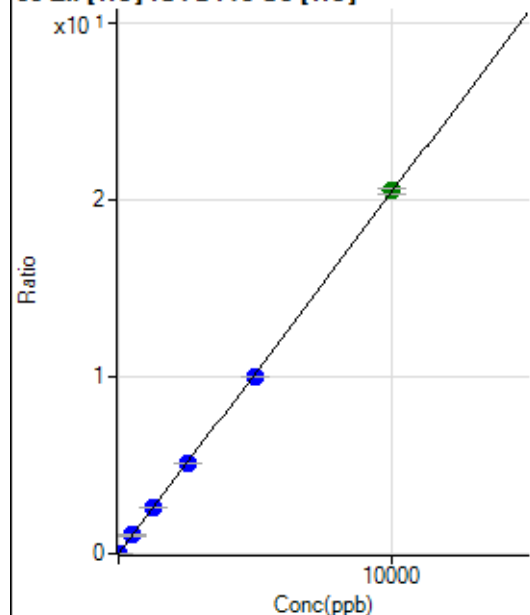
$$R = 0.9999$$

$$DL = 0.08531$$

$$BEC = 0.1829$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	517.77	0.0016	P	6.8
2	☐	2.000	2.355	2110.61	0.0064	P	2.3
3	☐	500.000	506.277	335991.25	1.0366	P	0.7
4	☐	1250.000	1271.714	817649.56	2.6014	P	0.9
5	☐	2500.000	2508.531	1557623.33	5.1299	P	1.3
6	☐	5000.000	4894.230	2979811.23	10.0071	P	0.1
7	☐	10000.000	10047.724	6177211.57	20.5427	A	1.7
8	☐			11935.28	0.0403	P	1.2

$$y = 0.0020 * x + 0.0016$$

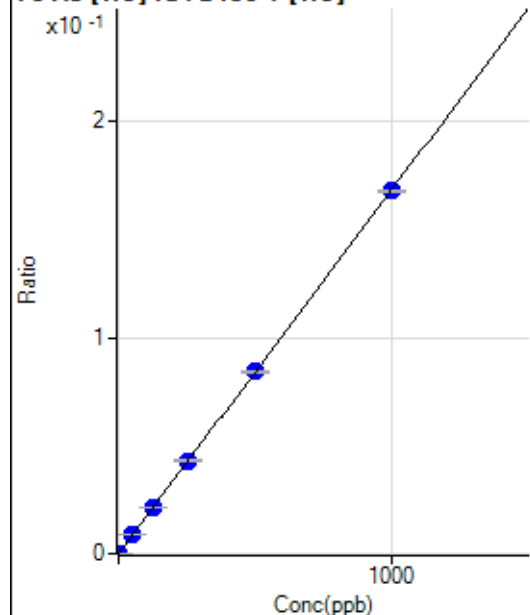
$$R = 0.9999$$

$$DL = 0.1603$$

$$BEC = 0.7802$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.52	0.0000	P	34.7
2	☐	1.000	1.015	431.49	0.0002	P	6.5
3	☐	50.000	51.430	20749.35	0.0087	P	1.2
4	☐	125.000	128.267	50843.15	0.0216	P	0.5
5	☐	250.000	256.275	98204.68	0.0432	P	0.5
6	☐	500.000	500.248	189473.33	0.0842	P	0.3
7	☐	1000.000	997.827	379845.69	0.1680	P	0.3
8	☐			162.97	0.0001	P	17.4

$$y = 1.6839E-004 * x + 7.8551E-006$$

$$R = 1.0000$$

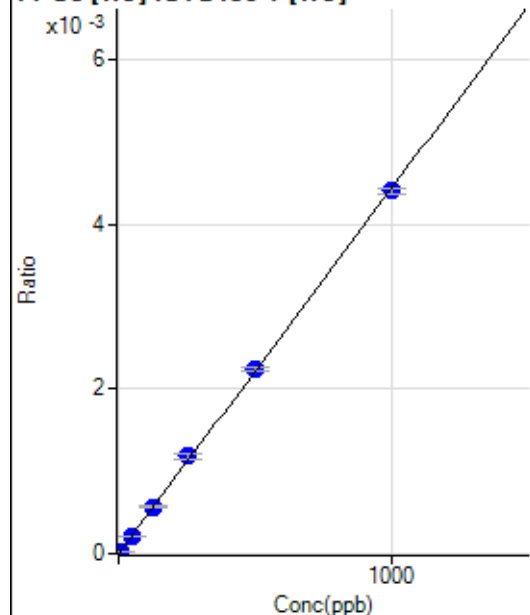
$$DL = 0.0486$$

$$BEC = 0.04665$$

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	5.295	56.67	0.0000	P	30.3
3	☐	50.000	48.846	518.90	0.0002	P	4.5
4	☐	125.000	128.331	1340.08	0.0006	P	2.0
5	☐	250.000	266.280	2689.16	0.0012	P	5.0
6	☐	500.000	504.367	5034.25	0.0022	P	1.7
7	☐	1000.000	993.386	9965.71	0.0044	P	1.8
8	☐			2.22	0.0000	P	86.6

$$y = 4.4382\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

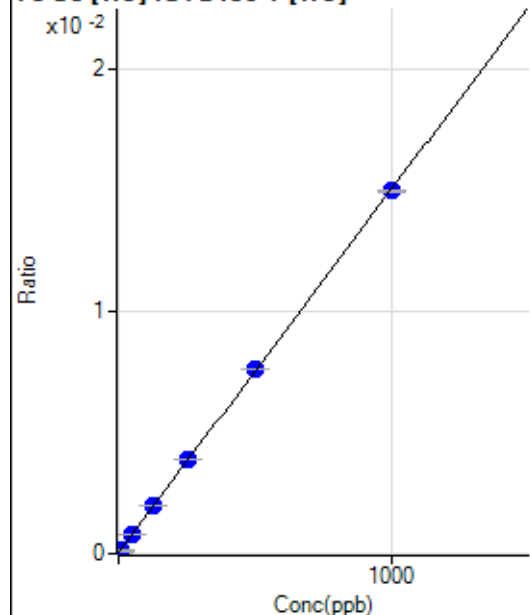
$$DL = 0$$

$$BEC = 0$$

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	99.38	0.0000	P	22.0
2	☐	5.000	5.218	290.74	0.0001	P	10.0
3	☐	50.000	51.702	1956.32	0.0008	P	3.1
4	☐	125.000	130.184	4690.90	0.0020	P	2.4
5	☐	250.000	256.504	8845.32	0.0039	P	1.7
6	☐	500.000	504.167	17093.41	0.0076	P	0.3
7	☐	1000.000	995.556	33832.47	0.0150	P	0.9
8	☐			116.67	0.0001	P	13.8

$$y = 1.4991\text{E-}005 * x + 4.2116\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.855$$

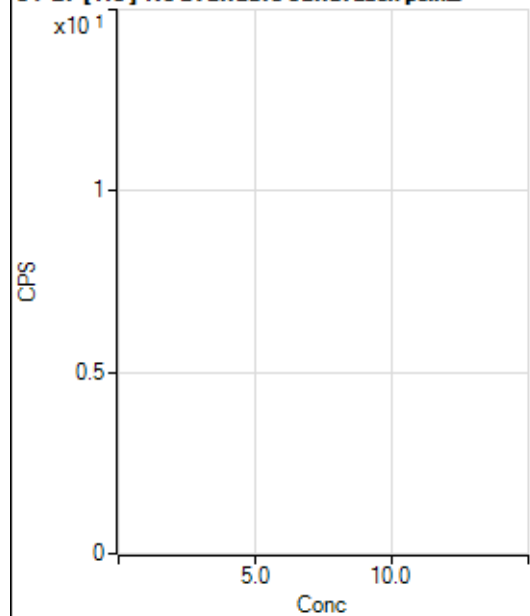
$$BEC = 2.809$$

Weight: <None>

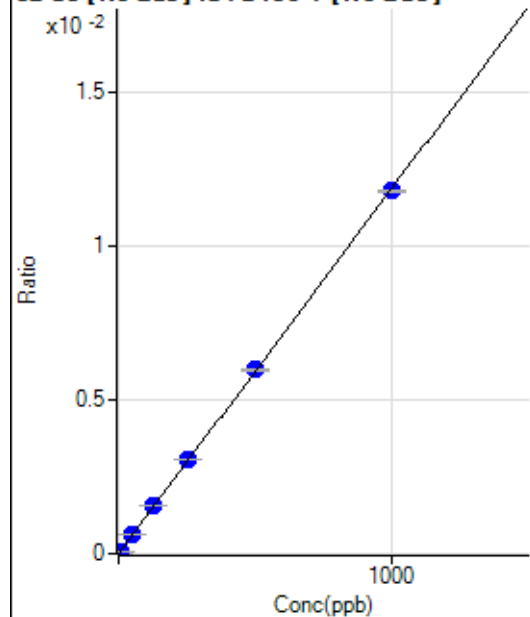
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8119.16		P	1.7
2	☐			8627.84		P	6.1
3	☐			8372.10		P	2.0
4	☐			7910.67		P	1.7
5	☐			7724.52		P	4.6
6	☐			7810.66		P	2.7
7	☐			8216.46		P	3.3
8	☐			8110.82		P	1.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.71		P	32.7
2	☐			56.72		P	66.8
3	☐			43.38		P	26.6
4	☐			30.03		P	57.7
5	☐			46.71		P	12.4
6	☐			23.36		P	107.9
7	☐			56.72		P	62.0
8	☐			56.72		P	56.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-39.97	0.0000	P	-159.
2	☐	5.000	4.930	605.68	0.0001	P	17.3
3	☐	50.000	52.657	6969.91	0.0006	P	1.8
4	☐	125.000	130.068	17027.21	0.0015	P	1.4
5	☐	250.000	258.405	32942.18	0.0031	P	0.3
6	☐	500.000	504.660	63183.77	0.0060	P	0.9
7	☐	1000.000	994.803	125678.65	0.0118	P	0.7
8	☐			53.95	0.0000	P	90.3

$$y = 1.1873E-005 * x - 3.7157E-006$$

R = 0.9999

DL = 1.498

BEC = -0.313

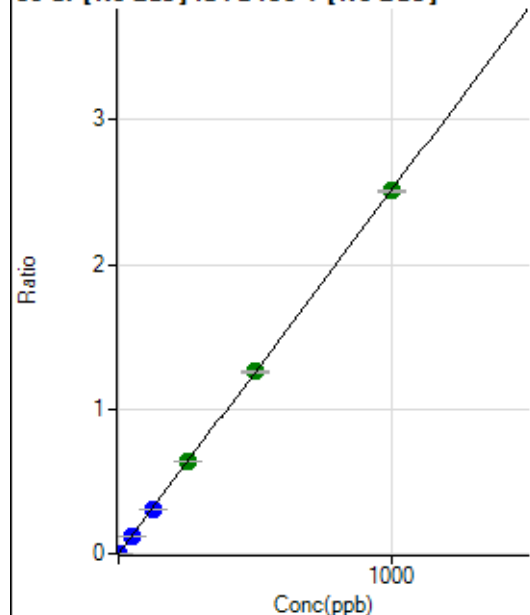
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			692.25		P	2.4
2	☐			710.02		P	12.8
3	☐			677.80		P	4.5
4	☐			655.58		P	5.2
5	☐			638.91		P	5.8
6	☐			583.36		P	1.0
7	☐			656.69		P	1.8
8	☐			607.80		P	1.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1061.18	0.0001	P	13.2
2	☐	1.000	0.108	4081.26	0.0004	P	3.7
3	☐	50.000	49.033	1383135.03	0.1233	P	0.5
4	☐	125.000	123.307	3426015.61	0.3100	P	1.0
5	☐	250.000	254.336	6872213.17	0.6393	A	0.4
6	☐	500.000	501.998	13312289.62	1.2616	A	1.1
7	☐	1000.000	998.178	26701158.75	2.5086	A	0.8
8	☐			18681.91	0.0018	P	0.5

$$y = 0.0025 * x + 9.8652E-005$$

$$R = 1.0000$$

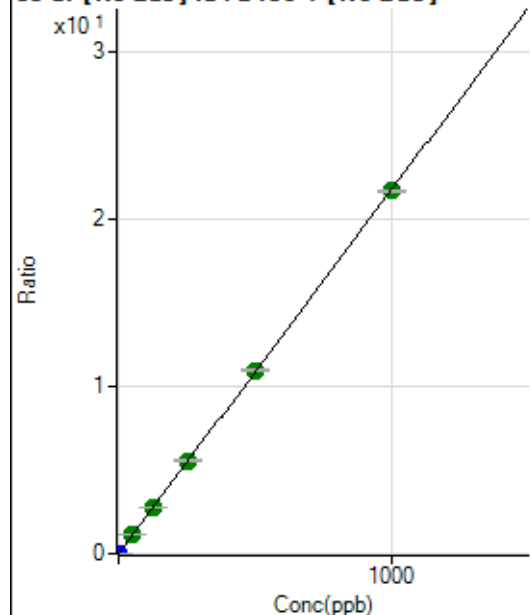
$$DL = 0.01553$$

$$BEC = 0.03926$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.67	0.0000	P	5.0
2	☐	1.000	0.099	24145.72	0.0022	P	2.6
3	☐	50.000	50.644	12360221.45	1.1020	A	0.3
4	☐	125.000	127.643	30696948.26	2.7774	A	1.7
5	☐	250.000	255.287	59715115.92	5.5549	A	1.2
6	☐	500.000	502.655	115408287.3	10.9375	A	0.9
7	☐	1000.000	996.989	230910499.6	21.6939	A	0.6
8	☐			152686.81	0.0147	P	2.1

$$y = 0.0218 * x + 2.7128E-005$$

$$R = 1.0000$$

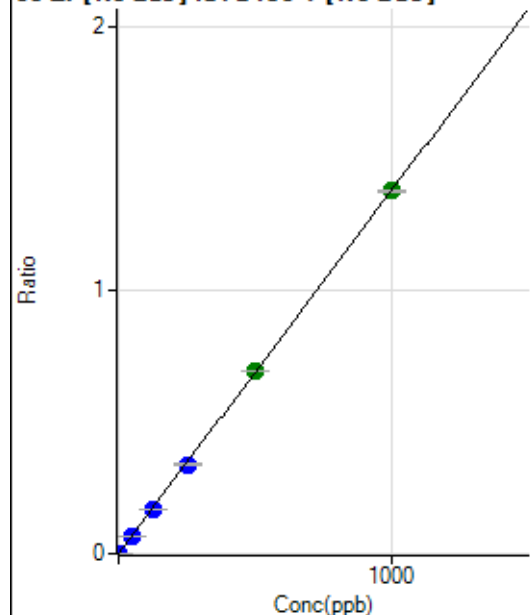
$$DL = 0.0001857$$

$$BEC = 0.001247$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	613.92	0.0001	P	21.0
2	☐	1.000	0.860	13751.37	0.0012	P	2.0
3	☐	50.000	48.920	757213.84	0.0675	P	0.4
4	☐	125.000	123.750	1886630.97	0.1707	P	0.7
5	☐	250.000	246.094	3648506.24	0.3394	P	0.7
6	☐	500.000	503.944	7332908.59	0.6949	A	0.6
7	☐	1000.000	999.215	14666236.79	1.3779	A	0.5
8	☐			7340.94	0.0007	P	5.7

$$y = 0.0014 * x + 5.7230E-005$$

$$R = 1.0000$$

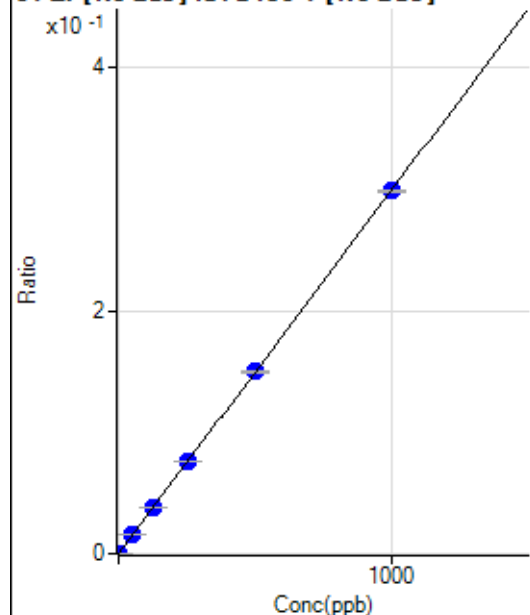
$$DL = 0.02617$$

$$BEC = 0.0415$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0000	P	11.4
2	☐	1.000	0.877	3028.18	0.0003	P	7.7
3	☐	50.000	50.586	169862.33	0.0151	P	1.2
4	☐	125.000	127.463	421604.02	0.0381	P	0.6
5	☐	250.000	253.314	814806.94	0.0758	P	0.8
6	☐	500.000	500.839	1581164.63	0.1498	P	0.5
7	☐	1000.000	998.415	3179488.26	0.2987	P	0.5
8	☐			1550.13	0.0001	P	1.3

$$y = 2.9917E-004 * x + 1.1625E-005$$

$$R = 1.0000$$

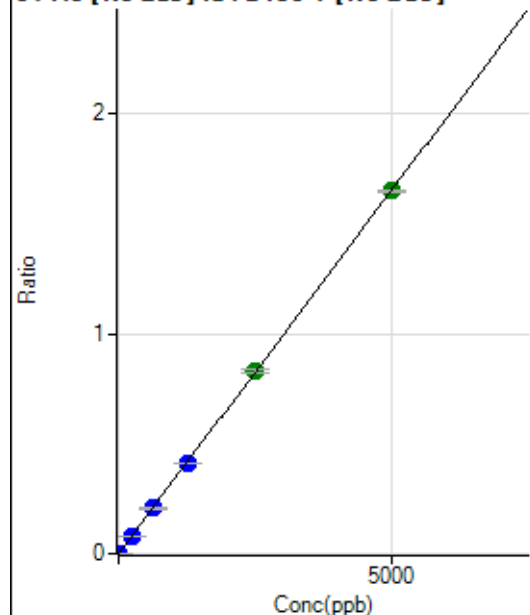
$$DL = 0.01327$$

$$BEC = 0.03886$$

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	169.45	0.0000	P	14.7
2	☐	5.000	4.483	16554.39	0.0015	P	1.8
3	☐	250.000	246.648	914322.35	0.0815	P	0.7
4	☐	625.000	622.133	2272408.78	0.2056	P	1.3
5	☐	1250.000	1239.289	4402589.16	0.4095	P	1.1
6	☐	2500.000	2517.397	8777844.20	0.8319	A	1.3
7	☐	5000.000	4994.506	17567997.79	1.6505	A	0.3
8	☐			6282.11	0.0006	P	1.8

$$y = 3.3045E-004 * x + 1.5757E-005$$

$$R = 1.0000$$

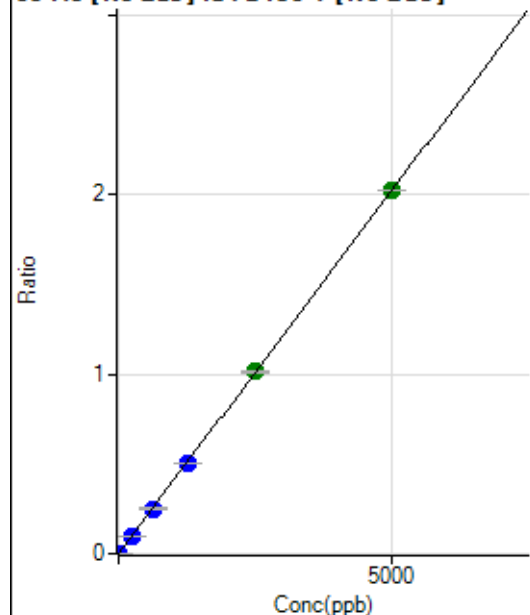
$$DL = 0.02105$$

$$BEC = 0.04768$$

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	41.67	0.0000	P	1.7
2	☐	5.000	4.636	20771.00	0.0019	P	0.8
3	☐	250.000	246.960	1120148.62	0.0999	P	1.2
4	☐	625.000	620.523	2773586.69	0.2509	P	1.1
5	☐	1250.000	1238.870	5385907.50	0.5010	P	0.9
6	☐	2500.000	2505.772	10692202.58	1.0133	A	1.9
7	☐	5000.000	5000.608	21525607.08	2.0223	A	0.1
8	☐			6476.62	0.0006	P	3.0

$$y = 4.0440E-004 * x + 3.8759E-006$$

$$R = 1.0000$$

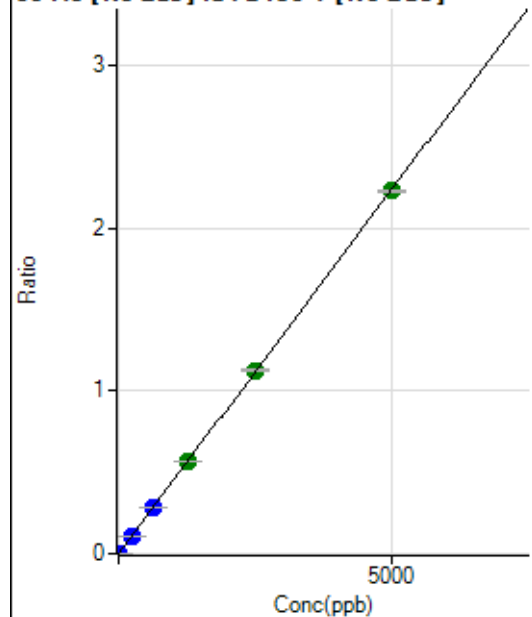
$$DL = 0.0004925$$

$$BEC = 0.009584$$

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	108.34	0.0000	P	1.7
2	☐	5.000	4.630	22977.24	0.0021	P	3.2
3	☐	250.000	247.252	1239040.49	0.1105	P	1.2
4	☐	625.000	623.072	3076903.91	0.2784	P	0.6
5	☐	1250.000	1268.220	6091310.99	0.5666	A	0.5
6	☐	2500.000	2521.439	11886650.18	1.1265	A	1.3
7	☐	5000.000	4985.104	23706821.02	2.2272	A	0.5
8	☐			8594.47	0.0008	P	7.2

$$y = 4.4677\text{E-}004 * x + 1.0077\text{E-}005$$

$$R = 1.0000$$

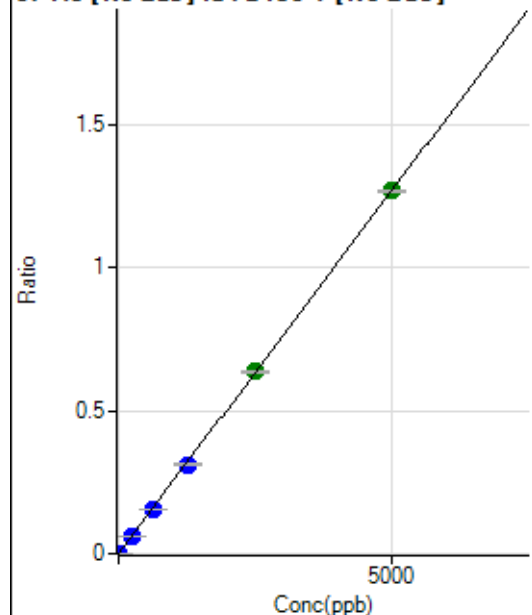
$$DL = 0.001159$$

$$BEC = 0.02256$$

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	25.00	0.0000	P	32.6
2	☐	5.000	4.721	13264.80	0.0012	P	2.3
3	☐	250.000	247.033	702525.56	0.0626	P	1.4
4	☐	625.000	618.866	1734410.04	0.1569	P	1.0
5	☐	1250.000	1231.861	3357858.32	0.3124	P	0.5
6	☐	2500.000	2508.360	6711081.66	0.6360	A	0.9
7	☐	5000.000	5001.270	13498075.30	1.2681	A	0.6
8	☐			3947.88	0.0004	P	8.2

$$y = 2.5356\text{E-}004 * x + 2.3199\text{E-}006$$

$$R = 1.0000$$

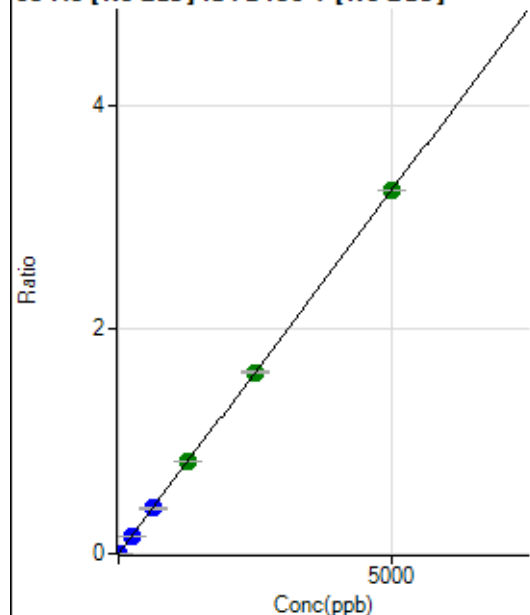
$$DL = 0.008949$$

$$BEC = 0.009149$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	43.8
2	☐	5.000	4.619	33133.54	0.0030	P	2.1
3	☐	250.000	246.720	1791474.41	0.1597	P	1.0
4	☐	625.000	623.583	4462158.61	0.4037	P	0.6
5	☐	1250.000	1267.140	8818834.40	0.8204	A	0.9
6	☐	2500.000	2497.732	17062464.96	1.6170	A	1.0
7	☐	5000.000	4997.191	34435891.74	3.2352	A	0.2
8	☐			9211.51	0.0009	P	9.8

$$y = 6.4740\text{E-}004 * x + 6.1826\text{E-}006$$

$$R = 1.0000$$

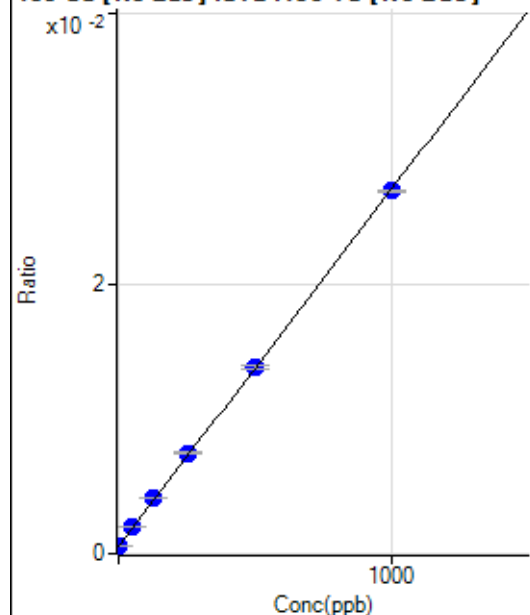
$$DL = 0.01254$$

$$BEC = 0.00955$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4825.94	0.0006	P	2.9
2	☐	1.000	2.189	5367.83	0.0006	P	5.3
3	☐	50.000	55.767	18114.73	0.0020	P	3.1
4	☐	125.000	134.549	37174.17	0.0041	P	0.8
5	☐	250.000	261.306	66955.09	0.0075	P	2.6
6	☐	500.000	500.584	123153.19	0.0138	P	1.9
7	☐	1000.000	995.399	239001.62	0.0269	P	0.6
8	☐			5256.67	0.0006	P	0.6

$$y = 2.6470\text{E-}005 * x + 5.5082\text{E-}004$$

$$R = 0.9999$$

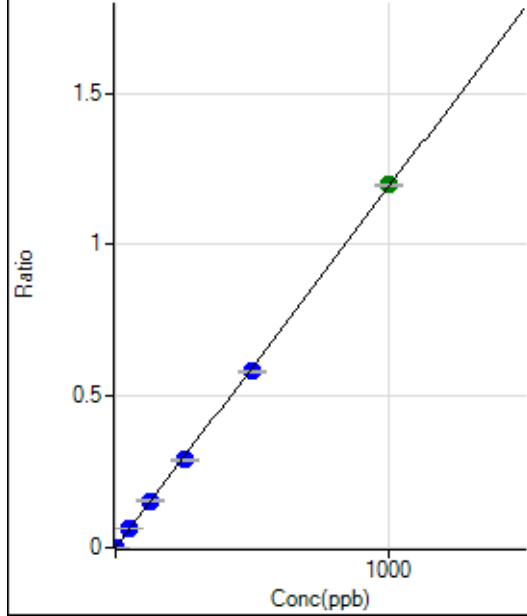
$$DL = 1.798$$

$$BEC = 20.81$$

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	77.78	0.0000	P	31.4
2	☐	1.000	0.988	10437.45	0.0012	P	0.7
3	☐	50.000	53.409	567730.54	0.0635	P	0.7
4	☐	125.000	130.674	1405084.44	0.1554	P	0.6
5	☐	250.000	243.110	2592909.28	0.2892	P	1.2
6	☐	500.000	488.261	5182183.93	0.5808	P	0.8
7	☐	1000.000	1006.712	10638878.02	1.1974	A	0.8
8	☐			12070.69	0.0014	P	130.6

$$y = 0.0012 * x + 8.8460E-006$$

$$R = 0.9998$$

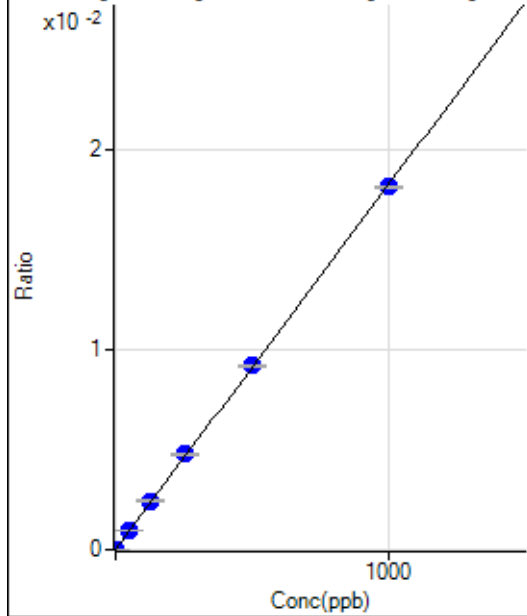
$$DL = 0.007011$$

$$BEC = 0.007437$$

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	66.67	0.0000	P	17.8
2	☐	1.000	0.937	218.06	0.0000	P	10.4
3	☐	50.000	54.353	8937.62	0.0010	P	0.9
4	☐	125.000	133.885	22171.58	0.0025	P	0.9
5	☐	250.000	261.191	42839.33	0.0048	P	1.4
6	☐	500.000	503.552	82124.33	0.0092	P	1.5
7	☐	1000.000	994.098	161370.12	0.0182	P	0.7
8	☐			134.73	0.0000	P	24.7

$$y = 1.8262E-005 * x + 7.6198E-006$$

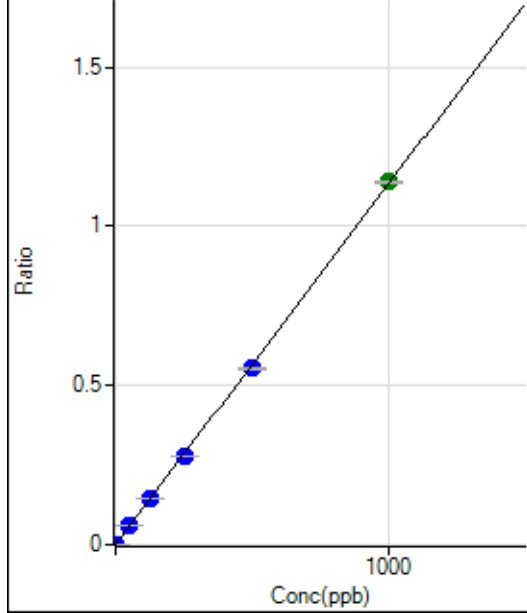
$$R = 0.9999$$

$$DL = 0.2232$$

$$BEC = 0.4172$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	82.4
2	☐	1.000	0.949	9508.98	0.0011	P	1.2
3	☐	50.000	53.518	541558.46	0.0606	P	1.2
4	☐	125.000	129.943	1330218.41	0.1472	P	0.2
5	☐	250.000	244.729	2485125.42	0.2771	P	0.9
6	☐	500.000	488.420	4935393.99	0.5531	P	0.5
7	☐	1000.000	1006.314	10125091.03	1.1396	A	0.6
8	☐			2855.93	0.0003	P	8.7

$$y = 0.0011 * x + 3.4583E-006$$

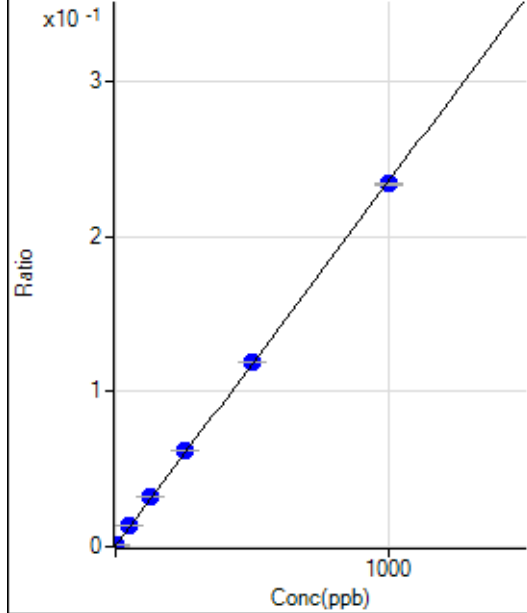
$$R = 0.9999$$

$$DL = 0.007546$$

$$BEC = 0.003054$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3370.38	0.0004	P	2.8
2	☐	1.000	1.170	5816.15	0.0007	P	3.0
3	☐	50.000	54.469	117810.62	0.0132	P	0.8
4	☐	125.000	133.945	288002.12	0.0319	P	0.4
5	☐	250.000	261.515	554457.22	0.0618	P	1.4
6	☐	500.000	504.416	1061088.40	0.1189	P	0.8
7	☐	1000.000	993.571	2077827.14	0.2339	P	0.4
8	☐			4158.99	0.0005	P	1.5

$$y = 2.3498E-004 * x + 3.8469E-004$$

$$R = 0.9999$$

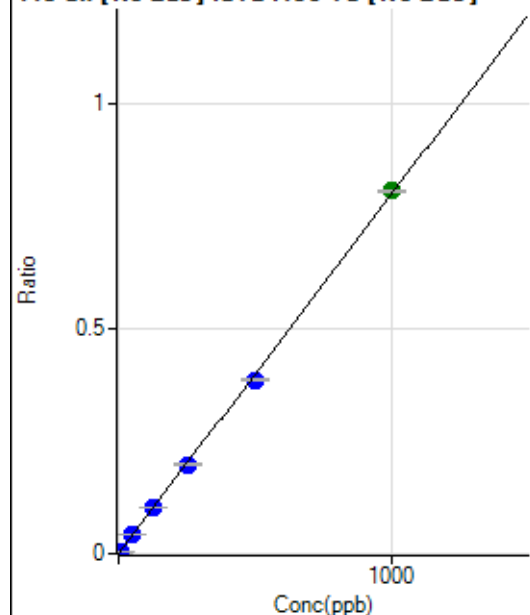
$$DL = 0.1357$$

$$BEC = 1.637$$

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	1877.96	0.0002	P	5.6
2	☐	5.000	4.623	34431.57	0.0039	P	0.4
3	☐	50.000	51.029	365927.56	0.0410	P	1.0
4	☐	125.000	126.360	913845.84	0.1011	P	0.8
5	☐	250.000	247.217	1771596.37	0.1976	P	1.2
6	☐	500.000	482.332	3437860.84	0.3853	P	0.9
7	☐	1000.000	1009.310	7161146.00	0.8060	A	0.8
8	☐			3564.44	0.0004	P	12.3

$$y = 7.9832\text{E-}004 * x + 2.1440\text{E-}004$$

$$R = 0.9998$$

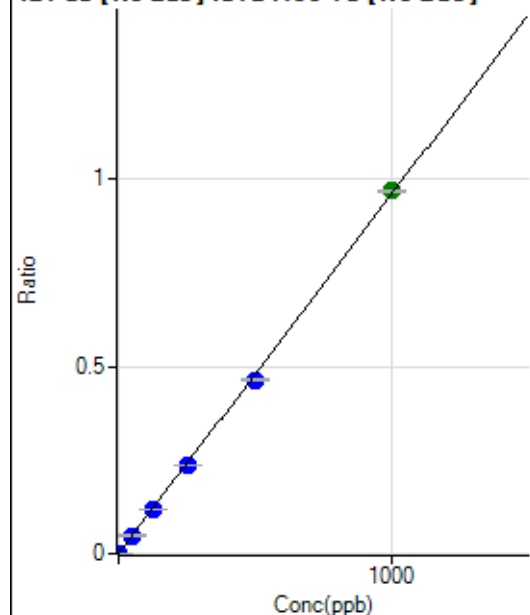
$$DL = 0.04528$$

$$BEC = 0.2686$$

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	177.78	0.0000	P	9.6
2	☐	2.000	1.839	15750.86	0.0018	P	1.2
3	☐	50.000	50.733	435463.64	0.0487	P	0.9
4	☐	125.000	124.883	1084115.16	0.1199	P	0.7
5	☐	250.000	245.641	2115046.47	0.2359	P	1.4
6	☐	500.000	482.184	4131466.24	0.4630	P	1.0
7	☐	1000.000	1009.976	8616405.23	0.9698	A	0.6
8	☐			4670.35	0.0005	P	1.9

$$y = 9.6017\text{E-}004 * x + 2.0271\text{E-}005$$

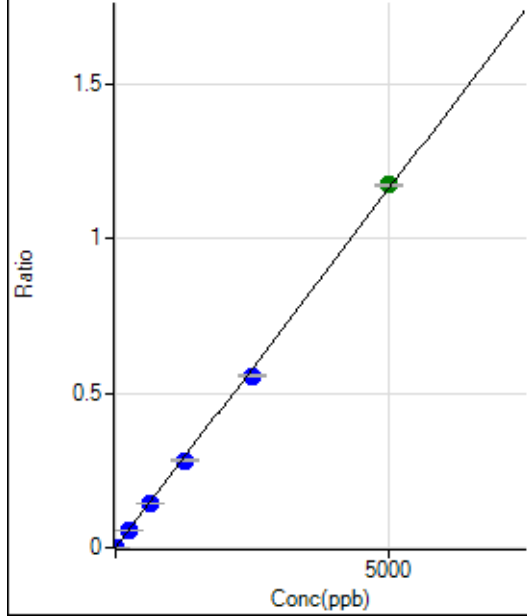
$$R = 0.9997$$

$$DL = 0.006076$$

$$BEC = 0.02111$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	65.8
2	☐	10.000	9.469	19400.09	0.0022	P	3.2
3	☐	250.000	251.280	520875.00	0.0583	P	0.7
4	☐	625.000	620.742	1301641.38	0.1440	P	0.8
5	☐	1250.000	1218.592	2534661.51	0.2827	P	1.2
6	☐	2500.000	2396.721	4960904.62	0.5560	P	0.6
7	☐	5000.000	5059.961	10428531.66	1.1737	A	0.7
8	☐			3872.86	0.0005	P	2.9

$$y = 2.3196\text{E-}004 * x + 3.8035\text{E-}006$$

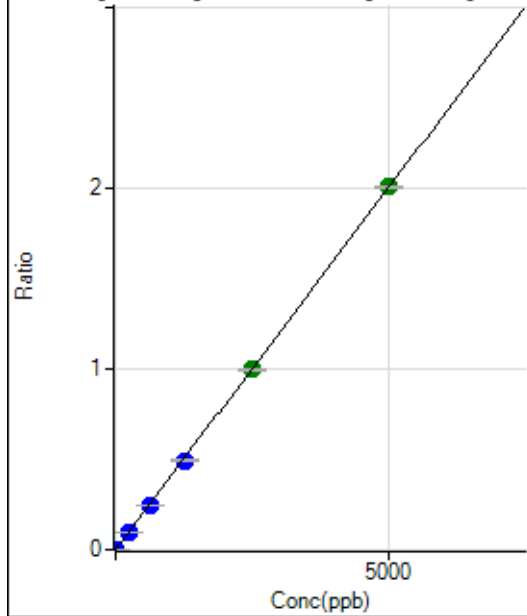
$$R = 0.9997$$

$$DL = 0.03239$$

$$BEC = 0.0164$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	57.8
2	☐	10.000	9.399	33226.28	0.0038	P	0.6
3	☐	250.000	251.238	898487.80	0.1005	P	0.5
4	☐	625.000	623.572	2255908.30	0.2496	P	0.0
5	☐	1250.000	1230.351	4414991.72	0.4924	P	1.4
6	☐	2500.000	2488.353	8885910.18	0.9958	A	0.9
7	☐	5000.000	5010.853	17816867.76	2.0053	A	0.7
8	☐			6643.43	0.0008	P	1.3

$$y = 4.0018\text{E-}004 * x + 7.2466\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03138$$

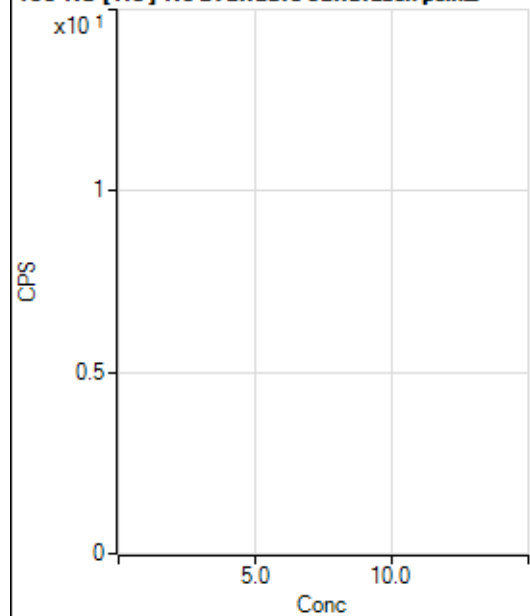
$$BEC = 0.01811$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			62.22		P	24.7
4	☐			120.00		P	20.0
5	☐			286.68		P	7.0
6	☐			513.36		P	8.1
7	☐			904.49		P	10.4
8	☐			82.23		P	16.9

150 Nd [He] No available calibration points

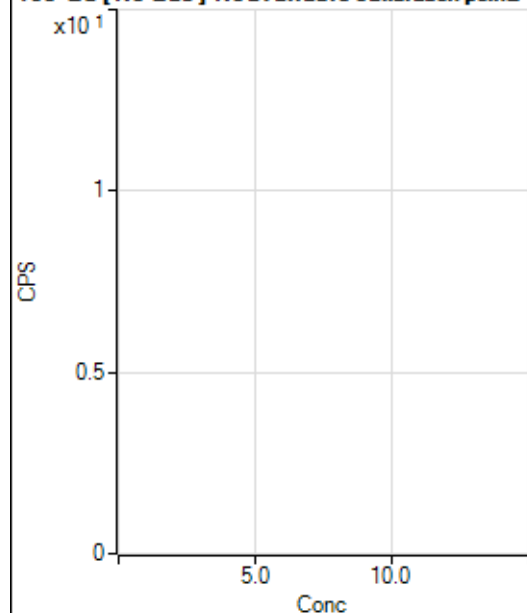
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			7.78		P	89.2
4	☐			23.33		P	28.6
5	☐			33.33		P	26.4
6	☐			81.11		P	11.9
7	☐			143.34		P	10.1
8	☐			37.78		P	22.2

156 Dy [No Gas] No available calibration points

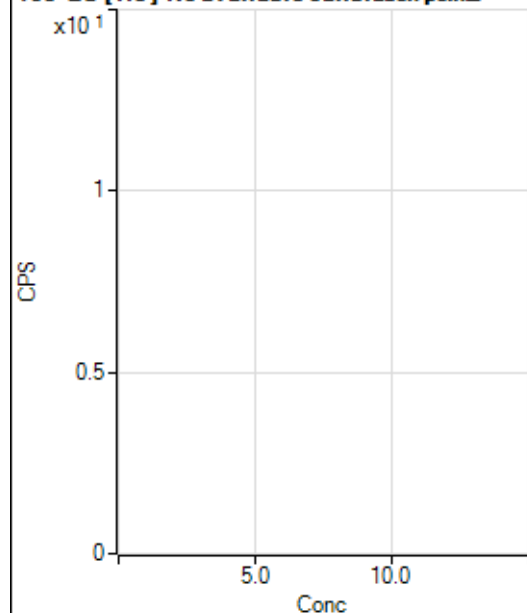
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			16.67		P	86.6
3	☐			44.44		P	21.7
4	☐			63.89		P	19.9
5	☐			144.45		P	39.3
6	☐			269.45		P	19.6
7	☐			613.92		P	9.0
8	☐			1655.70		P	3.1

156 Dy [He] No available calibration points

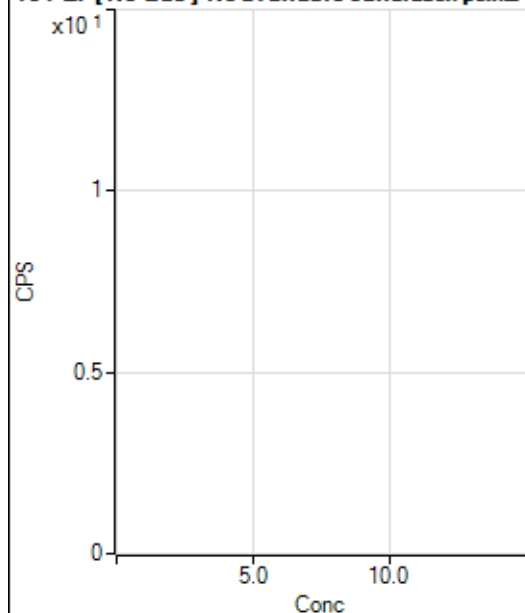
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			1.11		P	173.2
3	☐			18.89		P	56.7
4	☐			55.56		P	27.1
5	☐			95.56		P	13.2
6	☐			197.78		P	6.8
7	☐			372.23		P	4.2
8	☐			991.16		P	2.8

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

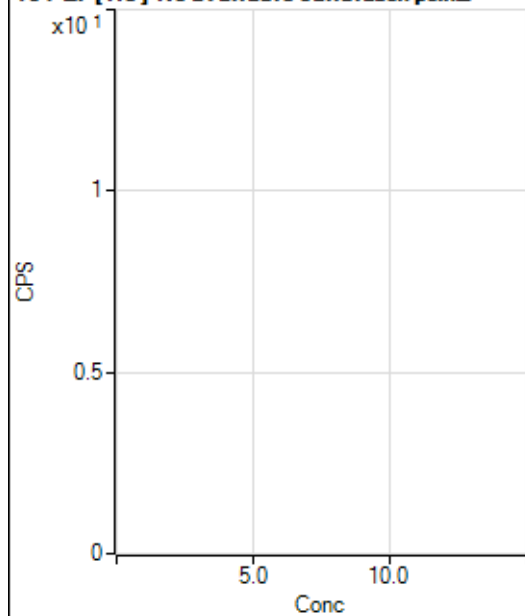
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	60.6
2	☐			77.78		P	22.3
3	☐			102.78		P	33.8
4	☐			100.00		P	30.0
5	☐			136.11		P	19.7
6	☐			236.12		P	7.3
7	☐			361.13		P	11.4
8	☐			1422.34		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			166.67		P	7.2
2	☐			144.45		P	7.4
3	☐			175.56		P	11.0
4	☐			178.89		P	15.2
5	☐			220.00		P	4.5
6	☐			256.67		P	12.4
7	☐			348.90		P	13.7
8	☐			1104.50		P	7.0

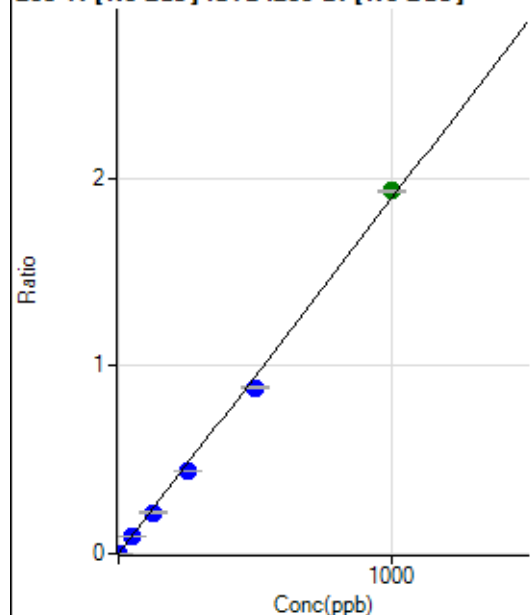
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.33		P	65.5
2	☐			44.44		P	21.7
3	☐			50.00		P	44.1
4	☐			58.34		P	24.7
5	☐			75.00		P	19.2
6	☐			66.67		P	12.5
7	☐			116.67		P	7.1
8	☐			238.90		P	7.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	63.8
2	☐			40.00		P	14.4
3	☐			42.22		P	29.9
4	☐			42.22		P	65.7
5	☐			38.89		P	34.6
6	☐			50.00		P	26.7
7	☐			65.56		P	30.6
8	☐			150.00		P	9.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	29.2
2	☐	1.000	0.862	8339.00	0.0017	P	3.7
3	☐	50.000	46.433	444774.36	0.0880	P	0.6
4	☐	125.000	116.271	1122033.74	0.2202	P	0.4
5	☐	250.000	233.004	2205001.61	0.4412	P	0.8
6	☐	500.000	467.266	4319187.81	0.8847	P	0.8
7	☐	1000.000	1021.886	9301836.84	1.9348	A	0.7
8	☐			4281.35	0.0010	P	10.1

$$y = 0.0019 * x + 4.2624E-005$$

$$R = 0.9991$$

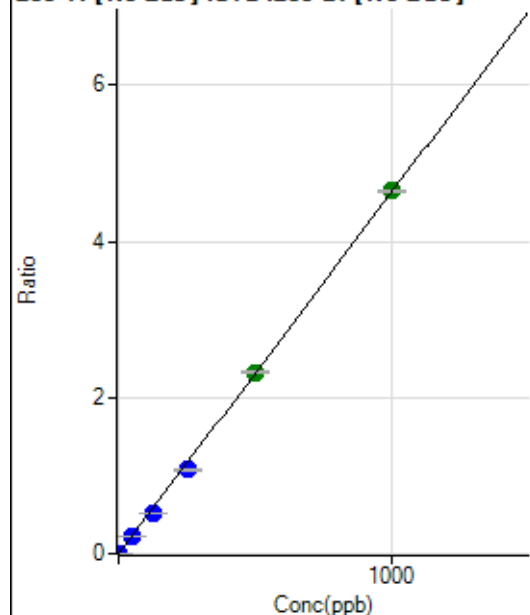
$$DL = 0.01974$$

$$BEC = 0.02251$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.92	0.0001	P	11.6
2	☐	1.000	0.859	20371.67	0.0041	P	1.2
3	☐	50.000	45.604	1067406.93	0.2111	P	0.6
4	☐	125.000	114.126	2691051.30	0.5281	P	0.3
5	☐	250.000	231.740	5358543.87	1.0722	P	0.3
6	☐	500.000	502.716	11354099.21	2.3258	A	0.4
7	☐	1000.000	1004.786	22347716.47	4.6484	A	0.7
8	☐			10084.73	0.0023	P	13.3

$$y = 0.0046 * x + 1.1523E-004$$

$$R = 0.9998$$

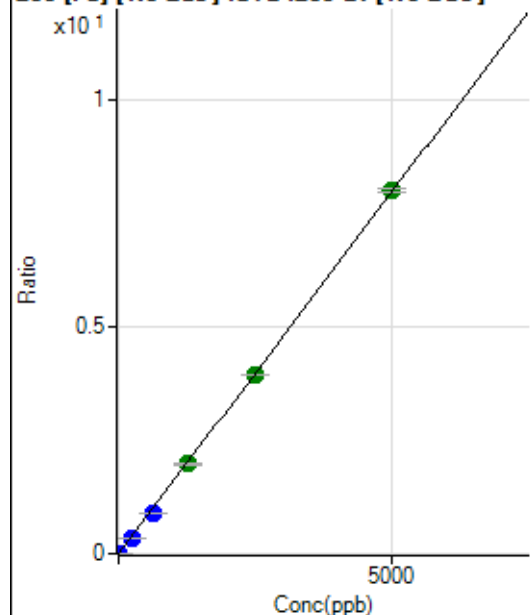
$$DL = 0.008676$$

$$BEC = 0.02491$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	963.02	0.0002	P	1.9
2	☐	1.000	0.830	7568.97	0.0015	P	2.9
3	☐	250.000	220.316	1776123.97	0.3512	P	1.0
4	☐	625.000	553.947	4498880.14	0.8828	P	0.3
5	☐	1250.000	1242.617	9896498.49	1.9801	A	0.9
6	☐	2500.000	2479.957	19291632.15	3.9517	A	0.2
7	☐	5000.000	5022.233	38473227.25	8.0025	A	1.0
8	☐			20035.71	0.0046	P	2.8

$$y = 0.0016 * x + 1.9694E-004$$

$$R = 0.9999$$

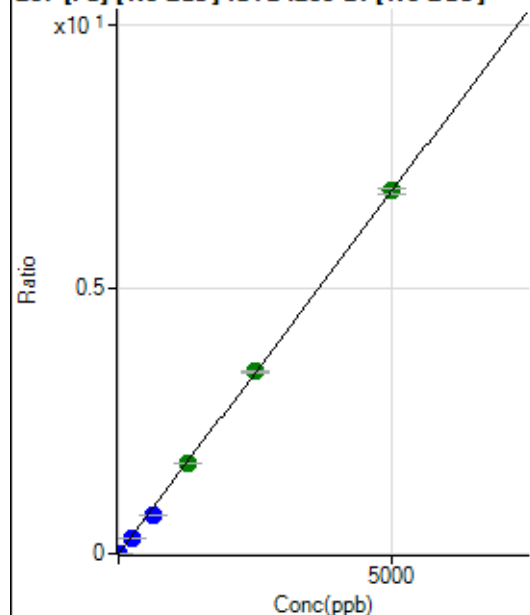
$$DL = 0.007208$$

$$BEC = 0.1236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	818.56	0.0002	P	5.4
2	☐	1.000	0.798	6271.97	0.0013	P	1.8
3	☐	250.000	215.213	1490653.94	0.2948	P	0.4
4	☐	625.000	540.625	3772277.11	0.7403	P	0.5
5	☐	1250.000	1241.962	8497878.20	1.7003	A	0.8
6	☐	2500.000	2510.457	16778238.80	3.4369	A	1.2
7	☐	5000.000	5009.067	32967336.38	6.8573	A	1.3
8	☐			17066.90	0.0040	P	2.1

$$y = 0.0014 * x + 1.6738E-004$$

$$R = 0.9999$$

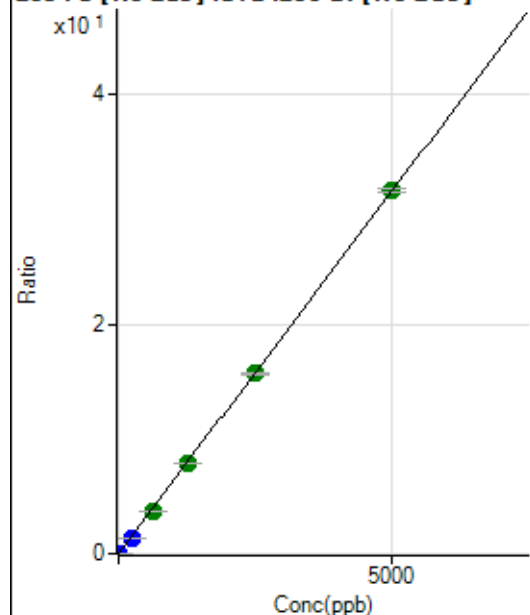
$$DL = 0.01995$$

$$BEC = 0.1223$$

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	3739.17	0.0008	P	3.3
2	☐	1.000	0.832	29925.02	0.0060	P	0.7
3	☐	250.000	218.995	6983370.38	1.3810	P	0.6
4	☐	625.000	585.090	18795405.86	3.6883	A	0.2
5	☐	1250.000	1246.774	39275331.08	7.8586	A	0.7
6	☐	2500.000	2492.915	76705764.45	15.7125	A	0.9
7	☐	5000.000	5010.888	151833653.3	31.5822	A	1.2
8	☐			78371.36	0.0182	P	1.6

$$y = 0.0063 * x + 7.6472E-004$$

$$R = 1.0000$$

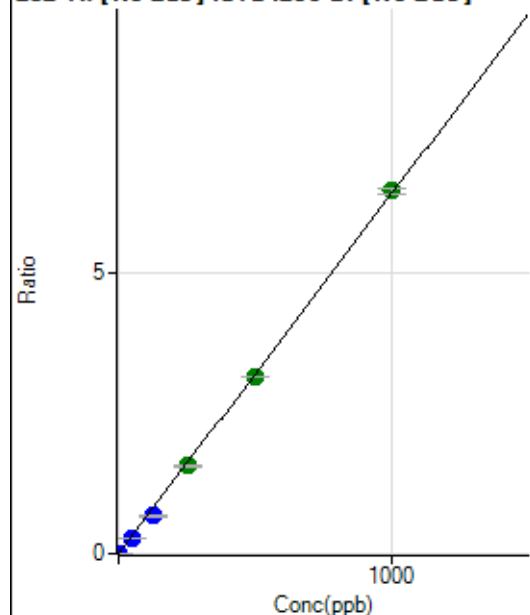
$$DL = 0.01191$$

$$BEC = 0.1213$$

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	203.71	0.0000	P	31.6
2	☐	1.000	0.000	220.38	0.0000	P	9.6
3	☐	50.000	41.064	1331866.79	0.2634	P	0.5
4	☐	125.000	104.326	3409556.61	0.6691	P	0.4
5	☐	250.000	244.308	7830537.73	1.5668	A	1.2
6	☐	500.000	491.911	15400506.25	3.1546	A	0.8
7	☐	1000.000	1008.500	31092389.58	6.4675	A	1.5
8	☐			7393.09	0.0017	P	9.6

$$y = 0.0064 * x + 4.1660E-005$$

$$R = 0.9998$$

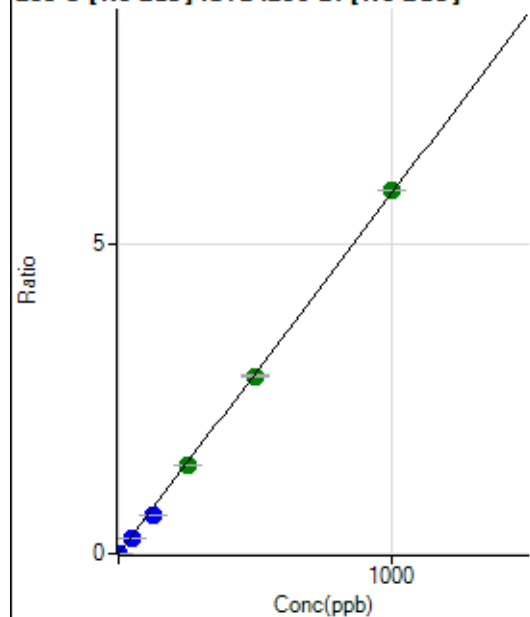
$$DL = 0.00616$$

$$BEC = 0.006496$$

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	72.23	0.0000	P	26.2
2	☐	1.000	0.757	22006.35	0.0044	P	2.1
3	☐	50.000	41.838	1231464.16	0.2435	P	1.6
4	☐	125.000	106.457	3157692.95	0.6197	P	0.4
5	☐	250.000	244.623	7116214.61	1.4238	A	0.9
6	☐	500.000	493.420	14020638.16	2.8720	A	0.4
7	☐	1000.000	1007.360	28189258.10	5.8634	A	0.1
8	☐			3567.28	0.0008	P	8.7

$$y = 0.0058 * x + 1.4755E-005$$

$$R = 0.9998$$

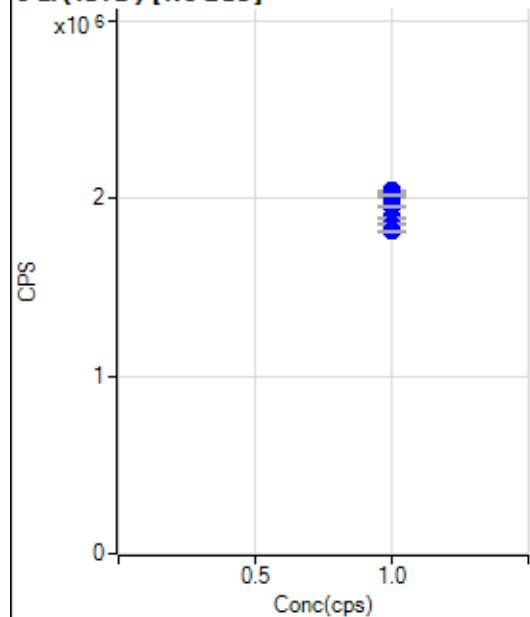
$$DL = 0.001993$$

$$BEC = 0.002535$$

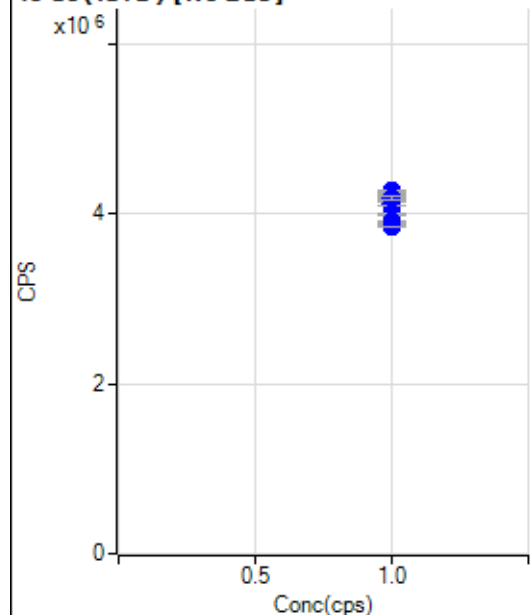
Weight: <None>

Min Conc: 0

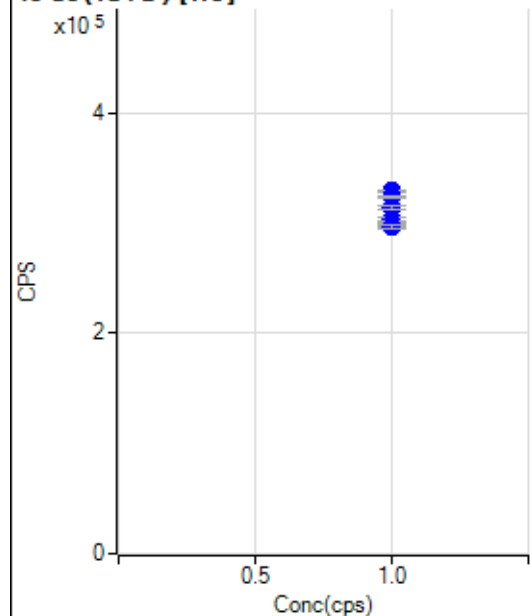
6 Li (ISTD) [No Gas]



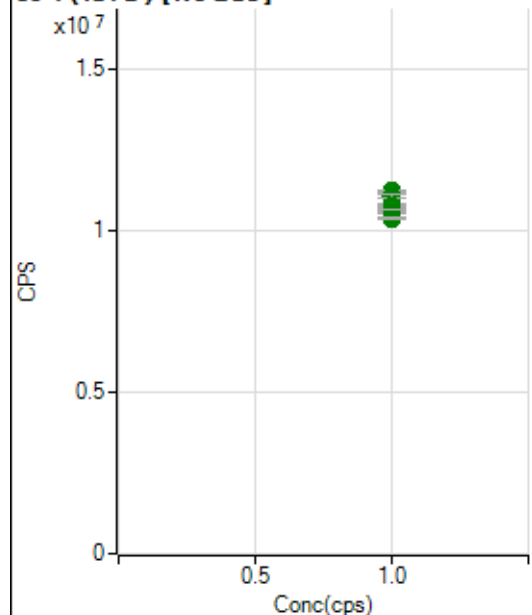
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2016759.31		P	1.0
2	☐	1.000		2017390.93		P	0.9
3	☐	1.000		2044364.55		P	0.7
4	☐	1.000		2022671.00		P	0.7
5	☐	1.000		1959855.89		P	0.6
6	☐	1.000		1893217.92		P	0.4
7	☐	1.000		1856478.50		P	0.6
8	☐	1.000		1817134.52		P	0.7

45 Sc (ISTD) [No Gas]

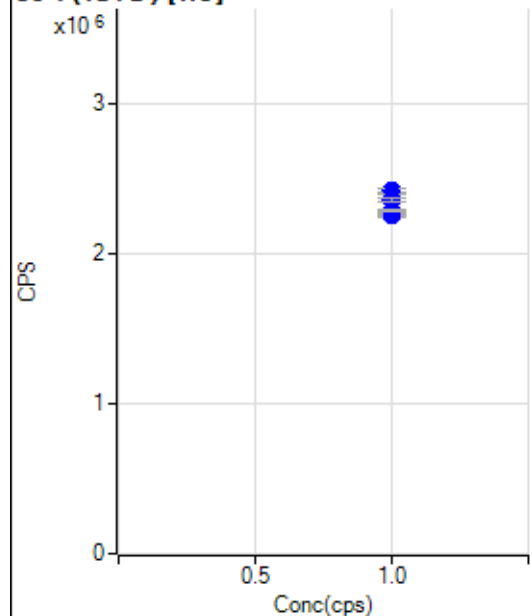
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4123850.98		P	1.2
2	☐	1.000		4220989.31		P	1.1
3	☐	1.000		4270386.64		P	0.8
4	☐	1.000		4186141.05		P	1.0
5	☐	1.000		3995858.65		P	0.5
6	☐	1.000		3906265.64		P	0.4
7	☐	1.000		3887487.68		P	0.3
8	☐	1.000		3841544.14		P	0.2

45 Sc (ISTD) [He]

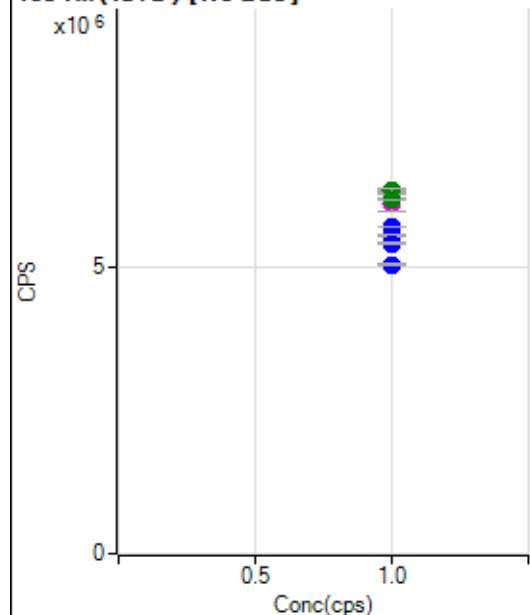
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		324547.16		P	0.5
2	☐	1.000		329303.46		P	0.3
3	☐	1.000		324137.45		P	0.8
4	☐	1.000		314327.95		P	1.2
5	☐	1.000		303664.31		P	1.1
6	☐	1.000		297770.56		P	0.8
7	☐	1.000		300720.59		P	0.6
8	☐	1.000		296537.18		P	0.9

89 Y (ISTD) [No Gas]

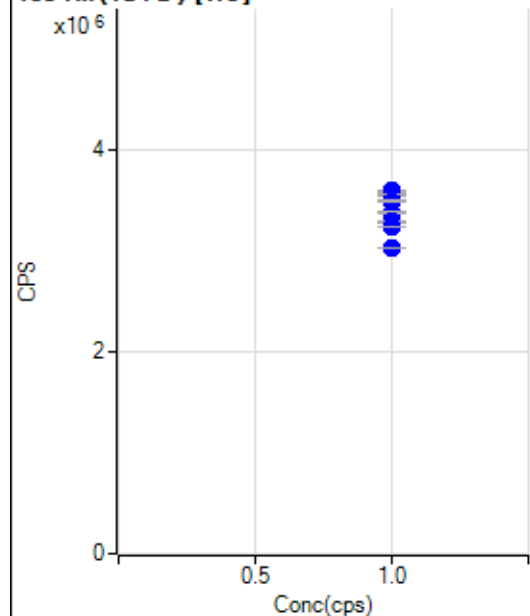
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10753021.85		A	1.7
2	☐	1.000		11057776.92		A	1.2
3	☐	1.000		11216053.02		A	0.8
4	☐	1.000		11053103.45		A	0.7
5	☐	1.000		10750429.70		A	0.6
6	☐	1.000		10551898.52		A	0.4
7	☐	1.000		10644260.26		A	0.5
8	☐	1.000		10354351.09		A	0.4

89 Y (ISTD) [He]

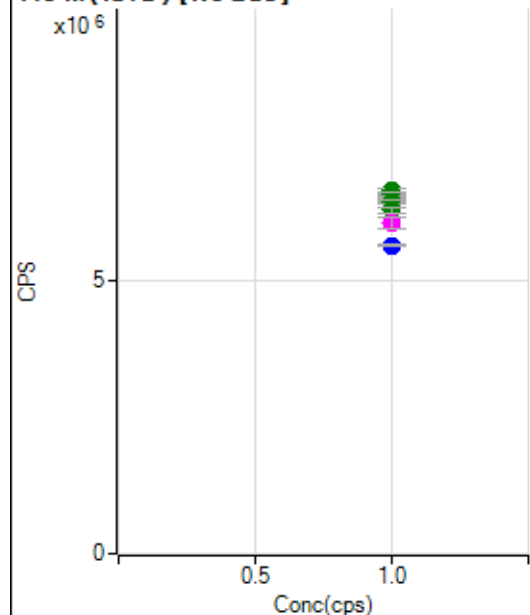
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2357704.11		P	1.2
2	☐	1.000		2415250.21		P	1.1
3	☐	1.000		2393764.86		P	0.3
4	☐	1.000		2353114.25		P	0.9
5	☐	1.000		2275266.94		P	0.8
6	☐	1.000		2249051.98		P	0.3
7	☐	1.000		2260528.68		P	0.5
8	☐	1.000		2284926.25		P	0.3

103 Rh (ISTD) [No Gas]

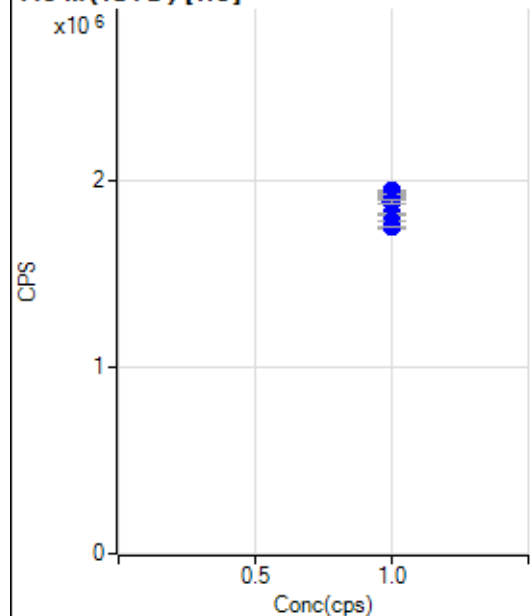
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6107553.17		M	3.8
2	☐	1.000		6326656.23		A	0.6
3	☐	1.000		6339767.27		A	1.4
4	☐	1.000		6183142.06		A	0.5
5	☐	1.000		5723679.98		P	0.2
6	☐	1.000		5550899.85		P	0.6
7	☐	1.000		5421768.60		P	0.3
8	☐	1.000		5055323.40		P	0.6

103 Rh (ISTD) [He]

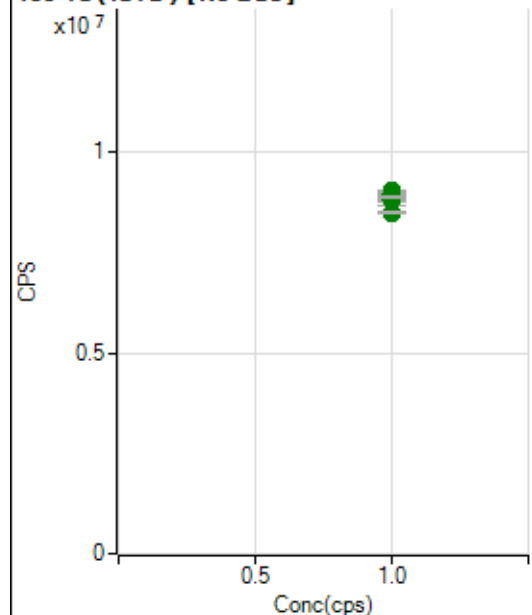
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3541045.26		P	0.5
2	☐	1.000		3590856.93		P	0.2
3	☐	1.000		3563337.79		P	0.2
4	☐	1.000		3488586.47		P	0.7
5	☐	1.000		3371901.31		P	0.7
6	☐	1.000		3287741.13		P	0.6
7	☐	1.000		3229955.16		P	0.2
8	☐	1.000		3023086.48		P	0.3

115 In (ISTD) [No Gas]

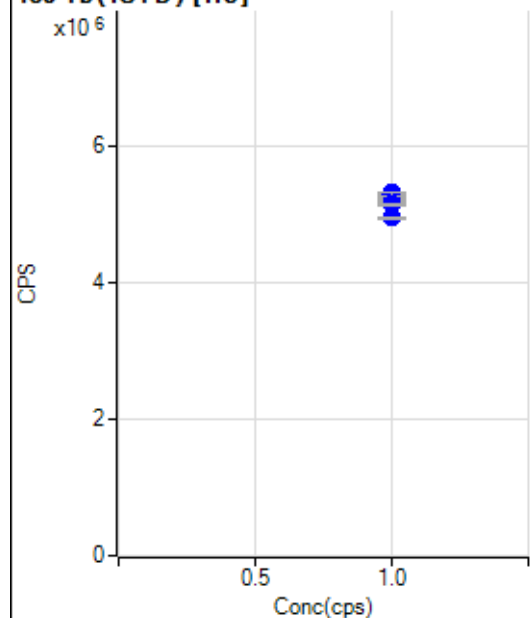
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6500465.16		A	1.2
2	☐	1.000		6562454.22		A	0.9
3	☐	1.000		6664273.40		A	1.0
4	☐	1.000		6595513.62		A	0.9
5	☐	1.000		6480107.19		A	1.0
6	☐	1.000		6312198.70		A	1.6
7	☐	1.000		6079491.36		M	3.9
8	☐	1.000		5659005.63		P	0.6

115 In (ISTD) [He]

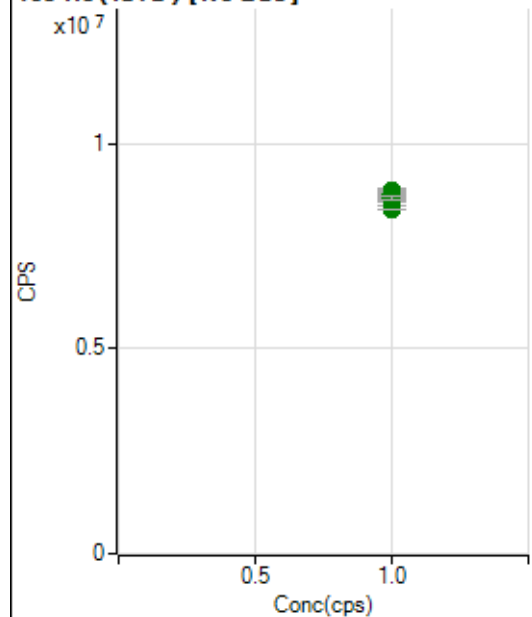
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1908177.18		P	0.4
2	☐	1.000		1942064.90		P	0.7
3	☐	1.000		1924489.99		P	0.2
4	☐	1.000		1882191.64		P	0.8
5	☐	1.000		1820323.15		P	0.6
6	☐	1.000		1781028.99		P	0.3
7	☐	1.000		1747096.22		P	0.3
8	☐	1.000		1747606.55		P	0.2

159 Tb (ISTD) [No Gas]

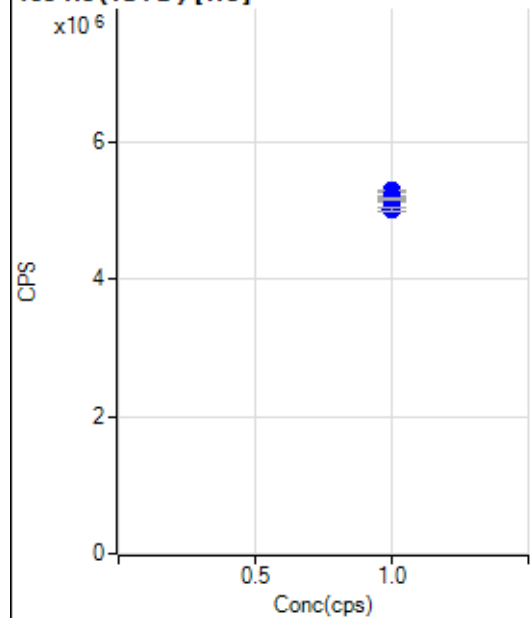
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8763917.09		A	1.6
2	☐	1.000		8816562.99		A	1.0
3	☐	1.000		8936107.64		A	0.9
4	☐	1.000		9039852.02		A	0.4
5	☐	1.000		8967635.42		A	1.1
6	☐	1.000		8923372.16		A	0.3
7	☐	1.000		8885284.03		A	0.7
8	☐	1.000		8504368.41		A	0.7

159 Tb (ISTD) [He]

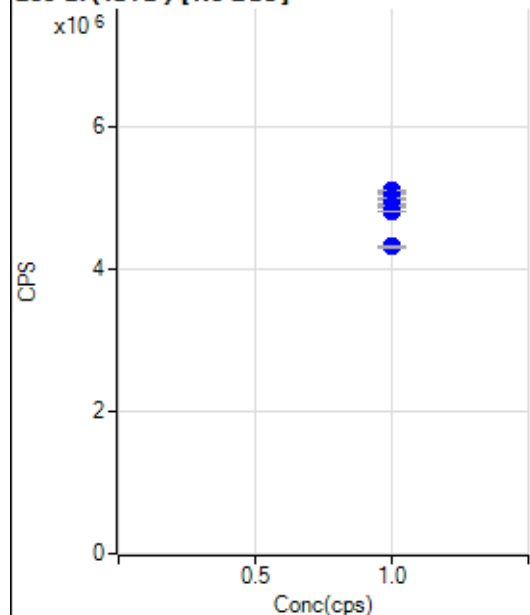
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5204246.97		P	0.5
2	☐	1.000		5257252.70		P	0.3
3	☐	1.000		5313500.96		P	0.6
4	☐	1.000		5300196.80		P	0.9
5	☐	1.000		5145284.02		P	1.2
6	☐	1.000		5141839.89		P	0.1
7	☐	1.000		5144569.30		P	0.6
8	☐	1.000		4947446.63		P	0.4

165 Ho (ISTD) [No Gas]

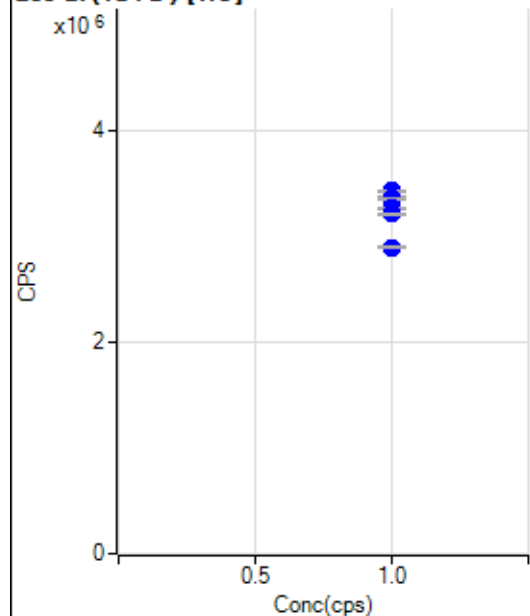
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8573698.00		A	1.8
2	☐	1.000		8628560.22		A	0.8
3	☐	1.000		8836620.77		A	1.5
4	☐	1.000		8857215.77		A	0.5
5	☐	1.000		8774659.73		A	1.4
6	☐	1.000		8711622.51		A	0.3
7	☐	1.000		8686986.75		A	1.0
8	☐	1.000		8407162.72		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5183866.59		P	0.4
2	☐	1.000		5270558.32		P	0.1
3	☐	1.000		5290927.91		P	0.4
4	☐	1.000		5289338.84		P	0.4
5	☐	1.000		5206283.74		P	0.8
6	☐	1.000		5145657.01		P	0.5
7	☐	1.000		5169648.88		P	0.6
8	☐	1.000		5013630.69		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4890321.35		P	1.1
2	☐	1.000		4979241.94		P	0.9
3	☐	1.000		5056827.18		P	0.4
4	☐	1.000		5095914.54		P	0.1
5	☐	1.000		4997804.68		P	0.3
6	☐	1.000		4881880.83		P	0.3
7	☐	1.000		4807695.59		P	0.4
8	☐	1.000		4312195.49		P	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3378759.19		P	0.8
2	☐	1.000		3428712.69		P	0.1
3	☐	1.000		3431177.76		P	0.2
4	☐	1.000		3437479.85		P	0.8
5	☐	1.000		3362278.74		P	0.7
6	☐	1.000		3278860.46		P	0.5
7	☐	1.000		3219817.45		P	0.3
8	☐	1.000		2903739.19		P	0.5

US EPA Tune Check Sample Report

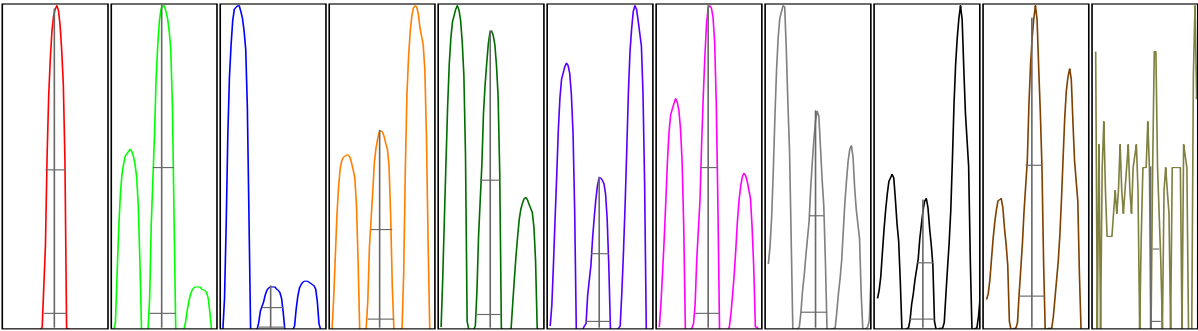
Batch Folder C:\Agilent\ICPMH\1\DATA\P7101721SMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10918	4.28	5.00	
24	92578	4.06	5.00	
25	12666	4.35	5.00	
26	13840	3.99	5.00	
59	23493	4.26	5.00	
113	11773	4.67	5.00	
115	34689	4.16	5.00	
206	16323	4.47	5.00	
207	14021	4.79	5.00	
208	34005	4.70	5.00	
220	0	35.97		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	11051	11141	11201	10089	11110
24	93658	94024	95156	85929	94124
25	12867	12965	13009	11692	12798
26	13978	14116	14184	12862	14061
59	23746	23912	24140	21721	23944
113	11904	11982	12137	10801	12040
115	35178	35155	35719	32144	35250
206	16541	16555	16850	15037	16633
207	14216	14205	14573	12850	14262
208	34329	34484	35350	31236	34625
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	20502	9.00	8.9 - 9.1		0.687	0.900	
24	161201	23.95	23.9 - 24.1		0.767	0.900	
25	21251	24.95	24.9 - 25.1		0.778	0.900	
26	24200	25.95	25.9 - 26.1		0.773	0.900	
59	43819	59.00	58.9 - 59.1		0.729	0.900	
113	23530	113.00	112.9 - 113.1		0.692	0.900	
115	70704	115.00	114.9 - 115.1		0.715	0.900	
206	36094	205.95	205.9 - 206.1		0.740	0.900	
207	29765	206.90	206.9 - 207.1		0.692	0.900	
208	72356	207.90	207.9 - 208.1		0.730	0.900	
220	0	220.20	-		0.292		

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	11.0	V	Deflect	13.8	V
Extract 2	-205.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8292	0.39	
89	32009	0.67	
205	15982	0.37	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8266	8279	8298	8273	8345
89	31668	32183	32016	31971	32205
205	16021	15970	15892	15983	16044

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	10.5	V	Deflect	2.6	V
Extract 2	-195.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.13	-0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	0.12	-0.02	0.00	N/A	ppb
Boron	11-1	0.11	-0.14	0.03	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	-0.04	0.00	0.00	N/A	ppb
Cadmium	106-1	0.53	-0.65	0.11	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.08	0.02	0.00	N/A	ppb
Calcium	43-1	3.53	-1.93	-1.60	0.00	N/A	ppb
Calcium	44-1	0.62	-1.20	0.59	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.02	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.05	0.02	0.04	0.00	N/A	ppb
Iron	57-2	0.33	0.01	-0.34	0.00	N/A	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.45	-0.49	0.04	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	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	0.06	-0.05	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	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	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-4.61	4.65	-1.20	-0.39		ppb
Potassium	39-2	1.06	-0.70	-0.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.21	-0.36	0.57	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.64	0.04	0.60	0.00	N/A	ppb
Silicon	28-1	0.95	-0.29	-0.66	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	-0.17	0.59	-0.43	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	397.17	-65.08	188.41	173.50	133.42	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	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	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.01	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.06	0.01	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:42:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.92	17.63	18.89	18.48	4.00	ppb
Antimony	121-1	1.81	1.85	1.85	1.84	1.16	ppb
Arsenic	75-2	0.94	1.08	1.02	1.01	6.76	ppb
Barium	135-1	9.13	9.71	9.57	9.47	3.17	ppb
Barium	137-1	9.33	9.42	9.44	9.40	0.63	ppb
Beryllium	9-1	0.96	0.98	0.91	0.95	3.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	23.75	23.48	22.94	23.39	1.75	ppb
Boron	11-1	23.11	23.14	23.34	23.20	0.54	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.19	1.08	1.24	1.17	7.11	ppb
Cadmium	106-1	2.65	0.81	3.10	2.19	55.51	ppb
Cadmium	108-1	0.78	1.06	0.96	0.94	15.01	ppb
Calcium	43-1	494.48	455.69	478.12	476.10	4.09	ppb
Calcium	44-1	488.39	474.90	480.99	481.42	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.86	1.85	1.87	1.53	ppb
Cobalt	59-2	0.94	0.96	0.95	0.95	0.66	ppb
Copper	63-2	1.65	1.69	1.68	1.68	1.17	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				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	47.10	47.50	47.23	47.27	0.43	ppb
Iron	57-2	43.89	49.32	45.91	46.37	5.92	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:42:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49.66	50.74	49.18	49.86	1.61	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.80	0.84	0.83	3.36	ppb
Lead	207-1	0.79	0.82	0.79	0.80	2.13	ppb
Lead	208-1	0.83	0.84	0.83	0.83	0.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	435.44	428.61	437.50	433.85	1.07	ppb
Manganese	55-2	0.91	0.95	0.96	0.94	2.94	ppb
Molybdenum	94-1	4.57	4.41	4.48	4.48	1.81	ppb
Molybdenum	95-1	4.67	4.60	4.64	4.64	0.80	ppb
Molybdenum	96-1	4.80	4.58	4.51	4.63	3.21	ppb
Molybdenum	97-1	4.66	4.67	4.84	4.72	2.26	ppb
Molybdenum	98-1	4.70	4.64	4.52	4.62	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.97	1.00	1.03	7.62	ppb
Phosphorus	31-2	5.96	-1.26	-3.54	0.39	1279.52	ppb
Potassium	39-2	463.12	463.34	470.45	465.64	0.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.44	5.34	4.01	4.93	16.21	ppb
Selenium	77-2	3.72	6.93	5.24	5.30	30.32	ppb
Selenium	78-2	4.58	4.96	6.12	5.22	15.39	ppb
Silicon	28-1	7.79	7.62	7.04	7.48	5.30	ppb
Silver	107-1	1.00	0.99	0.98	0.99	0.74	ppb
Silver	109-1	0.94	0.94	0.96	0.95	1.25	ppb
Sodium	23-2	445.08	437.28	446.45	442.94	1.12	ppb
Strontium	86-1	0.11	0.11	0.10	0.11	5.00	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	2.67	ppb
Sulfur	34-1	111.57	-151.53	-480.54	-173.50		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.84	0.85	0.90	0.86	3.80	ppb
Thallium	205-1	0.85	0.86	0.87	0.86	1.24	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:42:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	164.20	ppb
Tin	118-1	4.61	4.64	4.61	4.62	0.38	ppb
Titanium	47-1	4.57	4.31	5.04	4.64	8.02	ppb
Uranium	238-1	0.74	0.75	0.77	0.76	2.13	ppb
Vanadium	51-2	4.66	4.81	4.74	4.74	1.54	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2.32	2.31	2.44	2.35	3.06	ppb
Zirconium	90-1	0.84	0.87	0.87	0.86	2.11	ppb
Zirconium	91-1	0.92	0.80	0.91	0.88	8.01	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:45:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	910.33	910.95	918.87	913.38	0.52	ppb
Antimony	121-1	50.95	51.02	50.23	50.73	0.86	ppb
Arsenic	75-2	51.79	51.79	50.71	51.43	1.21	ppb
Barium	135-1	252.60	251.96	249.28	251.28	0.70	ppb
Barium	137-1	252.73	250.96	250.02	251.24	0.55	ppb
Beryllium	9-1	52.07	51.62	52.05	51.92	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	48.97	48.34	49.53	48.94	1.22	ppb
Boron	11-1	49.36	50.53	51.00	50.30	1.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.40	54.95	54.05	54.47	0.83	ppb
Cadmium	106-1	53.62	58.30	55.38	55.77	4.23	ppb
Cadmium	108-1	54.64	54.62	53.79	54.35	0.89	ppb
Calcium	43-1	5246.32	5380.36	5347.31	5324.66	1.31	ppb
Calcium	44-1	5240.60	5232.48	5281.23	5251.44	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.79	51.49	51.82	51.70	0.35	ppb
Cobalt	59-2	49.99	50.38	50.39	50.25	0.45	ppb
Copper	63-2	501.47	500.81	504.58	502.29	0.40	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				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	2535.00	2621.39	2631.28	2595.89	2.04	ppb
Iron	57-2	2484.61	2503.30	2497.41	2495.11	0.38	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:45:15	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2585.92	2599.34	2625.48	2603.58	0.77	ppb
Krypton	83-1						cps
Lead	206-1	217.67	221.93	221.34	220.32	1.05	ppb
Lead	207-1	214.61	214.86	216.17	215.21	0.39	ppb
Lead	208-1	218.24	218.33	220.41	218.99	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	4830.23	4844.09	4887.84	4854.05	0.62	ppb
Manganese	55-2	491.74	495.34	497.84	494.97	0.62	ppb
Molybdenum	94-1	244.80	247.15	248.00	246.65	0.67	ppb
Molybdenum	95-1	243.48	248.74	248.66	246.96	1.22	ppb
Molybdenum	96-1	243.94	248.79	249.02	247.25	1.16	ppb
Molybdenum	97-1	243.31	247.85	249.95	247.03	1.37	ppb
Molybdenum	98-1	244.01	247.09	249.06	246.72	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.65	54.06	54.38	54.03	0.68	ppb
Phosphorus	31-2	1054.79	1016.09	1082.22	1051.03	3.16	ppb
Potassium	39-2	2629.73	2592.07	2626.94	2616.24	0.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	51.90	52.38	53.68	52.66	1.75	ppb
Selenium	77-2	47.10	51.30	48.14	48.85	4.48	ppb
Selenium	78-2	50.54	50.92	53.65	51.70	3.28	ppb
Silicon	28-1	48.46	50.08	51.60	50.05	3.14	ppb
Silver	107-1	53.63	53.63	52.97	53.41	0.72	ppb
Silver	109-1	53.97	53.79	52.79	53.52	1.19	ppb
Sodium	23-2	4820.08	4866.87	4920.76	4869.23	1.03	ppb
Strontium	86-1	48.82	48.97	49.31	49.03	0.51	ppb
Strontium	88-1	50.77	50.51	50.64	50.64	0.26	ppb
Sulfur	34-1	686.68	625.83	713.65	675.39	6.66	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	46.16	46.46	46.68	46.43	0.56	ppb
Thallium	205-1	45.30	45.73	45.79	45.60	0.59	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:45:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	41.05	40.88	41.27	41.06	0.48	ppb
Tin	118-1	51.36	51.28	50.44	51.03	1.00	ppb
Titanium	47-1	247.04	249.93	251.49	249.48	0.91	ppb
Uranium	238-1	41.38	41.54	42.59	41.84	1.58	ppb
Vanadium	51-2	50.81	50.96	51.55	51.10	0.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	502.37	509.69	506.77	506.28	0.73	ppb
Zirconium	90-1	48.88	48.76	49.12	48.92	0.37	ppb
Zirconium	91-1	49.89	50.91	50.96	50.59	1.20	ppb

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:48:21 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2246.24	2247.30	2290.77	2261.44	1.12	ppb
Antimony	121-1	124.11	124.74	125.80	124.88	0.68	ppb
Arsenic	75-2	127.95	127.89	128.96	128.27	0.47	ppb
Barium	135-1	615.29	622.02	624.91	620.74	0.79	ppb
Barium	137-1	623.79	623.68	623.24	623.57	0.05	ppb
Beryllium	9-1	129.30	131.50	130.86	130.55	0.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	123.35	127.28	127.01	125.88	1.74	ppb
Boron	11-1	121.31	127.53	127.84	125.56	2.94	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	133.74	134.52	133.57	133.95	0.38	ppb
Cadmium	106-1	134.00	133.66	135.99	134.55	0.93	ppb
Cadmium	108-1	133.37	135.27	133.02	133.88	0.90	ppb
Calcium	43-1	13231.49	13363.78	13290.92	13295.40	0.50	ppb
Calcium	44-1	12707.80	12590.21	12857.47	12718.50	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.59	128.75	131.56	129.63	1.29	ppb
Cobalt	59-2	125.19	124.98	127.83	126.00	1.26	ppb
Copper	63-2	1242.59	1239.05	1263.83	1248.49	1.07	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				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	6487.03	6496.36	6639.31	6540.90	1.30	ppb
Iron	57-2	6287.79	6254.95	6351.50	6298.08	0.78	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:48:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6577.50	6539.46	6650.08	6589.01	0.85	ppb
Krypton	83-1						cps
Lead	206-1	555.59	553.69	552.56	553.95	0.28	ppb
Lead	207-1	538.18	543.49	540.20	540.62	0.50	ppb
Lead	208-1	586.13	584.71	584.42	585.09	0.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	12592.52	12724.49	12723.13	12680.05	0.60	ppb
Manganese	55-2	1241.14	1226.43	1262.19	1243.25	1.45	ppb
Molybdenum	94-1	618.41	631.42	616.57	622.13	1.30	ppb
Molybdenum	95-1	615.10	627.98	618.50	620.52	1.08	ppb
Molybdenum	96-1	620.65	627.60	620.97	623.07	0.63	ppb
Molybdenum	97-1	618.17	625.20	613.23	618.87	0.97	ppb
Molybdenum	98-1	622.53	627.93	620.29	623.58	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.18	132.95	134.17	133.10	0.76	ppb
Phosphorus	31-2	2547.39	2543.82	2607.32	2566.18	1.39	ppb
Potassium	39-2	6514.76	6502.39	6583.21	6533.45	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	130.09	131.81	128.30	130.07	1.35	ppb
Selenium	77-2	125.78	128.34	130.86	128.33	1.98	ppb
Selenium	78-2	126.53	131.91	132.11	130.18	2.43	ppb
Silicon	28-1	120.64	123.40	124.09	122.71	1.49	ppb
Silver	107-1	129.90	131.39	130.73	130.67	0.57	ppb
Silver	109-1	130.02	129.59	130.22	129.94	0.25	ppb
Sodium	23-2	12534.30	12639.39	12728.32	12634.00	0.77	ppb
Strontium	86-1	122.89	124.75	122.28	123.31	1.04	ppb
Strontium	88-1	126.37	130.13	126.43	127.64	1.69	ppb
Sulfur	34-1	2217.38	2199.55	2361.66	2259.53	3.93	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	116.41	116.70	115.69	116.27	0.45	ppb
Thallium	205-1	114.50	113.72	114.16	114.13	0.35	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:48:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	104.82	104.25	103.91	104.33	0.44	ppb
Tin	118-1	126.29	127.46	125.33	126.36	0.84	ppb
Titanium	47-1	618.06	628.38	622.08	622.84	0.84	ppb
Uranium	238-1	106.82	106.53	106.02	106.46	0.38	ppb
Vanadium	51-2	127.89	127.51	128.46	127.95	0.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1269.84	1261.76	1283.54	1271.71	0.87	ppb
Zirconium	90-1	123.07	124.81	123.37	123.75	0.75	ppb
Zirconium	91-1	127.15	128.28	126.96	127.46	0.56	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4466.43	4491.37	4457.77	4471.86	0.39	ppb
Antimony	121-1	247.33	241.81	247.79	245.64	1.35	ppb
Arsenic	75-2	254.98	256.54	257.31	256.27	0.46	ppb
Barium	135-1	1220.42	1202.74	1232.61	1218.59	1.23	ppb
Barium	137-1	1241.94	1210.53	1238.58	1230.35	1.40	ppb
Beryllium	9-1	258.20	257.41	257.47	257.69	0.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	240.85	251.73	258.85	250.47	3.62	ppb
Boron	11-1	244.46	246.93	253.07	248.15	1.79	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	262.58	257.30	264.67	261.51	1.45	ppb
Cadmium	106-1	261.65	253.94	268.33	261.31	2.76	ppb
Cadmium	108-1	264.91	257.64	261.02	261.19	1.39	ppb
Calcium	43-1	26539.66	26466.75	26563.60	26523.34	0.19	ppb
Calcium	44-1	25457.71	25699.24	25530.59	25562.51	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.84	259.01	255.24	256.36	0.90	ppb
Cobalt	59-2	247.35	250.17	247.57	248.37	0.63	ppb
Copper	63-2	2554.11	2631.94	2577.88	2587.97	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	12896.76	13010.79	12707.64	12871.73	1.19	ppb
Iron	57-2	12339.86	12492.61	12374.05	12402.17	0.65	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	12815.88	12973.13	12923.16	12904.06	0.62	ppb
Krypton	83-1						cps
Lead	206-1	1255.95	1234.68	1237.23	1242.62	0.93	ppb
Lead	207-1	1232.56	1252.80	1240.52	1241.96	0.82	ppb
Lead	208-1	1243.47	1256.43	1240.42	1246.77	0.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	25064.20	25007.70	24823.39	24965.10	0.50	ppb
Manganese	55-2	2531.41	2551.16	2532.06	2538.21	0.44	ppb
Molybdenum	94-1	1225.31	1252.73	1239.82	1239.29	1.11	ppb
Molybdenum	95-1	1231.12	1251.55	1233.94	1238.87	0.89	ppb
Molybdenum	96-1	1262.88	1267.47	1274.31	1268.22	0.45	ppb
Molybdenum	97-1	1224.46	1237.14	1233.99	1231.86	0.54	ppb
Molybdenum	98-1	1255.43	1268.63	1277.35	1267.14	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.93	266.24	259.88	262.02	1.40	ppb
Phosphorus	31-2	5069.96	5113.40	5108.11	5097.16	0.46	ppb
Potassium	39-2	12486.18	12644.25	12585.73	12572.05	0.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	257.99	259.30	257.92	258.40	0.30	ppb
Selenium	77-2	267.55	252.33	278.96	266.28	5.02	ppb
Selenium	78-2	259.50	258.45	251.57	256.50	1.68	ppb
Silicon	28-1	244.55	253.53	257.42	251.83	2.62	ppb
Silver	107-1	244.78	239.83	244.71	243.11	1.17	ppb
Silver	109-1	247.23	242.82	244.13	244.73	0.93	ppb
Sodium	23-2	24974.98	24871.99	24619.39	24822.12	0.74	ppb
Strontium	86-1	253.36	254.09	255.56	254.34	0.44	ppb
Strontium	88-1	252.35	258.27	255.24	255.29	1.16	ppb
Sulfur	34-1	4908.66	4986.93	4681.55	4859.04	3.26	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	230.97	234.14	233.90	233.00	0.76	ppb
Thallium	205-1	230.88	232.17	232.17	231.74	0.32	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	247.77	242.40	242.76	244.31	1.23	ppb
Tin	118-1	248.93	243.87	248.85	247.22	1.17	ppb
Titanium	47-1	1244.11	1242.69	1242.98	1243.26	0.06	ppb
Uranium	238-1	247.21	242.78	243.87	244.62	0.94	ppb
Vanadium	51-2	251.03	256.52	252.54	253.36	1.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2480.58	2543.65	2501.36	2508.53	1.28	ppb
Zirconium	90-1	244.10	247.32	246.86	246.09	0.71	ppb
Zirconium	91-1	251.13	254.86	253.96	253.31	0.77	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:54:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8711.30	8838.27	8728.03	8759.20	0.79	ppb
Antimony	121-1	480.60	487.55	478.40	482.18	0.99	ppb
Arsenic	75-2	498.61	500.24	501.89	500.25	0.33	ppb
Barium	135-1	2382.58	2411.14	2396.44	2396.72	0.60	ppb
Barium	137-1	2479.49	2515.06	2470.51	2488.35	0.95	ppb
Beryllium	9-1	497.74	506.39	499.37	501.16	0.92	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	492.52	494.17	499.10	495.26	0.69	ppb
Boron	11-1	480.19	499.01	499.28	492.82	2.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	502.52	508.99	501.74	504.42	0.79	ppb
Cadmium	106-1	498.35	511.54	491.86	500.58	2.00	ppb
Cadmium	108-1	495.98	511.22	503.46	503.55	1.51	ppb
Calcium	43-1	52172.56	52370.36	52109.31	52217.41	0.26	ppb
Calcium	44-1	49926.50	50012.20	49924.27	49954.33	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.97	508.67	505.00	506.22	0.42	ppb
Cobalt	59-2	484.34	491.05	484.38	486.59	0.79	ppb
Copper	63-2	5080.03	5047.10	5066.02	5064.38	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	25666.02	25499.81	25381.99	25515.94	0.56	ppb
Iron	57-2	24605.90	24414.74	24203.95	24408.20	0.82	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:54:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25538.01	25574.64	25439.69	25517.45	0.27	ppb
Krypton	83-1						cps
Lead	206-1	2475.07	2486.21	2478.59	2479.96	0.23	ppb
Lead	207-1	2493.73	2545.09	2492.55	2510.46	1.19	ppb
Lead	208-1	2471.62	2517.21	2489.91	2492.92	0.92	ppb
Lithium	6-1				94		%
Magnesium	24-2	48827.89	49146.41	48616.32	48863.54	0.55	ppb
Manganese	55-2	5024.75	5032.83	5025.62	5027.73	0.09	ppb
Molybdenum	94-1	2495.37	2553.56	2503.25	2517.40	1.25	ppb
Molybdenum	95-1	2469.33	2560.42	2487.57	2505.77	1.92	ppb
Molybdenum	96-1	2491.12	2554.27	2518.92	2521.44	1.26	ppb
Molybdenum	97-1	2500.13	2533.26	2491.69	2508.36	0.88	ppb
Molybdenum	98-1	2469.86	2520.28	2503.06	2497.73	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.84	514.04	506.79	511.22	0.76	ppb
Phosphorus	31-2	9977.37	10154.68	10044.86	10058.97	0.89	ppb
Potassium	39-2	24565.21	24596.44	24531.64	24564.43	0.13	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	501.42	509.82	502.75	504.66	0.89	ppb
Selenium	77-2	496.36	513.18	503.56	504.37	1.67	ppb
Selenium	78-2	502.99	503.97	505.54	504.17	0.26	ppb
Silicon	28-1	495.65	508.68	519.24	507.86	2.33	ppb
Silver	107-1	484.20	492.25	488.34	488.26	0.82	ppb
Silver	109-1	486.18	491.11	487.97	488.42	0.51	ppb
Sodium	23-2	48622.49	49265.58	48720.28	48869.45	0.71	ppb
Strontium	86-1	499.91	508.48	497.61	502.00	1.14	ppb
Strontium	88-1	501.40	507.69	498.88	502.66	0.90	ppb
Sulfur	34-1	10081.42	9770.11	9653.60	9835.05	2.25	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	469.27	463.06	469.47	467.27	0.78	ppb
Thallium	205-1	503.38	500.49	504.29	502.72	0.39	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:54:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	492.40	487.95	495.38	491.91	0.76	ppb
Tin	118-1	480.33	487.13	479.53	482.33	0.87	ppb
Titanium	47-1	2449.26	2461.67	2464.40	2458.44	0.33	ppb
Uranium	238-1	493.44	491.38	495.44	493.42	0.41	ppb
Vanadium	51-2	505.57	508.11	500.87	504.85	0.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	4894.49	4899.12	4889.08	4894.23	0.10	ppb
Zirconium	90-1	507.13	503.05	501.65	503.94	0.57	ppb
Zirconium	91-1	498.09	502.52	501.91	500.84	0.48	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:57:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17511.83	17226.90	17316.54	17351.76	0.84	ppb
Antimony	121-1	1016.03	1010.20	1003.70	1009.98	0.61	ppb
Arsenic	75-2	996.34	996.38	1000.76	997.83	0.25	ppb
Barium	135-1	5095.92	5053.71	5030.25	5059.96	0.66	ppb
Barium	137-1	5034.16	5030.27	4968.13	5010.85	0.74	ppb
Beryllium	9-1	1006.69	988.55	994.88	996.71	0.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	995.43	987.69	1023.58	1002.23	1.88	ppb
Boron	11-1	989.92	1002.19	1019.92	1004.01	1.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	997.95	990.68	992.08	993.57	0.39	ppb
Cadmium	106-1	1001.94	992.20	992.05	995.40	0.57	ppb
Cadmium	108-1	1001.55	989.06	991.68	994.10	0.66	ppb
Calcium	43-1	104350.86	103620.81	104462.56	104144.74	0.44	ppb
Calcium	44-1	100451.41	100785.01	100462.69	100566.37	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.59	989.65	994.66	994.64	0.50	ppb
Cobalt	59-2	1005.97	1003.72	1011.24	1006.98	0.38	ppb
Copper	63-2	10047.46	9822.02	9968.19	9945.89	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				100		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	51113.92	50189.74	49809.39	50371.02	1.33	ppb
Iron	57-2	48275.70	47908.38	48465.66	48216.58	0.59	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:57:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	51204.92	50077.95	51623.86	50968.91	1.57	ppb
Krypton	83-1						cps
Lead	206-1	4963.22	5057.79	5045.69	5022.23	1.02	ppb
Lead	207-1	4935.56	5036.75	5054.89	5009.07	1.28	ppb
Lead	208-1	4948.41	5016.29	5067.96	5010.89	1.20	ppb
Lithium	6-1				92		%
Magnesium	24-2	97645.52	96410.02	95376.53	96477.35	1.18	ppb
Manganese	55-2	10126.27	9865.44	9941.32	9977.68	1.34	ppb
Molybdenum	94-1	5002.60	4976.22	5004.70	4994.51	0.32	ppb
Molybdenum	95-1	4996.53	5004.28	5001.02	5000.61	0.08	ppb
Molybdenum	96-1	5013.04	4967.09	4975.18	4985.10	0.49	ppb
Molybdenum	97-1	5024.73	5014.48	4964.60	5001.27	0.64	ppb
Molybdenum	98-1	5006.12	4991.70	4993.74	4997.19	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.51	983.86	992.15	990.17	0.57	ppb
Phosphorus	31-2	19936.23	19932.64	19937.33	19935.40	0.01	ppb
Potassium	39-2	49356.93	49401.47	48744.97	49167.79	0.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1002.62	991.70	990.08	994.80	0.69	ppb
Selenium	77-2	977.38	990.57	1012.20	993.39	1.77	ppb
Selenium	78-2	985.79	1001.88	999.00	995.56	0.86	ppb
Silicon	28-1	975.03	998.78	1013.96	995.92	1.97	ppb
Silver	107-1	1010.63	1012.28	997.22	1006.71	0.82	ppb
Silver	109-1	1012.87	1001.91	1004.17	1006.31	0.57	ppb
Sodium	23-2	97943.76	95791.57	97862.04	97199.12	1.25	ppb
Strontium	86-1	1007.14	990.55	996.84	998.18	0.84	ppb
Strontium	88-1	1004.00	992.39	994.57	996.99	0.62	ppb
Sulfur	34-1	20434.75	19978.41	20078.86	20164.00	1.19	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1021.39	1015.01	1029.27	1021.89	0.70	ppb
Thallium	205-1	1002.11	999.11	1013.13	1004.79	0.73	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:57:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	1001.69	998.32	1025.49	1008.50	1.47	ppb
Tin	118-1	1005.44	1018.25	1004.24	1009.31	0.77	ppb
Titanium	47-1	5019.86	5024.73	5023.69	5022.76	0.05	ppb
Uranium	238-1	1007.64	1005.85	1008.60	1007.36	0.14	ppb
Vanadium	51-2	1003.21	990.66	995.07	996.31	0.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	10157.31	9852.17	10133.70	10047.72	1.69	ppb
Zirconium	90-1	1000.25	1003.85	993.54	999.22	0.52	ppb
Zirconium	91-1	1000.83	993.10	1001.31	998.41	0.46	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:00:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101042.76	99987.96	101030.18	100686.97	0.60	ppb
Antimony	121-1	0.54	0.55	0.56	0.55	1.96	ppb
Arsenic	75-2	0.46	0.36	0.32	0.38	19.52	ppb
Barium	135-1	1.97	1.88	1.99	1.95	2.90	ppb
Barium	137-1	1.95	1.95	1.91	1.93	1.27	ppb
Beryllium	9-1	0.29	0.21	0.21	0.24	19.99	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	28.53	24.34	21.61	24.83	14.04	ppb
Boron	11-1	27.35	24.38	21.19	24.30	12.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.48	0.41	0.44	0.44	7.11	ppb
Cadmium	106-1	2.40	2.55	2.67	2.54	5.23	ppb
Cadmium	108-1	0.69	0.28	0.38	0.45	47.60	ppb
Calcium	43-1	496570.80	497553.93	502425.38	498850.04	0.63	ppb
Calcium	44-1	500003.43	499748.05	499814.15	499855.21	0.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.33	2.50	2.40	3.81	ppb
Cobalt	59-2	2.52	2.51	2.51	2.51	0.15	ppb
Copper	63-2	3.01	2.81	2.85	2.89	3.56	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				97		%
Indium	115-1				87		%
Indium	115-2				92		%
Iron	56-2	249697.90	247704.19	252140.07	249847.39	0.89	ppb
Iron	57-2	251405.87	250305.34	249547.60	250419.60	0.37	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:00:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250144.45	246806.80	252223.02	249724.76	1.09	ppb
Krypton	83-1						cps
Lead	206-1	2.89	2.73	2.76	2.79	2.92	ppb
Lead	207-1	2.84	2.74	2.73	2.77	2.21	ppb
Lead	208-1	2.81	2.75	2.73	2.76	1.63	ppb
Lithium	6-1				90		%
Magnesium	24-2	503896.70	497892.20	500661.93	500816.94	0.60	ppb
Manganese	55-2	14.62	14.24	14.32	14.39	1.37	ppb
Molybdenum	94-1	1.83	1.77	1.76	1.79	1.90	ppb
Molybdenum	95-1	1.59	1.50	1.52	1.54	3.05	ppb
Molybdenum	96-1	1.96	1.86	1.69	1.84	7.31	ppb
Molybdenum	97-1	1.60	1.53	1.36	1.49	8.23	ppb
Molybdenum	98-1	1.48	1.40	1.22	1.36	9.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.23	3.31	3.10	3.22	3.27	ppb
Phosphorus	31-2	44.60	6.20	15.65	22.15	90.34	ppb
Potassium	39-2	251208.39	248883.87	250502.39	250198.22	0.48	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.30	0.91	1.04	0.75	52.68	ppb
Selenium	77-2	0.00	0.33	0.33	0.22	86.60	ppb
Selenium	78-2	0.16	0.53	1.10	0.60	78.66	ppb
Silicon	28-1	25.64	27.26	26.72	26.54	3.11	ppb
Silver	107-1	0.32	0.25	2.97	1.18	131.39	ppb
Silver	109-1	0.32	0.29	0.27	0.29	8.78	ppb
Sodium	23-2	502679.30	498479.38	500881.73	500680.14	0.42	ppb
Strontium	86-1	0.67	0.68	0.68	0.68	0.56	ppb
Strontium	88-1	0.69	0.67	0.66	0.68	2.09	ppb
Sulfur	34-1	-2331.91	-2172.00	-2129.39	-2211.10		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.56	0.48	0.46	0.50	10.51	ppb
Thallium	205-1	0.54	0.49	0.41	0.48	13.95	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:00:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.29	0.26	0.24	0.26	9.83	ppb
Tin	118-1	0.33	0.24	0.20	0.26	25.12	ppb
Titanium	47-1	0.85	0.98	0.85	0.89	8.39	ppb
Uranium	238-1	0.14	0.15	0.13	0.14	8.87	ppb
Vanadium	51-2	0.22	0.23	0.22	0.22	2.58	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	19.07	18.65	19.01	18.91	1.21	ppb
Zirconium	90-1	0.51	0.45	0.46	0.47	6.15	ppb
Zirconium	91-1	0.47	0.46	0.46	0.46	1.36	ppb

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICV03 Instrumnet Name : P7
 Client Sample ID : ICV03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:25:03 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.04	470.31	467.51	468.96	0.30	ppb
Antimony	121-1	191.29	197.75	196.33	195.12	1.74	ppb
Arsenic	75-2	207.20	206.03	206.43	206.55	0.29	ppb
Barium	135-1	97.47	99.79	100.27	99.18	1.51	ppb
Barium	137-1	98.11	100.66	100.42	99.73	1.41	ppb
Beryllium	9-1	101.52	102.97	100.75	101.75	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	2.36	2.33	2.17	2.29	4.46	ppb
Boron	11-1	2.26	2.46	2.55	2.43	6.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	102.94	105.22	106.76	104.97	1.83	ppb
Cadmium	106-1	78.89	80.44	85.63	81.65	4.32	ppb
Cadmium	108-1	88.52	91.03	91.87	90.48	1.92	ppb
Calcium	43-1	1989.87	1998.28	2003.90	1997.35	0.35	ppb
Calcium	44-1	2017.13	2039.80	2000.20	2019.04	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.66	105.16	103.83	104.22	0.78	ppb
Cobalt	59-2	101.27	103.06	101.24	101.86	1.02	ppb
Copper	63-2	98.68	100.12	97.56	98.79	1.30	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2068.97	2065.98	2042.90	2059.28	0.69	ppb
Iron	57-2	1911.08	1973.51	1945.31	1943.30	1.61	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICV03	Instrumnet Name :	P7
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:25:03	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2078.91	2109.56	2110.32	2099.60	0.85	ppb
Krypton	83-1						cps
Lead	206-1	205.63	205.07	205.26	205.32	0.14	ppb
Lead	207-1	191.13	193.71	192.31	192.38	0.67	ppb
Lead	208-1	199.78	199.96	199.51	199.75	0.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	1099.73	1101.72	1083.69	1095.05	0.90	ppb
Manganese	55-2	96.35	97.93	97.56	97.28	0.85	ppb
Molybdenum	94-1	0.25	0.23	0.25	0.25	4.67	ppb
Molybdenum	95-1	0.19	0.20	0.26	0.22	17.29	ppb
Molybdenum	96-1	0.20	0.22	0.18	0.20	11.61	ppb
Molybdenum	97-1	0.16	0.21	0.21	0.19	15.56	ppb
Molybdenum	98-1	0.28	0.19	0.21	0.22	21.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.10	109.01	108.44	108.51	0.42	ppb
Phosphorus	31-2	-1.19	-5.55	8.10	0.46	1531.73	ppb
Potassium	39-2	2010.30	1991.14	1996.01	1999.15	0.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	205.57	210.34	207.04	207.65	1.18	ppb
Selenium	77-2	207.23	213.80	227.05	216.03	4.67	ppb
Selenium	78-2	209.78	209.72	208.04	209.18	0.47	ppb
Silicon	28-1	-5.21	-4.83	-4.62	-4.89		ppb
Silver	107-1	44.73	46.15	46.17	45.68	1.81	ppb
Silver	109-1	44.76	46.37	45.86	45.66	1.80	ppb
Sodium	23-2	1898.11	1904.35	1879.48	1893.98	0.68	ppb
Strontium	86-1	0.03	0.03	0.03	0.03	12.76	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	0.54	ppb
Sulfur	34-1	-1221.21	-1347.93	-1323.02	-1297.39		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	221.11	223.58	222.47	222.39	0.56	ppb
Thallium	205-1	219.90	219.19	221.19	220.09	0.46	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICV03	Instrumnet Name :	P7
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:25:03	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	51.15	ppb
Tin	118-1	0.02	0.04	0.10	0.05	70.45	ppb
Titanium	47-1	0.35	0.25	0.21	0.27	25.90	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	12.41	ppb
Vanadium	51-2	100.32	101.45	100.19	100.65	0.68	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	181.95	185.22	183.58	183.58	0.89	ppb
Zirconium	90-1	0.05	0.05	0.07	0.06	24.80	ppb
Zirconium	91-1	0.12	0.12	0.12	0.12	2.97	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.83	18.27	17.41	18.17	3.95	ppb
Antimony	121-1	1.77	1.79	1.86	1.81	2.49	ppb
Arsenic	75-2	0.99	0.98	0.88	0.95	6.50	ppb
Barium	135-1	8.88	9.10	8.99	8.99	1.21	ppb
Barium	137-1	8.88	8.82	8.80	8.83	0.47	ppb
Beryllium	9-1	0.96	0.91	0.99	0.95	3.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	21.35	23.80	23.29	22.81	5.67	ppb
Boron	11-1	22.09	23.10	23.46	22.88	3.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	0.73	0.97	0.91	16.73	ppb
Cadmium	106-1	2.44	-0.67	1.18	0.98	159.08	ppb
Cadmium	108-1	1.09	1.20	0.94	1.08	11.97	ppb
Calcium	43-1	465.46	476.18	461.69	467.78	1.61	ppb
Calcium	44-1	457.99	477.64	473.06	469.57	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.89	1.87	1.88	1.88	0.56	ppb
Cobalt	59-2	0.93	0.91	0.94	0.93	1.88	ppb
Copper	63-2	1.73	1.66	1.81	1.74	4.29	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				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	48.37	46.94	48.71	48.01	1.96	ppb
Iron	57-2	46.41	44.08	49.25	46.58	5.56	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.70	50.05	51.50	51.42	2.57	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.91	0.92	0.89	5.35	ppb
Lead	207-1	0.81	0.87	0.90	0.86	5.00	ppb
Lead	208-1	0.85	0.88	0.90	0.88	2.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	439.93	424.39	437.71	434.01	1.94	ppb
Manganese	55-2	0.93	0.87	0.94	0.92	4.25	ppb
Molybdenum	94-1	4.45	4.56	4.40	4.47	1.84	ppb
Molybdenum	95-1	4.37	4.49	4.59	4.48	2.38	ppb
Molybdenum	96-1	4.20	4.45	4.58	4.41	4.42	ppb
Molybdenum	97-1	4.30	4.44	4.63	4.46	3.71	ppb
Molybdenum	98-1	4.37	4.54	4.46	4.46	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.98	1.01	1.02	4.25	ppb
Phosphorus	31-2	-14.45	-5.71	11.80	-2.79		ppb
Potassium	39-2	468.07	458.03	472.46	466.19	1.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.55	4.94	4.55	4.68	4.77	ppb
Selenium	77-2	4.90	6.84	5.17	5.64	18.67	ppb
Selenium	78-2	5.55	5.27	4.69	5.17	8.52	ppb
Silicon	28-1	-0.24	2.21	1.88	1.28	103.60	ppb
Silver	107-1	0.87	0.95	0.92	0.92	4.41	ppb
Silver	109-1	0.89	0.88	0.92	0.90	2.77	ppb
Sodium	23-2	464.54	443.65	466.85	458.35	2.79	ppb
Strontium	86-1	0.08	0.10	0.09	0.09	9.69	ppb
Strontium	88-1	0.09	0.10	0.10	0.10	3.28	ppb
Sulfur	34-1	-1609.25	-1249.43	-1478.72	-1445.80		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.78	0.89	0.83	0.83	7.07	ppb
Thallium	205-1	0.81	0.81	0.83	0.82	1.54	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	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	4.40	4.53	4.43	4.45	1.51	ppb
Titanium	47-1	4.48	4.70	4.09	4.43	6.96	ppb
Uranium	238-1	0.72	0.74	0.75	0.73	2.04	ppb
Vanadium	51-2	4.69	4.78	4.82	4.76	1.39	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	2.30	2.44	2.42	2.39	3.05	ppb
Zirconium	90-1	0.84	0.83	0.83	0.83	0.67	ppb
Zirconium	91-1	0.85	0.91	0.84	0.86	4.31	ppb

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICB03 Instrumnet Name : P7
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:48:07 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.25	0.58	0.27	107.23	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	479.43	ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.01	0.01	0.00	0.01	96.44	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	243.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	0.77	0.94	1.38	1.03	30.55	ppb
Boron	11-1	0.94	1.13	0.95	1.01	10.51	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.13	0.00	0.05	135.07	ppb
Cadmium	106-1	0.35	1.75	0.01	0.70	131.11	ppb
Cadmium	108-1	-0.21	-0.19	-0.06	-0.15		ppb
Calcium	43-1	0.77	0.69	-0.22	0.41	132.50	ppb
Calcium	44-1	1.57	0.13	0.07	0.59	144.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.03	0.02	0.03	20.40	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				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.02	0.05	0.16	0.08	96.29	ppb
Iron	57-2	-1.34	-1.12	-1.25	-1.24		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICB03	Instrumnet Name :	P7
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:48:07	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.38	1.16	1.25	0.93	51.84	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	7.16	ppb
Lead	207-1	0.04	0.06	0.06	0.05	20.74	ppb
Lead	208-1	0.05	0.06	0.06	0.06	9.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.42	0.15	0.17	0.24	61.03	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.02	0.01	0.01	95.81	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	104.46	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	6.04	-6.09	1.30	0.42	1467.69	ppb
Potassium	39-2	0.12	-8.61	-6.42	-4.97		ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.58	0.65	-0.60	0.21	335.45	ppb
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	0.08	0.01	0.45	0.18	134.30	ppb
Silicon	28-1	-5.56	-6.68	-7.31	-6.52		ppb
Silver	107-1	0.00	0.01	0.01	0.01	44.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.45	ppb
Sodium	23-2	12.45	10.72	12.32	11.83	8.16	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1147.55	-1480.96	-1313.14	-1313.88		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICB03	Instrumnet Name :	P7
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:48:07	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	-0.02	-0.03	0.01	-0.01		ppb
Titanium	47-1	0.00	0.03	0.01	0.02	102.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	0.14	0.13	0.13	5.54	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSA03	Instrumnet Name :	P7
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:51:15	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86845.30	89062.72	89032.93	88313.65	1.44	ppb
Antimony	121-1	1.06	1.11	1.11	1.09	2.57	ppb
Arsenic	75-2	0.34	0.38	0.27	0.33	17.13	ppb
Barium	135-1	1.43	1.34	1.36	1.37	3.38	ppb
Barium	137-1	1.35	1.32	1.46	1.37	5.27	ppb
Beryllium	9-1	0.26	0.26	0.26	0.26	1.51	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	2.08	1.50	1.39	1.66	22.30	ppb
Boron	11-1	1.98	1.84	1.90	1.91	3.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	0.69	0.86	0.84	16.72	ppb
Cadmium	106-1	4.25	0.07	1.83	2.05	102.39	ppb
Cadmium	108-1	21.24	17.97	17.41	18.87	10.97	ppb
Calcium	43-1	99215.14	98740.16	97809.62	98588.30	0.73	ppb
Calcium	44-1	95879.11	94956.70	95588.93	95474.91	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.93	19.90	19.51	19.78	1.18	ppb
Cobalt	59-2	1.13	1.16	1.17	1.16	1.90	ppb
Copper	63-2	7.23	7.17	7.07	7.15	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	99949.40	99258.50	98062.20	99090.03	0.96	ppb
Iron	57-2	97067.01	96527.64	96920.90	96838.51	0.29	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSA03	Instrumnet Name :	P7
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:51:15	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99568.19	98165.95	98060.00	98598.05	0.85	ppb
Krypton	83-1						cps
Lead	206-1	4.05	4.22	4.13	4.13	1.98	ppb
Lead	207-1	3.58	3.49	3.57	3.55	1.32	ppb
Lead	208-1	3.75	3.83	3.81	3.80	1.06	ppb
Lithium	6-1				94		%
Magnesium	24-2	90282.89	91626.13	90763.71	90890.91	0.75	ppb
Manganese	55-2	7.37	7.34	7.24	7.32	0.93	ppb
Molybdenum	94-1	1288.05	1294.92	1299.68	1294.22	0.45	ppb
Molybdenum	95-1	1922.15	1913.94	1918.89	1918.33	0.22	ppb
Molybdenum	96-1	1882.27	1850.14	1856.03	1862.81	0.92	ppb
Molybdenum	97-1	1896.46	1850.00	1853.49	1866.65	1.39	ppb
Molybdenum	98-1	1948.81	1885.61	1912.83	1915.75	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.06	5.96	5.79	5.94	2.33	ppb
Phosphorus	31-2	97978.50	98529.80	98941.40	98483.23	0.49	ppb
Potassium	39-2	94715.16	95767.82	95648.75	95377.25	0.60	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.36	0.83	0.14	0.44	79.72	ppb
Selenium	77-2	0.00	0.32	0.00	0.11	173.21	ppb
Selenium	78-2	0.48	1.12	0.35	0.65	62.75	ppb
Silicon	28-1	25.42	20.64	18.78	21.61	15.85	ppb
Silver	107-1	0.05	0.04	0.04	0.04	11.97	ppb
Silver	109-1	0.04	0.04	0.03	0.04	9.98	ppb
Sodium	23-2	94843.14	97454.41	95873.60	96057.05	1.37	ppb
Strontium	86-1	3.20	3.29	3.26	3.25	1.31	ppb
Strontium	88-1	3.25	3.29	3.30	3.28	0.87	ppb
Sulfur	34-1	119518.47	113499.10	111683.39	114900.32	3.57	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.06	0.05	0.05	6.62	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	1.92	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSA03	Instrumnet Name :	P7
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:51:15	DataFile Name :	015ICSA.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	0.15	0.19	0.19	0.18	12.45	ppb
Titanium	47-1	1960.74	1965.15	1935.20	1953.70	0.83	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.42	ppb
Vanadium	51-2	0.15	0.18	0.18	0.17	10.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	11.19	10.97	10.65	10.94	2.48	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	16.89	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	30.19	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSAB03	Instrumnet Name :	P7
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:54:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87228.89	86334.70	86609.55	86724.38	0.53	ppb
Antimony	121-1	20.06	20.29	19.98	20.11	0.79	ppb
Arsenic	75-2	19.90	19.77	19.83	19.83	0.34	ppb
Barium	135-1	20.65	20.82	21.01	20.83	0.85	ppb
Barium	137-1	20.81	21.45	20.66	20.98	1.99	ppb
Beryllium	9-1	19.36	19.13	19.16	19.22	0.63	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	0.71	1.45	1.58	1.24	37.67	ppb
Boron	11-1	1.58	1.59	1.65	1.61	2.37	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.03	20.12	19.89	20.01	0.57	ppb
Cadmium	106-1	16.40	15.64	14.41	15.49	6.48	ppb
Cadmium	108-1	32.94	33.23	33.62	33.26	1.03	ppb
Calcium	43-1	96965.48	98771.69	97514.50	97750.55	0.95	ppb
Calcium	44-1	94833.28	95538.04	95568.68	95313.33	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.56	39.40	38.60	38.85	1.22	ppb
Cobalt	59-2	19.86	20.10	20.19	20.05	0.85	ppb
Copper	63-2	25.07	25.41	25.06	25.18	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	97301.87	98192.29	96754.60	97416.25	0.74	ppb
Iron	57-2	96181.90	95184.23	94926.51	95430.88	0.69	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSAB03	Instrumnet Name :	P7
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:54:19	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	96975.27	97416.74	97821.80	97404.60	0.43	ppb
Krypton	83-1						cps
Lead	206-1	22.45	22.24	22.31	22.33	0.47	ppb
Lead	207-1	20.45	20.65	20.30	20.47	0.85	ppb
Lead	208-1	21.09	21.18	21.03	21.10	0.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	89421.60	89082.23	88604.88	89036.24	0.46	ppb
Manganese	55-2	25.51	25.81	25.49	25.60	0.70	ppb
Molybdenum	94-1	1288.02	1291.82	1292.57	1290.80	0.19	ppb
Molybdenum	95-1	1892.41	1918.89	1903.65	1904.98	0.70	ppb
Molybdenum	96-1	1843.46	1850.94	1839.42	1844.61	0.32	ppb
Molybdenum	97-1	1858.48	1855.23	1845.33	1853.01	0.37	ppb
Molybdenum	98-1	1903.07	1892.94	1894.28	1896.76	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.76	25.16	25.15	25.02	0.90	ppb
Phosphorus	31-2	97572.56	96977.73	97159.28	97236.52	0.31	ppb
Potassium	39-2	94421.27	94766.08	94101.71	94429.69	0.35	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	20.33	20.16	19.77	20.09	1.43	ppb
Selenium	77-2	19.48	22.16	18.73	20.12	8.96	ppb
Selenium	78-2	20.56	18.58	19.86	19.67	5.09	ppb
Silicon	28-1	20.81	21.29	22.84	21.65	4.90	ppb
Silver	107-1	18.75	18.55	18.50	18.60	0.71	ppb
Silver	109-1	18.49	18.55	18.55	18.53	0.19	ppb
Sodium	23-2	93639.07	94171.83	93469.68	93760.19	0.39	ppb
Strontium	86-1	3.27	3.27	3.27	3.27	0.08	ppb
Strontium	88-1	3.28	3.26	3.29	3.27	0.47	ppb
Sulfur	34-1	109907.25	110936.93	109470.88	110105.02	0.68	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	18.93	18.77	18.83	18.84	0.43	ppb
Thallium	205-1	18.49	18.67	18.77	18.65	0.76	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSAB03	Instrumnet Name :	P7
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:54:19	DataFile Name :	016ICSB.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	0.16	0.15	0.13	0.14	8.81	ppb
Titanium	47-1	1935.53	1936.70	1944.72	1938.98	0.26	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	12.36	ppb
Vanadium	51-2	19.53	19.62	19.30	19.48	0.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	26.54	27.51	27.42	27.16	1.96	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	69.26	ppb
Zirconium	91-1	0.01	0.05	0.00	0.02	106.63	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:57:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46141.73	46200.82	47098.96	46480.50	1.15	ppb
Antimony	121-1	479.29	480.92	482.66	480.96	0.35	ppb
Arsenic	75-2	508.30	514.48	510.06	510.95	0.62	ppb
Barium	135-1	2400.00	2417.38	2425.52	2414.30	0.54	ppb
Barium	137-1	2520.31	2532.55	2551.04	2534.63	0.61	ppb
Beryllium	9-1	478.99	487.43	483.76	483.39	0.88	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	470.15	489.05	480.52	479.91	1.97	ppb
Boron	11-1	467.98	491.67	494.61	484.76	3.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	510.88	513.20	513.74	512.61	0.30	ppb
Cadmium	106-1	513.90	523.66	516.85	518.14	0.97	ppb
Cadmium	108-1	507.00	510.21	512.35	509.85	0.53	ppb
Calcium	43-1	243392.47	247887.17	245411.77	245563.80	0.92	ppb
Calcium	44-1	241743.97	245916.77	244842.84	244167.86	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.56	490.59	490.94	491.36	0.21	ppb
Cobalt	59-2	463.40	468.70	466.14	466.08	0.57	ppb
Copper	63-2	4956.60	4997.88	4955.08	4969.85	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	121238.51	121379.03	121618.87	121412.14	0.16	ppb
Iron	57-2	119162.10	119620.76	118945.81	119242.89	0.29	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:57:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121203.95	121952.17	121748.06	121634.73	0.32	ppb
Krypton	83-1						cps
Lead	206-1	2537.22	2559.59	2525.09	2540.63	0.69	ppb
Lead	207-1	2523.94	2540.07	2532.30	2532.11	0.32	ppb
Lead	208-1	2533.28	2523.22	2533.69	2530.06	0.23	ppb
Lithium	6-1				94		%
Magnesium	24-2	243540.56	243378.55	245946.45	244288.52	0.59	ppb
Manganese	55-2	4965.01	5015.82	5014.13	4998.32	0.58	ppb
Molybdenum	94-1	2521.54	2494.05	2519.94	2511.84	0.61	ppb
Molybdenum	95-1	2494.70	2521.67	2500.07	2505.48	0.57	ppb
Molybdenum	96-1	2507.13	2494.03	2510.56	2503.91	0.35	ppb
Molybdenum	97-1	2513.81	2495.20	2517.32	2508.78	0.47	ppb
Molybdenum	98-1	2533.21	2463.63	2507.93	2501.59	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.29	495.25	494.69	493.74	0.43	ppb
Phosphorus	31-2	9988.14	9919.13	10096.56	10001.28	0.89	ppb
Potassium	39-2	122535.28	122726.39	124628.79	123296.82	0.94	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	503.05	495.54	501.01	499.87	0.78	ppb
Selenium	77-2	537.27	514.16	502.72	518.05	3.40	ppb
Selenium	78-2	501.20	507.51	502.71	503.80	0.65	ppb
Silicon	28-1	476.79	482.30	495.27	484.79	1.96	ppb
Silver	107-1	496.43	493.77	494.39	494.86	0.28	ppb
Silver	109-1	495.87	493.92	495.97	495.26	0.23	ppb
Sodium	23-2	238666.75	240513.63	242523.47	240567.95	0.80	ppb
Strontium	86-1	497.51	498.40	494.73	496.88	0.39	ppb
Strontium	88-1	497.75	496.89	498.37	497.67	0.15	ppb
Sulfur	34-1	8525.51	8468.68	8373.16	8455.78	0.91	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	472.56	476.62	475.36	474.85	0.44	ppb
Thallium	205-1	517.71	512.80	515.64	515.38	0.48	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:57:23	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	518.07	521.68	513.86	517.87	0.76	ppb
Tin	118-1	482.25	482.51	484.40	483.05	0.24	ppb
Titanium	47-1	2463.60	2448.98	2439.36	2450.65	0.50	ppb
Uranium	238-1	522.64	518.43	519.84	520.31	0.41	ppb
Vanadium	51-2	497.41	494.51	498.08	496.67	0.38	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4777.51	4815.81	4794.51	4795.94	0.40	ppb
Zirconium	90-1	502.25	502.99	506.08	503.78	0.40	ppb
Zirconium	91-1	501.29	499.75	505.25	502.10	0.56	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:05:50	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	0.92	0.35	0.60	48.29	ppb
Antimony	121-1	0.02	0.04	0.05	0.03	39.85	ppb
Arsenic	75-2	-0.03	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.00	0.00	0.03	0.01	145.85	ppb
Barium	137-1	0.01	0.01	0.00	0.01	143.82	ppb
Beryllium	9-1	0.03	0.03	0.00	0.02	69.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	2.09	3.43	3.26	2.93	24.85	ppb
Boron	11-1	2.50	2.52	2.75	2.59	5.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.07	-0.11	0.03	-0.05		ppb
Cadmium	106-1	-0.98	-1.34	0.43	-0.63		ppb
Cadmium	108-1	-0.19	0.03	-0.19	-0.12		ppb
Calcium	43-1	2.83	2.10	1.15	2.03	41.80	ppb
Calcium	44-1	4.32	3.53	4.51	4.12	12.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1306.97	ppb
Copper	63-2	0.15	0.15	0.09	0.13	25.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	1.11	1.12	1.16	1.13	2.31	ppb
Iron	57-2	-0.56	-0.86	0.83	-0.20		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:05:50	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.62	1.77	2.08	2.15	19.94	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.06	0.05	23.80	ppb
Lead	207-1	0.04	0.05	0.05	0.05	13.54	ppb
Lead	208-1	0.05	0.04	0.04	0.04	2.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.70	1.81	1.74	1.75	3.10	ppb
Manganese	55-2	0.05	0.00	0.02	0.02	86.49	ppb
Molybdenum	94-1	0.05	0.04	0.05	0.05	13.31	ppb
Molybdenum	95-1	0.06	0.04	0.05	0.05	14.94	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	21.96	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.05	17.63	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	23.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00		ppb
Phosphorus	31-2	-9.97	-0.89	2.65	-2.73		ppb
Potassium	39-2	19.30	29.06	24.24	24.20	20.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.05	-0.48	-0.13	-0.19		ppb
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	0.07	0.60	-0.32	0.12	389.93	ppb
Silicon	28-1	-5.37	-5.87	-6.22	-5.82		ppb
Silver	107-1	0.01	0.02	0.02	0.02	34.64	ppb
Silver	109-1	0.03	0.02	0.02	0.02	20.42	ppb
Sodium	23-2	44.85	46.50	44.24	45.20	2.59	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	68.67	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	6.20	ppb
Sulfur	34-1	-2230.40	-2379.06	-2259.58	-2289.68		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.67	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.56	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:05:50	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.56	ppb
Tin	118-1	-0.07	-0.03	-0.02	-0.04		ppb
Titanium	47-1	0.05	0.04	0.05	0.05	8.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	181.09	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.10	0.11	0.29	0.17	65.43	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	18.37	ppb
Zirconium	91-1	0.01	0.01	0.04	0.02	77.86	ppb

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 19:31:16 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.74	19.01	17.69	18.48	3.78	ppb
Antimony	121-1	1.88	1.91	1.89	1.89	0.75	ppb
Arsenic	75-2	0.92	0.90	1.06	0.96	8.93	ppb
Barium	135-1	9.31	9.51	9.19	9.34	1.70	ppb
Barium	137-1	9.52	9.42	9.53	9.49	0.61	ppb
Beryllium	9-1	1.01	0.98	0.94	0.98	3.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	23.60	24.62	24.76	24.33	2.60	ppb
Boron	11-1	22.42	23.83	24.96	23.74	5.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.97	0.73	0.87	0.86	14.21	ppb
Cadmium	106-1	0.29	-1.36	0.24	-0.28		ppb
Cadmium	108-1	1.09	1.01	0.67	0.92	24.26	ppb
Calcium	43-1	501.10	517.05	500.68	506.28	1.84	ppb
Calcium	44-1	494.93	505.44	498.75	499.71	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.10	2.00	2.05	2.44	ppb
Cobalt	59-2	0.94	0.96	0.96	0.96	1.08	ppb
Copper	63-2	1.84	1.85	1.81	1.83	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	49.13	50.47	49.64	49.75	1.37	ppb
Iron	57-2	47.99	49.88	49.16	49.01	1.95	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:31:16	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	55.44	49.37	52.92	52.58	5.81	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.83	0.91	0.88	4.89	ppb
Lead	207-1	0.87	0.79	0.90	0.85	6.64	ppb
Lead	208-1	0.89	0.85	0.88	0.87	2.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	444.50	458.77	445.72	449.66	1.76	ppb
Manganese	55-2	0.97	0.90	0.95	0.94	3.98	ppb
Molybdenum	94-1	4.50	4.51	4.55	4.52	0.55	ppb
Molybdenum	95-1	4.65	4.89	4.71	4.75	2.58	ppb
Molybdenum	96-1	4.62	4.74	4.80	4.72	1.89	ppb
Molybdenum	97-1	4.61	4.78	4.64	4.68	1.98	ppb
Molybdenum	98-1	4.61	4.87	4.76	4.74	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.13	1.08	1.09	4.06	ppb
Phosphorus	31-2	-7.04	-10.64	5.88	-3.93		ppb
Potassium	39-2	490.44	499.18	489.61	493.08	1.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.43	5.36	4.71	5.17	7.69	ppb
Selenium	77-2	6.22	5.20	4.04	5.16	21.11	ppb
Selenium	78-2	5.53	4.79	4.97	5.10	7.54	ppb
Silicon	28-1	4.60	3.28	4.54	4.14	18.10	ppb
Silver	107-1	0.95	0.99	0.97	0.97	2.11	ppb
Silver	109-1	0.96	0.98	0.98	0.97	1.11	ppb
Sodium	23-2	473.13	488.78	471.29	477.73	2.01	ppb
Strontium	86-1	0.09	0.10	0.10	0.10	6.04	ppb
Strontium	88-1	0.10	0.10	0.10	0.10	1.13	ppb
Sulfur	34-1	-1447.47	-1594.35	-1398.94	-1480.25		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.95	0.87	0.92	5.29	ppb
Thallium	205-1	0.88	0.89	0.86	0.87	1.81	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:31:16	DataFile Name :	020LLCC.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	4.66	4.61	4.64	4.64	0.56	ppb
Titanium	47-1	4.60	4.93	4.59	4.71	4.07	ppb
Uranium	238-1	0.79	0.79	0.78	0.79	1.10	ppb
Vanadium	51-2	5.02	4.91	5.07	5.00	1.60	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	2.02	2.32	2.10	2.15	7.19	ppb
Zirconium	90-1	0.88	0.87	0.88	0.88	0.49	ppb
Zirconium	91-1	0.82	0.90	0.99	0.90	9.30	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	158.04	151.23	155.43	154.90	2.22	ppb
Antimony	121-1	0.17	0.18	0.17	0.17	5.51	ppb
Arsenic	75-2	9.50	9.07	8.72	9.10	4.26	ppb
Barium	135-1	137.18	136.94	138.19	137.43	0.48	ppb
Barium	137-1	138.31	136.86	138.98	138.05	0.78	ppb
Beryllium	9-1	0.04	0.05	0.04	0.05	14.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	102.14	101.14	103.34	102.20	1.08	ppb
Boron	11-1	105.68	105.30	106.39	105.79	0.52	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	0.08	0.08	0.08	6.12	ppb
Cadmium	106-1	0.92	1.10	1.11	1.04	10.59	ppb
Cadmium	108-1	-0.07	0.27	0.00	0.07	275.12	ppb
Calcium	43-1	21746.46	21890.59	21916.80	21851.29	0.42	ppb
Calcium	44-1	21475.25	21467.66	21262.11	21401.67	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.69	2.65	2.86	2.73	4.02	ppb
Cobalt	59-2	7.51	7.50	7.49	7.50	0.10	ppb
Copper	63-2	4.89	4.84	4.97	4.90	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				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	51843.45	51230.41	52488.64	51854.16	1.21	ppb
Iron	57-2	49682.51	49639.55	49970.61	49764.22	0.36	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52164.06	51511.53	52103.79	51926.46	0.69	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.01	1.06	1.04	2.57	ppb
Lead	207-1	1.00	1.00	1.02	1.00	1.03	ppb
Lead	208-1	1.03	1.01	1.02	1.02	0.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	8599.83	8569.53	8712.33	8627.23	0.87	ppb
Manganese	55-2	2687.14	2687.12	2714.11	2696.12	0.58	ppb
Molybdenum	94-1	0.95	0.78	0.93	0.89	10.85	ppb
Molybdenum	95-1	0.64	0.69	0.63	0.65	4.68	ppb
Molybdenum	96-1	0.80	0.72	0.82	0.78	6.78	ppb
Molybdenum	97-1	0.71	0.61	0.66	0.66	7.29	ppb
Molybdenum	98-1	0.65	0.64	0.64	0.64	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.34	10.40	10.37	10.37	0.28	ppb
Phosphorus	31-2	214.29	191.89	223.21	209.80	7.69	ppb
Potassium	39-2	2366.40	2356.44	2352.64	2358.49	0.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.88	1.56	1.30	1.25	27.56	ppb
Selenium	77-2	0.60	0.89	1.20	0.89	33.50	ppb
Selenium	78-2	1.91	0.98	1.23	1.37	35.05	ppb
Silicon	28-1	7858.62	7837.16	7815.67	7837.15	0.27	ppb
Silver	107-1	0.09	0.07	0.08	0.08	11.34	ppb
Silver	109-1	0.08	0.10	0.10	0.10	13.09	ppb
Sodium	23-2	29565.51	29727.67	29903.55	29732.25	0.57	ppb
Strontium	86-1	11.05	11.06	10.79	10.97	1.35	ppb
Strontium	88-1	11.11	11.04	10.87	11.01	1.14	ppb
Sulfur	34-1	42593.37	43177.72	42129.82	42633.64	1.23	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.05	0.05	0.05	2.87	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	169.87	ppb
Titanium	47-1	5.58	5.65	5.45	5.56	1.80	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.79	ppb
Vanadium	51-2	2.11	2.13	2.10	2.11	0.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	26.37	25.80	26.17	26.12	1.11	ppb
Zirconium	90-1	0.25	0.26	0.27	0.26	4.13	ppb
Zirconium	91-1	0.23	0.28	0.27	0.26	9.79	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.04	11.90	11.31	11.75	3.27	ppb
Antimony	121-1	0.35	0.38	0.41	0.38	7.03	ppb
Arsenic	75-2	2.32	2.25	2.46	2.34	4.44	ppb
Barium	135-1	123.12	122.78	122.80	122.90	0.16	ppb
Barium	137-1	122.00	122.82	123.19	122.67	0.50	ppb
Beryllium	9-1	0.02	0.00	0.04	0.02	98.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	94.99	97.14	100.73	97.62	2.97	ppb
Boron	11-1	99.10	97.70	102.03	99.61	2.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.08	0.14	0.10	36.54	ppb
Cadmium	106-1	1.05	1.08	1.83	1.32	33.71	ppb
Cadmium	108-1	0.11	0.13	0.10	0.11	11.51	ppb
Calcium	43-1	20890.86	20856.38	20914.84	20887.36	0.14	ppb
Calcium	44-1	20774.11	20637.20	20710.33	20707.21	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.35	1.36	1.39	1.36	1.40	ppb
Cobalt	59-2	6.81	6.68	6.91	6.80	1.67	ppb
Copper	63-2	28.17	28.21	28.61	28.33	0.85	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				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	28864.08	29282.68	28910.82	29019.19	0.79	ppb
Iron	57-2	27516.93	27576.20	27682.26	27591.80	0.30	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	29623.25	29256.00	29004.50	29294.59	1.06	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.16	0.16	2.30	ppb
Lead	207-1	0.16	0.13	0.14	0.14	8.10	ppb
Lead	208-1	0.15	0.14	0.15	0.15	3.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	8174.18	8240.25	8237.74	8217.39	0.46	ppb
Manganese	55-2	2520.13	2537.94	2553.85	2537.31	0.66	ppb
Molybdenum	94-1	0.36	0.34	0.36	0.36	3.80	ppb
Molybdenum	95-1	0.23	0.28	0.35	0.28	21.42	ppb
Molybdenum	96-1	0.33	0.36	0.31	0.33	7.26	ppb
Molybdenum	97-1	0.25	0.25	0.30	0.27	10.09	ppb
Molybdenum	98-1	0.25	0.27	0.23	0.25	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.24	9.00	8.79	9.01	2.48	ppb
Phosphorus	31-2	20.17	-9.18	6.22	5.74	255.90	ppb
Potassium	39-2	2230.16	2242.79	2244.97	2239.31	0.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.53	0.41	1.80	0.91	84.57	ppb
Selenium	77-2	0.92	0.61	0.30	0.61	50.55	ppb
Selenium	78-2	0.52	0.73	0.64	0.63	16.77	ppb
Silicon	28-1	6836.59	6856.60	6869.58	6854.25	0.24	ppb
Silver	107-1	0.01	0.01	0.02	0.01	21.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.88	ppb
Sodium	23-2	28376.27	28548.38	28192.99	28372.55	0.63	ppb
Strontium	86-1	10.62	10.55	10.63	10.60	0.39	ppb
Strontium	88-1	10.79	10.52	10.68	10.66	1.25	ppb
Sulfur	34-1	39883.32	39460.49	39593.51	39645.77	0.55	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	14.49	ppb
Tin	118-1	0.03	0.10	0.06	0.06	53.20	ppb
Titanium	47-1	0.77	0.74	0.96	0.83	14.55	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	13.07	ppb
Vanadium	51-2	0.33	0.33	0.34	0.33	2.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	69.06	69.01	67.98	68.68	0.89	ppb
Zirconium	90-1	0.13	0.11	0.10	0.11	14.87	ppb
Zirconium	91-1	0.11	0.10	0.08	0.10	14.33	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70.95	74.46	73.95	73.12	2.60	ppb
Antimony	121-1	0.26	0.21	0.26	0.25	11.63	ppb
Arsenic	75-2	0.94	0.80	0.85	0.86	8.54	ppb
Barium	135-1	53.58	53.99	53.93	53.83	0.42	ppb
Barium	137-1	53.47	53.45	54.01	53.64	0.59	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	105.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	69.98	71.12	73.69	71.59	2.65	ppb
Boron	11-1	73.70	74.89	75.76	74.78	1.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	0.04	0.16	0.11	55.67	ppb
Cadmium	106-1	1.88	0.47	2.11	1.49	59.54	ppb
Cadmium	108-1	0.10	-0.12	-0.07	-0.03		ppb
Calcium	43-1	29294.86	29666.41	29582.09	29514.45	0.66	ppb
Calcium	44-1	28668.81	28986.03	28953.40	28869.41	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.48	0.47	0.47	2.44	ppb
Cobalt	59-2	0.24	0.24	0.22	0.23	3.48	ppb
Copper	63-2	2.70	2.74	2.67	2.71	1.26	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				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	313.81	316.07	319.62	316.50	0.93	ppb
Iron	57-2	374.53	375.71	373.49	374.57	0.30	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	314.02	319.43	327.38	320.28	2.10	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.39	0.38	0.38	1.74	ppb
Lead	207-1	0.31	0.35	0.32	0.33	6.33	ppb
Lead	208-1	0.36	0.34	0.34	0.35	2.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	10431.59	10649.49	10522.62	10534.57	1.04	ppb
Manganese	55-2	97.27	97.49	98.21	97.65	0.51	ppb
Molybdenum	94-1	0.96	1.00	0.98	0.98	2.02	ppb
Molybdenum	95-1	1.39	1.29	1.56	1.41	9.72	ppb
Molybdenum	96-1	1.29	1.39	1.35	1.35	3.99	ppb
Molybdenum	97-1	1.28	1.33	1.33	1.31	2.26	ppb
Molybdenum	98-1	1.41	1.33	1.31	1.35	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.19	1.24	1.23	2.73	ppb
Phosphorus	31-2	431.62	491.14	493.55	472.10	7.43	ppb
Potassium	39-2	3937.02	3949.50	3989.45	3958.66	0.69	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	-0.03	1.62	-0.01	0.53	178.86	ppb
Selenium	77-2	0.00	0.30	0.00	0.10	173.21	ppb
Selenium	78-2	1.13	0.46	0.81	0.80	41.55	ppb
Silicon	28-1	4139.58	4082.26	4136.41	4119.42	0.78	ppb
Silver	107-1	0.01	0.01	0.02	0.01	37.39	ppb
Silver	109-1	0.02	0.01	0.01	0.01	41.40	ppb
Sodium	23-2	35637.31	35312.51	35742.22	35564.01	0.63	ppb
Strontium	86-1	16.60	16.69	16.96	16.75	1.13	ppb
Strontium	88-1	16.91	16.85	17.00	16.92	0.44	ppb
Sulfur	34-1	8968.70	8800.01	8867.76	8878.82	0.96	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	24.98	ppb
Tin	118-1	0.05	0.01	-0.01	0.01	237.11	ppb
Titanium	47-1	2.80	3.31	2.81	2.98	9.75	ppb
Uranium	238-1	0.15	0.15	0.16	0.15	5.72	ppb
Vanadium	51-2	0.89	0.92	0.92	0.91	1.99	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	27.23	27.34	27.51	27.36	0.52	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	22.22	ppb
Zirconium	91-1	0.03	0.07	0.05	0.05	38.96	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.98	11.84	11.34	11.72	2.88	ppb
Antimony	121-1	0.30	0.30	0.30	0.30	1.24	ppb
Arsenic	75-2	0.76	0.73	0.79	0.76	3.73	ppb
Barium	135-1	45.81	47.06	47.11	46.66	1.58	ppb
Barium	137-1	46.55	46.50	47.58	46.88	1.29	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	66.73	71.05	67.34	68.37	3.42	ppb
Boron	11-1	67.59	70.36	72.21	70.05	3.32	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.06	0.17	0.09	68.00	ppb
Cadmium	106-1	0.55	0.82	2.12	1.16	72.27	ppb
Cadmium	108-1	-0.15	-0.03	-0.17	-0.11		ppb
Calcium	43-1	27283.60	27648.53	27750.09	27560.74	0.89	ppb
Calcium	44-1	27210.33	27128.96	27046.85	27128.71	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.53	0.54	0.52	6.76	ppb
Cobalt	59-2	0.16	0.16	0.17	0.16	4.44	ppb
Copper	63-2	7.59	7.69	7.90	7.73	2.02	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				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	61.32	61.75	61.47	61.51	0.35	ppb
Iron	57-2	124.99	123.27	125.77	124.67	1.02	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	65.77	63.54	63.75	64.36	1.91	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.19	0.20	7.64	ppb
Lead	207-1	0.24	0.18	0.18	0.20	17.08	ppb
Lead	208-1	0.20	0.19	0.19	0.19	4.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	10079.53	9428.37	9823.89	9777.27	3.36	ppb
Manganese	55-2	77.14	76.09	76.65	76.63	0.68	ppb
Molybdenum	94-1	0.91	0.96	0.94	0.94	2.88	ppb
Molybdenum	95-1	1.33	1.22	1.23	1.26	4.57	ppb
Molybdenum	96-1	1.28	1.20	1.24	1.24	3.36	ppb
Molybdenum	97-1	1.15	1.29	1.19	1.21	6.11	ppb
Molybdenum	98-1	1.30	1.33	1.28	1.30	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.30	1.23	1.29	4.20	ppb
Phosphorus	31-2	359.90	390.19	373.85	374.65	4.05	ppb
Potassium	39-2	3718.98	3716.38	3725.65	3720.33	0.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.51	0.82	0.25	0.52	54.17	ppb
Selenium	77-2	0.61	0.31	0.00	0.31	99.99	ppb
Selenium	78-2	-0.19	0.98	1.24	0.68	112.77	ppb
Silicon	28-1	3721.43	3757.78	3798.08	3759.10	1.02	ppb
Silver	107-1	0.00	0.00	0.00	0.00	117.61	ppb
Silver	109-1	0.00	0.01	0.01	0.01	32.60	ppb
Sodium	23-2	33878.71	33865.87	33351.66	33698.75	0.89	ppb
Strontium	86-1	15.55	15.63	15.41	15.53	0.70	ppb
Strontium	88-1	15.58	15.64	15.54	15.59	0.35	ppb
Sulfur	34-1	8144.23	8153.46	8107.99	8135.23	0.30	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	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	0.09	0.09	0.08	0.09	8.22	ppb
Titanium	47-1	0.91	0.67	0.84	0.81	15.00	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	4.84	ppb
Vanadium	51-2	0.70	0.60	0.66	0.65	7.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	32.62	32.24	32.15	32.34	0.78	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	17.42	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	43.30	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59.01	60.13	61.37	60.17	1.96	ppb
Antimony	121-1	0.07	0.06	0.08	0.07	14.46	ppb
Arsenic	75-2	0.63	0.61	0.59	0.61	3.62	ppb
Barium	135-1	48.80	49.03	48.38	48.73	0.68	ppb
Barium	137-1	48.76	48.86	48.01	48.54	0.95	ppb
Beryllium	9-1	0.00	-0.01	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	44.07	43.09	43.19	43.45	1.24	ppb
Boron	11-1	44.51	44.80	46.48	45.27	2.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	0.19	0.12	0.16	24.99	ppb
Cadmium	106-1	1.82	2.49	1.49	1.94	26.35	ppb
Cadmium	108-1	-0.17	-0.07	-0.10	-0.11		ppb
Calcium	43-1	28391.81	28196.50	28455.38	28347.90	0.48	ppb
Calcium	44-1	28152.90	27746.53	28137.26	28012.23	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.28	0.26	0.25	12.16	ppb
Cobalt	59-2	0.12	0.13	0.12	0.12	3.11	ppb
Copper	63-2	1.08	1.13	1.12	1.11	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				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	152.90	152.04	152.18	152.37	0.30	ppb
Iron	57-2	212.05	211.32	212.90	212.09	0.37	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	155.10	158.61	154.95	156.22	1.33	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.19	0.20	0.20	4.74	ppb
Lead	207-1	0.19	0.16	0.17	0.17	6.95	ppb
Lead	208-1	0.20	0.18	0.19	0.19	3.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	10310.22	10361.12	10353.72	10341.69	0.27	ppb
Manganese	55-2	27.01	27.09	27.39	27.16	0.74	ppb
Molybdenum	94-1	0.78	0.82	0.84	0.81	3.21	ppb
Molybdenum	95-1	1.02	0.93	1.00	0.98	4.85	ppb
Molybdenum	96-1	0.97	0.97	0.88	0.94	5.43	ppb
Molybdenum	97-1	1.07	1.02	0.93	1.01	6.84	ppb
Molybdenum	98-1	1.00	1.02	0.97	1.00	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.50	0.56	0.53	6.50	ppb
Phosphorus	31-2	47.40	32.52	48.66	42.86	20.95	ppb
Potassium	39-2	2519.87	2536.44	2523.40	2526.57	0.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.45	0.81	1.53	0.93	59.14	ppb
Selenium	77-2	0.00	0.31	0.00	0.10	173.21	ppb
Selenium	78-2	0.15	0.79	0.09	0.35	112.76	ppb
Silicon	28-1	4176.41	4181.96	4144.84	4167.74	0.48	ppb
Silver	107-1	0.01	0.00	0.00	0.00	155.84	ppb
Silver	109-1	0.00	0.01	0.01	0.01	52.27	ppb
Sodium	23-2	26835.07	27352.81	27116.44	27101.44	0.96	ppb
Strontium	86-1	15.96	15.91	16.03	15.97	0.37	ppb
Strontium	88-1	15.95	15.89	16.21	16.01	1.04	ppb
Sulfur	34-1	4286.26	4025.86	4317.76	4209.96	3.81	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	21.07	ppb
Tin	118-1	-0.05	-0.06	-0.07	-0.06		ppb
Titanium	47-1	2.38	2.60	2.29	2.43	6.59	ppb
Uranium	238-1	0.23	0.21	0.22	0.22	5.78	ppb
Vanadium	51-2	0.84	0.85	0.79	0.83	3.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	19.12	18.80	18.42	18.78	1.85	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	31.03	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	60.43	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.11	10.88	10.69	10.89	1.92	ppb
Antimony	121-1	0.17	0.15	0.14	0.15	9.23	ppb
Arsenic	75-2	0.54	0.42	0.43	0.47	13.88	ppb
Barium	135-1	44.01	43.85	43.57	43.81	0.50	ppb
Barium	137-1	44.80	43.03	43.84	43.89	2.01	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	86.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	38.81	40.41	42.24	40.48	4.24	ppb
Boron	11-1	40.15	42.56	43.37	42.03	3.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	0.07	0.07	0.09	48.20	ppb
Cadmium	106-1	1.87	0.80	0.92	1.20	48.97	ppb
Cadmium	108-1	-0.02	-0.15	-0.07	-0.08		ppb
Calcium	43-1	26369.50	26457.67	26582.18	26469.78	0.40	ppb
Calcium	44-1	25765.41	25772.68	26107.70	25881.93	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.25	0.19	0.23	13.40	ppb
Cobalt	59-2	0.10	0.09	0.10	0.10	9.76	ppb
Copper	63-2	2.69	2.78	2.73	2.73	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	49.73	50.54	51.47	50.58	1.71	ppb
Iron	57-2	105.28	111.35	110.16	108.93	2.95	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.33	53.94	52.59	52.96	1.63	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.19	0.18	9.24	ppb
Lead	207-1	0.17	0.16	0.14	0.16	7.33	ppb
Lead	208-1	0.17	0.18	0.17	0.17	3.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	9024.70	9225.84	9270.60	9173.71	1.43	ppb
Manganese	55-2	24.60	25.29	25.17	25.02	1.47	ppb
Molybdenum	94-1	0.66	0.67	0.67	0.67	0.29	ppb
Molybdenum	95-1	0.89	0.87	0.91	0.89	2.32	ppb
Molybdenum	96-1	0.91	0.90	0.92	0.91	1.42	ppb
Molybdenum	97-1	0.93	0.97	0.91	0.93	3.17	ppb
Molybdenum	98-1	0.95	0.90	0.91	0.92	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.57	0.57	0.57	0.78	ppb
Phosphorus	31-2	54.69	35.08	41.92	43.90	22.68	ppb
Potassium	39-2	2340.03	2378.40	2389.73	2369.39	1.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.54	-0.29	0.15	0.14	302.42	ppb
Selenium	77-2	0.00	0.62	0.00	0.21	173.21	ppb
Selenium	78-2	1.45	0.39	0.22	0.69	97.10	ppb
Silicon	28-1	3782.19	3849.84	3807.32	3813.12	0.90	ppb
Silver	107-1	0.00	0.00	0.00	0.00	22.17	ppb
Silver	109-1	0.00	0.00	0.00	0.00	42.61	ppb
Sodium	23-2	25296.98	25307.85	25873.13	25492.65	1.29	ppb
Strontium	86-1	14.46	14.44	14.77	14.56	1.25	ppb
Strontium	88-1	14.70	14.66	14.92	14.76	0.96	ppb
Sulfur	34-1	3800.10	4031.84	4054.35	3962.10	3.55	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.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	0.01	0.05	0.03	66.35	ppb
Titanium	47-1	0.69	0.55	0.58	0.61	12.00	ppb
Uranium	238-1	0.19	0.19	0.19	0.19	1.86	ppb
Vanadium	51-2	0.57	0.53	0.60	0.57	5.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	24.98	24.87	25.75	25.20	1.91	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.69	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	20.54	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-07	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:52:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.55	95.40	74.98	82.64	13.45	ppb
Antimony	121-1	0.22	0.23	0.24	0.23	4.65	ppb
Arsenic	75-2	0.81	0.90	0.96	0.89	8.33	ppb
Barium	135-1	53.32	53.77	51.50	52.86	2.28	ppb
Barium	137-1	52.99	55.10	52.16	53.42	2.83	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	77.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	70.55	75.22	72.06	72.61	3.28	ppb
Boron	11-1	71.92	76.50	76.09	74.84	3.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.15	-0.03	0.02	0.05	198.59	ppb
Cadmium	106-1	1.69	-0.44	0.18	0.48	229.26	ppb
Cadmium	108-1	-0.27	-0.19	0.04	-0.14		ppb
Calcium	43-1	29681.46	30128.70	29322.55	29710.90	1.36	ppb
Calcium	44-1	29169.65	29573.70	28902.97	29215.44	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.51	0.54	0.52	4.99	ppb
Cobalt	59-2	0.22	0.24	0.24	0.23	2.90	ppb
Copper	63-2	2.64	2.90	2.73	2.76	4.80	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				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	313.36	333.27	327.64	324.76	3.16	ppb
Iron	57-2	374.19	401.21	396.31	390.57	3.69	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-07	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:52:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	314.35	337.55	328.59	326.83	3.58	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.36	0.35	0.36	2.14	ppb
Lead	207-1	0.33	0.33	0.34	0.33	1.52	ppb
Lead	208-1	0.36	0.34	0.33	0.34	4.41	ppb
Lithium	6-1				101		%
Magnesium	24-2	10598.96	11003.89	10863.11	10821.99	1.90	ppb
Manganese	55-2	96.33	102.62	101.31	100.09	3.32	ppb
Molybdenum	94-1	1.08	1.09	1.00	1.06	4.44	ppb
Molybdenum	95-1	1.30	1.37	1.28	1.32	3.58	ppb
Molybdenum	96-1	1.39	1.44	1.32	1.39	4.34	ppb
Molybdenum	97-1	1.36	1.41	1.28	1.35	4.78	ppb
Molybdenum	98-1	1.32	1.40	1.37	1.36	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.17	1.17	1.19	2.57	ppb
Phosphorus	31-2	453.28	457.28	453.85	454.80	0.48	ppb
Potassium	39-2	3918.00	4126.91	4042.14	4029.01	2.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	1.12	0.48	0.30	0.63	67.73	ppb
Selenium	77-2	0.61	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	0.45	1.18	0.46	0.70	60.53	ppb
Silicon	28-1	4129.65	4218.65	4076.38	4141.56	1.74	ppb
Silver	107-1	0.01	0.00	0.01	0.01	65.98	ppb
Silver	109-1	0.00	0.02	0.01	0.01	64.02	ppb
Sodium	23-2	35723.95	37314.87	36682.83	36573.88	2.19	ppb
Strontium	86-1	16.93	16.93	16.56	16.81	1.27	ppb
Strontium	88-1	16.98	17.10	16.79	16.96	0.91	ppb
Sulfur	34-1	9585.64	9757.43	9321.01	9554.70	2.30	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-07	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:52:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	10.80	ppb
Tin	118-1	0.01	0.03	-0.04	0.00	3648.91	ppb
Titanium	47-1	3.34	3.22	3.10	3.22	3.85	ppb
Uranium	238-1	0.15	0.16	0.14	0.15	3.66	ppb
Vanadium	51-2	0.93	1.02	0.97	0.97	4.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	29.89	31.90	31.64	31.14	3.52	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	14.25	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	23.40	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.43	7.27	6.64	7.11	5.92	ppb
Antimony	121-1	0.26	0.29	0.28	0.28	4.67	ppb
Arsenic	75-2	0.70	0.53	0.67	0.63	13.75	ppb
Barium	135-1	45.61	46.04	44.37	45.34	1.92	ppb
Barium	137-1	45.70	46.21	45.44	45.78	0.86	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	66.90	68.67	69.80	68.46	2.13	ppb
Boron	11-1	67.06	70.77	71.19	69.67	3.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	-0.01	0.10	0.07	104.47	ppb
Cadmium	106-1	1.81	-0.18	1.20	0.94	108.12	ppb
Cadmium	108-1	-0.10	-0.20	-0.17	-0.16		ppb
Calcium	43-1	27328.87	27567.26	26901.61	27265.91	1.24	ppb
Calcium	44-1	26715.36	27161.97	26440.03	26772.45	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.32	0.26	0.31	14.27	ppb
Cobalt	59-2	0.15	0.17	0.18	0.17	8.49	ppb
Copper	63-2	3.30	3.33	3.36	3.33	0.85	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				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	51.60	52.19	51.18	51.66	0.98	ppb
Iron	57-2	112.71	116.89	115.83	115.14	1.88	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	49.59	53.37	51.03	51.33	3.71	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	3.08	ppb
Lead	207-1	0.10	0.07	0.08	0.08	16.17	ppb
Lead	208-1	0.11	0.08	0.09	0.10	14.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	10021.05	10037.25	9896.84	9985.05	0.77	ppb
Manganese	55-2	79.89	80.40	79.37	79.89	0.64	ppb
Molybdenum	94-1	0.96	0.88	0.92	0.92	4.22	ppb
Molybdenum	95-1	1.19	1.19	1.15	1.18	2.26	ppb
Molybdenum	96-1	1.22	1.27	1.22	1.24	2.03	ppb
Molybdenum	97-1	1.17	1.18	1.26	1.21	4.15	ppb
Molybdenum	98-1	1.15	1.23	1.15	1.18	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.06	0.94	1.03	8.31	ppb
Phosphorus	31-2	325.74	360.27	337.93	341.31	5.13	ppb
Potassium	39-2	3681.02	3727.77	3610.87	3673.22	1.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.35	0.43	0.81	0.53	46.01	ppb
Selenium	77-2	0.31	0.30	0.00	0.20	86.61	ppb
Selenium	78-2	0.04	-0.30	0.55	0.09	449.72	ppb
Silicon	28-1	3785.98	3752.65	3732.13	3756.92	0.72	ppb
Silver	107-1	0.01	0.00	0.01	0.00	76.76	ppb
Silver	109-1	0.00	0.00	0.00	0.00	91.28	ppb
Sodium	23-2	33665.36	34433.26	33500.30	33866.31	1.47	ppb
Strontium	86-1	15.10	15.52	15.04	15.22	1.71	ppb
Strontium	88-1	15.55	15.47	15.21	15.41	1.16	ppb
Sulfur	34-1	8727.60	8782.86	8250.06	8586.84	3.41	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.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	-0.02	0.02	0.04	0.01	278.52	ppb
Titanium	47-1	0.73	0.72	0.61	0.69	9.61	ppb
Uranium	238-1	0.12	0.12	0.13	0.13	2.23	ppb
Vanadium	51-2	0.57	0.57	0.56	0.56	0.51	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	25.37	25.60	25.20	25.39	0.79	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.33	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	616.88	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.78	10.66	10.84	10.76	0.89	ppb
Antimony	121-1	0.12	0.16	0.13	0.14	15.40	ppb
Arsenic	75-2	0.49	0.48	0.45	0.47	3.98	ppb
Barium	135-1	43.12	42.79	44.34	43.42	1.87	ppb
Barium	137-1	42.83	42.87	44.70	43.47	2.46	ppb
Beryllium	9-1	-0.01	0.00	0.00	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	41.47	40.20	43.47	41.71	3.95	ppb
Boron	11-1	40.42	42.74	43.13	42.10	3.48	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	0.04	-0.04	0.05	181.51	ppb
Cadmium	106-1	1.71	0.67	-0.39	0.67	157.73	ppb
Cadmium	108-1	-0.20	0.08	-0.04	-0.06		ppb
Calcium	43-1	25667.80	25905.25	26657.19	26076.75	1.98	ppb
Calcium	44-1	25541.07	25330.64	26237.57	25703.09	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.22	0.23	0.23	1.68	ppb
Cobalt	59-2	0.10	0.11	0.09	0.10	12.02	ppb
Copper	63-2	2.67	2.78	2.62	2.69	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	49.03	50.53	47.87	49.15	2.71	ppb
Iron	57-2	103.88	111.16	102.29	105.78	4.47	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	48.01	51.38	47.38	48.92	4.40	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.16	0.17	0.16	3.68	ppb
Lead	207-1	0.17	0.12	0.14	0.14	17.91	ppb
Lead	208-1	0.15	0.15	0.14	0.15	3.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	8840.48	9584.92	8568.19	8997.86	5.85	ppb
Manganese	55-2	24.40	25.34	23.94	24.56	2.91	ppb
Molybdenum	94-1	0.65	0.69	0.75	0.70	7.57	ppb
Molybdenum	95-1	0.92	0.93	0.98	0.94	3.59	ppb
Molybdenum	96-1	0.87	0.89	0.97	0.91	5.84	ppb
Molybdenum	97-1	0.89	0.90	0.96	0.92	4.16	ppb
Molybdenum	98-1	0.91	0.89	0.99	0.93	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.55	0.57	0.55	3.23	ppb
Phosphorus	31-2	33.22	43.94	13.73	30.30	50.55	ppb
Potassium	39-2	2252.78	2350.72	2215.30	2272.93	3.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.57	0.98	0.32	0.62	53.35	ppb
Selenium	77-2	0.00	0.00	0.29	0.10	173.21	ppb
Selenium	78-2	-0.44	0.95	-0.05	0.15	466.70	ppb
Silicon	28-1	3699.80	3729.73	3895.62	3775.05	2.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00	130.80	ppb
Silver	109-1	0.00	0.01	0.00	0.00	73.52	ppb
Sodium	23-2	24777.76	25390.57	23551.17	24573.17	3.81	ppb
Strontium	86-1	14.22	14.23	14.86	14.43	2.53	ppb
Strontium	88-1	14.33	14.37	14.93	14.54	2.32	ppb
Sulfur	34-1	3669.30	3627.75	4395.50	3897.52	11.08	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.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	0.02	0.02	21.00	ppb
Titanium	47-1	0.56	0.66	0.63	0.61	8.51	ppb
Uranium	238-1	0.21	0.19	0.20	0.20	6.27	ppb
Vanadium	51-2	0.58	0.63	0.58	0.60	4.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	24.34	24.84	24.08	24.42	1.60	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	36.82	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	98.84	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47386.46	46733.80	46119.42	46746.56	1.36	ppb
Antimony	121-1	535.62	490.10	483.90	503.20	5.61	ppb
Arsenic	75-2	509.12	508.67	505.59	507.80	0.38	ppb
Barium	135-1	2709.93	2473.74	2445.54	2543.07	5.71	ppb
Barium	137-1	2860.41	2574.56	2553.48	2662.82	6.44	ppb
Beryllium	9-1	544.06	500.73	492.61	512.47	5.40	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	535.00	495.07	495.73	508.60	4.49	ppb
Boron	11-1	544.91	503.98	502.49	517.13	4.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	569.06	518.18	513.29	533.51	5.79	ppb
Cadmium	106-1	563.53	522.66	514.01	533.40	4.96	ppb
Cadmium	108-1	570.86	523.06	518.94	537.62	5.37	ppb
Calcium	43-1	278797.23	257497.36	249462.72	261919.10	5.79	ppb
Calcium	44-1	277319.34	252258.98	246525.78	258701.37	6.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.16	495.62	486.34	492.38	1.06	ppb
Cobalt	59-2	466.53	467.91	460.70	465.04	0.82	ppb
Copper	63-2	5019.48	5025.26	4956.49	5000.41	0.76	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				101		%
Indium	115-1				90		%
Indium	115-2				95		%
Iron	56-2	122702.57	122020.92	121883.87	122202.45	0.36	ppb
Iron	57-2	119976.91	121208.89	120394.84	120526.88	0.52	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121872.89	121863.18	119938.85	121224.97	0.92	ppb
Krypton	83-1						cps
Lead	206-1	2857.04	2620.82	2618.34	2698.73	5.08	ppb
Lead	207-1	2850.12	2608.52	2582.91	2680.52	5.50	ppb
Lead	208-1	2882.98	2614.58	2589.90	2695.82	6.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	246876.53	245968.00	242406.97	245083.83	0.96	ppb
Manganese	55-2	5031.39	5040.27	4953.90	5008.52	0.95	ppb
Molybdenum	94-1	2781.80	2617.97	2520.00	2639.92	5.01	ppb
Molybdenum	95-1	2782.79	2589.57	2490.11	2620.82	5.68	ppb
Molybdenum	96-1	2820.86	2564.86	2498.50	2628.08	6.48	ppb
Molybdenum	97-1	2810.19	2574.03	2489.91	2624.71	6.33	ppb
Molybdenum	98-1	2772.86	2599.78	2488.54	2620.40	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.69	497.18	490.09	492.32	0.86	ppb
Phosphorus	31-2	9986.38	9939.87	9832.59	9919.61	0.80	ppb
Potassium	39-2	124335.99	125105.25	123650.34	124363.86	0.59	ppb
Rhodium	103-1				85		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	551.28	515.28	491.94	519.50	5.75	ppb
Selenium	77-2	525.97	511.65	494.58	510.73	3.08	ppb
Selenium	78-2	489.30	501.75	500.44	497.16	1.38	ppb
Silicon	28-1	547.85	503.48	494.85	515.39	5.52	ppb
Silver	107-1	545.64	502.07	495.76	514.49	5.28	ppb
Silver	109-1	550.68	504.26	499.69	518.21	5.44	ppb
Sodium	23-2	245549.94	242185.94	240477.51	242737.80	1.06	ppb
Strontium	86-1	557.84	516.11	502.55	525.50	5.48	ppb
Strontium	88-1	559.73	520.14	501.74	527.20	5.62	ppb
Sulfur	34-1	13130.31	10380.99	9842.58	11117.96	15.86	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	535.81	482.37	476.85	498.34	6.53	ppb
Thallium	205-1	585.58	526.76	519.77	544.03	6.64	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	587.30	533.62	528.82	549.91	5.90	ppb
Tin	118-1	534.96	492.23	487.92	505.04	5.15	ppb
Titanium	47-1	2762.18	2522.03	2476.35	2586.86	5.94	ppb
Uranium	238-1	591.56	533.10	531.61	552.09	6.19	ppb
Vanadium	51-2	499.97	500.34	496.33	498.88	0.44	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	4785.93	4783.18	4735.17	4768.09	0.60	ppb
Zirconium	90-1	560.49	518.10	498.81	525.80	6.00	ppb
Zirconium	91-1	553.98	514.13	498.27	522.13	5.50	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:08:18	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	1.61	1.58	1.64	4.50	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	12.61	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	190.78	ppb
Barium	135-1	0.08	0.08	0.09	0.09	9.62	ppb
Barium	137-1	0.11	0.07	0.10	0.09	23.58	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	52.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	4.78	4.20	4.07	4.35	8.69	ppb
Boron	11-1	4.53	4.65	4.50	4.56	1.81	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	-0.11	-0.01	-0.04		ppb
Cadmium	106-1	0.15	-1.52	-0.25	-0.54		ppb
Cadmium	108-1	0.20	0.21	0.31	0.24	26.19	ppb
Calcium	43-1	6.64	10.30	8.51	8.48	21.54	ppb
Calcium	44-1	10.58	9.75	12.47	10.93	12.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.04	0.03	39.02	ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	17.06	ppb
Copper	63-2	0.23	0.23	0.22	0.23	3.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	4.61	4.04	4.03	4.23	7.84	ppb
Iron	57-2	3.77	3.65	3.58	3.67	2.54	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:08:18	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.74	5.38	6.64	5.92	10.95	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.13	0.13	0.12	9.55	ppb
Lead	207-1	0.14	0.10	0.11	0.12	16.47	ppb
Lead	208-1	0.12	0.11	0.12	0.12	3.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	8.44	7.75	8.61	8.26	5.51	ppb
Manganese	55-2	0.16	0.17	0.13	0.16	13.40	ppb
Molybdenum	94-1	0.16	0.17	0.17	0.16	3.12	ppb
Molybdenum	95-1	0.12	0.09	0.09	0.10	13.70	ppb
Molybdenum	96-1	0.11	0.11	0.09	0.10	13.64	ppb
Molybdenum	97-1	0.10	0.12	0.10	0.11	9.58	ppb
Molybdenum	98-1	0.12	0.10	0.12	0.11	14.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	318.53	ppb
Phosphorus	31-2	11.71	-4.31	-23.22	-5.27		ppb
Potassium	39-2	13.27	15.29	19.22	15.93	18.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.60	1.10	0.52	0.34	252.56	ppb
Selenium	77-2	0.00	0.32	0.00	0.11	173.21	ppb
Selenium	78-2	0.08	0.03	0.02	0.04	83.98	ppb
Silicon	28-1	-6.02	-8.10	-7.03	-7.05		ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.83	ppb
Silver	109-1	0.03	0.03	0.03	0.03	15.58	ppb
Sodium	23-2	60.59	56.73	58.22	58.52	3.32	ppb
Strontium	86-1	0.02	0.02	0.01	0.02	12.38	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.73	ppb
Sulfur	34-1	-1629.22	-2153.61	-2124.55	-1969.13		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.06	0.05	0.06	13.85	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	17.68	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:08:18	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.04	0.05	0.04	0.04	11.70	ppb
Tin	118-1	0.00	-0.04	-0.02	-0.02		ppb
Titanium	47-1	0.19	0.11	0.14	0.14	27.41	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.03	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	44.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.33	0.23	0.26	0.27	18.74	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	16.84	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	42.70	ppb

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : PB139952BL Instrumnet Name : P7
 Client Sample ID : PB139952BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 20:11:25 DataFile Name : 032CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.25	0.35	0.41	49.42	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	79.63	ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.00	0.00	0.02	0.01	85.25	ppb
Barium	137-1	0.01	0.01	0.02	0.01	37.66	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	16.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	3.66	3.12	1.85	2.88	32.22	ppb
Boron	11-1	2.68	2.88	2.91	2.82	4.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	-0.03	0.00	982.83	ppb
Cadmium	106-1	0.62	0.43	-0.32	0.25	203.15	ppb
Cadmium	108-1	0.11	0.21	0.24	0.19	36.00	ppb
Calcium	43-1	3.25	1.63	3.18	2.69	33.98	ppb
Calcium	44-1	5.76	4.93	5.13	5.27	8.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.01	0.01	106.01	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	212.97	ppb
Copper	63-2	0.09	0.08	0.08	0.08	9.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.90	0.70	0.68	0.76	15.71	ppb
Iron	57-2	-1.16	0.34	-0.76	-0.53		ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BL	Instrumnet Name :	P7
Client Sample ID :	PB139952BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:11:25	DataFile Name :	032CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.80	1.47	0.73	1.33	41.17	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.05	0.06	14.34	ppb
Lead	207-1	0.07	0.08	0.04	0.06	33.96	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.77	1.82	1.83	1.81	1.64	ppb
Manganese	55-2	0.05	0.01	0.04	0.03	52.68	ppb
Molybdenum	94-1	0.03	0.05	0.04	0.04	20.88	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	32.72	ppb
Molybdenum	96-1	0.02	0.02	0.04	0.03	48.52	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	31.43	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	28.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-2.50	-5.39	5.81	-0.69		ppb
Potassium	39-2	12.58	8.07	9.72	10.12	22.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.24	0.30	1.09	0.54	86.53	ppb
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	0.69	0.93	0.70	0.77	17.37	ppb
Silicon	28-1	-3.79	-6.35	-6.60	-5.58		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.30	ppb
Sodium	23-2	44.83	40.65	42.66	42.71	4.90	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	318.24	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	7.46	ppb
Sulfur	34-1	-1337.39	-1840.38	-1842.40	-1673.39		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.01	0.01	50.23	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.67	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BL	Instrumnet Name :	P7
Client Sample ID :	PB139952BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:11:25	DataFile Name :	032CCBD.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	9.66	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.05	0.10	0.00	0.05	91.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.57	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	144.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.21	0.13	0.10	0.15	41.90	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	40.37	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	173.69	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8623.24	8586.05	8696.95	8635.41	0.65	ppb
Antimony	121-1	497.02	484.70	486.62	489.45	1.35	ppb
Arsenic	75-2	496.72	497.58	499.30	497.87	0.26	ppb
Barium	135-1	2482.87	2433.88	2425.74	2447.50	1.26	ppb
Barium	137-1	2632.14	2560.91	2552.35	2581.80	1.70	ppb
Beryllium	9-1	498.63	487.72	491.87	492.74	1.12	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	492.57	489.42	496.68	492.89	0.74	ppb
Boron	11-1	487.84	488.83	502.31	492.99	1.64	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	518.97	507.14	505.26	510.46	1.46	ppb
Cadmium	106-1	519.92	503.44	505.24	509.53	1.77	ppb
Cadmium	108-1	510.73	501.79	502.10	504.87	1.00	ppb
Calcium	43-1	53576.47	52355.94	52364.76	52765.72	1.33	ppb
Calcium	44-1	51656.52	50960.59	50843.06	51153.39	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.03	495.49	497.60	496.37	0.22	ppb
Cobalt	59-2	479.26	470.85	482.50	477.53	1.26	ppb
Copper	63-2	5086.28	4978.19	4970.35	5011.61	1.29	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				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	25361.45	25356.72	25331.40	25349.86	0.06	ppb
Iron	57-2	23975.41	23922.87	24160.49	24019.59	0.52	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25196.95	25049.74	25136.30	25127.67	0.29	ppb
Krypton	83-1						cps
Lead	206-1	2591.90	2534.99	2523.35	2550.08	1.44	ppb
Lead	207-1	2587.76	2511.58	2497.15	2532.16	1.92	ppb
Lead	208-1	2610.52	2526.06	2517.70	2551.42	2.01	ppb
Lithium	6-1				96		%
Magnesium	24-2	48829.17	48510.54	48708.12	48682.61	0.33	ppb
Manganese	55-2	5034.06	5063.34	5010.43	5035.94	0.53	ppb
Molybdenum	94-1	2570.80	2565.27	2487.42	2541.17	1.83	ppb
Molybdenum	95-1	2571.16	2560.75	2511.51	2547.81	1.25	ppb
Molybdenum	96-1	2567.43	2511.66	2507.52	2528.87	1.32	ppb
Molybdenum	97-1	2542.33	2516.96	2504.24	2521.18	0.77	ppb
Molybdenum	98-1	2565.32	2537.52	2462.00	2521.61	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.45	500.63	502.62	502.57	0.38	ppb
Phosphorus	31-2	9815.02	9854.45	9952.19	9873.89	0.72	ppb
Potassium	39-2	24875.57	24842.55	25190.10	24969.41	0.77	ppb
Rhodium	103-1				93		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	503.71	499.32	487.38	496.80	1.70	ppb
Selenium	77-2	499.84	485.31	484.48	489.88	1.76	ppb
Selenium	78-2	489.21	497.03	495.73	493.99	0.85	ppb
Silicon	28-1	512.54	512.13	525.00	516.56	1.42	ppb
Silver	107-1	502.36	492.28	490.82	495.15	1.27	ppb
Silver	109-1	506.91	491.31	490.60	496.27	1.86	ppb
Sodium	23-2	49214.66	48686.44	48658.47	48853.19	0.64	ppb
Strontium	86-1	513.44	505.98	498.23	505.88	1.50	ppb
Strontium	88-1	522.17	508.16	497.55	509.29	2.42	ppb
Sulfur	34-1	10023.44	9128.51	8835.40	9329.12	6.63	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	478.11	471.21	469.67	473.00	0.95	ppb
Thallium	205-1	525.11	512.15	510.15	515.80	1.57	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	504.38	499.91	496.47	500.26	0.79	ppb
Tin	118-1	499.16	482.90	487.57	489.88	1.71	ppb
Titanium	47-1	2529.08	2458.95	2444.48	2477.50	1.83	ppb
Uranium	238-1	500.20	493.25	490.81	494.75	0.98	ppb
Vanadium	51-2	496.80	497.96	497.70	497.49	0.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4778.00	4753.42	4759.34	4763.59	0.27	ppb
Zirconium	90-1	504.79	504.17	500.88	503.28	0.42	ppb
Zirconium	91-1	506.63	499.93	490.69	499.08	1.60	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.21	3.00	2.52	2.91	12.05	ppb
Antimony	121-1	0.06	0.07	0.09	0.07	17.29	ppb
Arsenic	75-2	0.09	0.10	0.06	0.09	23.90	ppb
Barium	135-1	7.71	8.18	8.34	8.08	4.10	ppb
Barium	137-1	8.13	8.45	8.25	8.28	1.97	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	15.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	12.23	10.64	11.88	11.58	7.22	ppb
Boron	11-1	12.03	12.30	12.16	12.16	1.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	0.02	-0.16	-0.05		ppb
Cadmium	106-1	-0.18	0.06	-1.95	-0.69		ppb
Cadmium	108-1	-0.03	-0.11	0.06	-0.03		ppb
Calcium	43-1	4996.20	5158.84	5052.63	5069.22	1.63	ppb
Calcium	44-1	4953.24	5116.33	5154.61	5074.73	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.04	0.04	6.97	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	18.72	ppb
Copper	63-2	0.67	0.62	0.68	0.66	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	10.18	9.90	9.86	9.98	1.75	ppb
Iron	57-2	19.04	18.75	20.38	19.39	4.51	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	9.68	12.61	9.63	10.64	16.04	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.14	0.12	0.12	9.92	ppb
Lead	207-1	0.13	0.11	0.13	0.13	9.90	ppb
Lead	208-1	0.12	0.14	0.12	0.13	7.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	1802.00	1767.56	1781.52	1783.69	0.97	ppb
Manganese	55-2	4.93	4.91	4.71	4.85	2.45	ppb
Molybdenum	94-1	0.19	0.20	0.18	0.19	6.08	ppb
Molybdenum	95-1	0.28	0.22	0.22	0.24	14.02	ppb
Molybdenum	96-1	0.20	0.22	0.23	0.22	6.23	ppb
Molybdenum	97-1	0.22	0.22	0.19	0.21	9.88	ppb
Molybdenum	98-1	0.23	0.22	0.25	0.23	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.09	0.09	0.11	31.93	ppb
Phosphorus	31-2	9.30	5.62	2.49	5.81	58.70	ppb
Potassium	39-2	472.93	458.26	450.29	460.50	2.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.43	0.47	-0.26	0.22	189.92	ppb
Selenium	77-2	0.00	0.31	0.31	0.21	86.60	ppb
Selenium	78-2	-0.07	0.98	0.69	0.53	101.96	ppb
Silicon	28-1	728.63	747.81	737.03	737.82	1.30	ppb
Silver	107-1	0.01	0.02	0.02	0.02	23.02	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.04	ppb
Sodium	23-2	4771.87	4634.40	4679.71	4695.32	1.49	ppb
Strontium	86-1	2.71	2.87	2.79	2.79	2.82	ppb
Strontium	88-1	2.70	2.83	2.83	2.79	2.75	ppb
Sulfur	34-1	-1458.75	-1197.22	-1320.10	-1325.36		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.05	0.05	19.83	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	11.69	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	12.96	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.20	0.12	0.26	0.19	35.29	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	4.91	ppb
Vanadium	51-2	0.11	0.10	0.10	0.10	3.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5.41	4.79	4.96	5.05	6.35	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	10.55	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	92.86	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9170.70	8976.99	8801.67	8983.12	2.05	ppb
Antimony	121-1	486.54	496.89	483.35	488.93	1.45	ppb
Arsenic	75-2	531.94	534.25	519.56	528.58	1.49	ppb
Barium	135-1	2464.55	2528.24	2440.18	2477.66	1.84	ppb
Barium	137-1	2560.40	2681.06	2586.92	2609.46	2.43	ppb
Beryllium	9-1	490.41	506.49	494.07	496.99	1.70	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	520.45	555.21	552.03	542.56	3.54	ppb
Boron	11-1	519.20	550.91	546.54	538.88	3.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	506.11	512.48	498.55	505.71	1.38	ppb
Cadmium	106-1	504.82	515.56	486.35	502.24	2.94	ppb
Cadmium	108-1	499.98	517.43	493.69	503.70	2.44	ppb
Calcium	43-1	76280.14	81289.85	77172.39	78247.46	3.42	ppb
Calcium	44-1	75030.26	78861.76	74937.91	76276.64	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.55	515.65	506.36	516.52	2.06	ppb
Cobalt	59-2	507.01	499.18	489.36	498.51	1.77	ppb
Copper	63-2	5881.83	5808.11	5728.52	5806.15	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				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	26574.49	26248.60	25496.50	26106.53	2.12	ppb
Iron	57-2	25203.39	24902.97	24213.11	24773.16	2.05	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26274.62	25893.57	25296.97	25821.72	1.91	ppb
Krypton	83-1						cps
Lead	206-1	2575.92	2737.60	2568.22	2627.25	3.64	ppb
Lead	207-1	2579.84	2748.79	2635.80	2654.81	3.24	ppb
Lead	208-1	2572.89	2736.74	2607.71	2639.11	3.27	ppb
Lithium	6-1				95		%
Magnesium	24-2	60955.20	59443.65	58410.78	59603.21	2.15	ppb
Manganese	55-2	5775.01	5702.62	5559.44	5679.02	1.93	ppb
Molybdenum	94-1	2452.41	2590.73	2494.37	2512.50	2.82	ppb
Molybdenum	95-1	2459.80	2600.85	2477.52	2512.72	3.06	ppb
Molybdenum	96-1	2449.89	2583.39	2453.11	2495.46	3.05	ppb
Molybdenum	97-1	2420.79	2593.90	2476.34	2497.01	3.54	ppb
Molybdenum	98-1	2455.35	2595.46	2467.32	2506.04	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.39	521.48	508.55	518.47	1.70	ppb
Phosphorus	31-2	53.32	46.60	22.50	40.81	39.71	ppb
Potassium	39-2	28250.38	28103.25	27225.82	27859.82	1.99	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	489.56	512.64	491.70	497.97	2.56	ppb
Selenium	77-2	513.21	527.90	498.31	513.14	2.88	ppb
Selenium	78-2	512.31	511.78	499.02	507.70	1.48	ppb
Silicon	28-1	4304.71	4475.17	4277.63	4352.50	2.46	ppb
Silver	107-1	467.22	544.86	440.29	484.13	11.22	ppb
Silver	109-1	479.40	471.22	455.01	468.54	2.65	ppb
Sodium	23-2	79170.37	76969.93	75412.36	77184.22	2.45	ppb
Strontium	86-1	511.28	538.45	513.95	521.23	2.87	ppb
Strontium	88-1	515.76	541.10	514.02	523.63	2.89	ppb
Sulfur	34-1	3951.65	4613.66	3427.91	3997.74	14.86	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	471.53	493.40	474.48	479.80	2.47	ppb
Thallium	205-1	512.77	532.68	509.94	518.46	2.39	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.07	0.06	0.05	0.06	20.64	ppb
Tin	118-1	479.53	497.44	481.60	486.19	2.02	ppb
Titanium	47-1	2410.61	2496.89	2395.24	2434.25	2.25	ppb
Uranium	238-1	503.47	522.70	502.62	509.60	2.23	ppb
Vanadium	51-2	530.80	524.83	514.13	523.25	1.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5324.78	5226.25	5115.80	5222.27	2.00	ppb
Zirconium	90-1	490.94	518.05	494.26	501.08	2.95	ppb
Zirconium	91-1	485.75	515.98	486.71	496.15	3.46	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8823.15	8644.79	8704.48	8724.14	1.04	ppb
Antimony	121-1	485.44	486.27	491.06	487.59	0.62	ppb
Arsenic	75-2	523.48	510.96	519.15	517.87	1.23	ppb
Barium	135-1	2453.95	2443.95	2497.38	2465.09	1.15	ppb
Barium	137-1	2634.97	2599.02	2657.55	2630.51	1.12	ppb
Beryllium	9-1	494.44	490.47	492.62	492.51	0.40	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	531.27	543.82	543.18	539.42	1.31	ppb
Boron	11-1	532.26	544.80	550.85	542.64	1.75	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	504.59	503.87	508.94	505.80	0.54	ppb
Cadmium	106-1	497.18	504.46	512.60	504.75	1.53	ppb
Cadmium	108-1	500.37	505.59	507.49	504.48	0.73	ppb
Calcium	43-1	77626.23	77782.01	79073.30	78160.51	1.02	ppb
Calcium	44-1	75320.46	76249.41	76135.48	75901.78	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.44	501.19	504.35	505.99	1.15	ppb
Cobalt	59-2	493.04	484.01	484.16	487.07	1.06	ppb
Copper	63-2	5685.67	5569.65	5525.21	5593.51	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	25923.87	25350.40	25163.04	25479.10	1.56	ppb
Iron	57-2	24551.61	24101.15	24152.35	24268.37	1.02	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25692.22	25127.69	25265.49	25361.80	1.16	ppb
Krypton	83-1						cps
Lead	206-1	2624.98	2654.52	2625.88	2635.13	0.64	ppb
Lead	207-1	2680.29	2674.21	2640.19	2664.90	0.81	ppb
Lead	208-1	2641.99	2660.50	2651.47	2651.32	0.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	58386.16	57839.45	57747.42	57991.01	0.60	ppb
Manganese	55-2	5636.84	5549.97	5552.56	5579.79	0.89	ppb
Molybdenum	94-1	2503.36	2489.81	2517.34	2503.50	0.55	ppb
Molybdenum	95-1	2463.60	2505.47	2502.48	2490.52	0.94	ppb
Molybdenum	96-1	2502.19	2501.28	2490.24	2497.90	0.27	ppb
Molybdenum	97-1	2533.03	2484.34	2518.97	2512.11	1.00	ppb
Molybdenum	98-1	2528.25	2490.68	2495.39	2504.78	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.53	506.60	505.83	507.99	0.61	ppb
Phosphorus	31-2	51.73	22.57	42.60	38.97	38.29	ppb
Potassium	39-2	27761.33	27087.16	27096.50	27315.00	1.42	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	495.00	492.62	494.34	493.99	0.25	ppb
Selenium	77-2	498.68	505.22	509.94	504.62	1.12	ppb
Selenium	78-2	498.81	494.32	500.38	497.84	0.63	ppb
Silicon	28-1	4314.67	4336.80	4392.25	4347.91	0.92	ppb
Silver	107-1	415.29	380.05	481.04	425.46	12.05	ppb
Silver	109-1	516.36	529.68	386.63	477.56	16.55	ppb
Sodium	23-2	76971.84	75571.34	75702.37	76081.85	1.02	ppb
Strontium	86-1	521.45	519.28	519.74	520.16	0.22	ppb
Strontium	88-1	520.76	524.19	523.28	522.74	0.34	ppb
Sulfur	34-1	3616.33	3467.95	3483.29	3522.52	2.32	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	478.89	473.43	484.13	478.82	1.12	ppb
Thallium	205-1	517.19	521.18	520.17	519.51	0.40	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	14.17	ppb
Tin	118-1	483.87	485.51	490.38	486.59	0.70	ppb
Titanium	47-1	2440.84	2420.76	2468.19	2443.26	0.97	ppb
Uranium	238-1	508.26	506.64	515.36	510.09	0.91	ppb
Vanadium	51-2	515.00	507.60	505.99	509.53	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5159.33	5048.02	5072.83	5093.39	1.15	ppb
Zirconium	90-1	509.89	494.07	497.71	500.56	1.66	ppb
Zirconium	91-1	496.25	491.81	492.34	493.47	0.49	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8583.00	8810.56	8943.53	8779.03	2.08	ppb
Antimony	121-1	499.40	484.06	498.54	494.00	1.74	ppb
Arsenic	75-2	507.30	518.61	532.69	519.53	2.45	ppb
Barium	135-1	2514.89	2451.41	2504.62	2490.31	1.37	ppb
Barium	137-1	2689.91	2553.08	2658.35	2633.78	2.72	ppb
Beryllium	9-1	504.44	494.87	498.42	499.24	0.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	545.47	543.94	563.75	551.05	2.00	ppb
Boron	11-1	547.30	551.77	559.51	552.86	1.12	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	521.14	502.87	512.97	512.33	1.79	ppb
Cadmium	106-1	523.25	493.54	507.94	508.24	2.92	ppb
Cadmium	108-1	510.50	490.63	512.05	504.39	2.37	ppb
Calcium	43-1	80565.72	78311.78	78925.17	79267.56	1.47	ppb
Calcium	44-1	77537.76	76346.69	77132.93	77005.79	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.81	510.62	519.36	508.93	2.23	ppb
Cobalt	59-2	478.95	495.97	503.27	492.73	2.53	ppb
Copper	63-2	5850.60	5945.12	6016.72	5937.48	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				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	25355.11	26011.98	26021.12	25796.07	1.48	ppb
Iron	57-2	23887.09	24544.05	25072.64	24501.26	2.42	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	24937.16	25690.69	25883.92	25503.92	1.96	ppb
Krypton	83-1						cps
Lead	206-1	2685.15	2642.94	2661.63	2663.24	0.79	ppb
Lead	207-1	2690.23	2677.18	2684.16	2683.86	0.24	ppb
Lead	208-1	2706.76	2655.78	2665.14	2675.89	1.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	57463.07	58824.28	59450.77	58579.37	1.73	ppb
Manganese	55-2	5488.00	5684.02	5686.28	5619.43	2.03	ppb
Molybdenum	94-1	2584.47	2533.44	2543.77	2553.89	1.06	ppb
Molybdenum	95-1	2578.11	2500.90	2556.99	2545.33	1.57	ppb
Molybdenum	96-1	2577.40	2509.44	2539.59	2542.14	1.34	ppb
Molybdenum	97-1	2573.75	2505.91	2551.13	2543.60	1.36	ppb
Molybdenum	98-1	2584.88	2515.35	2538.52	2546.25	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.99	515.43	520.28	512.57	1.85	ppb
Phosphorus	31-2	29.83	36.66	43.56	36.68	18.71	ppb
Potassium	39-2	27094.62	27847.69	28447.17	27796.49	2.44	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	513.02	497.76	509.96	506.91	1.59	ppb
Selenium	77-2	495.74	519.17	511.35	508.75	2.35	ppb
Selenium	78-2	487.87	502.44	518.01	502.78	3.00	ppb
Silicon	28-1	4501.85	4429.98	4456.24	4462.69	0.81	ppb
Silver	107-1	450.46	491.98	466.81	469.75	4.45	ppb
Silver	109-1	441.08	418.80	484.71	448.20	7.48	ppb
Sodium	23-2	74306.16	76430.85	76368.95	75701.99	1.60	ppb
Strontium	86-1	537.67	530.75	526.87	531.76	1.03	ppb
Strontium	88-1	536.93	528.03	533.93	532.96	0.85	ppb
Sulfur	34-1	4090.28	3183.48	3024.66	3432.81	16.75	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	487.58	482.43	486.30	485.43	0.55	ppb
Thallium	205-1	533.45	527.99	529.71	530.38	0.53	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.02	0.01	7.46	ppb
Tin	118-1	499.70	483.23	495.29	492.74	1.73	ppb
Titanium	47-1	2499.96	2453.94	2464.71	2472.87	0.97	ppb
Uranium	238-1	513.43	512.71	517.94	514.69	0.55	ppb
Vanadium	51-2	507.53	518.15	526.87	517.51	1.87	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5014.16	5177.67	5238.79	5143.54	2.26	ppb
Zirconium	90-1	511.56	498.87	508.81	506.41	1.32	ppb
Zirconium	91-1	509.74	492.51	505.71	502.65	1.79	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46887.11	46760.47	46759.36	46802.31	0.16	ppb
Antimony	121-1	468.96	481.91	482.10	477.66	1.58	ppb
Arsenic	75-2	524.99	518.88	521.31	521.72	0.59	ppb
Barium	135-1	2357.94	2433.95	2443.22	2411.70	1.94	ppb
Barium	137-1	2504.48	2594.84	2588.91	2562.74	1.97	ppb
Beryllium	9-1	489.46	494.83	501.42	495.24	1.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	504.07	515.14	523.57	514.26	1.90	ppb
Boron	11-1	499.27	511.27	523.32	511.28	2.35	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	517.06	533.29	533.41	527.92	1.78	ppb
Cadmium	106-1	509.41	531.71	529.56	523.56	2.35	ppb
Cadmium	108-1	514.15	523.18	530.45	522.59	1.56	ppb
Calcium	43-1	252908.84	251600.19	251642.57	252050.53	0.30	ppb
Calcium	44-1	250507.64	250972.77	251016.77	250832.39	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.61	490.25	483.69	488.18	0.80	ppb
Cobalt	59-2	460.20	461.95	459.00	460.38	0.32	ppb
Copper	63-2	5007.93	5035.30	4987.29	5010.17	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	122674.19	122023.36	121278.49	121992.02	0.57	ppb
Iron	57-2	120345.81	120475.78	118862.98	119894.85	0.75	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121488.67	121828.32	119712.83	121009.94	0.94	ppb
Krypton	83-1						cps
Lead	206-1	2608.47	2580.46	2633.38	2607.44	1.02	ppb
Lead	207-1	2605.13	2598.15	2617.73	2607.00	0.38	ppb
Lead	208-1	2591.61	2589.46	2609.63	2596.90	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	244501.18	246870.05	247031.05	246134.09	0.58	ppb
Manganese	55-2	5173.82	5182.82	5165.06	5173.90	0.17	ppb
Molybdenum	94-1	2520.05	2497.83	2551.45	2523.11	1.07	ppb
Molybdenum	95-1	2550.82	2507.21	2517.45	2525.16	0.90	ppb
Molybdenum	96-1	2529.75	2501.24	2527.88	2519.62	0.63	ppb
Molybdenum	97-1	2519.26	2495.29	2538.19	2517.58	0.85	ppb
Molybdenum	98-1	2496.61	2445.86	2518.60	2487.02	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.66	477.33	474.69	475.89	0.28	ppb
Phosphorus	31-2	9979.96	9838.59	9675.91	9831.49	1.55	ppb
Potassium	39-2	125175.59	124837.63	125240.91	125084.71	0.17	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	514.49	509.76	519.28	514.51	0.92	ppb
Selenium	77-2	518.30	529.71	509.60	519.20	1.94	ppb
Selenium	78-2	522.09	514.99	533.58	523.55	1.79	ppb
Silicon	28-1	522.60	549.75	557.70	543.35	3.39	ppb
Silver	107-1	459.83	475.48	476.52	470.61	1.99	ppb
Silver	109-1	458.22	474.87	473.52	468.87	1.97	ppb
Sodium	23-2	240644.47	240858.71	238887.03	240130.07	0.45	ppb
Strontium	86-1	499.73	503.47	504.30	502.50	0.48	ppb
Strontium	88-1	500.01	498.34	501.74	500.03	0.34	ppb
Sulfur	34-1	7998.95	7997.23	8118.49	8038.22	0.86	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	478.09	477.48	483.71	479.76	0.72	ppb
Thallium	205-1	523.61	522.34	529.16	525.04	0.69	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	527.82	527.80	531.60	529.07	0.41	ppb
Tin	118-1	466.55	482.51	485.93	478.33	2.16	ppb
Titanium	47-1	2469.42	2457.95	2482.81	2470.06	0.50	ppb
Uranium	238-1	530.85	524.03	535.67	530.18	1.10	ppb
Vanadium	51-2	494.27	498.97	493.92	495.72	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	4728.43	4785.87	4704.52	4739.61	0.88	ppb
Zirconium	90-1	503.81	501.66	505.49	503.65	0.38	ppb
Zirconium	91-1	492.17	488.43	498.44	493.01	1.03	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:42:55	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.46	0.39	0.50	0.45	12.53	ppb
Antimony	121-1	0.07	0.05	0.06	0.06	16.82	ppb
Arsenic	75-2	0.00	0.01	-0.02	0.00		ppb
Barium	135-1	0.04	0.03	0.01	0.02	64.71	ppb
Barium	137-1	0.04	0.02	0.00	0.02	109.82	ppb
Beryllium	9-1	0.11	0.06	0.08	0.08	27.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	6.77	5.77	5.40	5.98	11.86	ppb
Boron	11-1	6.86	6.21	5.97	6.35	7.26	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.11	0.14	-0.03	0.00	3824.85	ppb
Cadmium	106-1	-1.36	1.72	-0.18	0.06	2559.21	ppb
Cadmium	108-1	0.29	-0.04	0.08	0.11	151.57	ppb
Calcium	43-1	4.17	3.17	2.55	3.30	24.86	ppb
Calcium	44-1	8.38	3.34	3.28	5.00	58.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.00	163.82	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	98.21	ppb
Copper	63-2	0.12	0.15	0.16	0.14	16.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	0.67	0.78	0.64	0.70	10.95	ppb
Iron	57-2	0.28	-0.30	1.40	0.46	188.08	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:42:55	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.22	1.35	0.85	1.48	47.01	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.20	0.20	0.22	12.21	ppb
Lead	207-1	0.25	0.19	0.17	0.21	19.09	ppb
Lead	208-1	0.24	0.20	0.18	0.21	15.68	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.72	1.60	1.60	1.64	4.02	ppb
Manganese	55-2	0.04	0.04	0.06	0.05	18.19	ppb
Molybdenum	94-1	0.08	0.07	0.05	0.07	22.80	ppb
Molybdenum	95-1	0.07	0.05	0.05	0.06	25.56	ppb
Molybdenum	96-1	0.07	0.03	0.04	0.05	35.07	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	19.10	ppb
Molybdenum	98-1	0.05	0.05	0.03	0.04	27.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	4.37	10.56	-7.61	2.44	378.78	ppb
Potassium	39-2	11.77	16.82	9.17	12.59	30.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	82-1	0.89	0.20	0.07	0.38	113.60	ppb
Selenium	77-2	0.00	0.30	0.00	0.10	173.21	ppb
Selenium	78-2	0.39	1.26	0.11	0.58	102.45	ppb
Silicon	28-1	4.39	-5.20	-6.46	-2.42		ppb
Silver	107-1	0.16	0.07	0.06	0.09	60.52	ppb
Silver	109-1	0.16	0.06	0.53	0.25	99.31	ppb
Sodium	23-2	47.96	52.84	48.08	49.63	5.61	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	228.13	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	52.91	ppb
Sulfur	34-1	-414.70	-2244.89	-2755.34	-1804.97		ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.02	0.03	0.03	32.25	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	29.66	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:42:55	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	46.37	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	486.44	ppb
Titanium	47-1	0.10	0.07	0.03	0.07	49.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	79.41	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	82.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	0.45	0.28	0.42	0.38	23.71	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.31	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.00	450.57	ppb

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	167	128	139	17.44	cps
Antimony	121-1	167	200	167	178	10.83	cps
Arsenic	75-2	15	15	26	19	34.67	cps
Barium	135-1	42	50	8	33	66.15	cps
Barium	137-1	25	100	67	64	58.82	cps
Beryllium	9-1	83	63	73	73	13.64	cps
Bismuth	209-1	4857007	4861528	4952429	4890321	1.10	cps
Bismuth	209-2	3366337	3359819	3410122	3378759	0.81	cps
Boron	10-1	225	283	250	253	11.58	cps
Boron	11-1	1292	1017	1225	1178	12.18	cps
Bromine	81-1	8019	8278	8061	8119	1.71	cps
Bromine	81-2	50	30	60	47	32.73	cps
Cadmium	111-1	3409	3328	3374	3370	1.21	cps
Cadmium	106-1	4868	4743	4868	4826	1.50	cps
Cadmium	108-1	75	54	71	67	16.53	cps
Calcium	43-1	283	142	150	192	41.48	cps
Calcium	44-1	11104	10562	11305	10990	3.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1247	1350	1243	1280	4.74	cps
Cobalt	59-2	70	83	73	76	9.18	cps
Copper	63-2	900	920	690	837	15.23	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	100	25	50	58	65.47	cps
Erbium	164-2	13	13	37	21	63.83	cps
Gadolinium	160-1	25	117	100	81	60.62	cps
Gadolinium	160-2	170	153	177	167	7.21	cps
Holmium	165-1	8401615	8638462	8681017	8573698	1.76	cps
Holmium	165-2	5163688	5181196	5206716	5183867	0.42	cps
Indium	115-1	6425898	6578698	6496799	6500465	1.18	cps
Indium	115-2	1900741	1915749	1908042	1908177	0.39	cps
Iron	56-2	7997	8180	8330	8169	2.04	cps
Iron	57-2	533	500	472	502	6.10	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1752	1552	1672	1658	6.08	cps
Krypton	83-1	703	700	673	692	2.38	cps
Lead	206-1	978	945	967	963	1.76	cps
Lead	207-1	767	856	833	819	5.65	cps
Lead	208-1	3667	3856	3695	3739	2.73	cps
Lithium	6-1	1993973	2025087	2031218	2016759	0.99	cps
Magnesium	24-2	233	261	211	235	10.65	cps
Manganese	55-2	120	170	187	159	21.84	cps
Molybdenum	94-1	175	192	142	169	15.02	cps
Molybdenum	95-1	42	42	42	42	0.00	cps
Molybdenum	96-1	108	108	108	108	0.00	cps
Molybdenum	97-1	17	25	33	25	33.32	cps
Molybdenum	98-1	58	100	42	67	45.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	127	170	127	141	17.73	cps
Phosphorus	31-2	575	658	608	614	6.83	cps
Potassium	39-2	85688	84221	85176	85028	0.88	cps
Rhodium	103-1	5843996	6271900	6206763	6107553	3.77	cps
Rhodium	103-2	3520847	3550094	3552194	3541045	0.49	cps
Scandium	45-1	4066793	4159316	4145444	4123851	1.21	cps
Scandium	45-2	325465	322511	325665	324547	0.54	cps
Selenium	82-1	-65	-88	33	-40	-160.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	102	120	99	22.46	cps
Silicon	28-1	514497	517663	513391	515184	0.43	cps
Silver	107-1	50	100	83	78	32.73	cps
Silver	109-1	8	58	25	31	83.32	cps
Sodium	23-2	25811	26156	25628	25865	1.04	cps
Strontium	86-1	950	1008	1225	1061	13.66	cps
Strontium	88-1	283	283	308	292	4.95	cps
Sulfur	34-1	653010	649572	657404	653329	0.60	cps
Terbium	159-1	8615832	8886870	8789049	8763917	1.57	cps
Terbium	159-2	5199984	5181067	5231690	5204247	0.49	cps
Thallium	203-1	158	275	192	208	28.84	cps
Thallium	205-1	492	567	633	564	12.57	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:32:45	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	267	139	206	204	31.37	cps
Tin	118-1	1967	1850	1817	1878	4.19	cps
Titanium	47-1	108	92	42	81	43.07	cps
Uranium	238-1	50	83	83	72	26.65	cps
Vanadium	51-2	13	3	37	18	96.24	cps
Yttrium	89-1	10556523	10919715	10782827	10753022	1.71	cps
Yttrium	89-2	2331238	2385450	2356424	2357704	1.15	cps
Zinc	66-2	549	475	529	518	7.34	cps
Zirconium	90-1	742	508	592	614	19.26	cps
Zirconium	91-1	117	117	142	125	11.55	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:42:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4401	4134	4401	4312	3.57	cps
Antimony	121-1	15400	15834	16018	15751	2.01	cps
Arsenic	75-2	404	452	439	431	5.77	cps
Barium	135-1	18538	19840	19823	19400	3.85	cps
Barium	137-1	32689	33240	33750	33226	1.60	cps
Beryllium	9-1	2053	2124	1987	2055	3.33	cps
Bismuth	209-1	4940532	4968711	5028483	4979242	0.90	cps
Bismuth	209-2	3427845	3432183	3426110	3428713	0.09	cps
Boron	10-1	6151	6168	6060	6126	0.95	cps
Boron	11-1	28669	29095	29471	29078	1.38	cps
Bromine	81-1	8036	8820	9028	8628	6.06	cps
Bromine	81-2	40	100	30	57	66.81	cps
Cadmium	111-1	5810	5612	6026	5816	3.56	cps
Cadmium	106-1	5426	5034	5643	5368	5.75	cps
Cadmium	108-1	192	238	225	218	10.86	cps
Calcium	43-1	13698	12739	13531	13323	3.85	cps
Calcium	44-1	225180	221001	226619	224267	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8943	8819	8739	8834	1.16	cps
Cobalt	59-2	6145	6261	6178	6195	0.97	cps
Copper	63-2	8506	8733	8649	8629	1.33	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	43	33	43	40	14.43	cps
Gadolinium	160-1	58	83	92	78	22.31	cps
Gadolinium	160-2	137	140	157	144	7.42	cps
Holmium	165-1	8645772	8554163	8685746	8628560	0.78	cps
Holmium	165-2	5264423	5273568	5273684	5270558	0.10	cps
Indium	115-1	6536225	6518380	6632757	6562454	0.94	cps
Indium	115-2	1944357	1926713	1955124	1942065	0.74	cps
Iron	56-2	182055	184639	182787	183160	0.73	cps
Iron	57-2	4573	5107	4768	4816	5.61	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11677	11967	11596	11747	1.66	cps
Krypton	83-1	723	613	793	710	12.78	cps
Lead	206-1	7691	7308	7708	7569	2.99	cps
Lead	207-1	6140	6391	6285	6272	2.00	cps
Lead	208-1	29491	30081	30203	29925	1.27	cps
Lithium	6-1	1996228	2023405	2032539	2017391	0.94	cps
Magnesium	24-2	199689	197743	200917	199450	0.80	cps
Manganese	55-2	2757	2894	2910	2854	2.95	cps
Molybdenum	94-1	16635	16401	16627	16554	0.80	cps
Molybdenum	95-1	20640	20757	20916	20771	0.67	cps
Molybdenum	96-1	23478	22927	22527	22977	2.08	cps
Molybdenum	97-1	12898	13206	13690	13265	3.01	cps
Molybdenum	98-1	33264	33548	32588	33134	1.49	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1900	1677	1717	1765	6.75	cps
Phosphorus	31-2	683	617	592	631	7.52	cps
Potassium	39-2	270753	272467	274062	272427	0.61	cps
Rhodium	103-1	6322555	6289594	6367820	6326656	0.62	cps
Rhodium	103-2	3599649	3586024	3586897	3590857	0.21	cps
Scandium	45-1	4180567	4213621	4268779	4220989	1.06	cps
Scandium	45-2	328489	330465	328956	329303	0.31	cps
Selenium	82-1	664	664	488	606	16.80	cps
Selenium	77-2	40	73	57	57	29.41	cps
Selenium	78-2	269	278	326	291	10.60	cps
Silicon	28-1	576311	579662	583116	579696	0.59	cps
Silver	107-1	10421	10412	10479	10437	0.35	cps
Silver	109-1	9353	9420	9754	9509	2.25	cps
Sodium	23-2	371435	367578	373027	370680	0.76	cps
Strontium	86-1	4092	4217	3934	4081	3.48	cps
Strontium	88-1	24062	23603	24772	24146	2.44	cps
Sulfur	34-1	659918	654587	649792	654766	0.77	cps
Terbium	159-1	8736692	8797461	8915536	8816563	1.03	cps
Terbium	159-2	5241584	5265529	5264646	5257253	0.26	cps
Thallium	203-1	8028	8219	8770	8339	4.62	cps
Thallium	205-1	19932	20441	20742	20372	2.01	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:42:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	194	233	233	220	10.19	cps
Tin	118-1	34042	34501	34752	34432	1.05	cps
Titanium	47-1	6026	5726	6777	6176	8.76	cps
Uranium	238-1	21436	21845	22738	22006	3.03	cps
Vanadium	51-2	15715	16302	16012	16010	1.83	cps
Yttrium	89-1	10905859	11142873	11124599	11057777	1.19	cps
Yttrium	89-2	2425102	2385531	2435118	2415250	1.09	cps
Zinc	66-2	2081	2086	2164	2111	2.20	cps
Zirconium	90-1	13248	14049	13957	13751	3.19	cps
Zirconium	91-1	3142	2784	3159	3028	7.00	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:45:15 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	204259	201961	202941	203054	0.57	cps
Antimony	121-1	433339	438324	434728	435464	0.59	cps
Arsenic	75-2	20882	20832	20535	20749	0.90	cps
Barium	135-1	518804	522809	521012	520875	0.39	cps
Barium	137-1	895537	898399	901528	898488	0.33	cps
Beryllium	9-1	110692	110189	109621	110167	0.49	cps
Bismuth	209-1	5080828	5047440	5042214	5056827	0.41	cps
Bismuth	209-2	3435105	3424201	3434228	3431178	0.18	cps
Boron	10-1	12739	12631	12764	12711	0.56	cps
Boron	11-1	61458	63156	62872	62496	1.46	cps
Bromine	81-1	8178	8494	8444	8372	2.03	cps
Bromine	81-2	50	30	50	43	26.65	cps
Cadmium	111-1	116593	118938	117900	117811	1.00	cps
Cadmium	106-1	17444	18729	18170	18115	3.56	cps
Cadmium	108-1	8903	8990	8920	8938	0.52	cps
Calcium	43-1	147251	150928	148007	148728	1.31	cps
Calcium	44-1	2368752	2363847	2354034	2362211	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208153	204489	204989	205877	0.96	cps
Cobalt	59-2	320256	318880	317729	318955	0.40	cps
Copper	63-2	2313814	2283225	2291654	2296231	0.69	cps
Dysprosium	156-1	50	33	50	44	21.66	cps
Dysprosium	156-2	7	23	27	19	56.72	cps
Erbium	164-1	75	33	42	50	44.10	cps
Erbium	164-2	57	33	37	42	29.89	cps
Gadolinium	160-1	92	75	142	103	33.76	cps
Gadolinium	160-2	187	187	153	176	10.96	cps
Holmium	165-1	8759273	8758554	8992035	8836621	1.52	cps
Holmium	165-2	5312599	5293842	5266343	5290928	0.44	cps
Indium	115-1	6602796	6657076	6732948	6664273	0.98	cps
Indium	115-2	1929301	1921607	1922562	1924490	0.22	cps
Iron	56-2	9323769	9526333	9525868	9458657	1.24	cps
Iron	57-2	229707	228673	227268	228549	0.54	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:45:15	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	520209	516669	519864	518914	0.38	cps
Krypton	83-1	700	690	643	678	4.46	cps
Lead	206-1	1763212	1785877	1779283	1776124	0.66	cps
Lead	207-1	1493538	1485432	1492992	1490654	0.30	cps
Lead	208-1	6992524	6949206	7008381	6983370	0.44	cps
Lithium	6-1	2047868	2056370	2028855	2044365	0.69	cps
Magnesium	24-2	2203646	2183633	2194975	2194085	0.46	cps
Manganese	55-2	1396088	1389545	1391258	1392297	0.24	cps
Molybdenum	94-1	914473	916061	912434	914322	0.20	cps
Molybdenum	95-1	1112915	1128105	1119426	1120149	0.68	cps
Molybdenum	96-1	1231900	1246623	1238598	1239040	0.59	cps
Molybdenum	97-1	697295	704773	705508	702526	0.65	cps
Molybdenum	98-1	1785485	1793970	1794968	1791474	0.29	cps
Neodymium	150-1	53	53	80	62	24.74	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	84203	83844	84008	84019	0.21	cps
Phosphorus	31-2	10854	10354	10946	10718	2.97	cps
Potassium	39-2	1130152	1101904	1111347	1114468	1.29	cps
Rhodium	103-1	6234730	6383118	6401454	6339767	1.44	cps
Rhodium	103-2	3555939	3561492	3572583	3563338	0.24	cps
Scandium	45-1	4290914	4288644	4231602	4270387	0.79	cps
Scandium	45-2	327146	323248	322018	324137	0.83	cps
Selenium	82-1	6923	6933	7054	6970	1.04	cps
Selenium	77-2	500	543	513	519	4.28	cps
Selenium	78-2	1913	1922	2033	1956	3.42	cps
Silicon	28-1	880782	891813	890628	887741	0.68	cps
Silver	107-1	564854	570653	567685	567731	0.51	cps
Silver	109-1	541167	544909	538599	541558	0.59	cps
Sodium	23-2	3749749	3740784	3767531	3752688	0.36	cps
Strontium	86-1	1387852	1381142	1380411	1383135	0.30	cps
Strontium	88-1	12486991	12326723	12266950	12360221	0.92	cps
Sulfur	34-1	700817	697964	692216	696999	0.63	cps
Terbium	159-1	8853891	8944773	9009659	8936108	0.88	cps
Terbium	159-2	5300773	5348604	5291126	5313501	0.58	cps
Thallium	203-1	444248	444221	445853	444774	0.21	cps
Thallium	205-1	1065258	1068333	1068629	1067407	0.17	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:45:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1337682	1323353	1334566	1331867	0.57	cps
Tin	118-1	364925	368123	364734	365928	0.52	cps
Titanium	47-1	329723	333407	331028	331386	0.56	cps
Uranium	238-1	1223780	1220492	1250121	1231464	1.32	cps
Vanadium	51-2	170438	168897	170219	169851	0.49	cps
Yttrium	89-1	11302226	11214276	11131657	11216053	0.76	cps
Yttrium	89-2	2392162	2386541	2402591	2393765	0.34	cps
Zinc	66-2	336506	337335	334133	335991	0.49	cps
Zirconium	90-1	762485	754605	754551	757214	0.60	cps
Zirconium	91-1	168815	170926	169846	169862	0.62	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:48:21 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	488156	487059	486659	487291	0.16	cps
Antimony	121-1	1080757	1084211	1087377	1084115	0.31	cps
Arsenic	75-2	51223	50558	50749	50843	0.67	cps
Barium	135-1	1294238	1305891	1304795	1301641	0.49	cps
Barium	137-1	2263698	2258973	2245054	2255908	0.43	cps
Beryllium	9-1	273438	274921	273597	273986	0.30	cps
Bismuth	209-1	5096613	5099092	5092039	5095915	0.07	cps
Bismuth	209-2	3455197	3452624	3404618	3437480	0.83	cps
Boron	10-1	31550	32176	32109	31945	1.08	cps
Boron	11-1	148598	154380	154759	152579	2.26	cps
Bromine	81-1	7819	8061	7852	7911	1.66	cps
Bromine	81-2	20	20	50	30	57.74	cps
Cadmium	111-1	288465	289568	285974	288002	0.64	cps
Cadmium	106-1	37157	37007	37358	37174	0.47	cps
Cadmium	108-1	22155	22426	21934	22172	1.11	cps
Calcium	43-1	364513	367106	359647	363755	1.04	cps
Calcium	44-1	5626431	5558578	5591468	5592159	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498902	498178	498937	498673	0.09	cps
Cobalt	59-2	776982	773584	775593	775386	0.22	cps
Copper	63-2	5554083	5523198	5522249	5533177	0.33	cps
Dysprosium	156-1	67	75	50	64	19.92	cps
Dysprosium	156-2	40	57	70	56	27.06	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	73	20	33	42	65.74	cps
Gadolinium	160-1	75	133	92	100	30.05	cps
Gadolinium	160-2	210	167	160	179	15.18	cps
Holmium	165-1	8819583	8904290	8847775	8857216	0.49	cps
Holmium	165-2	5303713	5297895	5266409	5289339	0.38	cps
Indium	115-1	6636556	6621882	6528102	6595514	0.89	cps
Indium	115-2	1890646	1891061	1864868	1882192	0.80	cps
Iron	56-2	23105907	23076245	23117492	23099882	0.09	cps
Iron	57-2	562513	558057	555458	558676	0.64	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1279601	1268754	1264675	1271010	0.61	cps
Krypton	83-1	617	680	670	656	5.19	cps
Lead	206-1	4512838	4499561	4484241	4498880	0.32	cps
Lead	207-1	3755737	3794655	3766439	3772277	0.53	cps
Lead	208-1	18831468	18795045	18759704	18795406	0.19	cps
Lithium	6-1	2038135	2014879	2014999	2022671	0.66	cps
Magnesium	24-2	5566162	5609214	5497703	5557693	1.01	cps
Manganese	55-2	3414029	3364424	3394045	3390833	0.74	cps
Molybdenum	94-1	2271222	2287549	2258455	2272409	0.64	cps
Molybdenum	95-1	2764421	2784008	2772331	2773587	0.36	cps
Molybdenum	96-1	3081688	3073916	3075108	3076904	0.14	cps
Molybdenum	97-1	1741938	1737840	1723452	1734410	0.56	cps
Molybdenum	98-1	4479000	4456489	4450987	4462159	0.33	cps
Neodymium	150-1	147	100	113	120	20.03	cps
Neodymium	150-2	17	23	30	23	28.56	cps
Nickel	60-2	200815	201439	199267	200507	0.56	cps
Phosphorus	31-2	24546	24445	24545	24512	0.24	cps
Potassium	39-2	2590139	2578355	2557772	2575422	0.64	cps
Rhodium	103-1	6216269	6160811	6172346	6183142	0.47	cps
Rhodium	103-2	3510963	3491599	3463198	3488586	0.69	cps
Scandium	45-1	4215099	4203083	4140241	4186141	0.96	cps
Scandium	45-2	316986	316125	309873	314328	1.23	cps
Selenium	82-1	17124	17115	16843	17027	0.94	cps
Selenium	77-2	1327	1337	1357	1340	1.14	cps
Selenium	78-2	4608	4740	4725	4691	1.54	cps
Silicon	28-1	1369530	1384849	1368875	1374418	0.66	cps
Silver	107-1	1401135	1414436	1399683	1405084	0.58	cps
Silver	109-1	1335100	1328173	1327382	1330218	0.32	cps
Sodium	23-2	9407707	9460592	9338591	9402296	0.65	cps
Strontium	86-1	3433078	3437810	3407159	3426016	0.48	cps
Strontium	88-1	30557777	31040020	30493048	30696948	0.97	cps
Sulfur	34-1	749826	746976	742194	746332	0.52	cps
Terbium	159-1	9067846	9050575	9001135	9039852	0.38	cps
Terbium	159-2	5351010	5288805	5260775	5300197	0.87	cps
Thallium	203-1	1123570	1126923	1115608	1122034	0.52	cps
Thallium	205-1	2700332	2683082	2689740	2691051	0.32	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:48:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	3426190	3409174	3393306	3409557	0.48	cps
Tin	118-1	916135	922853	902549	913846	1.13	cps
Titanium	47-1	810235	821415	801026	810892	1.26	cps
Uranium	238-1	3168997	3161752	3142329	3157693	0.44	cps
Vanadium	51-2	415659	413293	408142	412365	0.93	cps
Yttrium	89-1	11113204	10962361	11083746	11053103	0.72	cps
Yttrium	89-2	2376586	2346748	2336008	2353114	0.89	cps
Zinc	66-2	823402	815941	813605	817650	0.63	cps
Zirconium	90-1	1886561	1887183	1886149	1886631	0.03	cps
Zirconium	91-1	422860	420849	421103	421604	0.26	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	940396	924298	927819	930838	0.91	cps
Antimony	121-1	2118433	2108674	2118033	2115046	0.26	cps
Arsenic	75-2	98622	97620	98372	98205	0.53	cps
Barium	135-1	2525136	2533652	2545197	2534662	0.40	cps
Barium	137-1	4433252	4399447	4412276	4414992	0.39	cps
Beryllium	9-1	528365	522399	521121	523962	0.74	cps
Bismuth	209-1	5006320	4979463	5007631	4997805	0.32	cps
Bismuth	209-2	3389367	3344874	3352596	3362279	0.71	cps
Boron	10-1	59384	61542	63107	61344	3.05	cps
Boron	11-1	288631	289131	295494	291085	1.31	cps
Bromine	81-1	8019	7327	7827	7725	4.63	cps
Bromine	81-2	50	50	40	47	12.37	cps
Cadmium	111-1	553780	552548	557044	554457	0.42	cps
Cadmium	106-1	66690	66045	68130	66955	1.59	cps
Cadmium	108-1	43220	42797	42501	42839	0.84	cps
Calcium	43-1	696789	689316	691386	692497	0.56	cps
Calcium	44-1	10734114	10749173	10671721	10718336	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	956864	950546	947361	951590	0.51	cps
Cobalt	59-2	1487491	1470453	1471747	1476564	0.64	cps
Copper	63-2	11061121	11140853	11036135	11079370	0.49	cps
Dysprosium	156-1	208	125	100	144	39.27	cps
Dysprosium	156-2	90	87	110	96	13.21	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	53	27	37	39	34.63	cps
Gadolinium	160-1	167	125	117	136	19.68	cps
Gadolinium	160-2	210	220	230	220	4.55	cps
Holmium	165-1	8729949	8909427	8684604	8774660	1.35	cps
Holmium	165-2	5251819	5169741	5197291	5206284	0.80	cps
Indium	115-1	6490359	6542385	6407578	6480107	1.05	cps
Indium	115-2	1831841	1810309	1818819	1820323	0.60	cps
Iron	56-2	44503265	43883183	43348319	43911589	1.32	cps
Iron	57-2	1069221	1058015	1059897	1062378	0.56	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2414367	2388801	2406669	2403279	0.55	cps
Krypton	83-1	600	673	643	639	5.77	cps
Lead	206-1	10019575	9797089	9872832	9896498	1.14	cps
Lead	207-1	8448053	8540737	8504845	8497878	0.55	cps
Lead	208-1	39238637	39434809	39152547	39275331	0.37	cps
Lithium	6-1	1972476	1956165	1950927	1959856	0.57	cps
Magnesium	24-2	10734871	10468893	10509917	10571227	1.35	cps
Manganese	55-2	6746974	6646116	6671383	6688158	0.78	cps
Molybdenum	94-1	4384734	4431364	4391670	4402589	0.57	cps
Molybdenum	95-1	5391206	5417743	5348773	5385908	0.65	cps
Molybdenum	96-1	6109794	6061573	6102566	6091311	0.43	cps
Molybdenum	97-1	3361990	3357788	3353797	3357858	0.12	cps
Molybdenum	98-1	8801080	8791466	8863958	8818834	0.45	cps
Neodymium	150-1	267	307	287	287	6.98	cps
Neodymium	150-2	30	43	27	33	26.45	cps
Nickel	60-2	382530	382966	378069	381188	0.71	cps
Phosphorus	31-2	46757	46088	46565	46470	0.74	cps
Potassium	39-2	4736440	4687132	4718864	4714145	0.53	cps
Rhodium	103-1	5713278	5735160	5722602	5723680	0.19	cps
Rhodium	103-2	3398276	3361906	3355521	3371901	0.68	cps
Scandium	45-1	4018155	3986013	3983407	3995859	0.48	cps
Scandium	45-2	307149	300215	303629	303664	1.14	cps
Selenium	82-1	33128	32915	32784	32942	0.53	cps
Selenium	77-2	2727	2530	2810	2689	5.35	cps
Selenium	78-2	9031	8849	8656	8845	2.12	cps
Silicon	28-1	2130837	2173184	2197452	2167157	1.56	cps
Silver	107-1	2597058	2590621	2591049	2592909	0.14	cps
Silver	109-1	2497275	2497193	2460908	2485125	0.84	cps
Sodium	23-2	18139114	17656634	17676318	17824022	1.53	cps
Strontium	86-1	6895608	6836081	6884951	6872213	0.46	cps
Strontium	88-1	59459143	60156122	59530083	59715116	0.64	cps
Sulfur	34-1	817687	814115	802008	811270	1.01	cps
Terbium	159-1	8919770	9081433	8901704	8967635	1.10	cps
Terbium	159-2	5195981	5080263	5159608	5145284	1.15	cps
Thallium	203-1	2189496	2207664	2217845	2205002	0.65	cps
Thallium	205-1	5347748	5348867	5379017	5358544	0.33	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:51:24	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	7954931	7740652	7796030	7830538	1.42	cps
Tin	118-1	1774509	1769961	1770319	1771596	0.14	cps
Titanium	47-1	1554672	1540469	1539824	1544989	0.54	cps
Uranium	238-1	7203709	7036645	7108290	7116215	1.18	cps
Vanadium	51-2	790538	789607	786205	788783	0.29	cps
Yttrium	89-1	10828489	10704105	10718695	10750430	0.63	cps
Yttrium	89-2	2296498	2259364	2269939	2275267	0.84	cps
Zinc	66-2	1558095	1561633	1553142	1557623	0.27	cps
Zirconium	90-1	3645302	3650989	3649227	3648506	0.08	cps
Zirconium	91-1	813658	816280	814483	814807	0.16	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:54:24 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1777476	1790671	1795078	1787742	0.51	cps
Antimony	121-1	4130024	4170624	4093752	4131466	0.93	cps
Arsenic	75-2	189478	188926	190016	189473	0.29	cps
Barium	135-1	4946174	4982582	4953958	4960905	0.39	cps
Barium	137-1	8880330	8966546	8810855	8885910	0.88	cps
Beryllium	9-1	980028	996532	976321	984294	1.09	cps
Bismuth	209-1	4897846	4878611	4869186	4881881	0.30	cps
Bismuth	209-2	3297742	3273508	3265332	3278860	0.51	cps
Boron	10-1	116603	116932	117326	116954	0.31	cps
Boron	11-1	544488	565482	562103	557357	2.02	cps
Bromine	81-1	7827	7594	8011	7811	2.68	cps
Bromine	81-2	20	0	50	23	107.85	cps
Cadmium	111-1	1060222	1068928	1054115	1061088	0.70	cps
Cadmium	106-1	122988	125534	120938	123153	1.87	cps
Cadmium	108-1	81130	83238	82006	82124	1.29	cps
Calcium	43-1	1337629	1335955	1324210	1332598	0.55	cps
Calcium	44-1	20549953	20481799	20367577	20466443	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1836432	1836838	1851151	1841474	0.46	cps
Cobalt	59-2	2822785	2841696	2845486	2836656	0.43	cps
Copper	63-2	21321174	21033660	21431746	21262193	0.97	cps
Dysprosium	156-1	300	300	208	269	19.64	cps
Dysprosium	156-2	183	200	210	198	6.81	cps
Erbium	164-1	75	58	67	67	12.50	cps
Erbium	164-2	37	50	63	50	26.66	cps
Gadolinium	160-1	250	217	242	236	7.35	cps
Gadolinium	160-2	260	223	287	257	12.39	cps
Holmium	165-1	8708504	8739125	8687238	8711623	0.30	cps
Holmium	165-2	5122614	5144753	5169604	5145657	0.46	cps
Indium	115-1	6387091	6351400	6198106	6312199	1.59	cps
Indium	115-2	1784620	1774355	1784111	1781029	0.32	cps
Iron	56-2	85828660	84671919	85555185	85351921	0.71	cps
Iron	57-2	2065857	2035366	2048309	2049844	0.75	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:54:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4661237	4635025	4680293	4658852	0.49	cps
Krypton	83-1	577	587	587	583	0.99	cps
Lead	206-1	19316607	19327390	19230899	19291632	0.27	cps
Lead	207-1	16721034	16998352	16615331	16778239	1.18	cps
Lead	208-1	76300156	77402211	76414926	76705764	0.79	cps
Lithium	6-1	1898002	1897006	1884646	1893218	0.39	cps
Magnesium	24-2	20267800	20256247	20340766	20288271	0.23	cps
Manganese	55-2	12979445	12908700	13085138	12991094	0.68	cps
Molybdenum	94-1	8713955	8861121	8758456	8777844	0.86	cps
Molybdenum	95-1	10552486	10872995	10651127	10692203	1.54	cps
Molybdenum	96-1	11761056	11983447	11915448	11886650	0.96	cps
Molybdenum	97-1	6698921	6745044	6689280	6711082	0.44	cps
Molybdenum	98-1	16896817	17133377	17157201	17062465	0.84	cps
Neodymium	150-1	467	547	527	513	8.11	cps
Neodymium	150-2	87	70	87	81	11.87	cps
Nickel	60-2	731321	727869	728456	729216	0.25	cps
Phosphorus	31-2	88630	89559	89936	89375	0.75	cps
Potassium	39-2	8955703	8903795	9014827	8958108	0.62	cps
Rhodium	103-1	5517414	5579078	5556208	5550900	0.56	cps
Rhodium	103-2	3268886	3286768	3307569	3287741	0.59	cps
Scandium	45-1	3924388	3904674	3889734	3906266	0.44	cps
Scandium	45-2	297679	295581	300051	297771	0.75	cps
Selenium	82-1	62870	63522	63160	63184	0.52	cps
Selenium	77-2	4971	5108	5024	5034	1.37	cps
Selenium	78-2	17110	17038	17132	17093	0.29	cps
Silicon	28-1	3714584	3780289	3833865	3776246	1.58	cps
Silver	107-1	5154220	5215935	5176396	5182184	0.60	cps
Silver	109-1	4927259	4954459	4924464	4935394	0.34	cps
Sodium	23-2	34202911	34410740	34544706	34386119	0.50	cps
Strontium	86-1	13276472	13419262	13241134	13312290	0.71	cps
Strontium	88-1	115289794	116001648	114933419	115408287	0.47	cps
Sulfur	34-1	991761	975212	967169	978047	1.28	cps
Terbium	159-1	8949585	8908683	8911848	8923372	0.26	cps
Terbium	159-2	5136206	5144570	5144744	5141840	0.09	cps
Thallium	203-1	4351881	4277387	4328295	4319188	0.88	cps
Thallium	205-1	11406202	11296142	11359953	11354099	0.49	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:54:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15466227	15266383	15468909	15400506	0.75	cps
Tin	118-1	3433711	3466335	3413537	3437861	0.77	cps
Titanium	47-1	2989153	2989214	2981069	2986478	0.16	cps
Uranium	238-1	14066991	13953342	14041581	14020638	0.43	cps
Vanadium	51-2	1543062	1539878	1540882	1541274	0.11	cps
Yttrium	89-1	10567184	10500786	10587725	10551899	0.43	cps
Yttrium	89-2	2256490	2242577	2248089	2249052	0.31	cps
Zinc	66-2	2979072	2960876	2999486	2979811	0.65	cps
Zirconium	90-1	7389963	7284490	7324272	7332909	0.73	cps
Zirconium	91-1	1574778	1578787	1589929	1581165	0.50	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:57:20 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3600737	3574388	3554276	3576467	0.65	cps
Antimony	121-1	8617130	8606838	8625247	8616405	0.11	cps
Arsenic	75-2	380996	379379	379162	379846	0.26	cps
Barium	135-1	10440913	10401809	10442873	10428532	0.22	cps
Barium	137-1	17794621	17862196	17793786	17816868	0.22	cps
Beryllium	9-1	1929283	1915312	1913659	1919418	0.45	cps
Bismuth	209-1	4815833	4823876	4783378	4807696	0.45	cps
Bismuth	209-2	3226286	3224325	3208842	3219817	0.30	cps
Boron	10-1	229153	229869	236494	231839	1.75	cps
Boron	11-1	1091432	1117068	1128610	1112370	1.71	cps
Bromine	81-1	8444	8294	7911	8216	3.35	cps
Bromine	81-2	60	90	20	57	61.97	cps
Cadmium	111-1	2074679	2069005	2089798	2077827	0.52	cps
Cadmium	106-1	239125	237931	239948	239002	0.42	cps
Cadmium	108-1	161623	160338	162150	161370	0.58	cps
Calcium	43-1	2653602	2637758	2643085	2644815	0.30	cps
Calcium	44-1	41001566	41180150	40799980	40993898	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3662243	3658827	3637728	3652932	0.36	cps
Cobalt	59-2	5908256	5948659	5928641	5928519	0.34	cps
Copper	63-2	42495986	41920560	42086017	42167521	0.70	cps
Dysprosium	156-1	650	642	550	614	9.04	cps
Dysprosium	156-2	390	367	360	372	4.23	cps
Erbium	164-1	125	117	108	117	7.14	cps
Erbium	164-2	87	63	47	66	30.65	cps
Gadolinium	160-1	333	342	408	361	11.38	cps
Gadolinium	160-2	390	360	297	349	13.66	cps
Holmium	165-1	8608122	8677131	8775708	8686987	0.97	cps
Holmium	165-2	5169442	5137698	5201806	5169649	0.62	cps
Indium	115-1	5807591	6204364	6226519	6079491	3.88	cps
Indium	115-2	1742461	1746026	1752801	1747096	0.30	cps
Iron	56-2	172245954	170670937	167552682	170156524	1.40	cps
Iron	57-2	4084107	4089921	4092911	4088980	0.11	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 17:57:20 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9416938	9293529	9477150	9395872	1.00	cps
Krypton	83-1	653	670	647	657	1.83	cps
Lead	206-1	38085776	38876244	38457662	38473227	1.03	cps
Lead	207-1	32539139	33261677	33101193	32967336	1.15	cps
Lead	208-1	150198039	152512759	152790162	151833653	0.94	cps
Lithium	6-1	1847455	1867732	1854248	1856478	0.56	cps
Magnesium	24-2	40845443	40695648	39825630	40455574	1.36	cps
Manganese	55-2	26359900	25914658	25832600	26035719	1.09	cps
Molybdenum	94-1	17494517	17551733	17657743	17567998	0.47	cps
Molybdenum	95-1	21383270	21600407	21593144	21525607	0.57	cps
Molybdenum	96-1	23701832	23686299	23732332	23706821	0.10	cps
Molybdenum	97-1	13482952	13571010	13440264	13498075	0.49	cps
Molybdenum	98-1	34297602	34492566	34517507	34435892	0.35	cps
Neodymium	150-1	1013	847	853	904	10.43	cps
Neodymium	150-2	153	150	127	143	10.14	cps
Nickel	60-2	1429075	1426636	1423166	1426292	0.21	cps
Phosphorus	31-2	177898	179485	177593	178325	0.57	cps
Potassium	39-2	18054206	18234878	17799735	18029606	1.21	cps
Rhodium	103-1	5438184	5406893	5420228	5421769	0.29	cps
Rhodium	103-2	3227672	3235596	3226597	3229955	0.15	cps
Scandium	45-1	3892673	3896690	3873100	3887488	0.32	cps
Scandium	45-2	299988	302718	299456	300721	0.58	cps
Selenium	82-1	125935	125633	125467	125679	0.19	cps
Selenium	77-2	9850	9940	10107	9966	1.31	cps
Selenium	78-2	33654	34055	33789	33832	0.60	cps
Silicon	28-1	6777785	6938181	6993681	6903216	1.62	cps
Silver	107-1	10617599	10683595	10615440	10638878	0.36	cps
Silver	109-1	10131012	10067258	10177003	10125091	0.54	cps
Sodium	23-2	69407402	68500568	69226632	69044867	0.70	cps
Strontium	86-1	26785410	26570457	26747609	26701159	0.43	cps
Strontium	88-1	231191639	230480372	231059489	230910500	0.16	cps
Sulfur	34-1	1367222	1351713	1347232	1355389	0.77	cps
Terbium	159-1	8832819	8873228	8949805	8885284	0.67	cps
Terbium	159-2	5148205	5113895	5171608	5144569	0.56	cps
Thallium	203-1	9313209	9270490	9321812	9301837	0.30	cps
Thallium	205-1	22326494	22296859	22419796	22347716	0.29	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 17:57:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	30936072	30883350	31457747	31092390	1.02	cps
Tin	118-1	7091624	7214829	7176985	7161146	0.88	cps
Titanium	47-1	6076802	6088978	6050871	6072217	0.32	cps
Uranium	238-1	28244898	28241719	28081157	28189258	0.33	cps
Vanadium	51-2	3085636	3074764	3055166	3071855	0.50	cps
Yttrium	89-1	10582541	10673441	10676799	10644260	0.50	cps
Yttrium	89-2	2270755	2261010	2249822	2260529	0.46	cps
Zinc	66-2	6229758	6097613	6204264	6177212	1.13	cps
Zirconium	90-1	14596422	14774687	14627602	14666237	0.65	cps
Zirconium	91-1	3168720	3171263	3198482	3179488	0.52	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:00:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20395748	20521803	20473123	20463558	0.31	cps
Antimony	121-1	4551	4676	4784	4670	2.50	cps
Arsenic	75-2	194	156	139	163	17.49	cps
Barium	135-1	3884	3759	3976	3873	2.81	cps
Barium	137-1	6635	6718	6577	6643	1.07	cps
Beryllium	9-1	610	460	460	510	16.98	cps
Bismuth	209-1	4337497	4317158	4281931	4312195	0.65	cps
Bismuth	209-2	2900522	2891986	2918709	2903739	0.47	cps
Boron	10-1	6652	5710	5159	5840	12.92	cps
Boron	11-1	30556	27358	24220	27378	11.57	cps
Bromine	81-1	8186	7944	8203	8111	1.78	cps
Bromine	81-2	80	20	70	57	56.73	cps
Cadmium	111-1	4189	4109	4179	4159	1.04	cps
Cadmium	106-1	5184	5276	5309	5257	1.23	cps
Cadmium	108-1	171	108	125	135	24.02	cps
Calcium	43-1	12473791	12451055	12630145	12518330	0.78	cps
Calcium	44-1	201572130	200704613	201644146	201306963	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9687	9683	10197	9856	3.00	cps
Cobalt	59-2	14581	14801	14594	14659	0.84	cps
Copper	63-2	13239	12646	12632	12839	2.70	cps
Dysprosium	156-1	1600	1700	1667	1656	3.08	cps
Dysprosium	156-2	1000	960	1013	991	2.80	cps
Erbium	164-1	225	233	258	239	7.26	cps
Erbium	164-2	140	143	167	150	9.69	cps
Gadolinium	160-1	1475	1450	1342	1422	4.98	cps
Gadolinium	160-2	1100	1183	1030	1105	6.95	cps
Holmium	165-1	8405266	8440038	8376184	8407163	0.38	cps
Holmium	165-2	5023833	5049106	4967953	5013631	0.83	cps
Indium	115-1	5690977	5662709	5623331	5659006	0.60	cps
Indium	115-2	1748054	1751264	1743501	1747607	0.22	cps
Iron	56-2	826032085	833199041	837379619	832203582	0.69	cps
Iron	57-2	20878125	21135844	20805017	20939662	0.83	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:00:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	45156476	45302257	45710114	45389616	0.63	cps
Krypton	83-1	620	597	607	608	1.93	cps
Lead	206-1	20794	19648	19665	20036	3.28	cps
Lead	207-1	17584	16889	16728	17067	2.67	cps
Lead	208-1	80206	78075	76832	78371	2.18	cps
Lithium	6-1	1809228	1809430	1832745	1817135	0.74	cps
Magnesium	24-2	206927538	207895677	206404838	207076018	0.37	cps
Manganese	55-2	37498	37153	36893	37181	0.82	cps
Molybdenum	94-1	6393	6260	6193	6282	1.62	cps
Molybdenum	95-1	6677	6360	6393	6477	2.69	cps
Molybdenum	96-1	9128	8736	7919	8594	7.18	cps
Molybdenum	97-1	4201	4059	3584	3948	8.18	cps
Molybdenum	98-1	9937	9495	8203	9212	9.78	cps
Neodymium	150-1	67	87	93	82	16.88	cps
Neodymium	150-2	47	37	30	38	22.21	cps
Nickel	60-2	4691	4881	4524	4699	3.80	cps
Phosphorus	31-2	950	625	700	758	22.44	cps
Potassium	39-2	89893842	90558533	89992694	90148356	0.40	cps
Rhodium	103-1	5088744	5028048	5049178	5055323	0.61	cps
Rhodium	103-2	3029984	3025153	3014122	3023086	0.27	cps
Scandium	45-1	3845465	3830872	3848296	3841544	0.24	cps
Scandium	45-2	294504	299450	295658	296537	0.87	cps
Selenium	82-1	-1	74	90	54	90.21	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	102	115	133	117	13.56	cps
Silicon	28-1	643868	651726	651265	648953	0.68	cps
Silver	107-1	3259	2650	30303	12071	130.83	cps
Silver	109-1	3092	2842	2634	2856	8.04	cps
Sodium	23-2	349612463	352514275	349727452	350618063	0.47	cps
Strontium	86-1	18512	18788	18746	18682	0.79	cps
Strontium	88-1	155567	152897	149597	152687	1.96	cps
Sulfur	34-1	517615	521479	525411	521502	0.75	cps
Terbium	159-1	8437507	8532430	8543169	8504368	0.68	cps
Terbium	159-2	4958457	4959902	4923981	4947447	0.41	cps
Thallium	203-1	4801	4092	3951	4281	10.64	cps
Thallium	205-1	11422	10204	8628	10085	13.89	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8158	7375	6646	7393	10.23	cps
Tin	118-1	4009	3492	3192	3564	11.59	cps
Titanium	47-1	1092	1242	1092	1142	7.59	cps
Uranium	238-1	3701	3809	3192	3567	9.23	cps
Vanadium	51-2	670	713	677	687	3.40	cps
Yttrium	89-1	10318383	10405012	10339658	10354351	0.44	cps
Yttrium	89-2	2286507	2290449	2277823	2284926	0.28	cps
Zinc	66-2	11950	11893	11963	11935	0.31	cps
Zirconium	90-1	7777	7035	7210	7341	5.28	cps
Zirconium	91-1	1567	1550	1533	1550	1.08	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICV03 Instrumnet Name : P7
 Client Sample ID : ICV03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:25:03 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101949	102083	102279	102104	0.16	cps
Antimony	121-1	1646347	1686537	1676055	1669647	1.25	cps
Arsenic	75-2	82983	82780	82703	82822	0.17	cps
Barium	135-1	202664	205623	206817	205034	1.04	cps
Barium	137-1	351945	357849	357323	355706	0.92	cps
Beryllium	9-1	207459	209875	209270	208868	0.60	cps
Bismuth	209-1	4852693	4904227	4960981	4905967	1.10	cps
Bismuth	209-2	3407876	3435046	3424271	3422397	0.40	cps
Boron	10-1	825	817	792	811	2.14	cps
Boron	11-1	3809	4034	4209	4017	4.99	cps
Bromine	81-1	7519	8328	8161	8002	5.34	cps
Bromine	81-2	20	30	20	23	24.74	cps
Cadmium	111-1	220248	223003	226443	223231	1.39	cps
Cadmium	106-1	23653	23804	25047	24168	3.17	cps
Cadmium	108-1	14558	14833	14983	14791	1.46	cps
Calcium	43-1	52987	53280	53731	53332	0.70	cps
Calcium	44-1	869729	880533	868543	872935	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	402082	407278	405363	404908	0.65	cps
Cobalt	59-2	627961	638207	631920	632696	0.82	cps
Copper	63-2	441431	447261	439266	442653	0.93	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	10	27	13	90.16	cps
Erbium	164-1	33	25	67	42	52.92	cps
Erbium	164-2	37	33	53	41	26.06	cps
Gadolinium	160-1	67	25	58	50	44.10	cps
Gadolinium	160-2	137	220	143	167	27.78	cps
Holmium	165-1	8724460	8733241	8797093	8751598	0.45	cps
Holmium	165-2	5257270	5318846	5266929	5281015	0.63	cps
Indium	115-1	6550226	6540953	6696535	6595904	1.32	cps
Indium	115-2	1918413	1924647	1916358	1919806	0.22	cps
Iron	56-2	7368240	7347359	7322934	7346178	0.31	cps
Iron	57-2	171156	176485	175349	174330	1.61	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICV03 Instrumnet Name : P7
 Client Sample ID : ICV03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:25:03 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	405182	410559	413960	409900	1.08	cps
Krypton	83-1	580	697	637	638	9.15	cps
Lead	206-1	1590880	1603419	1623484	1605927	1.02	cps
Lead	207-1	1270524	1301310	1306843	1292892	1.51	cps
Lead	208-1	6113781	6184480	6241733	6179998	1.04	cps
Lithium	6-1	1969266	1964197	2001639	1978367	1.03	cps
Magnesium	24-2	485879	486080	481920	484626	0.48	cps
Manganese	55-2	264930	268915	270022	267956	1.00	cps
Molybdenum	94-1	1092	1017	1100	1070	4.29	cps
Molybdenum	95-1	900	908	1200	1003	17.04	cps
Molybdenum	96-1	1083	1200	983	1089	9.96	cps
Molybdenum	97-1	467	608	617	564	14.95	cps
Molybdenum	98-1	2059	1383	1558	1667	21.03	cps
Neodymium	150-1	40	27	7	24	68.62	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	164112	165258	165697	165022	0.50	cps
Phosphorus	31-2	592	550	683	608	11.21	cps
Potassium	39-2	855912	847362	855960	853078	0.58	cps
Rhodium	103-1	6272433	6290615	6319596	6294214	0.38	cps
Rhodium	103-2	3517180	3534008	3552005	3534398	0.49	cps
Scandium	45-1	4061844	4067165	4090202	4073070	0.37	cps
Scandium	45-2	316703	316262	318768	317244	0.42	cps
Selenium	82-1	26816	27349	27175	27113	1.00	cps
Selenium	77-2	2187	2264	2397	2282	4.66	cps
Selenium	78-2	7578	7600	7519	7566	0.56	cps
Silicon	28-1	472413	475569	479732	475905	0.77	cps
Silver	107-1	476857	487553	488322	484244	1.32	cps
Silver	109-1	454350	466404	461732	460829	1.32	cps
Sodium	23-2	1444787	1447436	1440184	1444135	0.25	cps
Strontium	86-1	1800	2000	1900	1900	5.26	cps
Strontium	88-1	7636	7586	7736	7652	1.00	cps
Sulfur	34-1	589667	585535	589821	588341	0.41	cps
Terbium	159-1	8962602	8881711	8890292	8911535	0.50	cps
Terbium	159-2	5265526	5294967	5281600	5280698	0.28	cps
Thallium	203-1	2031742	2076215	2089815	2065924	1.47	cps
Thallium	205-1	4937069	4973519	5077027	4995872	1.45	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICV03	Instrumnet Name :	P7
Client Sample ID :	ICV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:25:03	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	283	289	233	269	11.40	cps
Tin	118-1	2092	2192	2585	2290	11.38	cps
Titanium	47-1	517	392	350	419	20.68	cps
Uranium	238-1	942	767	825	845	10.55	cps
Vanadium	51-2	325781	328967	327473	327407	0.49	cps
Yttrium	89-1	11003932	10967529	11071960	11014473	0.48	cps
Yttrium	89-2	2377789	2385453	2378621	2380621	0.18	cps
Zinc	66-2	118307	120257	120143	119569	0.92	cps
Zirconium	90-1	1358	1400	1767	1508	14.90	cps
Zirconium	91-1	508	525	533	522	2.44	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4295	4295	4023	4204	3.74	cps
Antimony	121-1	15601	15726	16335	15887	2.47	cps
Arsenic	75-2	428	419	385	411	5.46	cps
Barium	135-1	18738	19113	18947	18933	0.99	cps
Barium	137-1	32313	31954	31987	32085	0.62	cps
Beryllium	9-1	2087	1927	2100	2038	4.73	cps
Bismuth	209-1	4954848	4907353	4911212	4924471	0.54	cps
Bismuth	209-2	3396107	3413174	3426341	3411874	0.44	cps
Boron	10-1	5610	6051	6001	5887	4.11	cps
Boron	11-1	27726	28135	28903	28255	2.11	cps
Bromine	81-1	8845	8294	8078	8405	4.70	cps
Bromine	81-2	50	70	20	47	53.93	cps
Cadmium	111-1	5659	5036	5561	5419	6.19	cps
Cadmium	106-1	5585	4818	5276	5226	7.38	cps
Cadmium	108-1	250	267	225	247	8.48	cps
Calcium	43-1	13139	13106	12814	13020	1.37	cps
Calcium	44-1	215693	218925	218652	217757	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8696	8869	8739	8768	1.03	cps
Cobalt	59-2	5941	5965	6071	5992	1.16	cps
Copper	63-2	8693	8629	9153	8825	3.24	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	33	75	58	37.80	cps
Erbium	164-2	33	37	13	28	45.44	cps
Gadolinium	160-1	67	108	75	83	26.46	cps
Gadolinium	160-2	170	137	210	172	21.32	cps
Holmium	165-1	8944340	8782247	8882940	8869843	0.92	cps
Holmium	165-2	5262731	5317235	5316864	5298943	0.59	cps
Indium	115-1	6795097	6771017	6780308	6782141	0.18	cps
Indium	115-2	1957762	1952087	1974440	1961430	0.59	cps
Iron	56-2	183062	183186	186285	184177	0.99	cps
Iron	57-2	4712	4634	5023	4790	4.30	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12047	11867	11937	11950	0.76	cps
Krypton	83-1	657	633	750	680	9.08	cps
Lead	206-1	7541	8069	8153	7921	4.19	cps
Lead	207-1	6357	6685	6869	6637	3.90	cps
Lead	208-1	30409	30887	31726	31007	2.15	cps
Lithium	6-1	2015746	1959840	1983926	1986504	1.41	cps
Magnesium	24-2	197782	196460	198880	197707	0.61	cps
Manganese	55-2	2767	2670	2824	2754	2.82	cps
Molybdenum	94-1	17069	17010	16418	16832	2.14	cps
Molybdenum	95-1	20373	20323	20782	20493	1.23	cps
Molybdenum	96-1	21675	22326	23002	22335	2.97	cps
Molybdenum	97-1	12556	12622	13148	12775	2.54	cps
Molybdenum	98-1	32605	32922	32371	32632	0.85	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1787	1707	1710	1735	2.61	cps
Phosphorus	31-2	475	575	733	594	21.91	cps
Potassium	39-2	267368	271252	271948	270190	0.91	cps
Rhodium	103-1	6575160	6371045	6437793	6461333	1.61	cps
Rhodium	103-2	3582659	3592520	3626473	3600550	0.64	cps
Scandium	45-1	4256217	4151238	4184189	4197214	1.28	cps
Scandium	45-2	322037	331584	325462	326361	1.48	cps
Selenium	82-1	578	614	562	585	4.49	cps
Selenium	77-2	53	73	57	61	17.53	cps
Selenium	78-2	307	293	278	293	5.06	cps
Silicon	28-1	530070	533846	535822	533246	0.55	cps
Silver	107-1	9512	10337	9970	9940	4.16	cps
Silver	109-1	9153	8995	9512	9220	2.87	cps
Sodium	23-2	378939	373809	384738	379162	1.44	cps
Strontium	86-1	3417	3776	3701	3631	5.21	cps
Strontium	88-1	23829	23937	24730	24165	2.04	cps
Sulfur	34-1	602169	601530	597176	600292	0.45	cps
Terbium	159-1	9076389	9036848	9065410	9059549	0.23	cps
Terbium	159-2	5259856	5314537	5305212	5293201	0.55	cps
Thallium	203-1	7486	8503	7886	7958	6.44	cps
Thallium	205-1	19248	18881	19456	19195	1.52	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:41:39	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	133	178	122	144	20.35	cps
Tin	118-1	33841	34609	33983	34145	1.20	cps
Titanium	47-1	6018	6151	5409	5860	6.75	cps
Uranium	238-1	20784	21194	21427	21135	1.54	cps
Vanadium	51-2	15498	16262	16096	15952	2.52	cps
Yttrium	89-1	11492290	11178917	11178770	11283326	1.60	cps
Yttrium	89-2	2452336	2415168	2471127	2446211	1.16	cps
Zinc	66-2	2031	2181	2132	2115	3.61	cps
Zirconium	90-1	13932	13381	13457	13590	2.20	cps
Zirconium	91-1	3050	3159	2925	3045	3.84	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICB03 Instrumnet Name : P7
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:48:07 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139	200	272	204	32.77	cps
Antimony	121-1	142	158	292	197	41.69	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	50	58	33	47	26.97	cps
Barium	137-1	50	50	50	50	0.00	cps
Beryllium	9-1	60	80	107	82	28.48	cps
Bismuth	209-1	4942213	4948735	4932025	4940991	0.17	cps
Bismuth	209-2	3414167	3421165	3391571	3408967	0.45	cps
Boron	10-1	442	483	592	506	15.32	cps
Boron	11-1	2292	2509	2292	2364	5.29	cps
Bromine	81-1	8027	8469	8419	8305	2.91	cps
Bromine	81-2	50	40	20	37	41.66	cps
Cadmium	111-1	3417	3696	3457	3523	4.29	cps
Cadmium	106-1	4884	5318	4968	5057	4.55	cps
Cadmium	108-1	33	38	58	43	31.11	cps
Calcium	43-1	217	217	192	208	6.93	cps
Calcium	44-1	11872	11346	11330	11516	2.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1197	1317	1343	1286	6.08	cps
Cobalt	59-2	67	57	30	51	37.09	cps
Copper	63-2	980	1010	950	980	3.06	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	75	33	50	53	39.74	cps
Erbium	164-2	30	23	23	26	15.07	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	147	170	167	161	7.83	cps
Holmium	165-1	8735202	8788160	8829143	8784168	0.54	cps
Holmium	165-2	5301645	5284397	5289235	5291759	0.17	cps
Indium	115-1	6677294	6805980	6772326	6751866	0.99	cps
Indium	115-2	1969137	1968975	1952307	1963473	0.49	cps
Iron	56-2	8347	8575	8925	8616	3.38	cps
Iron	57-2	383	411	394	396	3.53	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICB03 Instrumnet Name : P7
 Client Sample ID : ICB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:48:07 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1752	1942	1942	1879	5.84	cps
Krypton	83-1	670	650	797	706	11.27	cps
Lead	206-1	1472	1545	1533	1517	2.56	cps
Lead	207-1	1089	1206	1217	1170	6.05	cps
Lead	208-1	5484	5784	5773	5680	2.99	cps
Lithium	6-1	1998001	1993867	1992036	1994635	0.15	cps
Magnesium	24-2	428	311	317	352	18.71	cps
Manganese	55-2	157	153	150	153	2.17	cps
Molybdenum	94-1	183	250	200	211	16.43	cps
Molybdenum	95-1	33	25	42	33	25.01	cps
Molybdenum	96-1	133	92	100	108	20.35	cps
Molybdenum	97-1	33	25	33	31	15.74	cps
Molybdenum	98-1	50	50	83	61	31.50	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	150	113	100	121	21.38	cps
Phosphorus	31-2	683	575	642	633	8.63	cps
Potassium	39-2	86008	83953	83986	84649	1.39	cps
Rhodium	103-1	6387244	6465341	6480215	6444267	0.77	cps
Rhodium	103-2	3615515	3587185	3597943	3600214	0.40	cps
Scandium	45-1	4193931	4235398	4238971	4222767	0.59	cps
Scandium	45-2	328104	333754	330408	330755	0.86	cps
Selenium	82-1	35	45	-121	-14	-676.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	106	102	119	109	8.06	cps
Silicon	28-1	485363	482277	478215	481952	0.74	cps
Silver	107-1	117	183	150	150	22.22	cps
Silver	109-1	150	100	133	128	19.92	cps
Sodium	23-2	35798	35047	35943	35596	1.35	cps
Strontium	86-1	992	1000	1092	1028	5.40	cps
Strontium	88-1	225	225	142	197	24.40	cps
Sulfur	34-1	611782	604394	611673	609283	0.69	cps
Terbium	159-1	8720387	8906995	9014889	8880757	1.68	cps
Terbium	159-2	5268215	5308626	5310500	5295780	0.45	cps
Thallium	203-1	150	67	117	111	37.75	cps
Thallium	205-1	358	258	400	339	21.49	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICB03	Instrumnet Name :	P7
Client Sample ID :	ICB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:48:07	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	183	167	133	161	15.80	cps
Tin	118-1	1759	1709	2009	1825	8.81	cps
Titanium	47-1	83	125	100	103	20.40	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	11085034	11193997	11180058	11153030	0.53	cps
Yttrium	89-2	2439280	2413303	2424680	2425755	0.54	cps
Zinc	66-2	606	626	616	616	1.64	cps
Zirconium	90-1	558	667	658	628	9.60	cps
Zirconium	91-1	108	108	158	125	23.09	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICSA03 Instrumnet Name : P7
 Client Sample ID : ICSA03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:51:15 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18156921	18661805	18868867	18562531	1.97	cps
Antimony	121-1	8803	9487	9420	9237	4.08	cps
Arsenic	75-2	152	167	124	148	14.65	cps
Barium	135-1	2834	2750	2759	2781	1.65	cps
Barium	137-1	4626	4684	5101	4804	5.39	cps
Beryllium	9-1	573	583	583	580	1.00	cps
Bismuth	209-1	4458226	4585799	4600369	4548131	1.72	cps
Bismuth	209-2	3098849	3151822	3153335	3134669	0.99	cps
Boron	10-1	708	592	575	625	11.62	cps
Boron	11-1	3250	3192	3309	3250	1.79	cps
Bromine	81-1	9754	8728	9095	9192	5.66	cps
Bromine	81-2	80	170	120	123	36.56	cps
Cadmium	111-1	5184	4789	5074	5016	4.06	cps
Cadmium	106-1	5618	4843	5184	5215	7.45	cps
Cadmium	108-1	3351	2942	2817	3036	9.19	cps
Calcium	43-1	2443684	2537999	2567446	2516377	2.57	cps
Calcium	44-1	37905255	39177121	40275005	39119127	3.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75428	75478	74872	75259	0.45	cps
Cobalt	59-2	6822	7038	7165	7008	2.48	cps
Copper	63-2	31871	31678	31614	31721	0.42	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	23	3	23	17	69.30	cps
Erbium	164-1	33	58	42	44	28.64	cps
Erbium	164-2	50	57	43	50	13.34	cps
Gadolinium	160-1	117	58	92	89	32.93	cps
Gadolinium	160-2	177	150	163	163	8.16	cps
Holmium	165-1	8382219	8617776	8524667	8508221	1.39	cps
Holmium	165-2	5127100	5170690	5210075	5169289	0.80	cps
Indium	115-1	5953294	5980917	6405414	6113208	4.15	cps
Indium	115-2	1816098	1835899	1849444	1833814	0.91	cps
Iron	56-2	342475185	340861985	340604230	341313800	0.30	cps
Iron	57-2	8349564	8321582	8451017	8374054	0.81	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICSA03 Instrumnet Name : P7
 Client Sample ID : ICSA03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:51:15 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18617986	18396506	18586767	18533753	0.65	cps
Krypton	83-1	657	577	707	647	10.14	cps
Lead	206-1	29672	31716	31209	30866	3.45	cps
Lead	207-1	22581	22687	23226	22831	1.52	cps
Lead	208-1	108830	114144	114049	112341	2.71	cps
Lithium	6-1	1843800	1895313	1926277	1888463	2.21	cps
Magnesium	24-2	38401247	39058993	39133747	38864662	1.04	cps
Manganese	55-2	19657	19630	19580	19622	0.20	cps
Molybdenum	94-1	4512488	4591081	4624470	4576013	1.26	cps
Molybdenum	95-1	8240626	8304052	8355314	8299998	0.69	cps
Molybdenum	96-1	8915194	8868328	8928432	8903984	0.35	cps
Molybdenum	97-1	5097797	5032675	5060234	5063569	0.65	cps
Molybdenum	98-1	13375090	13096919	13333576	13268528	1.13	cps
Neodymium	150-1	20	20	47	29	53.30	cps
Neodymium	150-2	30	17	20	22	31.22	cps
Nickel	60-2	8986	8866	8706	8853	1.59	cps
Phosphorus	31-2	886738	893701	907693	896044	1.19	cps
Potassium	39-2	35155380	35624021	35986640	35588680	1.17	cps
Rhodium	103-1	5664227	5420246	5510212	5531562	2.23	cps
Rhodium	103-2	3251653	3282065	3286453	3273390	0.58	cps
Scandium	45-1	3770281	3934632	4018148	3907687	3.23	cps
Scandium	45-2	305037	305713	309208	306653	0.73	cps
Selenium	82-1	6	65	-23	16	275.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	137	111	121	11.59	cps
Silicon	28-1	629905	626219	627085	627736	0.31	cps
Silver	107-1	542	458	525	508	8.68	cps
Silver	109-1	392	425	350	389	9.66	cps
Sodium	23-2	68342085	70378749	70029175	69583336	1.57	cps
Strontium	86-1	86375	89653	89268	88432	2.03	cps
Strontium	88-1	748993	768444	773201	763546	1.68	cps
Sulfur	34-1	4878801	4866119	4899987	4881635	0.35	cps
Terbium	159-1	8470876	8762111	8652606	8628531	1.70	cps
Terbium	159-2	5120725	5139613	5196260	5152199	0.76	cps
Thallium	203-1	633	708	658	667	5.73	cps
Thallium	205-1	1667	1692	1675	1678	0.76	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSA03	Instrumnet Name :	P7
Client Sample ID :	ICSA03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:51:15	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	172	183	167	12.02	cps
Tin	118-1	2850	3184	3200	3078	6.42	cps
Titanium	47-1	2299001	2404605	2418223	2373943	2.75	cps
Uranium	238-1	350	450	358	386	14.37	cps
Vanadium	51-2	490	587	590	556	10.22	cps
Yttrium	89-1	10601190	10728623	10767031	10698948	0.81	cps
Yttrium	89-2	2325323	2326457	2342785	2331522	0.42	cps
Zinc	66-2	7463	7346	7224	7345	1.62	cps
Zirconium	90-1	883	817	842	847	3.98	cps
Zirconium	91-1	225	183	233	214	12.52	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : ICSAB03 Instrumnet Name : P7
 Client Sample ID : ICSAB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:54:19 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18743968	18326637	18520934	18530513	1.13	cps
Antimony	121-1	171350	172878	170878	171702	0.61	cps
Arsenic	75-2	7902	7802	7917	7874	0.79	cps
Barium	135-1	42607	42850	43385	42947	0.93	cps
Barium	137-1	74081	76166	73628	74625	1.81	cps
Beryllium	9-1	39264	39033	39224	39174	0.31	cps
Bismuth	209-1	4653665	4659860	4692610	4668712	0.45	cps
Bismuth	209-2	3140753	3157539	3168163	3155485	0.44	cps
Boron	10-1	417	600	633	550	21.21	cps
Boron	11-1	2984	3009	3092	3028	1.87	cps
Bromine	81-1	9495	9562	9662	9573	0.88	cps
Bromine	81-2	150	130	110	130	15.39	cps
Cadmium	111-1	45240	45323	45004	45189	0.37	cps
Cadmium	106-1	8753	8553	8294	8533	2.69	cps
Cadmium	108-1	5414	5447	5530	5464	1.10	cps
Calcium	43-1	2558757	2599599	2570157	2576171	0.82	cps
Calcium	44-1	40168126	40360705	40430973	40319935	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148832	150205	148255	149097	0.67	cps
Cobalt	59-2	121961	121917	123386	122421	0.68	cps
Copper	63-2	111621	111755	111027	111468	0.35	cps
Dysprosium	156-1	50	25	67	47	44.41	cps
Dysprosium	156-2	20	27	7	18	57.27	cps
Erbium	164-1	75	75	75	75	0.00	cps
Erbium	164-2	57	57	57	57	0.00	cps
Gadolinium	160-1	217	75	50	114	78.92	cps
Gadolinium	160-2	170	143	127	147	14.90	cps
Holmium	165-1	8757122	8664158	8809275	8743518	0.84	cps
Holmium	165-2	5202942	5244403	5231788	5226377	0.41	cps
Indium	115-1	6498498	6395120	6509033	6467550	0.97	cps
Indium	115-2	1850818	1843579	1861956	1852118	0.50	cps
Iron	56-2	342669641	341607919	339095508	341124356	0.54	cps
Iron	57-2	8503369	8313026	8351826	8389407	1.20	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSAB03	Instrumnet Name :	P7
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:54:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	18637143	18494728	18708958	18613610	0.59	cps
Krypton	83-1	660	620	640	640	3.12	cps
Lead	206-1	167365	166060	167753	167059	0.53	cps
Lead	207-1	131042	132502	131219	131588	0.61	cps
Lead	208-1	622173	625684	625472	624443	0.32	cps
Lithium	6-1	1951881	1962983	1969532	1961465	0.45	cps
Magnesium	24-2	39091973	38470912	38547727	38703537	0.87	cps
Manganese	55-2	69546	69520	69171	69412	0.30	cps
Molybdenum	94-1	4633679	4669083	4651299	4651354	0.38	cps
Molybdenum	95-1	8331221	8487321	8382981	8400508	0.95	cps
Molybdenum	96-1	8966106	9044613	8948862	8986527	0.57	cps
Molybdenum	97-1	5130006	5144990	5095065	5123354	0.50	cps
Molybdenum	98-1	13412364	13403317	13353985	13389889	0.23	cps
Neodymium	150-1	53	33	33	40	28.87	cps
Neodymium	150-2	33	20	7	20	66.65	cps
Nickel	60-2	37321	37451	37715	37496	0.54	cps
Phosphorus	31-2	907609	891130	899399	899379	0.92	cps
Potassium	39-2	36020561	35712986	35725428	35819658	0.49	cps
Rhodium	103-1	5572595	5547739	5559994	5560109	0.22	cps
Rhodium	103-2	3321567	3296086	3305956	3307870	0.39	cps
Scandium	45-1	4039409	4028842	4034563	4034272	0.13	cps
Scandium	45-2	313514	309709	311999	311741	0.61	cps
Selenium	82-1	2587	2578	2516	2560	1.51	cps
Selenium	77-2	203	230	197	210	8.40	cps
Selenium	78-2	824	750	804	793	4.83	cps
Silicon	28-1	644018	645562	656815	648798	1.08	cps
Silver	107-1	198251	195625	195860	196579	0.74	cps
Silver	109-1	186099	186259	186952	186437	0.24	cps
Sodium	23-2	69350028	68897886	68890056	69045990	0.38	cps
Strontium	86-1	90618	90912	90634	90721	0.18	cps
Strontium	88-1	776411	775092	778804	776769	0.24	cps
Sulfur	34-1	4857648	4884413	4835069	4859043	0.51	cps
Terbium	159-1	8886023	8865220	8896150	8882464	0.18	cps
Terbium	159-2	5227459	5170092	5201941	5199830	0.55	cps
Thallium	203-1	166979	165783	167484	166749	0.52	cps
Thallium	205-1	398702	403003	408094	403266	1.17	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	ICSAB03	Instrumnet Name :	P7
Client Sample ID :	ICSAB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:54:19	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	150	167	165	8.48	cps
Tin	118-1	3009	2934	2834	2925	3.00	cps
Titanium	47-1	2431435	2426540	2440045	2432673	0.28	cps
Uranium	238-1	550	467	458	492	10.31	cps
Vanadium	51-2	62796	62307	61762	62288	0.83	cps
Yttrium	89-1	10886199	10937109	10889132	10904147	0.26	cps
Yttrium	89-2	2352418	2338510	2365404	2352111	0.57	cps
Zinc	66-2	17513	17911	17986	17804	1.43	cps
Zirconium	90-1	858	800	658	772	13.32	cps
Zirconium	91-1	167	283	142	197	38.34	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : CCV11 Instrumnet Name : P7
 Client Sample ID : CCV11 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 18:57:23 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9818619	9818537	10015159	9884105	1.15	cps
Antimony	121-1	4069455	4075036	4095963	4080151	0.34	cps
Arsenic	75-2	198803	200769	199464	199679	0.50	cps
Barium	135-1	4922730	4948287	4972446	4947821	0.50	cps
Barium	137-1	8918559	8943634	9022505	8961566	0.61	cps
Beryllium	9-1	950265	954983	960643	955297	0.54	cps
Bismuth	209-1	4547482	4578237	4594929	4573549	0.53	cps
Bismuth	209-2	3055409	3066652	3105303	3075788	0.85	cps
Boron	10-1	112162	115210	114741	114038	1.44	cps
Boron	11-1	534693	554721	565598	551671	2.84	cps
Bromine	81-1	8686	8744	8528	8653	1.30	cps
Bromine	81-2	60	60	80	67	17.32	cps
Cadmium	111-1	1064919	1067546	1070284	1067583	0.25	cps
Cadmium	106-1	125156	127181	125779	126039	0.82	cps
Cadmium	108-1	81938	82290	82760	82329	0.50	cps
Calcium	43-1	6388866	6507652	6452002	6449507	0.92	cps
Calcium	44-1	101842623	103613227	103310244	102922031	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1868232	1858369	1860784	1862462	0.28	cps
Cobalt	59-2	2816709	2845276	2831323	2831103	0.50	cps
Copper	63-2	21696522	21849016	21674393	21739977	0.44	cps
Dysprosium	156-1	1058	908	1008	992	7.70	cps
Dysprosium	156-2	517	620	530	556	10.12	cps
Erbium	164-1	133	142	175	150	14.70	cps
Erbium	164-2	103	110	127	113	10.61	cps
Gadolinium	160-1	792	667	858	772	12.60	cps
Gadolinium	160-2	553	620	633	602	7.12	cps
Holmium	165-1	8727280	8626674	8654839	8669598	0.60	cps
Holmium	165-2	5172265	5177865	5171557	5173896	0.07	cps
Indium	115-1	6334876	5895276	5948683	6059612	3.96	cps
Indium	115-2	1784311	1783029	1788490	1785277	0.16	cps
Iron	56-2	422810443	422755543	423834354	423133446	0.14	cps
Iron	57-2	10432387	10459058	10406024	10432490	0.25	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:57:23	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23066424	23178931	23153440	23132931	0.26	cps
Krypton	83-1	623	600	730	651	10.65	cps
Lead	206-1	18385148	18672657	18488180	18515328	0.79	cps
Lead	207-1	15712974	15920352	15929511	15854279	0.77	cps
Lead	208-1	72609169	72809985	73378525	72932559	0.55	cps
Lithium	6-1	1912384	1888600	1914215	1905067	0.75	cps
Magnesium	24-2	105430800	105225027	106396380	105684069	0.59	cps
Manganese	55-2	13375904	13495402	13498590	13456632	0.52	cps
Molybdenum	94-1	9021615	8987789	9060440	9023281	0.40	cps
Molybdenum	95-1	10922808	11120688	11000385	11014627	0.91	cps
Molybdenum	96-1	12127414	12151271	12204028	12160905	0.32	cps
Molybdenum	97-1	6901026	6899463	6944819	6915103	0.37	cps
Molybdenum	98-1	17755900	17393049	17665588	17604846	1.07	cps
Neodymium	150-1	460	507	487	484	4.83	cps
Neodymium	150-2	97	97	77	90	12.83	cps
Nickel	60-2	730681	735628	735217	733842	0.37	cps
Phosphorus	31-2	92535	91781	93466	92594	0.91	cps
Potassium	39-2	46266554	46278929	47022060	46522515	0.93	cps
Rhodium	103-1	5452976	5402666	5418501	5424714	0.47	cps
Rhodium	103-2	3206649	3183490	3200901	3197013	0.38	cps
Scandium	45-1	4018294	4018793	4024615	4020567	0.09	cps
Scandium	45-2	310463	310063	310242	310256	0.06	cps
Selenium	82-1	64625	64119	64681	64475	0.48	cps
Selenium	77-2	5538	5288	5181	5335	3.43	cps
Selenium	78-2	17548	17727	17598	17624	0.53	cps
Silicon	28-1	3677849	3715043	3806902	3733265	1.78	cps
Silver	107-1	5221259	5182670	5196957	5200295	0.38	cps
Silver	109-1	4965353	4935735	4963701	4954929	0.34	cps
Sodium	23-2	175000393	176127376	177701054	176276274	0.77	cps
Strontium	86-1	13537287	13659806	13528383	13575158	0.54	cps
Strontium	88-1	117262332	117906194	117988403	117718976	0.34	cps
Sulfur	34-1	956003	953948	951673	953875	0.23	cps
Terbium	159-1	8842537	8824538	8837855	8834977	0.11	cps
Terbium	159-2	5146276	5111707	5140837	5132940	0.36	cps
Thallium	203-1	4068890	4131653	4135696	4112080	0.91	cps
Thallium	205-1	10891835	10861516	10961423	10904925	0.47	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 18:57:23	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15108512	15316713	15142128	15189118	0.74	cps
Tin	118-1	3406190	3401033	3419522	3408915	0.28	cps
Titanium	47-1	3078605	3060715	3053106	3064142	0.43	cps
Uranium	238-1	13833781	13815032	13903229	13850681	0.34	cps
Vanadium	51-2	1583332	1572090	1584361	1579928	0.43	cps
Yttrium	89-1	10826761	10905043	10880264	10870690	0.37	cps
Yttrium	89-2	2322413	2317204	2322085	2320568	0.13	cps
Zinc	66-2	3032761	3053131	3041380	3042424	0.34	cps
Zirconium	90-1	7498684	7563960	7593208	7551950	0.64	cps
Zirconium	91-1	1623819	1630553	1644742	1633038	0.65	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:05:50	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	333	211	265	23.58	cps
Antimony	121-1	342	508	567	472	24.73	cps
Arsenic	75-2	6	15	6	9	61.79	cps
Barium	135-1	42	33	100	58	62.27	cps
Barium	137-1	108	100	50	86	36.64	cps
Beryllium	9-1	133	137	80	117	27.26	cps
Bismuth	209-1	4880959	4888072	4890718	4886583	0.10	cps
Bismuth	209-2	3318932	3347940	3364667	3343847	0.69	cps
Boron	10-1	750	1075	1033	953	18.56	cps
Boron	11-1	4034	4067	4326	4142	3.85	cps
Bromine	81-1	8569	8161	8128	8286	2.97	cps
Bromine	81-2	60	70	50	60	16.67	cps
Cadmium	111-1	3277	3126	3497	3300	5.65	cps
Cadmium	106-1	4659	4501	5009	4723	5.51	cps
Cadmium	108-1	38	71	38	49	39.59	cps
Calcium	43-1	258	242	217	239	8.78	cps
Calcium	44-1	12364	12155	12564	12361	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1217	1203	1153	1191	2.80	cps
Cobalt	59-2	60	80	83	74	16.95	cps
Copper	63-2	1480	1470	1220	1390	10.60	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	83	100	58	81	26.03	cps
Erbium	164-2	40	33	33	36	10.83	cps
Gadolinium	160-1	58	100	108	89	30.13	cps
Gadolinium	160-2	167	207	127	167	24.00	cps
Holmium	165-1	8753546	8688842	8831928	8758105	0.82	cps
Holmium	165-2	5159082	5214481	5213960	5195841	0.61	cps
Indium	115-1	6529394	6588295	6620670	6579453	0.70	cps
Indium	115-2	1877626	1893335	1905282	1892081	0.73	cps
Iron	56-2	11916	11888	12050	11951	0.72	cps
Iron	57-2	439	411	561	470	16.97	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : CCB11 Instrumnet Name : P7
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 19:05:50 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2122	1952	2012	2029	4.25	cps
Krypton	83-1	697	750	703	717	4.06	cps
Lead	206-1	1411	1245	1395	1350	6.80	cps
Lead	207-1	1095	1183	1145	1141	3.91	cps
Lead	208-1	5134	5073	5123	5110	0.64	cps
Lithium	6-1	1944333	1947006	1946872	1946070	0.08	cps
Magnesium	24-2	978	1022	994	998	2.25	cps
Manganese	55-2	280	167	213	220	25.89	cps
Molybdenum	94-1	367	325	367	353	6.82	cps
Molybdenum	95-1	292	233	242	256	12.35	cps
Molybdenum	96-1	325	250	317	297	13.83	cps
Molybdenum	97-1	142	175	133	150	14.70	cps
Molybdenum	98-1	467	317	392	392	19.15	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	103	147	153	134	20.20	cps
Phosphorus	31-2	508	592	625	575	10.45	cps
Potassium	39-2	90230	93694	91892	91939	1.88	cps
Rhodium	103-1	6147397	6162057	6278584	6196013	1.16	cps
Rhodium	103-2	3472054	3485852	3490108	3482672	0.27	cps
Scandium	45-1	3965018	4003975	4003515	3990836	0.56	cps
Scandium	45-2	316132	315188	315322	315547	0.16	cps
Selenium	82-1	-34	-102	-58	-64	-53.68	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	100	119	87	102	15.53	cps
Silicon	28-1	460064	461295	458920	460093	0.26	cps
Silver	107-1	200	325	308	278	24.43	cps
Silver	109-1	333	250	242	275	18.44	cps
Sodium	23-2	58675	59729	58073	58826	1.43	cps
Strontium	86-1	1267	1167	1117	1183	6.45	cps
Strontium	88-1	942	883	875	900	4.04	cps
Sulfur	34-1	537536	537154	541644	538778	0.46	cps
Terbium	159-1	8875175	8734448	8909837	8839820	1.05	cps
Terbium	159-2	5163199	5193420	5233449	5196690	0.68	cps
Thallium	203-1	425	375	417	406	6.61	cps
Thallium	205-1	875	883	767	842	7.73	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:05:50	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	872	783	739	798	8.51	cps
Tin	118-1	1442	1633	1759	1611	9.90	cps
Titanium	47-1	142	133	142	139	3.46	cps
Uranium	238-1	167	67	75	103	53.99	cps
Vanadium	51-2	10	17	23	17	39.99	cps
Yttrium	89-1	10828881	10850921	10856072	10845291	0.13	cps
Yttrium	89-2	2315344	2319646	2329406	2321465	0.31	cps
Zinc	66-2	569	572	692	611	11.48	cps
Zirconium	90-1	917	833	850	867	5.09	cps
Zirconium	91-1	167	167	267	200	28.87	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:31:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4373	4378	4128	4293	3.33	cps
Antimony	121-1	16318	16861	16602	16594	1.63	cps
Arsenic	75-2	393	391	448	411	7.95	cps
Barium	135-1	19372	20140	19339	19617	2.31	cps
Barium	137-1	34159	34435	34569	34387	0.61	cps
Beryllium	9-1	2130	2053	1963	2049	4.07	cps
Bismuth	209-1	4804531	4834337	4878744	4839204	0.77	cps
Bismuth	209-2	3348991	3385846	3432790	3389209	1.24	cps
Boron	10-1	6018	6243	6210	6157	1.97	cps
Boron	11-1	27417	28953	29939	28770	4.42	cps
Bromine	81-1	7811	8628	8536	8325	5.38	cps
Bromine	81-2	30	100	20	50	87.18	cps
Cadmium	111-1	5483	5065	5330	5292	4.00	cps
Cadmium	106-1	5001	4693	5043	4912	3.89	cps
Cadmium	108-1	246	238	179	221	16.45	cps
Calcium	43-1	13690	14282	13748	13907	2.35	cps
Calcium	44-1	224937	232119	227743	228266	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9556	9617	9320	9498	1.65	cps
Cobalt	59-2	6171	6211	6271	6218	0.81	cps
Copper	63-2	9410	9323	9233	9322	0.95	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	50	92	108	83	36.06	cps
Gadolinium	160-2	153	167	140	153	8.70	cps
Holmium	165-1	8792080	8873113	8802777	8822657	0.50	cps
Holmium	165-2	5256688	5360102	5291709	5302833	0.99	cps
Indium	115-1	6687699	6822762	6727169	6745877	1.03	cps
Indium	115-2	1958435	1960542	1960214	1959730	0.06	cps
Iron	56-2	190089	192638	191643	191456	0.67	cps
Iron	57-2	4968	5079	5068	5038	1.22	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:31:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12879	11506	12348	12244	5.65	cps
Krypton	83-1	647	670	720	679	5.52	cps
Lead	206-1	7875	7374	8047	7765	4.50	cps
Lead	207-1	6524	6029	6813	6455	6.14	cps
Lead	208-1	30648	29686	30820	30385	2.01	cps
Lithium	6-1	1964880	1957282	1936084	1952749	0.76	cps
Magnesium	24-2	204432	208350	204634	205805	1.07	cps
Manganese	55-2	2944	2700	2874	2839	4.41	cps
Molybdenum	94-1	17111	17052	17186	17116	0.39	cps
Molybdenum	95-1	21466	22426	21592	21828	2.39	cps
Molybdenum	96-1	23645	24121	24396	24054	1.58	cps
Molybdenum	97-1	13331	13765	13357	13484	1.81	cps
Molybdenum	98-1	34066	35770	34927	34921	2.44	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1793	1907	1840	1847	3.08	cps
Phosphorus	31-2	558	517	683	586	14.80	cps
Potassium	39-2	282466	282390	281642	282166	0.16	cps
Rhodium	103-1	6362271	6454478	6320754	6379168	1.07	cps
Rhodium	103-2	3596136	3610860	3585522	3597506	0.35	cps
Scandium	45-1	4123529	4170997	4144579	4146368	0.57	cps
Scandium	45-2	329446	325328	328868	327881	0.68	cps
Selenium	82-1	692	679	591	654	8.38	cps
Selenium	77-2	67	57	43	56	21.08	cps
Selenium	78-2	302	280	281	288	4.29	cps
Silicon	28-1	546652	543769	549036	546486	0.48	cps
Silver	107-1	10171	10796	10546	10504	3.00	cps
Silver	109-1	9737	10104	10037	9959	1.96	cps
Sodium	23-2	394332	401432	392218	395994	1.22	cps
Strontium	86-1	3809	4084	4092	3995	4.04	cps
Strontium	88-1	25431	25164	24747	25114	1.37	cps
Sulfur	34-1	589745	590704	594669	591706	0.44	cps
Terbium	159-1	8953249	9115633	9051030	9039971	0.90	cps
Terbium	159-2	5294579	5313598	5337693	5315290	0.41	cps
Thallium	203-1	8845	8937	8219	8667	4.50	cps
Thallium	205-1	20007	20441	19915	20121	1.40	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:31:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	128	117	94	113	15.02	cps
Tin	118-1	35253	35512	35445	35403	0.38	cps
Titanium	47-1	5985	6477	6001	6154	4.54	cps
Uranium	238-1	22204	22438	22179	22273	0.64	cps
Vanadium	51-2	16963	16399	17107	16823	2.22	cps
Yttrium	89-1	11387909	11329157	11322407	11346491	0.32	cps
Yttrium	89-2	2415483	2454608	2414068	2428053	0.95	cps
Zinc	66-2	1884	2060	1939	1961	4.59	cps
Zirconium	90-1	14474	14266	14341	14360	0.74	cps
Zirconium	91-1	2925	3167	3476	3189	8.65	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36222	35186	35565	35658	1.47	cps
Antimony	121-1	1658	1834	1700	1731	5.28	cps
Arsenic	75-2	4036	3902	3704	3881	4.30	cps
Barium	135-1	294308	296323	298406	296346	0.69	cps
Barium	137-1	511945	510941	517765	513550	0.72	cps
Beryllium	9-1	157	183	167	169	7.98	cps
Bismuth	209-1	4962725	4971465	4993339	4975843	0.32	cps
Bismuth	209-2	3396120	3468595	3410479	3425064	1.12	cps
Boron	10-1	25839	25647	26365	25950	1.43	cps
Boron	11-1	127971	127810	129937	128573	0.92	cps
Bromine	81-1	72507	83608	90852	82322	11.22	cps
Bromine	81-2	14743	15214	14422	14793	2.69	cps
Cadmium	111-1	3744	3755	3756	3752	0.18	cps
Cadmium	106-1	5318	5410	5401	5376	0.94	cps
Cadmium	108-1	58	117	71	82	37.49	cps
Calcium	43-1	612884	615142	621254	616427	0.70	cps
Calcium	44-1	9721278	9689456	9680556	9697097	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12242	12292	12919	12484	3.02	cps
Cobalt	59-2	49025	49731	48851	49202	0.95	cps
Copper	63-2	23816	23953	24157	23975	0.71	cps
Dysprosium	156-1	3517	3451	3442	3470	1.18	cps
Dysprosium	156-2	2170	2117	2217	2168	2.31	cps
Erbium	164-1	2817	3342	2909	3023	9.28	cps
Erbium	164-2	1777	1860	1900	1846	3.41	cps
Gadolinium	160-1	3592	3300	3667	3520	5.50	cps
Gadolinium	160-2	2747	2620	2494	2620	4.83	cps
Holmium	165-1	9071979	9123587	9142615	9112727	0.40	cps
Holmium	165-2	5442029	5524353	5521378	5495920	0.85	cps
Indium	115-1	6917448	6875082	6842664	6878398	0.55	cps
Indium	115-2	1992786	2013702	1989836	1998775	0.65	cps
Iron	56-2	193975827	194550088	196056343	194860753	0.55	cps
Iron	57-2	4666754	4732481	4685844	4695026	0.72	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	10651536	10675688	10621171	10649465	0.26	cps
Krypton	83-1	727	583	713	674	11.74	cps
Lead	206-1	9320	8998	9431	9250	2.43	cps
Lead	207-1	7602	7636	7780	7673	1.23	cps
Lead	208-1	35886	35519	35920	35775	0.62	cps
Lithium	6-1	2012479	2017041	2029836	2019785	0.45	cps
Magnesium	24-2	3994378	4039858	4039762	4024666	0.65	cps
Manganese	55-2	7766668	7882814	7831328	7826937	0.74	cps
Molybdenum	94-1	3792	3150	3859	3601	10.87	cps
Molybdenum	95-1	3017	3250	3067	3112	3.95	cps
Molybdenum	96-1	4192	3826	4476	4165	7.83	cps
Molybdenum	97-1	2092	1825	2025	1981	7.01	cps
Molybdenum	98-1	4859	4843	5009	4904	1.87	cps
Neodymium	150-1	4661	4534	4681	4625	1.72	cps
Neodymium	150-2	2514	2437	2464	2471	1.58	cps
Nickel	60-2	16643	16987	16666	16765	1.15	cps
Phosphorus	31-2	2750	2567	2834	2717	5.02	cps
Potassium	39-2	1044165	1055702	1036838	1045569	0.91	cps
Rhodium	103-1	6425297	6506926	6473576	6468600	0.63	cps
Rhodium	103-2	3640922	3669636	3628342	3646300	0.58	cps
Scandium	45-1	4313052	4300451	4337989	4317164	0.44	cps
Scandium	45-2	333079	338063	332514	334552	0.91	cps
Selenium	82-1	77	171	140	129	37.01	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	178	144	152	158	11.08	cps
Silicon	28-1	56723387	56404645	56742451	56623494	0.34	cps
Silver	107-1	1058	867	983	970	9.96	cps
Silver	109-1	883	1100	1133	1039	13.07	cps
Sodium	23-2	23281153	23758934	23507063	23515716	1.02	cps
Strontium	86-1	319186	322034	323751	321657	0.72	cps
Strontium	88-1	2770993	2774101	2812256	2785783	0.82	cps
Sulfur	34-1	2424236	2441064	2419119	2428140	0.47	cps
Terbium	159-1	9247780	9327898	9308472	9294717	0.45	cps
Terbium	159-2	5436245	5504827	5495208	5478760	0.68	cps
Thallium	203-1	217	217	200	211	4.56	cps
Thallium	205-1	575	467	575	539	11.61	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-01	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:34:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1811	1745	1739	1765	2.28	cps
Tin	118-1	2117	1934	2134	2061	5.38	cps
Titanium	47-1	7569	7644	7444	7552	1.34	cps
Uranium	238-1	1750	1884	1809	1814	3.69	cps
Vanadium	51-2	7235	7385	7162	7261	1.57	cps
Yttrium	89-1	11458627	11547359	11891396	11632460	1.97	cps
Yttrium	89-2	2511499	2540853	2508624	2520325	0.71	cps
Zinc	66-2	18491	18373	18323	18396	0.47	cps
Zirconium	90-1	4659	4734	5159	4851	5.56	cps
Zirconium	91-1	925	1092	1108	1042	9.73	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2834	2806	2678	2773	2.99	cps
Antimony	121-1	3300	3601	3801	3567	7.06	cps
Arsenic	75-2	978	959	1043	993	4.41	cps
Barium	135-1	261752	263469	263079	262767	0.34	cps
Barium	137-1	447461	454698	455320	452493	0.97	cps
Beryllium	9-1	103	77	147	109	32.45	cps
Bismuth	209-1	4925989	4976364	4932705	4945019	0.55	cps
Bismuth	209-2	3366784	3394207	3411836	3390942	0.67	cps
Boron	10-1	23711	24637	25313	24554	3.28	cps
Boron	11-1	118393	118637	122744	119925	2.04	cps
Bromine	81-1	85662	97973	109228	97621	12.07	cps
Bromine	81-2	17669	17950	18952	18190	3.71	cps
Cadmium	111-1	3687	3742	3863	3764	2.39	cps
Cadmium	106-1	5301	5359	5535	5398	2.25	cps
Cadmium	108-1	88	92	88	89	2.71	cps
Calcium	43-1	581150	586981	581949	583360	0.54	cps
Calcium	44-1	9282428	9329242	9256061	9289243	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6665	6712	6828	6735	1.25	cps
Cobalt	59-2	43581	42845	44343	43590	1.72	cps
Copper	63-2	130498	130872	132832	131401	0.95	cps
Dysprosium	156-1	433	425	542	467	13.95	cps
Dysprosium	156-2	323	310	287	307	6.05	cps
Erbium	164-1	525	575	683	594	13.62	cps
Erbium	164-2	343	397	403	381	8.63	cps
Gadolinium	160-1	667	658	608	644	4.90	cps
Gadolinium	160-2	520	477	503	500	4.37	cps
Holmium	165-1	8894064	9021981	8999920	8971989	0.76	cps
Holmium	165-2	5381552	5458015	5392068	5410545	0.77	cps
Indium	115-1	6904332	6908151	6825021	6879168	0.68	cps
Indium	115-2	1953439	1968971	1963654	1962022	0.40	cps
Iron	56-2	105858752	107546080	106288722	106564518	0.82	cps
Iron	57-2	2533672	2542728	2555108	2543836	0.42	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5929620	5864431	5819959	5871336	0.94	cps
Krypton	83-1	763	703	590	686	12.84	cps
Lead	206-1	2211	2189	2222	2208	0.77	cps
Lead	207-1	1878	1739	1789	1802	3.90	cps
Lead	208-1	8523	8318	8523	8455	1.40	cps
Lithium	6-1	1984204	2016483	1998703	1999797	0.81	cps
Magnesium	24-2	3721391	3756785	3759471	3745882	0.57	cps
Manganese	55-2	7139511	7200178	7252702	7197464	0.79	cps
Molybdenum	94-1	1542	1483	1550	1525	2.38	cps
Molybdenum	95-1	1092	1342	1658	1364	20.82	cps
Molybdenum	96-1	1800	1975	1700	1825	7.63	cps
Molybdenum	97-1	733	775	883	797	9.71	cps
Molybdenum	98-1	1884	2117	1742	1914	9.89	cps
Neodymium	150-1	640	587	587	604	5.09	cps
Neodymium	150-2	327	303	303	311	4.33	cps
Nickel	60-2	14587	14240	13923	14250	2.33	cps
Phosphorus	31-2	817	533	683	678	20.91	cps
Potassium	39-2	969460	975846	977709	974338	0.44	cps
Rhodium	103-1	6429101	6331033	6345030	6368388	0.83	cps
Rhodium	103-2	3565461	3586753	3581175	3577796	0.31	cps
Scandium	45-1	4257173	4306994	4258138	4274102	0.67	cps
Scandium	45-2	326474	326936	327270	326893	0.12	cps
Selenium	82-1	29	13	201	81	128.80	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	122	131	128	127	3.67	cps
Silicon	28-1	48776204	49489885	49020108	49095399	0.74	cps
Silver	107-1	217	192	250	219	13.34	cps
Silver	109-1	133	100	108	114	15.23	cps
Sodium	23-2	21902594	22066516	21814362	21927824	0.58	cps
Strontium	86-1	303957	308401	306279	306213	0.73	cps
Strontium	88-1	2664151	2652501	2653573	2656742	0.24	cps
Sulfur	34-1	2283051	2292442	2271827	2282440	0.45	cps
Terbium	159-1	9163847	9249582	9234481	9215970	0.50	cps
Terbium	159-2	5350233	5411250	5376395	5379292	0.57	cps
Thallium	203-1	125	242	167	178	33.26	cps
Thallium	205-1	325	383	417	375	12.37	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-02	Instrumnet Name :	P7
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:37:28	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	394	350	372	372	5.97	cps
Tin	118-1	2175	2692	2459	2442	10.60	cps
Titanium	47-1	1108	1075	1358	1181	13.12	cps
Uranium	238-1	517	425	442	461	10.59	cps
Vanadium	51-2	1110	1110	1153	1124	2.23	cps
Yttrium	89-1	11350284	11584902	11421181	11452122	1.05	cps
Yttrium	89-2	2450633	2480024	2474599	2468419	0.63	cps
Zinc	66-2	46612	46647	46006	46422	0.78	cps
Zirconium	90-1	2659	2484	2150	2431	10.63	cps
Zirconium	91-1	492	492	408	464	10.37	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16409	17194	16978	16860	2.40	cps
Antimony	121-1	2542	2092	2542	2392	10.86	cps
Arsenic	75-2	413	354	378	381	7.81	cps
Barium	135-1	115081	115853	116240	115725	0.51	cps
Barium	137-1	198153	197864	200824	198947	0.82	cps
Beryllium	9-1	93	73	120	96	24.50	cps
Bismuth	209-1	4966459	4986120	4979700	4977426	0.20	cps
Bismuth	209-2	3400153	3444548	3416789	3420497	0.66	cps
Boron	10-1	17719	18145	18704	18189	2.71	cps
Boron	11-1	89288	91408	92037	90911	1.58	cps
Bromine	81-1	49979	53449	56478	53302	6.10	cps
Bromine	81-2	7520	8161	7940	7874	4.14	cps
Cadmium	111-1	3860	3649	3928	3812	3.82	cps
Cadmium	106-1	5560	5209	5635	5468	4.15	cps
Cadmium	108-1	88	50	58	65	30.17	cps
Calcium	43-1	823222	842143	835419	833595	1.15	cps
Calcium	44-1	12937146	13213270	13130337	13093584	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3200	3290	3227	3239	1.43	cps
Cobalt	59-2	1627	1647	1537	1603	3.65	cps
Copper	63-2	13620	13777	13376	13591	1.48	cps
Dysprosium	156-1	883	567	683	711	22.52	cps
Dysprosium	156-2	407	530	593	510	18.61	cps
Erbium	164-1	350	433	367	383	11.51	cps
Erbium	164-2	283	240	217	247	13.72	cps
Gadolinium	160-1	942	733	1125	933	21.00	cps
Gadolinium	160-2	633	737	610	660	10.21	cps
Holmium	165-1	9156703	9189893	9042927	9129841	0.84	cps
Holmium	165-2	5438063	5430659	5467381	5445368	0.36	cps
Indium	115-1	6907192	6915916	6847022	6890043	0.54	cps
Indium	115-2	1975030	1984067	1986244	1981780	0.30	cps
Iron	56-2	1187557	1194524	1200834	1194305	0.56	cps
Iron	57-2	35844	35911	35493	35749	0.63	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	66094	67120	68348	67187	1.68	cps
Krypton	83-1	720	593	773	696	13.29	cps
Lead	206-1	3934	4045	3956	3978	1.48	cps
Lead	207-1	2956	3245	3045	3082	4.80	cps
Lead	208-1	14915	14620	14520	14685	1.40	cps
Lithium	6-1	2005322	2020919	2011615	2012619	0.39	cps
Magnesium	24-2	4865899	4961319	4873647	4900288	1.08	cps
Manganese	55-2	282490	282777	283210	282826	0.13	cps
Molybdenum	94-1	3867	4051	3942	3953	2.33	cps
Molybdenum	95-1	6577	6126	7344	6682	9.21	cps
Molybdenum	96-1	6793	7402	7119	7105	4.29	cps
Molybdenum	97-1	3792	3984	3926	3901	2.52	cps
Molybdenum	98-1	10671	10121	9895	10229	3.90	cps
Neodymium	150-1	367	393	380	380	3.51	cps
Neodymium	150-2	183	213	230	209	11.32	cps
Nickel	60-2	2160	2054	2117	2110	2.54	cps
Phosphorus	31-2	4918	5501	5493	5304	6.31	cps
Potassium	39-2	1686475	1689428	1695692	1690532	0.28	cps
Rhodium	103-1	6395801	6445143	6421332	6420759	0.38	cps
Rhodium	103-2	3606083	3619933	3618614	3614877	0.21	cps
Scandium	45-1	4300880	4344644	4322237	4322587	0.51	cps
Scandium	45-2	334507	334089	332141	333579	0.38	cps
Selenium	82-1	-47	182	-44	30	432.37	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	146	122	135	135	8.96	cps
Silicon	28-1	30049358	29942335	30175866	30055853	0.39	cps
Silver	107-1	242	158	250	217	23.40	cps
Silver	109-1	200	167	100	156	32.73	cps
Sodium	23-2	28177165	27885668	28060172	28041002	0.52	cps
Strontium	86-1	484991	491516	494704	490404	1.01	cps
Strontium	88-1	4269453	4286708	4283094	4279752	0.21	cps
Sulfur	34-1	1041370	1044993	1042390	1042918	0.18	cps
Terbium	159-1	9257265	9247333	9288565	9264388	0.23	cps
Terbium	159-2	5435221	5403182	5434143	5424182	0.34	cps
Thallium	203-1	150	142	200	164	19.25	cps
Thallium	205-1	433	375	375	394	8.54	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-03	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:40:34	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	606	461	489	519	14.78	cps
Tin	118-1	2368	2025	1884	2092	11.90	cps
Titanium	47-1	3834	4559	3867	4087	10.02	cps
Uranium	238-1	4268	4451	4776	4498	5.73	cps
Vanadium	51-2	3070	3164	3164	3133	1.72	cps
Yttrium	89-1	11599280	11690295	11578512	11622696	0.51	cps
Yttrium	89-2	2477970	2490160	2494934	2487688	0.35	cps
Zinc	66-2	19152	19205	19210	19189	0.17	cps
Zirconium	90-1	1517	1242	1283	1347	11.00	cps
Zirconium	91-1	242	383	317	314	22.58	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2823	2828	2678	2776	3.06	cps
Antimony	121-1	2909	2842	2792	2848	2.06	cps
Arsenic	75-2	333	322	344	333	3.33	cps
Barium	135-1	99378	102047	99529	100318	1.49	cps
Barium	137-1	174237	173958	173402	173866	0.24	cps
Beryllium	9-1	57	77	70	68	15.02	cps
Bismuth	209-1	4963692	4987770	5006415	4985959	0.43	cps
Bismuth	209-2	3366607	3399731	3373242	3379860	0.52	cps
Boron	10-1	17168	18170	17394	17577	2.99	cps
Boron	11-1	83245	86152	89212	86203	3.46	cps
Bromine	81-1	41260	46500	47838	45199	7.69	cps
Bromine	81-2	6979	6608	7400	6996	5.66	cps
Cadmium	111-1	3709	3737	3864	3770	2.20	cps
Cadmium	106-1	5284	5351	5526	5387	2.32	cps
Cadmium	108-1	46	67	42	51	26.07	cps
Calcium	43-1	762902	769693	772785	768460	0.66	cps
Calcium	44-1	12218473	12128237	12095723	12147478	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3190	3454	3447	3364	4.46	cps
Cobalt	59-2	1117	1103	1180	1133	3.61	cps
Copper	63-2	35827	36743	37220	36597	1.93	cps
Dysprosium	156-1	475	517	492	494	4.24	cps
Dysprosium	156-2	287	317	283	296	6.21	cps
Erbium	164-1	150	150	192	164	14.68	cps
Erbium	164-2	87	80	87	84	4.56	cps
Gadolinium	160-1	475	517	617	536	13.58	cps
Gadolinium	160-2	507	477	467	483	4.31	cps
Holmium	165-1	9219417	9238344	9051914	9169891	1.12	cps
Holmium	165-2	5419779	5463476	5404301	5429185	0.57	cps
Indium	115-1	6955763	6872320	6805557	6877880	1.09	cps
Indium	115-2	1961779	1975174	1976277	1971077	0.41	cps
Iron	56-2	233310	237885	233767	234987	1.07	cps
Iron	57-2	12022	12016	12088	12042	0.33	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14843	14582	14432	14619	1.42	cps
Krypton	83-1	687	663	653	668	2.56	cps
Lead	206-1	2700	2578	2478	2585	4.31	cps
Lead	207-1	2473	2078	2084	2211	10.23	cps
Lead	208-1	10141	9824	9718	9894	2.22	cps
Lithium	6-1	2036183	2025583	2044464	2035410	0.46	cps
Magnesium	24-2	4592890	4351451	4474487	4472943	2.70	cps
Manganese	55-2	218892	218695	217394	218327	0.37	cps
Molybdenum	94-1	3642	3842	3801	3762	2.81	cps
Molybdenum	95-1	6218	5726	5835	5926	4.36	cps
Molybdenum	96-1	6702	6268	6535	6502	3.36	cps
Molybdenum	97-1	3384	3801	3542	3576	5.88	cps
Molybdenum	98-1	9729	9937	9687	9784	1.37	cps
Neodymium	150-1	73	93	87	84	12.07	cps
Neodymium	150-2	43	23	40	36	30.14	cps
Nickel	60-2	2234	2210	2067	2170	4.16	cps
Phosphorus	31-2	4109	4459	4242	4270	4.14	cps
Potassium	39-2	1560954	1579984	1562927	1567955	0.67	cps
Rhodium	103-1	6490947	6336718	6404307	6410657	1.21	cps
Rhodium	103-2	3561836	3614923	3572892	3583217	0.78	cps
Scandium	45-1	4279480	4260603	4262069	4267384	0.25	cps
Scandium	45-2	326767	330969	326626	328121	0.75	cps
Selenium	82-1	27	69	-9	29	134.39	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	96	139	148	128	21.64	cps
Silicon	28-1	26933622	27071526	27365546	27123565	0.81	cps
Silver	107-1	75	117	133	108	27.74	cps
Silver	109-1	67	100	92	86	20.14	cps
Sodium	23-2	26168153	26494677	25750385	26137738	1.43	cps
Strontium	86-1	450919	452652	451305	451625	0.20	cps
Strontium	88-1	3902352	3914164	3929206	3915241	0.34	cps
Sulfur	34-1	1002617	998569	997068	999418	0.29	cps
Terbium	159-1	9348571	9344829	9104323	9265908	1.51	cps
Terbium	159-2	5438717	5430537	5381274	5416843	0.57	cps
Thallium	203-1	183	150	125	153	19.16	cps
Thallium	205-1	333	383	408	375	10.18	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-04	Instrumnet Name :	P7
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:43:39	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	133	178	152	15.23	cps
Tin	118-1	2675	2692	2525	2631	3.49	cps
Titanium	47-1	1292	975	1200	1156	14.10	cps
Uranium	238-1	3751	4142	3942	3945	4.97	cps
Vanadium	51-2	2350	2047	2224	2207	6.90	cps
Yttrium	89-1	11509619	11497523	11622609	11543250	0.60	cps
Yttrium	89-2	2452851	2448128	2439750	2446910	0.27	cps
Zinc	66-2	22314	22341	21989	22214	0.88	cps
Zirconium	90-1	892	983	983	953	5.56	cps
Zirconium	91-1	183	158	200	181	11.62	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13484	13673	14073	13744	2.19	cps
Antimony	121-1	833	708	900	814	11.96	cps
Arsenic	75-2	280	270	263	271	3.08	cps
Barium	135-1	104775	104079	104447	104434	0.33	cps
Barium	137-1	180643	178928	178846	179472	0.57	cps
Beryllium	9-1	67	47	73	62	22.30	cps
Bismuth	209-1	4983486	5015003	4957131	4985206	0.58	cps
Bismuth	209-2	3400780	3419978	3446304	3422354	0.67	cps
Boron	10-1	11421	11171	11063	11218	1.64	cps
Boron	11-1	55210	55544	56907	55887	1.61	cps
Bromine	81-1	32044	35269	37600	34971	7.98	cps
Bromine	81-2	4636	4916	5176	4909	5.51	cps
Cadmium	111-1	3893	3938	3836	3889	1.31	cps
Cadmium	106-1	5543	5643	5493	5560	1.37	cps
Cadmium	108-1	42	58	54	51	16.87	cps
Calcium	43-1	781840	788779	786178	785599	0.45	cps
Calcium	44-1	12449592	12464678	12483782	12466017	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2187	2420	2354	2320	5.18	cps
Cobalt	59-2	843	887	860	863	2.53	cps
Copper	63-2	5885	6095	6068	6016	1.90	cps
Dysprosium	156-1	267	300	417	328	24.03	cps
Dysprosium	156-2	270	153	177	200	30.87	cps
Erbium	164-1	292	242	400	311	26.02	cps
Erbium	164-2	213	200	240	218	9.35	cps
Gadolinium	160-1	450	425	383	419	8.03	cps
Gadolinium	160-2	427	283	323	344	21.47	cps
Holmium	165-1	9023863	9122335	9123279	9089826	0.63	cps
Holmium	165-2	5399086	5400765	5462641	5420830	0.67	cps
Indium	115-1	6750670	6911194	6927020	6862961	1.42	cps
Indium	115-2	1962568	1958976	1983154	1968233	0.66	cps
Iron	56-2	574915	569083	574539	572846	0.57	cps
Iron	57-2	20236	20075	20398	20236	0.80	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	33051	33603	33151	33268	0.88	cps
Krypton	83-1	687	667	577	643	9.11	cps
Lead	206-1	2628	2495	2545	2556	2.64	cps
Lead	207-1	2100	1950	1989	2013	3.87	cps
Lead	208-1	9974	9568	9707	9750	2.11	cps
Lithium	6-1	2035579	2034941	2010979	2027166	0.69	cps
Magnesium	24-2	4743246	4744519	4782353	4756706	0.47	cps
Manganese	55-2	77472	77365	78893	77910	1.09	cps
Molybdenum	94-1	3100	3242	3267	3203	2.81	cps
Molybdenum	95-1	4684	4284	4559	4509	4.54	cps
Molybdenum	96-1	4993	4993	4509	4832	5.78	cps
Molybdenum	97-1	3084	2950	2675	2903	7.17	cps
Molybdenum	98-1	7386	7552	7085	7341	3.22	cps
Neodymium	150-1	233	307	320	287	16.28	cps
Neodymium	150-2	127	190	163	160	19.87	cps
Nickel	60-2	973	923	1040	979	5.98	cps
Phosphorus	31-2	1092	942	1108	1047	8.77	cps
Potassium	39-2	1095709	1097227	1101522	1098153	0.27	cps
Rhodium	103-1	6372361	6376294	6419659	6389438	0.41	cps
Rhodium	103-2	3551197	3581073	3601532	3577934	0.71	cps
Scandium	45-1	4214570	4281422	4228492	4241495	0.83	cps
Scandium	45-2	329914	328381	331236	329844	0.43	cps
Selenium	82-1	18	67	162	82	88.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	109	131	107	116	11.54	cps
Silicon	28-1	29703645	30214165	29580512	29832774	1.13	cps
Silver	107-1	175	67	108	117	46.84	cps
Silver	109-1	58	117	92	89	32.92	cps
Sodium	23-2	20932676	21236914	21236680	21135424	0.83	cps
Strontium	86-1	453226	453456	452172	452951	0.15	cps
Strontium	88-1	3913228	3911305	3948182	3924238	0.53	cps
Sulfur	34-1	832698	835298	836716	834904	0.24	cps
Terbium	159-1	9253237	9148392	9304773	9235467	0.86	cps
Terbium	159-2	5375660	5373996	5427338	5392331	0.56	cps
Thallium	203-1	167	125	133	142	15.56	cps
Thallium	205-1	342	333	317	331	3.85	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-05	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:46:45	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	400	506	472	459	11.75	cps
Tin	118-1	1617	1508	1508	1545	4.05	cps
Titanium	47-1	3200	3551	3100	3284	7.21	cps
Uranium	238-1	6769	6077	6352	6399	5.44	cps
Vanadium	51-2	2857	2864	2714	2811	3.01	cps
Yttrium	89-1	11275816	11310360	11195953	11260710	0.52	cps
Yttrium	89-2	2459561	2434680	2472327	2455523	0.78	cps
Zinc	66-2	13420	13143	13003	13189	1.61	cps
Zirconium	90-1	1108	967	1242	1106	12.44	cps
Zirconium	91-1	192	183	275	217	23.40	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2661	2567	2506	2578	3.04	cps
Antimony	121-1	1650	1492	1433	1525	7.35	cps
Arsenic	75-2	241	193	198	210	12.51	cps
Barium	135-1	93420	94427	93630	93826	0.57	cps
Barium	137-1	164082	159886	162549	162172	1.31	cps
Beryllium	9-1	110	93	77	93	17.86	cps
Bismuth	209-1	5011247	5025610	4983517	5006791	0.43	cps
Bismuth	209-2	3438396	3412531	3416847	3422592	0.40	cps
Boron	10-1	10129	10487	10963	10526	3.97	cps
Boron	11-1	50116	52809	53846	52257	3.68	cps
Bromine	81-1	29965	32178	34015	32053	6.33	cps
Bromine	81-2	4215	4706	4966	4629	8.24	cps
Cadmium	111-1	3832	3714	3712	3753	1.82	cps
Cadmium	106-1	5493	5309	5326	5376	1.89	cps
Cadmium	108-1	67	46	58	57	18.42	cps
Calcium	43-1	732179	729374	732990	731514	0.26	cps
Calcium	44-1	11489145	11410216	11561302	11486887	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2287	2267	2033	2196	6.42	cps
Cobalt	59-2	723	620	727	690	8.79	cps
Copper	63-2	13420	13603	13256	13426	1.29	cps
Dysprosium	156-1	225	108	108	147	45.75	cps
Dysprosium	156-2	93	83	70	82	14.24	cps
Erbium	164-1	133	142	200	158	22.94	cps
Erbium	164-2	93	90	123	102	17.96	cps
Gadolinium	160-1	192	342	308	281	28.08	cps
Gadolinium	160-2	193	253	290	246	19.87	cps
Holmium	165-1	8906914	9042019	9118997	9022643	1.19	cps
Holmium	165-2	5398095	5401690	5388294	5396026	0.13	cps
Indium	115-1	6822449	6815763	6885438	6841216	0.56	cps
Indium	115-2	1961579	1952443	1958902	1957642	0.24	cps
Iron	56-2	193224	193044	194934	193734	0.54	cps
Iron	57-2	10337	10726	10537	10534	1.85	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12308	12428	12067	12268	1.50	cps
Krypton	83-1	637	783	697	706	10.45	cps
Lead	206-1	2445	2267	2500	2404	5.07	cps
Lead	207-1	1978	1967	1822	1922	4.51	cps
Lead	208-1	9290	9479	9074	9281	2.19	cps
Lithium	6-1	2043736	2034226	2036376	2038113	0.24	cps
Magnesium	24-2	4165130	4188666	4177261	4177019	0.28	cps
Manganese	55-2	70809	71596	70742	71049	0.67	cps
Molybdenum	94-1	2675	2734	2659	2689	1.46	cps
Molybdenum	95-1	4142	4109	4201	4151	1.12	cps
Molybdenum	96-1	4709	4743	4759	4737	0.54	cps
Molybdenum	97-1	2700	2859	2625	2728	4.37	cps
Molybdenum	98-1	7060	6785	6735	6860	2.55	cps
Neodymium	150-1	93	80	67	80	16.67	cps
Neodymium	150-2	37	47	57	47	21.43	cps
Nickel	60-2	1040	1037	1020	1032	1.04	cps
Phosphorus	31-2	1167	958	1017	1047	10.26	cps
Potassium	39-2	1026948	1025405	1022121	1024825	0.24	cps
Rhodium	103-1	6272586	6415120	6353658	6347121	1.13	cps
Rhodium	103-2	3561374	3558169	3560760	3560101	0.05	cps
Scandium	45-1	4249479	4219096	4220159	4229578	0.41	cps
Scandium	45-2	330968	325582	323128	326559	1.23	cps
Selenium	82-1	31	-82	-21	-24	-235.54	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	156	117	111	128	18.95	cps
Silicon	28-1	27172785	27451613	27161074	27261824	0.60	cps
Silver	107-1	133	117	133	128	7.53	cps
Silver	109-1	67	50	50	56	17.32	cps
Sodium	23-2	19797442	19483621	19768102	19683055	0.88	cps
Strontium	86-1	413902	420325	419625	417951	0.84	cps
Strontium	88-1	3633193	3684237	3662139	3659856	0.70	cps
Sulfur	34-1	819938	823379	824490	822602	0.29	cps
Terbium	159-1	9148680	9280307	9261070	9230019	0.77	cps
Terbium	159-2	5374919	5410346	5407399	5397555	0.36	cps
Thallium	203-1	150	158	133	147	8.65	cps
Thallium	205-1	283	300	283	289	3.33	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:49:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	78	178	194	150	42.07	cps
Tin	118-1	2184	2075	2384	2214	7.07	cps
Titanium	47-1	992	800	850	881	11.29	cps
Uranium	238-1	5535	5743	5535	5604	2.15	cps
Vanadium	51-2	1950	1803	1990	1915	5.13	cps
Yttrium	89-1	11361271	11549347	11278343	11396321	1.22	cps
Yttrium	89-2	2434821	2435327	2443765	2437971	0.21	cps
Zinc	66-2	17433	17071	17526	17343	1.39	cps
Zirconium	90-1	967	900	925	931	3.62	cps
Zirconium	91-1	183	208	183	192	7.53	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : M4251-07 Instrumnet Name : P7
 Client Sample ID : RR-54 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 19:52:57 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17755	20967	16760	18494	11.89	cps
Antimony	121-1	2109	2234	2334	2225	5.07	cps
Arsenic	75-2	357	381	411	383	7.02	cps
Barium	135-1	114628	114181	113283	114031	0.60	cps
Barium	137-1	196555	201840	197958	198784	1.38	cps
Beryllium	9-1	100	93	77	90	13.35	cps
Bismuth	209-1	5029946	4929199	5059725	5006290	1.37	cps
Bismuth	209-2	3456355	3285969	3367586	3369970	2.53	cps
Boron	10-1	18236	19296	18662	18731	2.85	cps
Boron	11-1	88985	93940	94275	92400	3.21	cps
Bromine	81-1	39446	45364	48541	44450	10.38	cps
Bromine	81-2	6779	6799	7149	6909	3.02	cps
Cadmium	111-1	3883	3461	3686	3677	5.74	cps
Cadmium	106-1	5518	4934	5268	5240	5.59	cps
Cadmium	108-1	25	38	79	47	60.06	cps
Calcium	43-1	814661	823225	817672	818519	0.53	cps
Calcium	44-1	12856448	12975939	12942561	12924982	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3290	3254	3414	3319	2.53	cps
Cobalt	59-2	1533	1543	1573	1550	1.34	cps
Copper	63-2	13199	13863	13299	13454	2.66	cps
Dysprosium	156-1	892	650	758	767	15.79	cps
Dysprosium	156-2	403	503	463	457	11.02	cps
Erbium	164-1	392	308	283	328	17.31	cps
Erbium	164-2	207	197	270	224	17.72	cps
Gadolinium	160-1	875	858	733	822	9.42	cps
Gadolinium	160-2	683	667	620	657	5.00	cps
Holmium	165-1	9089107	9032800	9266334	9129413	1.33	cps
Holmium	165-2	5424666	5237381	5367161	5343069	1.80	cps
Indium	115-1	6855958	6779679	6960768	6865468	1.32	cps
Indium	115-2	1959195	1890722	1941800	1930572	1.84	cps
Iron	56-2	1174742	1200634	1198357	1191245	1.20	cps
Iron	57-2	35476	36534	36641	36217	1.78	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-07	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:52:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	65541	67542	66788	66624	1.52	cps
Krypton	83-1	617	650	717	661	7.70	cps
Lead	206-1	3884	3817	3806	3836	1.10	cps
Lead	207-1	3145	3039	3189	3124	2.47	cps
Lead	208-1	15170	14326	14303	14600	3.39	cps
Lithium	6-1	2047328	2033647	2051807	2044261	0.46	cps
Magnesium	24-2	4897600	4888450	4898990	4895013	0.12	cps
Manganese	55-2	277147	283846	284456	281816	1.44	cps
Molybdenum	94-1	4159	4259	3992	4137	3.26	cps
Molybdenum	95-1	5926	6310	5993	6076	3.37	cps
Molybdenum	96-1	7060	7410	6910	7127	3.60	cps
Molybdenum	97-1	3876	4059	3751	3895	3.98	cps
Molybdenum	98-1	9670	10304	10229	10068	3.44	cps
Neodymium	150-1	347	333	373	351	5.80	cps
Neodymium	150-2	190	193	213	199	6.35	cps
Nickel	60-2	2087	1927	1953	1989	4.31	cps
Phosphorus	31-2	5084	4926	4968	4993	1.64	cps
Potassium	39-2	1663009	1679620	1671772	1671467	0.50	cps
Rhodium	103-1	6361759	6250044	6386765	6332856	1.15	cps
Rhodium	103-2	3578995	3458946	3547160	3528367	1.76	cps
Scandium	45-1	4200730	4181897	4267852	4216826	1.07	cps
Scandium	45-2	331370	318580	323404	324452	1.99	cps
Selenium	82-1	107	23	-2	43	133.71	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	120	143	119	127	10.53	cps
Silicon	28-1	29280518	29766143	29371535	29472732	0.88	cps
Silver	107-1	192	100	200	164	33.86	cps
Silver	109-1	83	225	133	147	48.80	cps
Sodium	23-2	27980720	28097603	28040389	28039571	0.21	cps
Strontium	86-1	477412	482350	479284	479682	0.52	cps
Strontium	88-1	4135907	4208314	4197915	4180712	0.94	cps
Sulfur	34-1	1041781	1043946	1047680	1044469	0.29	cps
Terbium	159-1	9265249	9151369	9480507	9299042	1.80	cps
Terbium	159-2	5411838	5258048	5359082	5342989	1.46	cps
Thallium	203-1	117	158	150	142	15.56	cps
Thallium	205-1	292	317	392	333	15.61	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-07	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:52:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	528	461	528	506	7.61	cps
Tin	118-1	2059	2167	1767	1997	10.36	cps
Titanium	47-1	4451	4276	4192	4306	3.06	cps
Uranium	238-1	4526	4543	4343	4470	2.48	cps
Vanadium	51-2	3180	3357	3227	3255	2.81	cps
Yttrium	89-1	11192920	11310703	11487823	11330482	1.31	cps
Yttrium	89-2	2465248	2383363	2420257	2422956	1.69	cps
Zinc	66-2	20775	21286	21432	21164	1.63	cps
Zirconium	90-1	1433	1250	1358	1347	6.84	cps
Zirconium	91-1	292	350	275	306	12.89	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1811	1767	1656	1745	4.59	cps
Antimony	121-1	2525	2767	2742	2678	4.96	cps
Arsenic	75-2	304	241	298	281	12.41	cps
Barium	135-1	97675	99311	96777	97921	1.31	cps
Barium	137-1	168847	171969	170997	170604	0.94	cps
Beryllium	9-1	63	93	50	69	32.22	cps
Bismuth	209-1	4910577	5013507	5076204	5000096	1.67	cps
Bismuth	209-2	3389916	3402872	3385065	3392618	0.27	cps
Boron	10-1	17060	17744	18186	17664	3.21	cps
Boron	11-1	81871	87519	88785	86058	4.28	cps
Bromine	81-1	35511	39170	41402	38694	7.69	cps
Bromine	81-2	5296	5947	5607	5617	5.80	cps
Cadmium	111-1	3847	3548	3838	3744	4.54	cps
Cadmium	106-1	5526	5076	5476	5359	4.60	cps
Cadmium	108-1	54	38	42	44	19.52	cps
Calcium	43-1	753568	769170	763266	762001	1.03	cps
Calcium	44-1	11830029	12170488	12047206	12015908	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2660	2577	2360	2532	6.12	cps
Cobalt	59-2	1060	1140	1260	1153	8.73	cps
Copper	63-2	16106	16156	16603	16288	1.68	cps
Dysprosium	156-1	508	492	525	508	3.28	cps
Dysprosium	156-2	280	290	290	287	2.01	cps
Erbium	164-1	200	175	192	189	6.74	cps
Erbium	164-2	100	97	67	88	20.91	cps
Gadolinium	160-1	500	675	525	567	16.70	cps
Gadolinium	160-2	450	513	483	482	6.57	cps
Holmium	165-1	9029449	9121410	9171099	9107319	0.79	cps
Holmium	165-2	5433307	5464118	5482825	5460084	0.46	cps
Indium	115-1	6924139	6788306	6933427	6881957	1.18	cps
Indium	115-2	1944362	1957332	1978528	1960074	0.88	cps
Iron	56-2	198357	199608	199669	199211	0.37	cps
Iron	57-2	10932	11266	11382	11193	2.09	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11647	12348	12107	12034	2.96	cps
Krypton	83-1	657	670	637	654	2.56	cps
Lead	206-1	1772	1761	1800	1778	1.13	cps
Lead	207-1	1483	1328	1428	1413	5.58	cps
Lead	208-1	7179	6473	6806	6819	5.18	cps
Lithium	6-1	2018098	2045919	2063454	2042490	1.12	cps
Magnesium	24-2	4583460	4569681	4591971	4581704	0.25	cps
Manganese	55-2	227555	227923	229335	228271	0.41	cps
Molybdenum	94-1	3817	3559	3776	3717	3.73	cps
Molybdenum	95-1	5568	5618	5535	5573	0.75	cps
Molybdenum	96-1	6360	6643	6568	6524	2.25	cps
Molybdenum	97-1	3425	3492	3817	3578	5.86	cps
Molybdenum	98-1	8553	9295	8895	8914	4.17	cps
Neodymium	150-1	53	80	73	69	20.15	cps
Neodymium	150-2	33	30	47	37	24.06	cps
Nickel	60-2	1873	1797	1637	1769	6.83	cps
Phosphorus	31-2	3792	4109	3967	3956	4.01	cps
Potassium	39-2	1551726	1563095	1545777	1553532	0.57	cps
Rhodium	103-1	6234782	6315843	6454679	6335101	1.76	cps
Rhodium	103-2	3532102	3588023	3601991	3574039	1.03	cps
Scandium	45-1	4220123	4270256	4342306	4277561	1.44	cps
Scandium	45-2	327999	326485	332732	329072	0.99	cps
Selenium	82-1	5	16	70	30	113.42	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	104	93	124	107	14.96	cps
Silicon	28-1	27011576	27096553	27406027	27171385	0.76	cps
Silver	107-1	142	92	175	136	30.82	cps
Silver	109-1	42	42	75	53	36.46	cps
Sodium	23-2	26101564	26573141	26348514	26341073	0.90	cps
Strontium	86-1	435158	451599	448142	444966	1.95	cps
Strontium	88-1	3868297	3887149	3912314	3889253	0.57	cps
Sulfur	34-1	1012135	1026404	1021709	1020083	0.71	cps
Terbium	159-1	9228059	9295723	9400536	9308106	0.93	cps
Terbium	159-2	5356134	5402047	5436077	5398086	0.74	cps
Thallium	203-1	117	183	133	144	24.02	cps
Thallium	205-1	283	275	275	278	1.73	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-08	Instrumnet Name :	P7
Client Sample ID :	RR-54	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:56:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	144	117	139	133	11.02	cps
Tin	118-1	1817	2117	2300	2078	11.74	cps
Titanium	47-1	1042	1033	908	995	7.51	cps
Uranium	238-1	3617	3667	3867	3717	3.56	cps
Vanadium	51-2	1920	1910	1930	1920	0.52	cps
Yttrium	89-1	11434272	11548304	11823955	11602177	1.73	cps
Yttrium	89-2	2429076	2461518	2466686	2452427	0.83	cps
Zinc	66-2	17538	17607	17672	17606	0.38	cps
Zirconium	90-1	925	950	1000	958	3.99	cps
Zirconium	91-1	150	83	200	144	40.52	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2661	2572	2750	2661	3.34	cps
Antimony	121-1	1317	1717	1367	1467	14.86	cps
Arsenic	75-2	230	222	219	223	2.53	cps
Barium	135-1	95132	95501	94545	95060	0.51	cps
Barium	137-1	163028	165052	164462	164181	0.63	cps
Beryllium	9-1	57	67	67	63	9.12	cps
Bismuth	209-1	5177252	5145129	4950435	5090939	2.41	cps
Bismuth	209-2	3538397	3459341	3600644	3532794	2.00	cps
Boron	10-1	10904	10604	11204	10904	2.75	cps
Boron	11-1	50911	53888	53227	52675	2.97	cps
Bromine	81-1	30090	32262	33531	31961	5.44	cps
Bromine	81-2	4365	4135	4485	4328	4.11	cps
Cadmium	111-1	3966	3800	3454	3740	6.98	cps
Cadmium	106-1	5668	5468	4968	5368	6.72	cps
Cadmium	108-1	38	88	63	63	40.00	cps
Calcium	43-1	727282	737894	730487	731887	0.74	cps
Calcium	44-1	11622218	11587576	11546496	11585430	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2274	2220	2364	2286	3.17	cps
Cobalt	59-2	717	820	707	748	8.39	cps
Copper	63-2	13670	13877	13827	13791	0.78	cps
Dysprosium	156-1	158	192	125	158	21.05	cps
Dysprosium	156-2	103	90	77	90	14.81	cps
Erbium	164-1	133	108	183	142	26.96	cps
Erbium	164-2	90	90	83	88	4.39	cps
Gadolinium	160-1	233	200	300	244	20.83	cps
Gadolinium	160-2	213	293	287	264	16.79	cps
Holmium	165-1	9281580	9223022	9081473	9195358	1.12	cps
Holmium	165-2	5598321	5501551	5724816	5608229	2.00	cps
Indium	115-1	7066053	7055295	6825394	6982247	1.95	cps
Indium	115-2	2036537	1993990	2086157	2038895	2.26	cps
Iron	56-2	196055	197227	196945	196742	0.31	cps
Iron	57-2	10498	10943	10632	10691	2.13	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11757	12177	11947	11961	1.76	cps
Krypton	83-1	690	643	643	659	4.09	cps
Lead	206-1	2295	2306	2284	2295	0.48	cps
Lead	207-1	2045	1678	1772	1832	10.40	cps
Lead	208-1	8929	8746	8240	8638	4.13	cps
Lithium	6-1	2062412	2067338	2023841	2051197	1.16	cps
Magnesium	24-2	4196814	4446793	4180076	4274561	3.49	cps
Manganese	55-2	72236	73308	72835	72793	0.74	cps
Molybdenum	94-1	2659	2850	2984	2831	5.77	cps
Molybdenum	95-1	4342	4451	4526	4440	2.08	cps
Molybdenum	96-1	4634	4768	5018	4807	4.05	cps
Molybdenum	97-1	2642	2717	2784	2714	2.61	cps
Molybdenum	98-1	6885	6794	7319	6999	4.01	cps
Neodymium	150-1	87	87	73	82	9.36	cps
Neodymium	150-2	30	40	50	40	25.00	cps
Nickel	60-2	1017	1013	1103	1044	4.89	cps
Phosphorus	31-2	983	1067	808	953	13.84	cps
Potassium	39-2	1020264	1036634	1032566	1029821	0.83	cps
Rhodium	103-1	6544353	6485675	6248812	6426280	2.43	cps
Rhodium	103-2	3713184	3642328	3769681	3708398	1.72	cps
Scandium	45-1	4336418	4359374	4193912	4296568	2.09	cps
Scandium	45-2	340434	332697	349851	340994	2.52	cps
Selenium	82-1	35	92	1	43	108.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	91	141	107	113	22.54	cps
Silicon	28-1	27136440	27496439	27606022	27412967	0.90	cps
Silver	107-1	75	142	108	108	30.77	cps
Silver	109-1	50	92	50	64	37.66	cps
Sodium	23-2	19946281	19974439	19484694	19801805	1.39	cps
Strontium	86-1	414748	420484	422762	419331	0.98	cps
Strontium	88-1	3609602	3666727	3669500	3648609	0.93	cps
Sulfur	34-1	831316	833993	832976	832762	0.16	cps
Terbium	159-1	9506637	9617325	9189289	9437750	2.35	cps
Terbium	159-2	5599894	5510722	5725690	5612102	1.92	cps
Thallium	203-1	133	125	142	133	6.25	cps
Thallium	205-1	267	350	283	300	14.70	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 19:59:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	200	139	163	19.98	cps
Tin	118-1	2142	2175	2117	2145	1.36	cps
Titanium	47-1	833	975	900	903	7.85	cps
Uranium	238-1	6444	5660	5885	5996	6.73	cps
Vanadium	51-2	2034	2167	2104	2101	3.17	cps
Yttrium	89-1	11574012	11728849	11293487	11532116	1.91	cps
Yttrium	89-2	2550226	2498388	2599285	2549300	1.98	cps
Zinc	66-2	17483	17428	17777	17563	1.07	cps
Zirconium	90-1	833	925	1000	920	9.08	cps
Zirconium	91-1	167	133	167	156	12.37	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10225110	10038832	10074734	10112892	0.98	cps
Antimony	121-1	4131311	4128004	4110795	4123370	0.27	cps
Arsenic	75-2	202299	203626	203043	202989	0.33	cps
Barium	135-1	5049437	5033464	5018801	5033901	0.30	cps
Barium	137-1	9195158	9037767	9040714	9091213	0.99	cps
Beryllium	9-1	982092	972377	982555	979008	0.59	cps
Bismuth	209-1	4069137	4446902	4551214	4355751	5.82	cps
Bismuth	209-2	3088606	3058404	3108945	3085318	0.82	cps
Boron	10-1	116100	115596	118888	116861	1.52	cps
Boron	11-1	566313	563555	577135	569001	1.26	cps
Bromine	81-1	13173	12514	12072	12586	4.40	cps
Bromine	81-2	521	561	450	511	10.92	cps
Cadmium	111-1	1077217	1071445	1070483	1073048	0.34	cps
Cadmium	106-1	124247	126190	125248	125228	0.78	cps
Cadmium	108-1	83803	83858	83912	83858	0.06	cps
Calcium	43-1	6634319	6678443	6591815	6634859	0.65	cps
Calcium	44-1	105911017	105003850	104548654	105154507	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1904479	1897657	1893716	1898618	0.29	cps
Cobalt	59-2	2875533	2871050	2874726	2873769	0.08	cps
Copper	63-2	22280330	22205459	22272750	22252846	0.19	cps
Dysprosium	156-1	992	1025	925	981	5.19	cps
Dysprosium	156-2	683	650	587	640	7.67	cps
Erbium	164-1	150	183	142	158	13.92	cps
Erbium	164-2	147	120	140	136	10.24	cps
Gadolinium	160-1	867	700	900	822	13.03	cps
Gadolinium	160-2	663	577	683	641	8.84	cps
Holmium	165-1	7942933	8532822	8834425	8436727	5.37	cps
Holmium	165-2	5250186	5239860	5231015	5240353	0.18	cps
Indium	115-1	5320260	5852070	6370828	5847719	8.98	cps
Indium	115-2	1812623	1815801	1820329	1816251	0.21	cps
Iron	56-2	433926265	429570998	436359499	433285587	0.79	cps
Iron	57-2	10651245	10712116	10820476	10727945	0.80	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23519480	23411618	23432405	23454501	0.24	cps
Krypton	83-1	677	603	663	648	6.03	cps
Lead	206-1	18524809	18570849	18988523	18694727	1.37	cps
Lead	207-1	15877126	15880327	16093238	15950230	0.78	cps
Lead	208-1	73939853	73281950	74292885	73838229	0.69	cps
Lithium	6-1	1740052	1871924	1922687	1844888	5.11	cps
Magnesium	24-2	108376036	107490577	107729452	107865355	0.42	cps
Manganese	55-2	13745108	13707329	13700720	13717719	0.17	cps
Molybdenum	94-1	9119473	9268183	9204326	9197327	0.81	cps
Molybdenum	95-1	11164061	11218991	11130309	11171120	0.40	cps
Molybdenum	96-1	12502565	12276278	12337973	12372272	0.95	cps
Molybdenum	97-1	7068772	6992070	6978103	7012982	0.70	cps
Molybdenum	98-1	17808437	18031013	17806948	17882133	0.72	cps
Neodymium	150-1	387	467	520	458	14.66	cps
Neodymium	150-2	77	80	90	82	8.44	cps
Nickel	60-2	738540	746451	748276	744422	0.70	cps
Phosphorus	31-2	93818	92963	93524	93435	0.46	cps
Potassium	39-2	47604618	47682765	47927810	47738398	0.35	cps
Rhodium	103-1	4850559	5368434	5425911	5214968	6.08	cps
Rhodium	103-2	3245950	3262596	3251730	3253425	0.26	cps
Scandium	45-1	3642794	3970345	4045058	3886066	5.51	cps
Scandium	45-2	314823	313405	318715	315648	0.87	cps
Selenium	82-1	64894	65500	64515	64970	0.76	cps
Selenium	77-2	5508	5398	5234	5380	2.56	cps
Selenium	78-2	17407	17980	17991	17792	1.88	cps
Silicon	28-1	3763274	3809594	3823408	3798759	0.83	cps
Silver	107-1	5213262	5238416	5216970	5222883	0.26	cps
Silver	109-1	5009242	5009014	5006166	5008140	0.03	cps
Sodium	23-2	182575493	179263026	181014871	180951130	0.92	cps
Strontium	86-1	13908131	13895822	13960006	13921319	0.24	cps
Strontium	88-1	120822290	121248357	120669357	120913335	0.25	cps
Sulfur	34-1	1026275	1014692	1013063	1018010	0.71	cps
Terbium	159-1	8032814	8771921	8847209	8550648	5.26	cps
Terbium	159-2	5184435	5207527	5223508	5205157	0.38	cps
Thallium	203-1	4128160	4061517	4109171	4099616	0.84	cps
Thallium	205-1	11023645	10837040	10944102	10934929	0.86	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV12	Instrumnet Name :	P7
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:02:13	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15325798	15217737	15434773	15326103	0.71	cps
Tin	118-1	3432255	3448849	3448027	3443044	0.27	cps
Titanium	47-1	3129160	3114010	3115151	3119440	0.27	cps
Uranium	238-1	14010886	13798510	14082643	13964013	1.06	cps
Vanadium	51-2	1613858	1607765	1621904	1614509	0.44	cps
Yttrium	89-1	9920303	10712973	11052772	10562016	5.50	cps
Yttrium	89-2	2359443	2377003	2384635	2373694	0.54	cps
Zinc	66-2	3080774	3065125	3085787	3077229	0.35	cps
Zirconium	90-1	7667522	7653911	7602803	7641412	0.45	cps
Zirconium	91-1	1644245	1647918	1647731	1646631	0.13	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : CCB12 Instrumnet Name : P7
 Client Sample ID : CCB12 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 20:08:18 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	489	467	485	3.50	cps
Antimony	121-1	675	642	767	694	9.32	cps
Arsenic	75-2	15	24	28	22	30.06	cps
Barium	135-1	208	200	233	214	8.11	cps
Barium	137-1	458	317	425	400	18.52	cps
Beryllium	9-1	160	120	103	128	22.79	cps
Bismuth	209-1	4867284	4920193	4954334	4913937	0.89	cps
Bismuth	209-2	3366536	3373088	3385329	3374984	0.28	cps
Boron	10-1	1392	1267	1233	1297	6.43	cps
Boron	11-1	6343	6568	6376	6429	1.89	cps
Bromine	81-1	8920	8319	8928	8722	4.00	cps
Bromine	81-2	110	150	150	137	16.90	cps
Cadmium	111-1	3438	3284	3469	3397	2.92	cps
Cadmium	106-1	4934	4676	4951	4854	3.18	cps
Cadmium	108-1	100	104	121	108	10.18	cps
Calcium	43-1	358	467	417	414	13.10	cps
Calcium	44-1	15025	15108	16193	15442	4.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1300	1397	1387	1361	3.91	cps
Cobalt	59-2	143	177	163	161	10.41	cps
Copper	63-2	1813	1867	1737	1806	3.62	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	58	67	17	47	56.72	cps
Erbium	164-2	40	23	23	29	33.32	cps
Gadolinium	160-1	75	92	100	89	14.32	cps
Gadolinium	160-2	110	187	157	151	25.57	cps
Holmium	165-1	8737915	8972542	8857934	8856131	1.32	cps
Holmium	165-2	5293323	5309428	5316319	5306357	0.22	cps
Indium	115-1	6604340	6766922	6713224	6694829	1.24	cps
Indium	115-2	1915148	1934752	1913276	1921059	0.62	cps
Iron	56-2	23925	22506	21744	22725	4.87	cps
Iron	57-2	811	822	789	807	2.10	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:08:18	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2683	2683	2833	2733	3.17	cps
Krypton	83-1	760	607	650	672	11.76	cps
Lead	206-1	1789	1950	1989	1909	5.55	cps
Lead	207-1	1728	1489	1606	1608	7.43	cps
Lead	208-1	7429	7312	7634	7458	2.19	cps
Lithium	6-1	1932474	1955525	1951715	1946571	0.63	cps
Magnesium	24-2	3884	3678	3928	3830	3.48	cps
Manganese	55-2	597	627	503	576	11.18	cps
Molybdenum	94-1	750	792	783	775	2.85	cps
Molybdenum	95-1	567	467	458	497	12.12	cps
Molybdenum	96-1	667	658	542	622	11.23	cps
Molybdenum	97-1	317	358	300	325	9.25	cps
Molybdenum	98-1	942	758	958	886	12.52	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	123	147	153	141	11.16	cps
Phosphorus	31-2	700	567	375	547	29.85	cps
Potassium	39-2	86493	89527	88068	88029	1.72	cps
Rhodium	103-1	6195948	6328087	6321124	6281720	1.18	cps
Rhodium	103-2	3535894	3525756	3550064	3537238	0.35	cps
Scandium	45-1	3980202	4096987	4075568	4050919	1.53	cps
Scandium	45-2	311012	319114	308663	312930	1.75	cps
Selenium	82-1	-119	104	28	4	2631.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	104	100	102	102	1.82	cps
Silicon	28-1	457573	456868	461673	458705	0.57	cps
Silver	107-1	400	433	450	428	5.95	cps
Silver	109-1	283	383	367	344	15.56	cps
Sodium	23-2	69287	68187	67038	68170	1.65	cps
Strontium	86-1	1517	1617	1500	1545	4.09	cps
Strontium	88-1	4134	4576	4567	4426	5.71	cps
Sulfur	34-1	562363	558421	556629	559137	0.52	cps
Terbium	159-1	8893584	9156170	9099830	9049862	1.53	cps
Terbium	159-2	5248445	5275469	5241156	5255023	0.34	cps
Thallium	203-1	817	733	683	744	9.05	cps
Thallium	205-1	2184	1975	1725	1961	11.70	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB12	Instrumnet Name :	P7
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:08:18	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1606	1656	1378	1546	9.58	cps
Tin	118-1	1917	1683	1842	1814	6.57	cps
Titanium	47-1	308	217	258	261	17.58	cps
Uranium	238-1	350	458	367	392	14.89	cps
Vanadium	51-2	57	40	73	57	29.41	cps
Yttrium	89-1	11004159	11113969	11043007	11053712	0.50	cps
Yttrium	89-2	2395408	2353170	2404429	2384336	1.15	cps
Zinc	66-2	705	657	658	673	4.04	cps
Zirconium	90-1	1050	1233	1158	1147	8.03	cps
Zirconium	91-1	225	250	175	217	17.62	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BL	Instrumnet Name :	P7
Client Sample ID :	PB139952BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:11:25	DataFile Name :	032CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272	194	211	226	18.13	cps
Antimony	121-1	217	233	350	267	27.24	cps
Arsenic	75-2	9	9	7	9	12.36	cps
Barium	135-1	42	42	67	50	28.87	cps
Barium	137-1	108	92	125	108	15.38	cps
Beryllium	9-1	97	97	107	100	5.77	cps
Bismuth	209-1	4798395	4982162	4981114	4920557	2.15	cps
Bismuth	209-2	3412761	3382228	3378494	3391161	0.55	cps
Boron	10-1	1108	1000	700	936	22.60	cps
Boron	11-1	4167	4484	4559	4404	4.72	cps
Bromine	81-1	8128	7936	7977	8014	1.26	cps
Bromine	81-2	100	80	50	77	32.83	cps
Cadmium	111-1	3395	3503	3422	3440	1.63	cps
Cadmium	106-1	4909	5084	4926	4973	1.94	cps
Cadmium	108-1	83	104	108	99	13.59	cps
Calcium	43-1	267	233	275	258	8.53	cps
Calcium	44-1	12848	12956	13064	12956	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1287	1277	1287	1283	0.45	cps
Cobalt	59-2	67	93	80	80	16.66	cps
Copper	63-2	1217	1217	1160	1198	2.73	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	17	30	37	28	36.66	cps
Gadolinium	160-1	117	125	58	100	36.33	cps
Gadolinium	160-2	140	113	160	138	16.99	cps
Holmium	165-1	8608089	8874256	8874651	8785665	1.75	cps
Holmium	165-2	5299515	5331562	5308188	5313088	0.31	cps
Indium	115-1	6499805	6617567	6760084	6625819	1.97	cps
Indium	115-2	1941062	1944003	1909050	1931372	1.00	cps
Iron	56-2	11088	10749	10415	10750	3.13	cps
Iron	57-2	383	533	422	446	17.44	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BL	Instrumnet Name :	P7
Client Sample ID :	PB139952BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:11:25	DataFile Name :	032CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1952	1952	1762	1889	5.81	cps
Krypton	83-1	643	753	540	646	16.53	cps
Lead	206-1	1456	1461	1378	1432	3.25	cps
Lead	207-1	1295	1350	1095	1246	10.79	cps
Lead	208-1	5595	5689	5489	5591	1.79	cps
Lithium	6-1	1907389	1948356	1965799	1940514	1.55	cps
Magnesium	24-2	1006	1061	1039	1035	2.70	cps
Manganese	55-2	280	197	260	246	17.72	cps
Molybdenum	94-1	275	342	325	314	11.05	cps
Molybdenum	95-1	167	142	108	139	21.07	cps
Molybdenum	96-1	208	192	308	236	26.73	cps
Molybdenum	97-1	75	117	125	106	25.38	cps
Molybdenum	98-1	208	325	250	261	22.64	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	107	100	113	107	6.25	cps
Phosphorus	31-2	575	567	658	600	8.45	cps
Potassium	39-2	87147	88320	86836	87434	0.90	cps
Rhodium	103-1	6104140	6310136	6437837	6284038	2.68	cps
Rhodium	103-2	3573166	3548715	3518528	3546803	0.77	cps
Scandium	45-1	3929879	4071271	4078795	4026648	2.08	cps
Scandium	45-2	314310	324959	317165	318812	1.73	cps
Selenium	82-1	-9	-1	102	31	202.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	128	133	124	128	3.63	cps
Silicon	28-1	466331	465824	464968	465708	0.15	cps
Silver	107-1	200	225	183	203	10.34	cps
Silver	109-1	117	133	150	133	12.50	cps
Sodium	23-2	58324	57091	57231	57549	1.17	cps
Strontium	86-1	1183	1058	1083	1108	5.97	cps
Strontium	88-1	1033	1025	1142	1067	6.10	cps
Sulfur	34-1	566165	567050	568020	567078	0.16	cps
Terbium	159-1	8653417	9043108	9082347	8926291	2.66	cps
Terbium	159-2	5253031	5344048	5274033	5290370	0.90	cps
Thallium	203-1	233	308	292	278	14.18	cps
Thallium	205-1	767	833	800	800	4.17	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BL	Instrumnet Name :	P7
Client Sample ID :	PB139952BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:11:25	DataFile Name :	032CCBD.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	578	678	617	624	8.08	cps
Tin	118-1	1800	1750	1834	1795	2.34	cps
Titanium	47-1	142	200	83	142	41.18	cps
Uranium	238-1	75	125	133	111	28.40	cps
Vanadium	51-2	13	27	33	24	41.66	cps
Yttrium	89-1	10730628	11075987	11096999	10967871	1.88	cps
Yttrium	89-2	2432517	2378405	2358906	2389943	1.60	cps
Zinc	66-2	639	602	569	603	5.82	cps
Zirconium	90-1	775	892	750	806	9.39	cps
Zirconium	91-1	150	125	133	136	9.36	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1890594	1900961	1909432	1900329	0.50	cps
Antimony	121-1	4248802	4260984	4272299	4260695	0.28	cps
Arsenic	75-2	201153	202990	201828	201991	0.46	cps
Barium	135-1	5127399	5168825	5144760	5146995	0.40	cps
Barium	137-1	9377715	9382802	9339153	9366556	0.25	cps
Beryllium	9-1	989188	989429	994775	991131	0.32	cps
Bismuth	209-1	4740388	4860795	4881024	4827402	1.58	cps
Bismuth	209-2	3289908	3285133	3277523	3284188	0.19	cps
Boron	10-1	117494	119385	120778	119219	1.38	cps
Boron	11-1	557320	571065	584978	571121	2.42	cps
Bromine	81-1	8511	8127	8161	8266	2.57	cps
Bromine	81-2	100	100	170	123	32.77	cps
Cadmium	111-1	1089090	1094548	1089069	1090902	0.29	cps
Cadmium	106-1	127426	127047	127316	127263	0.15	cps
Cadmium	108-1	83103	83967	83908	83659	0.58	cps
Calcium	43-1	1398323	1402905	1410654	1403960	0.44	cps
Calcium	44-1	21644058	21921911	21988482	21851484	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1938306	1955269	1947172	1946916	0.44	cps
Cobalt	59-2	3001243	2977577	3025753	3001524	0.80	cps
Copper	63-2	22937772	22671237	22446485	22685165	1.08	cps
Dysprosium	156-1	258	242	183	228	17.29	cps
Dysprosium	156-2	160	227	187	191	17.56	cps
Erbium	164-1	67	117	108	97	27.55	cps
Erbium	164-2	73	43	50	56	28.35	cps
Gadolinium	160-1	200	175	267	214	22.15	cps
Gadolinium	160-2	187	253	293	244	22.04	cps
Holmium	165-1	8736673	8953777	9113747	8934732	2.12	cps
Holmium	165-2	5369399	5377491	5307244	5351378	0.72	cps
Indium	115-1	6339735	6591332	6585453	6505507	2.21	cps
Indium	115-2	1879348	1888610	1867109	1878356	0.57	cps
Iron	56-2	91128710	92008060	91148566	91428446	0.55	cps
Iron	57-2	2162901	2179394	2182655	2174983	0.49	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4941639	4961108	4936672	4946473	0.26	cps
Krypton	83-1	650	553	600	601	8.04	cps
Lead	206-1	19578036	19634563	19625743	19612781	0.16	cps
Lead	207-1	16793665	16713317	16686415	16731132	0.33	cps
Lead	208-1	77996853	77390735	77455428	77614339	0.43	cps
Lithium	6-1	1912317	1955547	1949520	1939128	1.21	cps
Magnesium	24-2	21778347	21849090	21754871	21794103	0.23	cps
Manganese	55-2	13972279	14191805	13926220	14030101	1.01	cps
Molybdenum	94-1	9263681	9346042	9249067	9286263	0.56	cps
Molybdenum	95-1	11338133	11417162	11428236	11394510	0.43	cps
Molybdenum	96-1	12507931	12371658	12605654	12495081	0.94	cps
Molybdenum	97-1	7029271	7036132	7144758	7070054	0.92	cps
Molybdenum	98-1	18109591	18111582	17934453	18051875	0.56	cps
Neodymium	150-1	393	500	513	469	14.03	cps
Neodymium	150-2	77	70	83	77	8.69	cps
Nickel	60-2	772957	774655	771231	772948	0.22	cps
Phosphorus	31-2	93693	94992	95127	94604	0.84	cps
Potassium	39-2	9743429	9826335	9879425	9816396	0.70	cps
Rhodium	103-1	5616117	5763486	5750204	5709935	1.43	cps
Rhodium	103-2	3458921	3461439	3449454	3456605	0.18	cps
Scandium	45-1	3994968	4101482	4123442	4073297	1.69	cps
Scandium	45-2	319857	323003	320306	321055	0.53	cps
Selenium	82-1	65172	65319	65069	65186	0.19	cps
Selenium	77-2	5334	5218	5161	5238	1.69	cps
Selenium	78-2	17737	18152	17939	17943	1.16	cps
Silicon	28-1	3893219	3994284	4103575	3997026	2.63	cps
Silver	107-1	5319566	5360753	5337817	5339378	0.39	cps
Silver	109-1	5110431	5093656	5079649	5094579	0.30	cps
Sodium	23-2	37198345	37161395	36829899	37063213	0.55	cps
Strontium	86-1	14070695	14019860	14089380	14059978	0.26	cps
Strontium	88-1	123895182	121904453	121818736	122539457	0.96	cps
Sulfur	34-1	1007393	999327	993177	999966	0.71	cps
Terbium	159-1	8902757	9155340	9143302	9067133	1.57	cps
Terbium	159-2	5324188	5369763	5302662	5332204	0.64	cps
Thallium	203-1	4291330	4336826	4340666	4322940	0.63	cps
Thallium	205-1	11516097	11517108	11520080	11517761	0.02	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	PB139952BS	Instrumnet Name :	P7
Client Sample ID :	PB139952BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:14:33	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15333386	15583476	15540651	15485838	0.86	cps
Tin	118-1	3549541	3531379	3560858	3547259	0.42	cps
Titanium	47-1	3142080	3136410	3134642	3137711	0.12	cps
Uranium	238-1	13801284	13955346	13944069	13900233	0.62	cps
Vanadium	51-2	1629269	1649136	1634491	1637632	0.63	cps
Yttrium	89-1	10904228	11024896	11251950	11060358	1.60	cps
Yttrium	89-2	2404619	2422430	2400222	2409090	0.49	cps
Zinc	66-2	3124845	3139353	3117015	3127071	0.36	cps
Zirconium	90-1	7590526	7665049	7771814	7675796	1.19	cps
Zirconium	91-1	1652858	1649061	1651897	1651272	0.12	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	800	700	778	8.92	cps
Antimony	121-1	758	800	958	839	12.58	cps
Arsenic	75-2	54	61	44	53	15.73	cps
Barium	135-1	16794	17219	17712	17242	2.66	cps
Barium	137-1	30576	30693	30201	30490	0.84	cps
Beryllium	9-1	147	130	153	143	8.39	cps
Bismuth	209-1	5026946	4960222	4952787	4979985	0.82	cps
Bismuth	209-2	3336240	3425744	3439376	3400453	1.65	cps
Boron	10-1	3275	2834	3159	3089	7.41	cps
Boron	11-1	15417	15475	15425	15439	0.20	cps
Bromine	81-1	11630	12130	12914	12225	5.30	cps
Bromine	81-2	981	991	941	971	2.73	cps
Cadmium	111-1	3561	3516	3174	3417	6.20	cps
Cadmium	106-1	5118	5001	4559	4893	6.02	cps
Cadmium	108-1	67	50	79	65	22.42	cps
Calcium	43-1	134968	136599	135246	135604	0.64	cps
Calcium	44-1	2155298	2181887	2222028	2186405	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1417	1430	1427	1425	0.49	cps
Cobalt	59-2	220	180	190	197	10.58	cps
Copper	63-2	3804	3651	3941	3798	3.82	cps
Dysprosium	156-1	58	33	42	44	28.64	cps
Dysprosium	156-2	20	17	3	13	66.16	cps
Erbium	164-1	58	100	67	75	29.39	cps
Erbium	164-2	60	37	33	43	33.53	cps
Gadolinium	160-1	83	83	100	89	10.82	cps
Gadolinium	160-2	153	133	143	143	6.98	cps
Holmium	165-1	9198749	9005829	8993243	9065941	1.27	cps
Holmium	165-2	5243414	5362507	5328470	5311464	1.15	cps
Indium	115-1	6847448	6725126	6791955	6788176	0.90	cps
Indium	115-2	1914496	1943983	1967818	1942099	1.38	cps
Iron	56-2	44278	43904	44105	44096	0.42	cps
Iron	57-2	2195	2200	2367	2254	4.34	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3504	4135	3574	3738	9.25	cps
Krypton	83-1	590	640	720	650	10.09	cps
Lead	206-1	1895	2056	1917	1956	4.47	cps
Lead	207-1	1767	1595	1739	1700	5.44	cps
Lead	208-1	7796	8196	7595	7862	3.89	cps
Lithium	6-1	1987650	1954572	1969173	1970465	0.84	cps
Magnesium	24-2	797709	793955	806324	799329	0.79	cps
Manganese	55-2	13723	13870	13426	13673	1.65	cps
Molybdenum	94-1	892	900	833	875	4.15	cps
Molybdenum	95-1	1350	1033	1050	1145	15.57	cps
Molybdenum	96-1	1158	1175	1267	1200	4.86	cps
Molybdenum	97-1	675	650	558	628	9.78	cps
Molybdenum	98-1	1742	1600	1884	1742	8.13	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	10	23	11	105.35	cps
Nickel	60-2	357	273	273	301	15.98	cps
Phosphorus	31-2	692	667	642	667	3.75	cps
Potassium	39-2	265376	263535	262405	263772	0.57	cps
Rhodium	103-1	6401689	6249994	6404629	6352104	1.39	cps
Rhodium	103-2	3498973	3562336	3557096	3539468	0.99	cps
Scandium	45-1	4129600	4047940	4091946	4089829	1.00	cps
Scandium	45-2	317380	322038	324494	321304	1.12	cps
Selenium	82-1	16	20	-76	-13	-418.32	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	96	137	126	120	17.59	cps
Silicon	28-1	5503676	5523546	5510412	5512544	0.18	cps
Silver	107-1	250	308	342	300	15.47	cps
Silver	109-1	225	242	275	247	10.30	cps
Sodium	23-2	3601672	3549997	3611791	3587820	0.92	cps
Strontium	86-1	79058	80022	79494	79525	0.61	cps
Strontium	88-1	672333	676018	688400	678917	1.24	cps
Sulfur	34-1	590169	588572	590187	589643	0.16	cps
Terbium	159-1	9373760	9053243	9132787	9186597	1.82	cps
Terbium	159-2	5269647	5385705	5333941	5329764	1.09	cps
Thallium	203-1	725	550	675	650	13.87	cps
Thallium	205-1	1275	1250	1400	1308	6.14	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-17 20:20:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1322	1067	1122	1170	11.48	cps
Tin	118-1	2017	1834	1942	1931	4.77	cps
Titanium	47-1	333	233	408	325	27.01	cps
Uranium	238-1	1175	1267	1242	1228	3.86	cps
Vanadium	51-2	373	357	360	363	2.43	cps
Yttrium	89-1	11446531	10960063	11179863	11195485	2.18	cps
Yttrium	89-2	2347166	2413546	2398183	2386298	1.46	cps
Zinc	66-2	4017	3668	3808	3831	4.59	cps
Zirconium	90-1	917	842	850	870	4.73	cps
Zirconium	91-1	200	158	133	164	20.55	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1909340	1904305	1897109	1903585	0.32	cps
Antimony	121-1	4080781	4138994	4180495	4133423	1.21	cps
Arsenic	75-2	205476	208050	204843	206123	0.82	cps
Barium	135-1	4993662	5087495	5098437	5059865	1.14	cps
Barium	137-1	8950237	9307575	9324887	9194233	2.30	cps
Beryllium	9-1	976115	989858	996876	987617	1.07	cps
Bismuth	209-1	4693005	4531181	4717014	4647066	2.18	cps
Bismuth	209-2	3118554	3125233	3202674	3148821	1.48	cps
Boron	10-1	124542	130441	133895	129626	3.65	cps
Boron	11-1	595038	619885	634889	616604	3.26	cps
Bromine	81-1	22910	25223	28070	25401	10.17	cps
Bromine	81-2	3634	3834	3764	3744	2.71	cps
Cadmium	111-1	1042179	1047993	1058658	1049610	0.80	cps
Cadmium	106-1	121534	123164	120920	121873	0.95	cps
Cadmium	108-1	79822	82039	81276	81046	1.39	cps
Calcium	43-1	1986829	2065190	2058270	2036763	2.13	cps
Calcium	44-1	31370139	32160025	32082891	31871018	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1957588	1949563	1945241	1950797	0.32	cps
Cobalt	59-2	3015096	3024564	3012700	3017453	0.21	cps
Copper	63-2	25189336	25343312	25397571	25310073	0.43	cps
Dysprosium	156-1	408	350	392	383	7.84	cps
Dysprosium	156-2	323	230	293	282	16.88	cps
Erbium	164-1	250	133	125	169	41.25	cps
Erbium	164-2	120	110	133	121	9.67	cps
Gadolinium	160-1	417	325	458	400	17.05	cps
Gadolinium	160-2	253	297	383	311	21.28	cps
Holmium	165-1	8689394	8526158	8861339	8692297	1.93	cps
Holmium	165-2	5091140	5169914	5229302	5163452	1.34	cps
Indium	115-1	6320662	5799739	6495411	6205270	5.83	cps
Indium	115-2	1770867	1797691	1826761	1798440	1.55	cps
Iron	56-2	90677438	91256738	90066158	90666778	0.66	cps
Iron	57-2	2159134	2173687	2147436	2160086	0.61	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4893374	4913490	4877430	4894765	0.37	cps
Krypton	83-1	643	627	647	639	1.68	cps
Lead	206-1	19262845	19765932	19303589	19444122	1.44	cps
Lead	207-1	16574924	17051394	17021077	16882465	1.58	cps
Lead	208-1	76104313	78159274	77528727	77264104	1.36	cps
Lithium	6-1	1918660	1883928	1944940	1915843	1.60	cps
Magnesium	24-2	25817267	25652475	25611674	25693805	0.42	cps
Manganese	55-2	15221428	15314461	15169797	15235229	0.48	cps
Molybdenum	94-1	8729228	8899673	9025762	8884888	1.67	cps
Molybdenum	95-1	10714677	10933607	10970733	10873005	1.27	cps
Molybdenum	96-1	11789665	11998156	12000855	11929559	1.02	cps
Molybdenum	97-1	6611543	6837020	6875353	6774639	2.10	cps
Molybdenum	98-1	17121772	17466998	17490450	17359740	1.19	cps
Neodymium	150-1	533	473	567	524	9.02	cps
Neodymium	150-2	93	83	130	102	24.04	cps
Nickel	60-2	764491	773123	766067	767894	0.60	cps
Phosphorus	31-2	1058	1017	808	961	13.94	cps
Potassium	39-2	10497154	10640088	10476046	10537763	0.85	cps
Rhodium	103-1	5508736	5397609	5657753	5521366	2.36	cps
Rhodium	103-2	3258452	3318713	3336365	3304510	1.24	cps
Scandium	45-1	3987000	3888869	4082612	3986160	2.43	cps
Scandium	45-2	303746	309481	314453	309227	1.73	cps
Selenium	82-1	62567	63231	63882	63227	1.04	cps
Selenium	77-2	5224	5418	5178	5273	2.41	cps
Selenium	78-2	17713	17839	17613	17721	0.64	cps
Silicon	28-1	28947725	29334024	29458639	29246796	0.91	cps
Silver	107-1	4854301	5621969	4717089	5064453	9.63	cps
Silver	109-1	4742080	4629026	4641125	4670744	1.33	cps
Sodium	23-2	56811207	56275830	56023255	56370098	0.71	cps
Strontium	86-1	13840758	14067209	14143569	14017178	1.12	cps
Strontium	88-1	120881086	122392840	122469932	121914619	0.73	cps
Sulfur	34-1	775042	780462	773282	776262	0.48	cps
Terbium	159-1	8735021	8674951	9007345	8805772	2.01	cps
Terbium	159-2	5035071	5113271	5222181	5123508	1.83	cps
Thallium	203-1	4189963	4233090	4237707	4220253	0.62	cps
Thallium	205-1	11133106	11166601	11128277	11142661	0.19	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:23:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2384	2000	1639	2008	18.55	cps
Tin	118-1	3345747	3446786	3464939	3419157	1.88	cps
Titanium	47-1	2988924	3019708	3041091	3016574	0.87	cps
Uranium	238-1	13752770	13785734	13799826	13779443	0.18	cps
Vanadium	51-2	1653085	1665351	1657598	1658678	0.37	cps
Yttrium	89-1	10771172	10395166	10949694	10705344	2.64	cps
Yttrium	89-2	2293679	2312406	2341133	2315739	1.03	cps
Zinc	66-2	3306976	3307083	3289204	3301088	0.31	cps
Zirconium	90-1	7292090	7426230	7463134	7393818	1.22	cps
Zirconium	91-1	1565420	1604763	1594498	1588227	1.28	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1891416	1900284	1915569	1902423	0.64	cps
Antimony	121-1	4124734	4185721	4190515	4166990	0.88	cps
Arsenic	75-2	207301	207019	210322	208214	0.88	cps
Barium	135-1	5037121	5082045	5148392	5089186	1.10	cps
Barium	137-1	9331198	9323974	9451800	9368991	0.77	cps
Beryllium	9-1	981674	982182	985895	983250	0.23	cps
Bismuth	209-1	4640223	4719341	4694925	4684830	0.86	cps
Bismuth	209-2	3181384	3204519	3263467	3216457	1.32	cps
Boron	10-1	126810	130920	130684	129471	1.78	cps
Boron	11-1	608452	628136	634707	623765	2.19	cps
Bromine	81-1	25657	27610	29564	27610	7.08	cps
Bromine	81-2	3915	3604	4165	3895	7.21	cps
Cadmium	111-1	1052622	1064829	1066260	1061237	0.71	cps
Cadmium	106-1	121332	124643	125483	123819	1.77	cps
Cadmium	108-1	80928	82839	82433	82067	1.23	cps
Calcium	43-1	2025673	2049191	2061250	2045371	0.88	cps
Calcium	44-1	31550399	32245498	31857972	31884623	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1957894	1963591	1978211	1966565	0.53	cps
Cobalt	59-2	3018900	3038958	3043320	3033726	0.43	cps
Copper	63-2	25070784	25183412	25010705	25088300	0.35	cps
Dysprosium	156-1	358	283	317	319	11.76	cps
Dysprosium	156-2	277	273	300	283	5.13	cps
Erbium	164-1	200	225	275	233	16.37	cps
Erbium	164-2	117	117	107	113	5.09	cps
Gadolinium	160-1	350	442	283	358	22.18	cps
Gadolinium	160-2	330	350	407	362	10.98	cps
Holmium	165-1	8735371	8760735	8811285	8769131	0.44	cps
Holmium	165-2	5204445	5390169	5389127	5327914	2.01	cps
Indium	115-1	6484721	6477346	6451802	6471290	0.27	cps
Indium	115-2	1824398	1870055	1875660	1856704	1.51	cps
Iron	56-2	91078585	91327696	90755241	91053841	0.32	cps
Iron	57-2	2165631	2179939	2187038	2177536	0.50	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4926722	4940973	4973677	4947124	0.49	cps
Krypton	83-1	733	580	690	668	11.84	cps
Lead	206-1	19408962	19962014	19644501	19671825	1.41	cps
Lead	207-1	17026590	17277618	16969604	17091271	0.96	cps
Lead	208-1	77269264	79137416	78460681	78289120	1.21	cps
Lithium	6-1	1913865	1930371	1929184	1924473	0.48	cps
Magnesium	24-2	25461907	25864587	25852626	25726373	0.89	cps
Manganese	55-2	15297482	15444545	15469231	15403752	0.60	cps
Molybdenum	94-1	8870348	8988802	9085021	8981390	1.20	cps
Molybdenum	95-1	10682765	11069342	11052264	10934790	2.00	cps
Molybdenum	96-1	11986987	12208748	12150576	12115437	0.95	cps
Molybdenum	97-1	6886827	6881924	6975403	6914718	0.76	cps
Molybdenum	98-1	17550512	17615997	17643123	17603211	0.27	cps
Neodymium	150-1	593	560	473	542	11.42	cps
Neodymium	150-2	87	117	113	106	15.58	cps
Nickel	60-2	766387	778286	777988	774220	0.88	cps
Phosphorus	31-2	1075	825	1017	972	13.45	cps
Potassium	39-2	10622502	10630012	10645671	10632728	0.11	cps
Rhodium	103-1	5540594	5604163	5572721	5572493	0.57	cps
Rhodium	103-2	3337918	3423364	3391715	3384332	1.28	cps
Scandium	45-1	3994466	4032749	3990244	4005820	0.58	cps
Scandium	45-2	312746	320695	321057	318166	1.48	cps
Selenium	82-1	62977	63857	64057	63630	0.90	cps
Selenium	77-2	5204	5394	5444	5348	2.37	cps
Selenium	78-2	17683	17930	18147	17920	1.29	cps
Silicon	28-1	29067864	29494379	29550287	29370843	0.90	cps
Silver	107-1	4371054	4052343	5084916	4502771	11.74	cps
Silver	109-1	5174308	5377068	3891052	4814143	16.74	cps
Sodium	23-2	56870864	57255725	57419796	57182128	0.49	cps
Strontium	86-1	14052225	14257628	14265376	14191743	0.85	cps
Strontium	88-1	121500724	124610899	124349415	123487012	1.40	cps
Sulfur	34-1	763749	765374	757890	762338	0.52	cps
Terbium	159-1	8849087	8964533	8887294	8900305	0.66	cps
Terbium	159-2	5192066	5350112	5325942	5289373	1.61	cps
Thallium	203-1	4207459	4230440	4303693	4247197	1.18	cps
Thallium	205-1	11102872	11379084	11298350	11260102	1.26	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:26:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	744	683	839	756	10.37	cps
Tin	118-1	3420163	3476488	3481063	3459238	0.98	cps
Titanium	47-1	3032070	3035945	3062812	3043609	0.55	cps
Uranium	238-1	13727320	13917059	14083331	13909237	1.28	cps
Vanadium	51-2	1651389	1669049	1665631	1662023	0.56	cps
Yttrium	89-1	10722510	10924867	10921019	10856132	1.07	cps
Yttrium	89-2	2351458	2405788	2405602	2387616	1.31	cps
Zinc	66-2	3299183	3310061	3330083	3313109	0.47	cps
Zirconium	90-1	7539419	7443419	7495597	7492812	0.64	cps
Zirconium	91-1	1592026	1607554	1608719	1602766	0.58	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1899280	1918576	1934787	1917548	0.93	cps
Antimony	121-1	4173045	4203541	4272595	4216394	1.21	cps
Arsenic	75-2	207912	210031	210864	209602	0.73	cps
Barium	135-1	5076637	5142615	5185476	5134909	1.07	cps
Barium	137-1	9367823	9240112	9495188	9367708	1.36	cps
Beryllium	9-1	986743	987914	998013	990890	0.63	cps
Bismuth	209-1	4587745	4715468	4719859	4674358	1.61	cps
Bismuth	209-2	3239095	3241443	3188236	3222925	0.93	cps
Boron	10-1	128272	130541	135694	131502	2.89	cps
Boron	11-1	616384	634182	645001	631855	2.29	cps
Bromine	81-1	25565	28687	30332	28195	8.59	cps
Bromine	81-2	3885	4035	4485	4135	7.56	cps
Cadmium	111-1	1069017	1072127	1079268	1073471	0.49	cps
Cadmium	106-1	125324	123130	124920	124458	0.94	cps
Cadmium	108-1	81196	81100	83531	81942	1.68	cps
Calcium	43-1	2062390	2068099	2093914	2074801	0.81	cps
Calcium	44-1	31861190	32364125	32848180	32357832	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1959422	1981785	2002495	1981234	1.09	cps
Cobalt	59-2	3027199	3084823	3109767	3073930	1.38	cps
Copper	63-2	26630023	26629169	26773543	26677578	0.31	cps
Dysprosium	156-1	400	358	342	367	8.19	cps
Dysprosium	156-2	333	287	320	313	7.67	cps
Erbium	164-1	150	267	258	225	28.93	cps
Erbium	164-2	107	167	97	123	30.70	cps
Gadolinium	160-1	308	367	342	339	8.63	cps
Gadolinium	160-2	390	317	347	351	10.50	cps
Holmium	165-1	8626074	8817640	8832102	8758605	1.31	cps
Holmium	165-2	5352510	5312906	5205873	5290429	1.43	cps
Indium	115-1	6381817	6396984	6408127	6395643	0.21	cps
Indium	115-2	1872879	1872306	1824866	1856684	1.48	cps
Iron	56-2	91953599	92832844	92257910	92348118	0.48	cps
Iron	57-2	2174985	2199189	2231843	2202006	1.30	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4936210	5004309	5008949	4983156	0.82	cps
Krypton	83-1	693	720	717	710	2.05	cps
Lead	206-1	19629288	19858667	20017697	19835217	0.98	cps
Lead	207-1	16896422	17282622	17343805	17174283	1.41	cps
Lead	208-1	78268178	78931971	79284081	78828077	0.65	cps
Lithium	6-1	1885625	1924375	1930181	1913394	1.27	cps
Magnesium	24-2	25867584	26058507	26163728	26029939	0.58	cps
Manganese	55-2	15373907	15669394	15573050	15538784	0.97	cps
Molybdenum	94-1	9005697	9150019	9145116	9100277	0.90	cps
Molybdenum	95-1	10993702	11053604	11249612	11098973	1.21	cps
Molybdenum	96-1	12142284	12253488	12343792	12246522	0.82	cps
Molybdenum	97-1	6881384	6944463	7037327	6954391	1.13	cps
Molybdenum	98-1	17645712	17797658	17879101	17774157	0.67	cps
Neodymium	150-1	513	513	547	524	3.67	cps
Neodymium	150-2	113	77	113	101	20.94	cps
Nickel	60-2	776350	784430	786627	782469	0.69	cps
Phosphorus	31-2	900	950	1008	953	5.69	cps
Potassium	39-2	10703799	10823737	10982623	10836720	1.29	cps
Rhodium	103-1	5474284	5609258	5620113	5567885	1.46	cps
Rhodium	103-2	3445445	3406636	3344401	3398828	1.50	cps
Scandium	45-1	3918500	4042430	4061082	4007337	1.93	cps
Scandium	45-2	322833	317690	315612	318711	1.17	cps
Selenium	82-1	64188	64549	65829	64855	1.33	cps
Selenium	77-2	5354	5541	5334	5410	2.11	cps
Selenium	78-2	17902	18215	18352	18156	1.27	cps
Silicon	28-1	29730824	30189574	30505626	30142008	1.29	cps
Silver	107-1	4662654	5292119	4955682	4970152	6.34	cps
Silver	109-1	4346710	4289009	4899022	4511580	7.46	cps
Sodium	23-2	56672914	57364061	56942630	56993202	0.61	cps
Strontium	86-1	14248574	14578529	14405457	14410853	1.15	cps
Strontium	88-1	123193553	125574199	126392419	125053390	1.33	cps
Sulfur	34-1	766895	756270	753622	758929	0.93	cps
Terbium	159-1	8702386	9043766	8925414	8890522	1.95	cps
Terbium	159-2	5350776	5348973	5206620	5302123	1.56	cps
Thallium	203-1	4235378	4307336	4345880	4296198	1.31	cps
Thallium	205-1	11322290	11518470	11566700	11469153	1.13	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	M4251-06A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:29:46	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	589	617	667	624	6.32	cps
Tin	118-1	3473414	3490733	3531009	3498385	0.84	cps
Titanium	47-1	3046446	3084950	3112784	3081393	1.08	cps
Uranium	238-1	13710129	14072033	14228890	14003684	1.90	cps
Vanadium	51-2	1679922	1687747	1704934	1690868	0.76	cps
Yttrium	89-1	10544509	10929268	10879074	10784283	1.94	cps
Yttrium	89-2	2433618	2404806	2350515	2396313	1.76	cps
Zinc	66-2	3309782	3363246	3380683	3351237	1.10	cps
Zirconium	90-1	7438488	7518694	7633338	7530174	1.30	cps
Zirconium	91-1	1608141	1610500	1646054	1621565	1.31	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10463274	10377054	10493343	10444557	0.58	cps
Antimony	121-1	4161414	4165230	4166932	4164525	0.07	cps
Arsenic	75-2	213613	213271	212373	213086	0.30	cps
Barium	135-1	5054689	5082060	5101409	5079386	0.46	cps
Barium	137-1	9262422	9347240	9325906	9311856	0.47	cps
Beryllium	9-1	979956	983681	988404	984014	0.43	cps
Bismuth	209-1	4532218	4591556	4520523	4548099	0.84	cps
Bismuth	209-2	3132461	3132761	3078796	3114673	1.00	cps
Boron	10-1	121340	123122	124079	122847	1.13	cps
Boron	11-1	575597	585238	593962	584932	1.57	cps
Bromine	81-1	12506	12155	11422	12028	4.60	cps
Bromine	81-2	501	440	470	470	6.38	cps
Cadmium	111-1	1126378	1131442	1131701	1129840	0.27	cps
Cadmium	106-1	129704	131647	131134	130828	0.77	cps
Cadmium	108-1	86842	86070	87265	86726	0.70	cps
Calcium	43-1	6813984	6759833	6745096	6772971	0.54	cps
Calcium	44-1	108321402	108220036	107984844	108175427	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1951509	1939222	1934786	1941839	0.45	cps
Cobalt	59-2	2933525	2928351	2942285	2934720	0.24	cps
Copper	63-2	22989069	22986350	23022888	22999436	0.09	cps
Dysprosium	156-1	825	858	1050	911	13.33	cps
Dysprosium	156-2	577	643	643	621	6.20	cps
Erbium	164-1	142	158	192	164	15.53	cps
Erbium	164-2	117	110	87	104	15.08	cps
Gadolinium	160-1	817	992	767	858	13.76	cps
Gadolinium	160-2	567	620	610	599	4.73	cps
Holmium	165-1	9071948	8949642	8864860	8962150	1.16	cps
Holmium	165-2	5326169	5330345	5345016	5333843	0.19	cps
Indium	115-1	6488903	6454869	6402288	6448686	0.68	cps
Indium	115-2	1846753	1838736	1839082	1841524	0.25	cps
Iron	56-2	448658388	443799477	446043977	446167280	0.55	cps
Iron	57-2	11049278	10999775	10974405	11007819	0.35	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	24246932	24179669	24026656	24151086	0.47	cps
Krypton	83-1	640	667	657	654	2.06	cps
Lead	206-1	18837996	18879711	18968774	18895493	0.35	cps
Lead	207-1	16163940	16331696	16200214	16231950	0.54	cps
Lead	208-1	74031683	74938635	74353968	74441429	0.62	cps
Lithium	6-1	1929933	1916275	1900154	1915454	0.78	cps
Magnesium	24-2	111003008	111455966	112781150	111746708	0.83	cps
Manganese	55-2	14617454	14561566	14674626	14617882	0.39	cps
Molybdenum	94-1	9353309	9324901	9410670	9362960	0.47	cps
Molybdenum	95-1	11585956	11454304	11362959	11467740	0.98	cps
Molybdenum	96-1	12694214	12624372	12605541	12641376	0.37	cps
Molybdenum	97-1	7174489	7147679	7183236	7168468	0.26	cps
Molybdenum	98-1	18153420	17888180	18198949	18080183	0.93	cps
Neodymium	150-1	460	487	547	498	8.92	cps
Neodymium	150-2	113	60	60	78	39.59	cps
Nickel	60-2	741915	740375	744556	742282	0.28	cps
Phosphorus	31-2	96964	95068	94556	95529	1.33	cps
Potassium	39-2	49564092	49155959	49868292	49529448	0.72	cps
Rhodium	103-1	5488678	5491095	5460762	5480178	0.31	cps
Rhodium	103-2	3301942	3307028	3298812	3302594	0.13	cps
Scandium	45-1	4124418	4112923	4103265	4113535	0.26	cps
Scandium	45-2	325587	323779	327415	325594	0.56	cps
Selenium	82-1	68566	68331	68771	68556	0.32	cps
Selenium	77-2	5558	5738	5471	5589	2.44	cps
Selenium	78-2	19012	18946	19452	19137	1.44	cps
Silicon	28-1	4088175	4261846	4305914	4218645	2.73	cps
Silver	107-1	5054457	5090680	5101861	5082333	0.49	cps
Silver	109-1	4795380	4840473	4826745	4820866	0.48	cps
Sodium	23-2	185046160	184182193	184726154	184651502	0.24	cps
Strontium	86-1	14106115	14294502	14146013	14182210	0.70	cps
Strontium	88-1	122197344	122498465	121853978	122183262	0.26	cps
Sulfur	34-1	960587	957842	960327	959586	0.16	cps
Terbium	159-1	9241525	9001395	9001402	9081441	1.53	cps
Terbium	159-2	5319723	5315415	5324781	5319973	0.09	cps
Thallium	203-1	4102678	4151151	4140250	4131360	0.62	cps
Thallium	205-1	10979006	11095608	11066658	11047091	0.55	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCV13	Instrumnet Name :	P7
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:32:41	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	15341161	15541587	15411198	15431315	0.66	cps
Tin	118-1	3444036	3469249	3493810	3469032	0.72	cps
Titanium	47-1	3167371	3143877	3168210	3159819	0.44	cps
Uranium	238-1	14003779	14005014	14094609	14034467	0.37	cps
Vanadium	51-2	1650010	1656443	1658071	1654842	0.26	cps
Yttrium	89-1	11231442	11296960	11161262	11229888	0.60	cps
Yttrium	89-2	2416116	2440644	2419039	2425266	0.55	cps
Zinc	66-2	3147830	3168370	3149501	3155234	0.36	cps
Zirconium	90-1	7803072	7815115	7780199	7799462	0.23	cps
Zirconium	91-1	1653880	1650866	1664466	1656404	0.43	cps

LB Number : LB116877 Operator : JASWAL
 Lab Sample ID : CCB13 Instrumnet Name : P7
 Client Sample ID : CCB13 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-17 20:42:55 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	244	228	261	244	6.82	cps
Antimony	121-1	708	633	675	672	5.59	cps
Arsenic	75-2	19	22	13	18	26.04	cps
Barium	135-1	100	92	50	81	33.25	cps
Barium	137-1	175	133	58	122	48.38	cps
Beryllium	9-1	257	193	233	228	14.06	cps
Bismuth	209-1	4308879	4830296	4929994	4689723	7.11	cps
Bismuth	209-2	3387084	3429829	3436097	3417670	0.78	cps
Boron	10-1	1700	1633	1558	1631	4.35	cps
Boron	11-1	8211	8294	8102	8202	1.17	cps
Bromine	81-1	8303	8728	8461	8497	2.53	cps
Bromine	81-2	90	100	50	80	33.07	cps
Cadmium	111-1	2893	3770	3497	3387	13.24	cps
Cadmium	106-1	4142	5376	5043	4854	13.15	cps
Cadmium	108-1	104	63	83	83	25.00	cps
Calcium	43-1	267	275	267	269	1.78	cps
Calcium	44-1	12789	12314	12681	12594	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1283	1343	1317	2.32	cps
Cobalt	59-2	100	107	77	94	16.68	cps
Copper	63-2	1380	1537	1623	1513	8.15	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	40	47	37	41	12.39	cps
Gadolinium	160-1	108	67	50	75	40.06	cps
Gadolinium	160-2	77	157	147	127	34.41	cps
Holmium	165-1	7852739	8728734	9126092	8569188	7.60	cps
Holmium	165-2	5425393	5456072	5468685	5450050	0.41	cps
Indium	115-1	6035095	6649427	6947689	6544070	7.11	cps
Indium	115-2	1974800	2005497	1994297	1991531	0.78	cps
Iron	56-2	10737	11115	10921	10925	1.73	cps
Iron	57-2	533	478	656	556	16.37	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:42:55	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2122	1942	1902	1989	5.90	cps
Krypton	83-1	610	747	733	697	10.82	cps
Lead	206-1	2534	2528	2511	2524	0.46	cps
Lead	207-1	2195	2089	2000	2095	4.65	cps
Lead	208-1	9891	9752	9346	9663	2.93	cps
Lithium	6-1	1756588	1935693	1955230	1882504	5.82	cps
Magnesium	24-2	1022	967	1000	996	2.81	cps
Manganese	55-2	277	287	333	299	10.12	cps
Molybdenum	94-1	425	450	375	417	9.16	cps
Molybdenum	95-1	325	258	267	283	12.82	cps
Molybdenum	96-1	383	283	325	331	15.20	cps
Molybdenum	97-1	117	100	125	114	11.18	cps
Molybdenum	98-1	367	458	292	372	22.43	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	133	143	117	131	10.28	cps
Phosphorus	31-2	667	725	567	653	12.27	cps
Potassium	39-2	90601	92369	92244	91738	1.08	cps
Rhodium	103-1	5553895	6324356	6482360	6120204	8.12	cps
Rhodium	103-2	3668206	3678499	3664478	3670394	0.20	cps
Scandium	45-1	3608686	4082968	4213813	3968489	8.02	cps
Scandium	45-2	327929	327073	337744	330915	1.79	cps
Selenium	82-1	67	-16	-32	6	852.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	120	154	107	127	18.78	cps
Silicon	28-1	477108	474948	481334	477796	0.68	cps
Silver	107-1	1608	792	708	1036	48.00	cps
Silver	109-1	1492	642	5615	2583	102.99	cps
Sodium	23-2	63277	66881	65263	65140	2.77	cps
Strontium	86-1	1267	1067	1108	1147	9.20	cps
Strontium	88-1	1833	1183	1008	1342	32.40	cps
Sulfur	34-1	551574	552964	550218	551586	0.25	cps
Terbium	159-1	8044979	9015144	9235302	8765142	7.23	cps
Terbium	159-2	5435420	5387546	5418934	5413966	0.45	cps
Thallium	203-1	500	392	467	453	12.26	cps
Thallium	205-1	1183	1125	1000	1103	8.49	cps

LB Number :	LB116877	Operator :	JASWAL
Lab Sample ID :	CCB13	Instrumnet Name :	P7
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2021-10-17 20:42:55	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	589	383	483	485	21.19	cps
Tin	118-1	1742	2084	1884	1903	9.02	cps
Titanium	47-1	183	175	125	161	19.58	cps
Uranium	238-1	175	117	100	131	30.17	cps
Vanadium	51-2	20	30	23	24	20.83	cps
Yttrium	89-1	9795399	11311159	11343144	10816567	8.18	cps
Yttrium	89-2	2509224	2522443	2457194	2496287	1.38	cps
Zinc	66-2	825	708	826	786	8.59	cps
Zirconium	90-1	808	983	1017	936	11.95	cps
Zirconium	91-1	75	158	183	139	40.84	cps