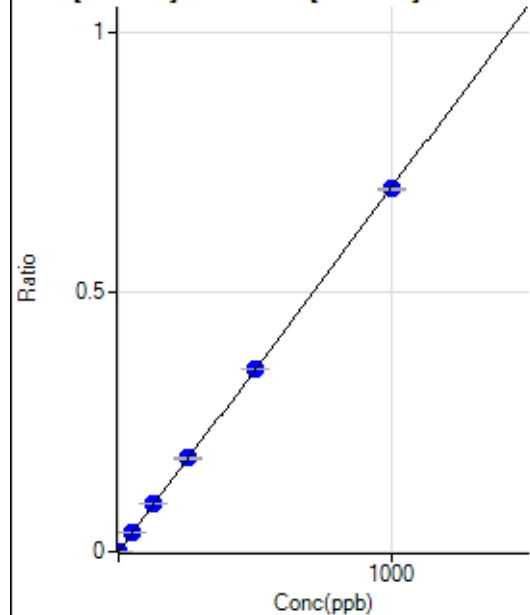


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7092021MS.b\
Analysis File: P7092021MS.batch.bin
DA Date-Time: 2021-09-20 18:40:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2021-09-20 16:27:56
2	004CALS.d	S02	2021-09-20 16:34:15
3	005CALS.d	S03	2021-09-20 16:37:24
4	006CALS.d	S04	2021-09-20 16:40:33
5	007CALS.d	S05	2021-09-20 16:43:40
6	008CALS.d	S06	2021-09-20 16:46:45
7	009CALS.d	S07	2021-09-20 16:49:46
8	010CALS.d	S08	2021-09-20 16:52:44

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	24.9
2	☐	1.000	1.075	1590.85	0.0008	P	1.3
3	☐	50.000	51.376	74734.54	0.0361	P	1.4
4	☐	125.000	131.847	187092.72	0.0927	P	1.3
5	☐	250.000	256.071	353503.80	0.1799	P	0.8
6	☐	500.000	502.802	651656.59	0.3533	P	0.3
7	☐	1000.000	996.157	1182244.17	0.7000	P	0.4
8	☐			237.04	0.0001	P	30.0

$$y = 7.0266\text{E-}004 * x + 1.0799\text{E-}005$$

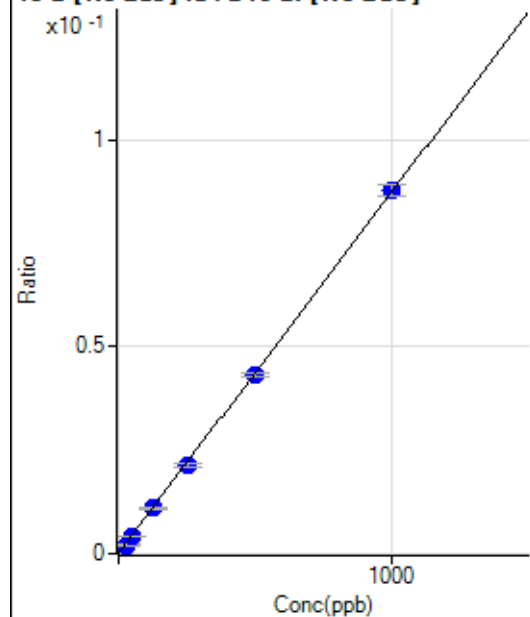
$$R = 1.0000$$

$$DL = 0.0115$$

$$BEC = 0.01537$$

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	183.34	0.0001	P	27.7
2	☐	25.000	22.674	4289.61	0.0021	P	4.3
3	☐	50.000	49.065	9036.22	0.0044	P	1.2
4	☐	125.000	125.920	22341.99	0.0111	P	4.3
5	☐	250.000	244.800	42086.71	0.0214	P	4.4
6	☐	500.000	494.161	79608.60	0.0432	P	2.2
7	☐	1000.000	1004.209	147989.22	0.0876	P	3.2
8	☐			5437.23	0.0032	P	13.7

$$y = 8.7173\text{E-}005 * x + 8.9100\text{E-}005$$

$$R = 1.0000$$

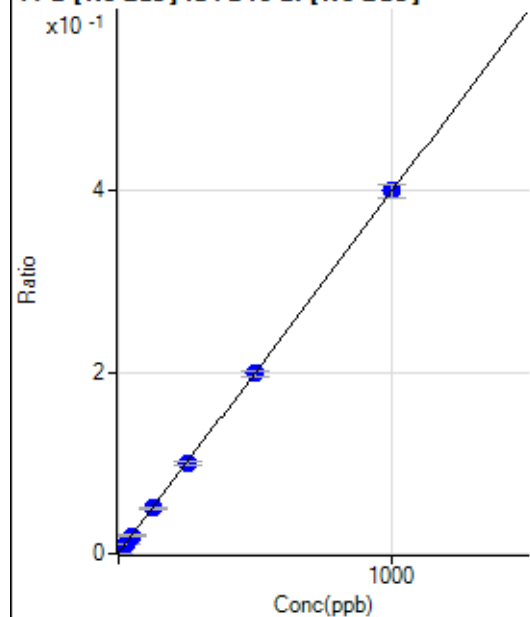
$$DL = 0.8482$$

$$BEC = 1.022$$

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	869.49	0.0004	P	13.0
2	☐	25.000	24.207	20898.15	0.0101	P	1.5
3	☐	50.000	49.247	41460.10	0.0200	P	4.7
4	☐	125.000	126.046	102204.96	0.0506	P	4.0
5	☐	250.000	248.991	195599.15	0.0996	P	4.0
6	☐	500.000	496.435	365387.63	0.1981	P	3.4
7	☐	1000.000	1001.961	674598.30	0.3995	P	3.8
8	☐			25216.12	0.0148	P	11.6

$$y = 3.9826E-004 * x + 4.2256E-004$$

$$R = 1.0000$$

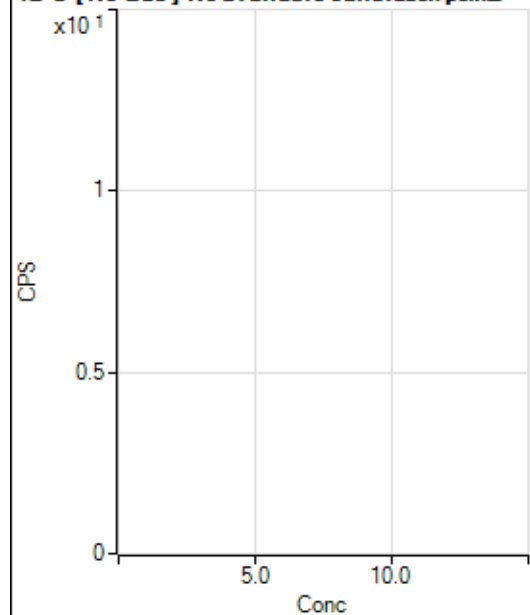
$$DL = 0.4148$$

$$BEC = 1.061$$

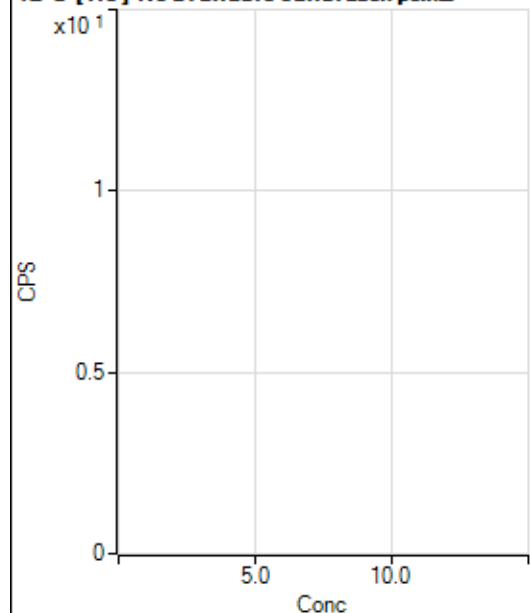
Weight: <None>

Min Conc: 0

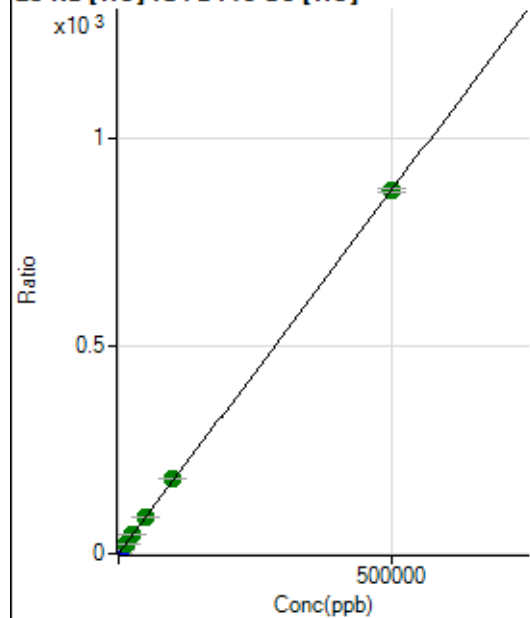
12 C [No Gas] No available calibration points



	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	4895.38	0.0209	P	4.5
2	☐	500.000	519.186	221635.26	0.9281	P	2.2
3	☐	5000.000	5333.216	2191784.45	9.3396	P	0.6
4	☐	12500.000	13273.717	5344673.91	23.2139	A	0.4
5	☐	25000.000	26212.074	10173647.28	45.8209	A	0.4
6	☐	50000.000	51425.912	18427042.08	89.8767	A	0.1
7	☐	100000.00	103074.02	34723081.68	180.1207	A	0.4
8	☐	500000.00	499159.30	188141658.3	872.1949	A	1.1

$$y = 0.0017 * x + 0.0209$$

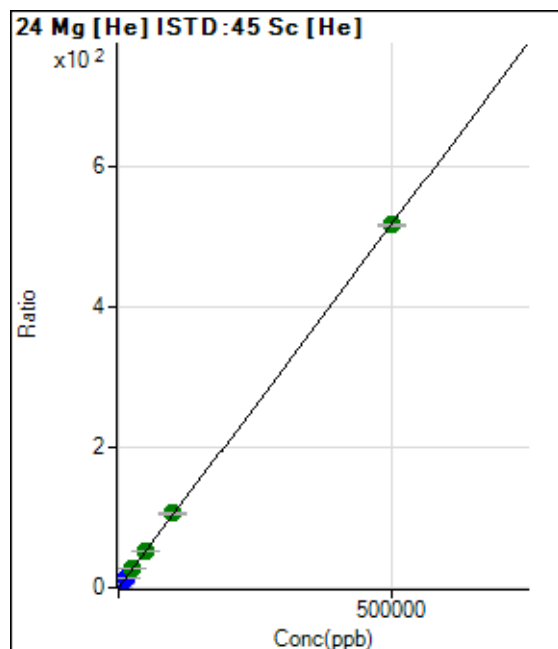
$$R = 1.0000$$

$$DL = 1.623$$

$$BEC = 11.98$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0006	P	28.4
2	☐	500.000	513.921	127386.47	0.5334	P	2.5
3	☐	5000.000	5351.928	1302407.50	5.5498	P	0.2
4	☐	12500.000	13696.973	3269870.39	14.2024	P	0.1
5	☐	25000.000	26023.391	5990927.39	26.9832	A	0.8
6	☐	50000.000	51409.041	10928804.67	53.3046	A	0.3
7	☐	100000.00	102050.60	20398308.79	105.8129	A	0.4
8	☐	500000.00	499364.34	111688342.7	517.7720	A	0.2

$$y = 0.0010 * x + 5.5817E-004$$

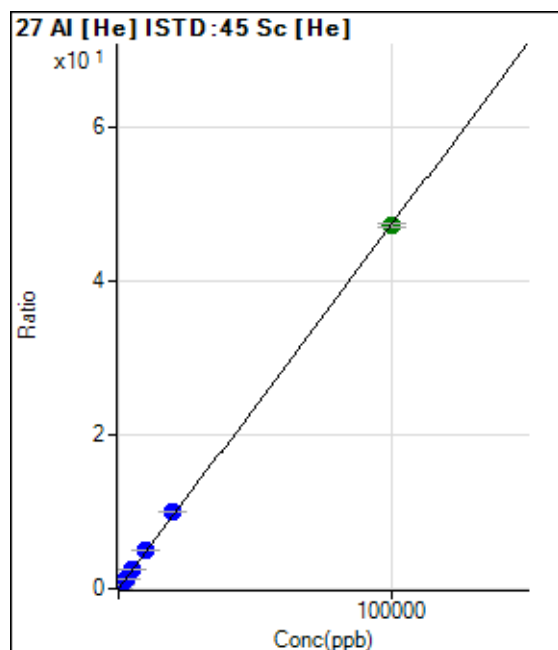
$$R = 1.0000$$

$$DL = 0.4588$$

$$BEC = 0.5383$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0005	P	49.2
2	☐	20.000	21.513	2561.40	0.0107	P	5.0
3	☐	1000.000	1088.895	121032.87	0.5157	P	0.9
4	☐	2500.000	2778.945	302838.87	1.3154	P	1.1
5	☐	5000.000	5442.789	571883.70	2.5757	P	0.1
6	☐	10000.000	10691.511	1037250.62	5.0591	P	0.0
7	☐	20000.000	21239.422	1937364.32	10.0498	P	0.4
8	☐	100000.00	99652.962	10170849.53	47.1503	A	1.0

$$y = 4.7314E-004 * x + 5.4618E-004$$

$$R = 0.9999$$

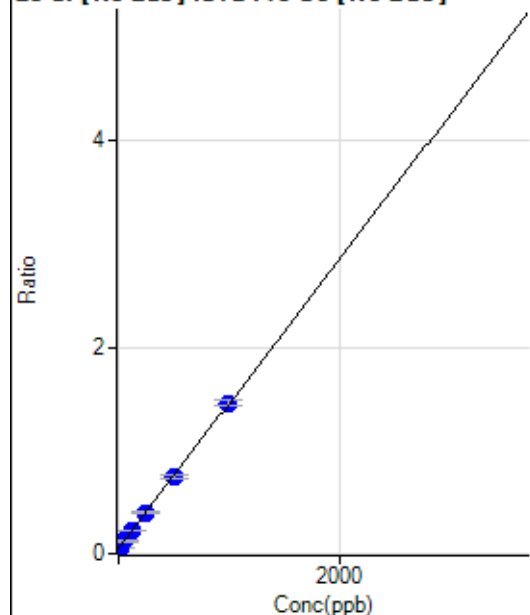
$$DL = 1.705$$

$$BEC = 1.154$$

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	181988.04	0.0529	P	2.8
2	☐	10.000	7.233	217115.33	0.0630	P	1.2
3	☐	50.000	48.847	415992.82	0.1213	P	2.9
4	☐	125.000	121.088	741373.75	0.2224	P	3.5
5	☐	250.000	244.760	1277055.98	0.3955	P	4.9
6	☐	500.000	493.145	2230088.09	0.7432	P	5.1
7	☐	1000.000	1005.312	3961265.37	1.4602	P	3.3
8	☐			333145.51	0.1205	P	2.7

$$y = 0.0014 * x + 0.0529$$

$$R = 1.0000$$

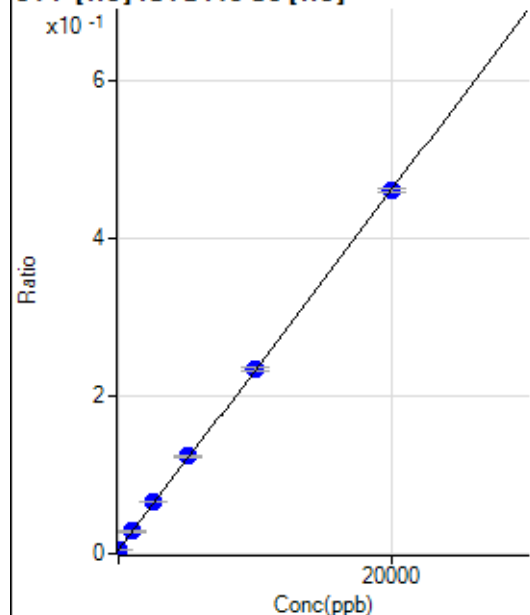
$$DL = 3.139$$

$$BEC = 37.79$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	20.028	1375.10	0.0059	P	3.1
2	☐	0.000	-20.028	1186.20	0.0050	P	10.7
3	☐	1000.000	1002.401	6648.85	0.0283	P	5.7
4	☐	2500.000	2618.222	15024.59	0.0653	P	0.9
5	☐	5000.000	5181.109	27495.18	0.1238	P	2.0
6	☐	10000.000	10027.390	48100.10	0.2346	P	1.2
7	☐	20000.000	19926.130	88829.79	0.4608	P	1.1
8	☐			1022.29	0.0047	P	4.0

$$y = 2.2853E-005 * x + 0.0054$$

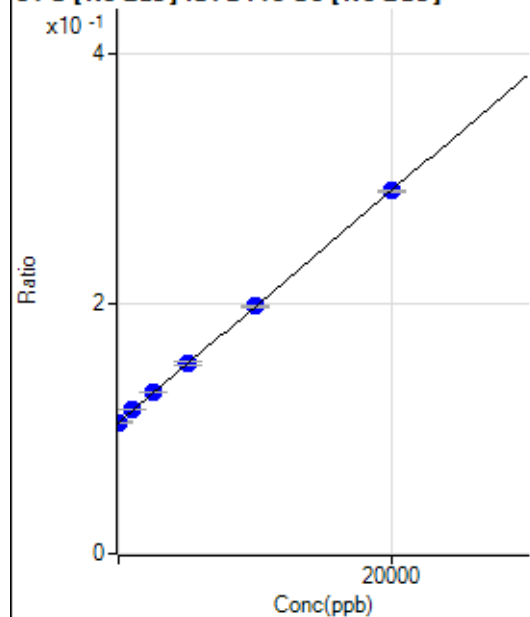
$$R = 0.9999$$

$$DL = 47.17$$

$$BEC = 237.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-4.618	361926.86	0.1052	P	0.7
2	☐	0.000	4.618	362707.40	0.1053	P	0.4
3	☐	1000.000	1132.161	397098.75	0.1158	P	0.3
4	☐	2500.000	2650.771	433024.04	0.1299	P	0.4
5	☐	5000.000	5061.117	491798.13	0.1523	P	1.4
6	☐	10000.000	10010.885	595410.16	0.1983	P	0.5
7	☐	20000.000	19953.824	788747.25	0.2907	P	0.5
8	☐			289070.81	0.1046	P	3.0

$$y = 9.2942\text{E-}006 * x + 0.1053$$

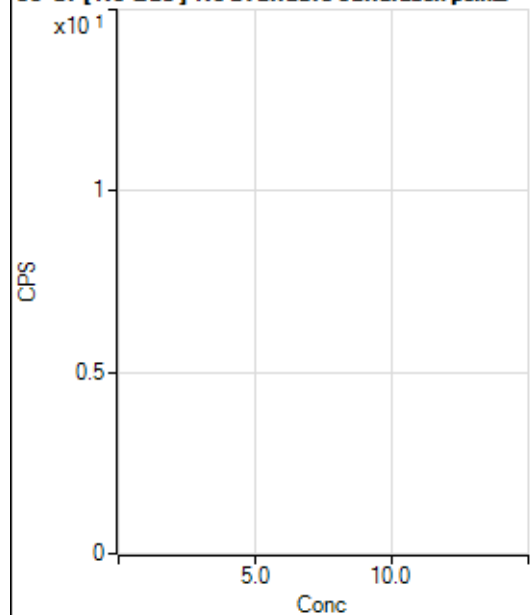
$$R = 1.0000$$

$$DL = 182.1$$

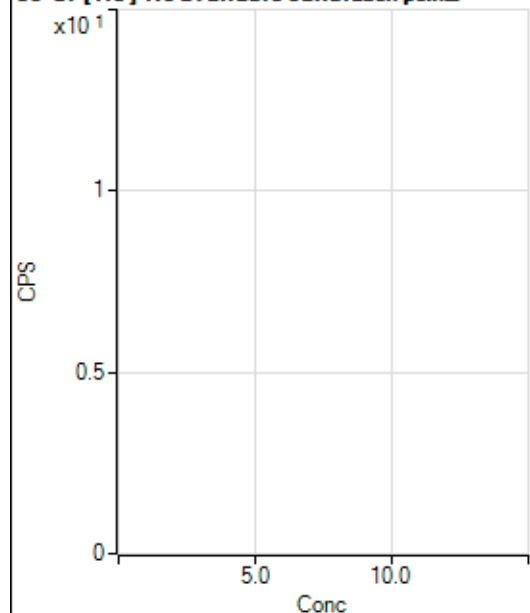
$$BEC = 1.132\text{E}+04$$

Weight: <None>

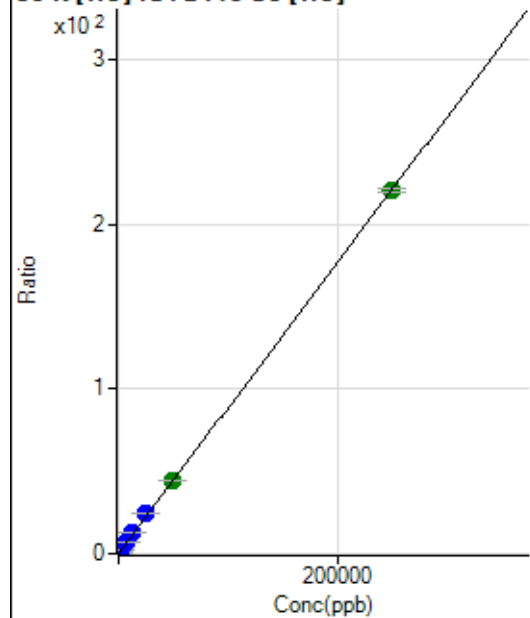
Min Conc: 0

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	28616.99	0.1224	P	2.5
2	☐	500.000	531.047	141179.15	0.5912	P	1.7
3	☐	2500.000	2811.386	611100.55	2.6040	P	1.1
4	☐	6250.000	7155.894	1482447.04	6.4389	P	0.2
5	☐	12500.000	13992.968	2769547.76	12.4739	P	0.2
6	☐	25000.000	27419.776	4987361.87	24.3257	P	0.2
7	☐	50000.000	49704.392	8481474.75	43.9962	A	0.5
8	☐	250000.00	249716.67	47574620.85	220.5462	A	1.0

$$y = 8.8270E-004 * x + 0.1224$$

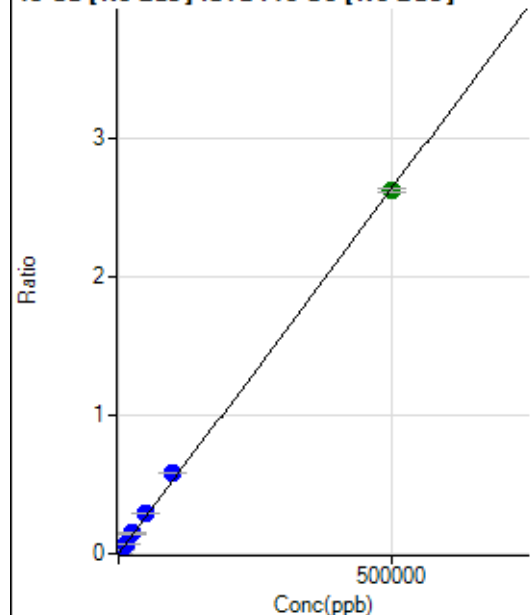
$$R = 0.9999$$

$$DL = 10.28$$

$$BEC = 138.7$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	18.2
2	☐	500.000	548.276	10123.16	0.0029	P	1.1
3	☐	5000.000	5576.612	101076.60	0.0295	P	0.3
4	☐	12500.000	14167.143	249341.77	0.0748	P	1.4
5	☐	25000.000	27691.780	471988.59	0.1462	P	0.8
6	☐	50000.000	54711.285	866855.69	0.2887	P	0.7
7	☐	100000.00	110521.15	1582260.53	0.5832	P	0.5
8	☐	500000.00	497242.56	7250228.46	2.6235	A	1.0

$$y = 5.2761\text{E-}006 * x + 4.5980\text{E-}005$$

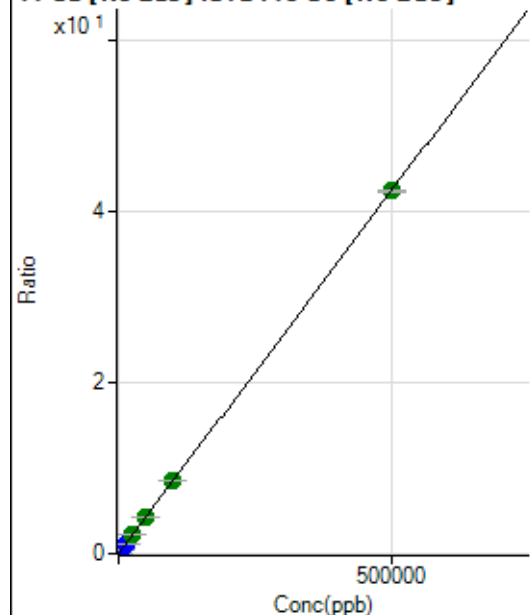
$$R = 0.9997$$

$$DL = 4.762$$

$$BEC = 8.715$$

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	5045.45	0.0015	P	6.6
2	☐	500.000	527.333	158889.43	0.0461	P	0.7
3	☐	5000.000	5502.695	1603406.84	0.4675	P	0.6
4	☐	12500.000	14045.601	3970360.20	1.1910	P	0.8
5	☐	25000.000	25279.465	6918656.23	2.1423	A	0.8
6	☐	50000.000	49844.475	12676994.90	4.2227	A	1.1
7	☐	100000.00	101168.47	23249180.73	8.5692	A	1.3
8	☐	500000.00	499724.18	116975805.3	42.3218	A	0.8

$$y = 8.4687\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

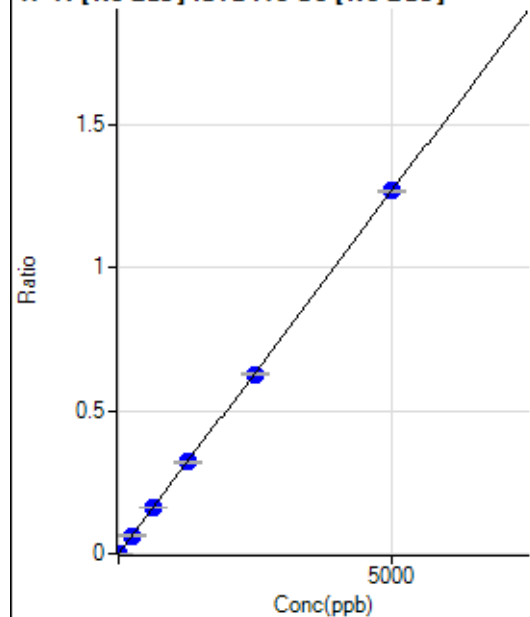
$$DL = 3.443$$

$$BEC = 17.32$$

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	36.11	0.0000	P	48.0
2	☐	5.000	5.046	4442.45	0.0013	P	6.0
3	☐	250.000	251.538	218739.37	0.0638	P	0.4
4	☐	625.000	644.680	544833.81	0.1634	P	1.3
5	☐	1250.000	1261.712	1032916.57	0.3198	P	1.1
6	☐	2500.000	2478.031	1885941.10	0.6282	P	0.7
7	☐	5000.000	5005.520	3442729.72	1.2689	P	0.3
8	☐			661.14	0.0002	P	19.5

$$y = 2.5349E-004 * x + 1.0506E-005$$

$$R = 1.0000$$

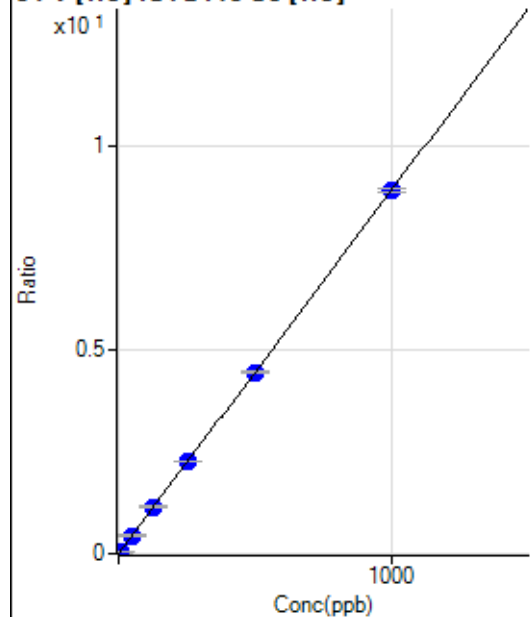
$$DL = 0.05972$$

$$BEC = 0.04145$$

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	2.22	0.0000	P	86.6
2	☐	5.000	5.008	10668.38	0.0447	P	2.3
3	☐	50.000	50.168	105006.20	0.4475	P	0.8
4	☐	125.000	129.399	265710.82	1.1541	P	0.6
5	☐	250.000	255.307	505570.78	2.2771	P	0.6
6	☐	500.000	499.814	913894.07	4.4578	P	1.0
7	☐	1000.000	998.208	1716234.80	8.9029	P	1.1
8	☐			217.78	0.0010	P	24.4

$$y = 0.0089 * x + 9.5332E-006$$

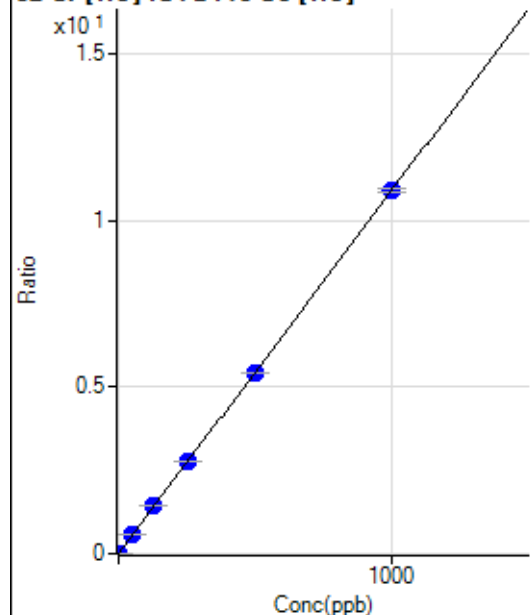
$$R = 1.0000$$

$$DL = 0.002777$$

$$BEC = 0.001069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	637.80	0.0027	P	8.0
2	☐	2.000	2.024	5919.02	0.0248	P	2.8
3	☐	50.000	51.068	131254.18	0.5593	P	0.9
4	☐	125.000	131.364	330247.09	1.4344	P	0.6
5	☐	250.000	254.418	616250.60	2.7755	P	0.7
6	☐	500.000	497.036	1111144.12	5.4197	P	0.4
7	☐	1000.000	999.529	2100483.46	10.8962	P	1.1
8	☐			7684.28	0.0356	P	2.4

$$y = 0.0109 * x + 0.0027$$

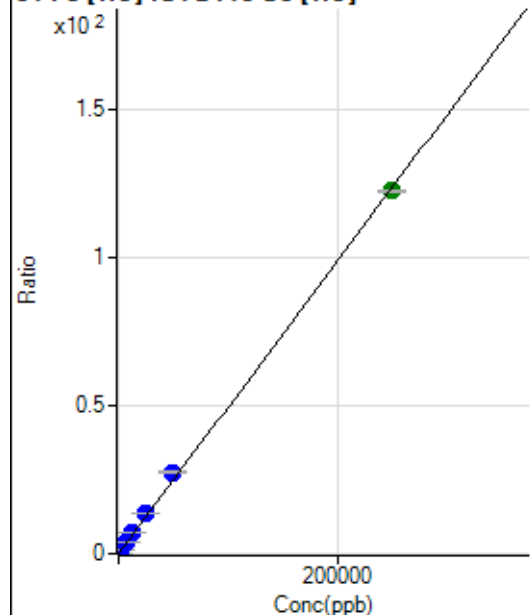
R = 1.0000

DL = 0.05971

BEC = 0.2503

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	680.72	0.0029	P	17.8
2	☐	50.000	55.428	7229.21	0.0303	P	3.8
3	☐	2500.000	2839.262	329586.17	1.4044	P	0.7
4	☐	6250.000	7288.704	829010.18	3.6007	P	0.1
5	☐	12500.000	14263.849	1563914.19	7.0438	P	0.2
6	☐	25000.000	28068.448	2841122.14	13.8579	P	0.6
7	☐	50000.000	55845.869	5314565.94	27.5693	P	1.3
8	☐	250000.00	248406.42	26450258.70	122.6201	A	0.6

$$y = 4.9362E-004 * x + 0.0029$$

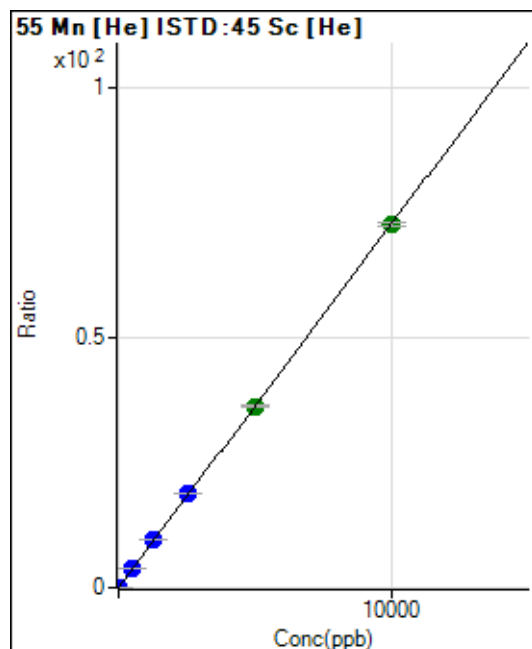
R = 0.9997

DL = 3.142

BEC = 5.895

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0003	P	14.0
2	☐	1.000	1.082	1950.15	0.0082	P	3.6
3	☐	500.000	518.298	886813.45	3.7788	P	0.5
4	☐	1250.000	1330.819	2233814.39	9.7024	P	0.1
5	☐	2500.000	2601.488	4210995.01	18.9660	P	0.3
6	☐	5000.000	4984.666	7450249.47	36.3402	A	0.9
7	☐	10000.000	9971.278	14013458.54	72.6942	A	1.1
8	☐			14529.50	0.0674	P	1.4

$$y = 0.0073 * x + 2.8023E-004$$

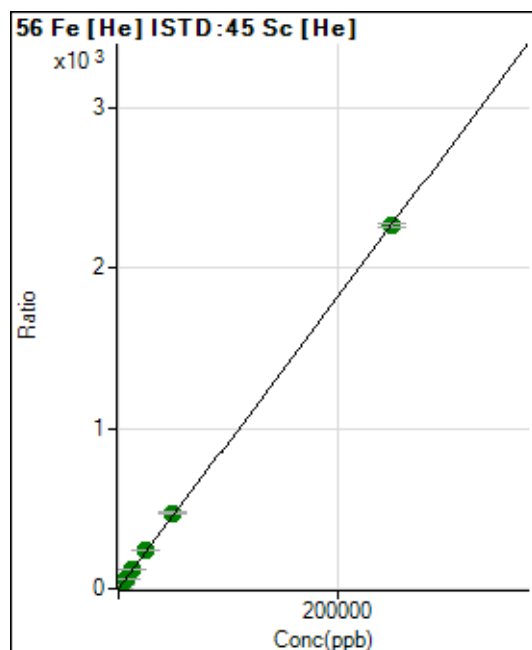
$$R = 0.9999$$

$$DL = 0.0161$$

$$BEC = 0.03844$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3357.85	0.0144	P	3.7
2	☐	50.000	55.134	123048.59	0.5153	P	1.1
3	☐	2500.000	2639.122	5629997.99	23.9905	A	0.7
4	☐	6250.000	6744.050	14109335.39	61.2833	A	0.7
5	☐	12500.000	13096.141	26420013.09	118.9914	A	1.0
6	☐	25000.000	26106.688	48629236.74	237.1907	A	0.4
7	☐	50000.000	52133.638	91305665.93	473.6427	A	1.2
8	☐	250000.00	249419.05	488785744.2	2,265.958	A	1.0

$$y = 0.0091 * x + 0.0144$$

$$R = 1.0000$$

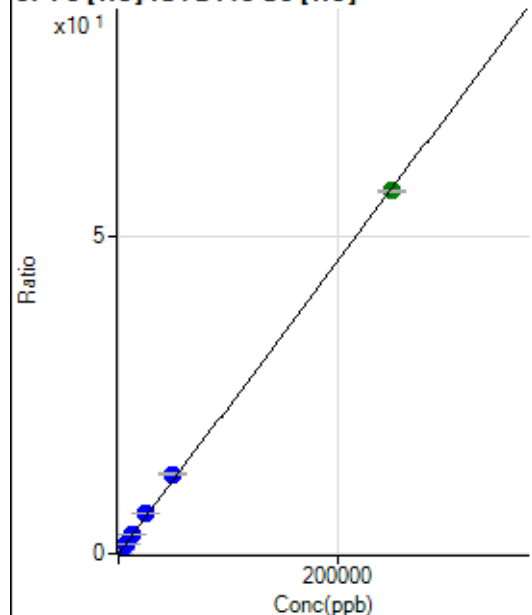
$$DL = 0.1758$$

$$BEC = 1.581$$

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	159.26	0.0007	P	31.2
2	☐	50.000	57.984	3339.32	0.0140	P	1.4
3	☐	2500.000	2757.003	148584.80	0.6331	P	0.7
4	☐	6250.000	7053.576	372697.95	1.6188	P	0.5
5	☐	12500.000	13680.866	696971.79	3.1391	P	0.3
6	☐	25000.000	27171.093	1278068.89	6.2338	P	0.2
7	☐	50000.000	54494.947	2410018.02	12.5020	P	1.3
8	☐	250000.00	248802.19	12311839.28	57.0765	A	0.5

$$y = 2.2940\text{E-}004 * x + 6.8115\text{E-}004$$

$$R = 0.9998$$

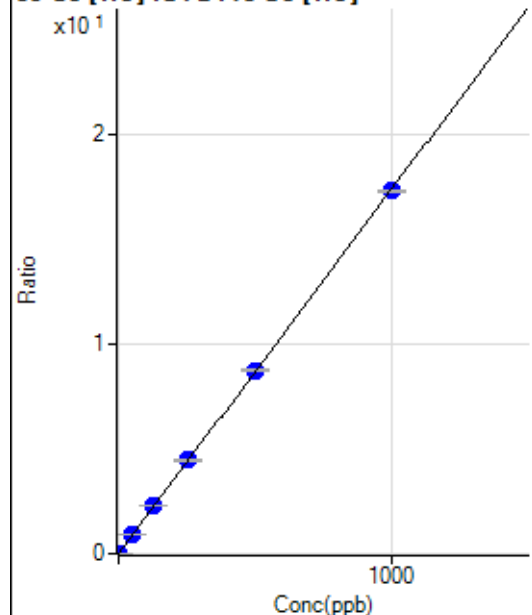
$$DL = 2.777$$

$$BEC = 2.969$$

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	35.56	0.0002	P	13.5
2	☐	1.000	1.032	4322.90	0.0181	P	3.4
3	☐	50.000	51.673	210963.35	0.8990	P	0.6
4	☐	125.000	132.856	532073.79	2.3110	P	0.5
5	☐	250.000	256.663	991251.38	4.4645	P	0.6
6	☐	500.000	502.725	1792753.67	8.7445	P	0.7
7	☐	1000.000	995.906	3339435.23	17.3229	P	0.5
8	☐			9536.50	0.0442	P	1.7

$$y = 0.0174 * x + 1.5197\text{E-}004$$

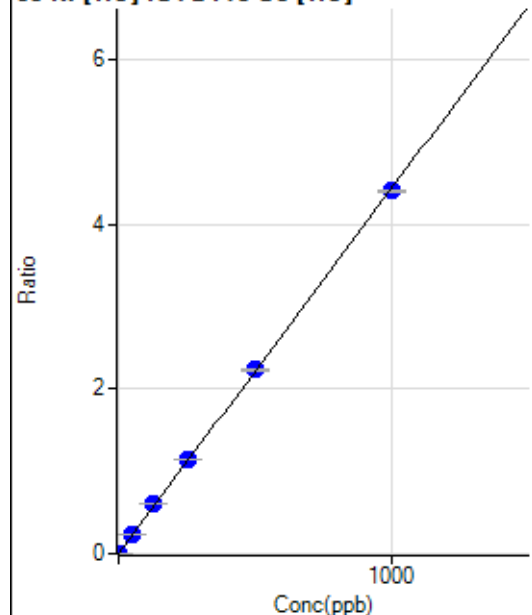
$$R = 0.9999$$

$$DL = 0.003541$$

$$BEC = 0.008737$$

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	75.55	0.0003	P	22.9
2	☐	1.000	1.035	1174.51	0.0049	P	6.4
3	☐	50.000	52.630	54911.02	0.2340	P	0.7
4	☐	125.000	135.498	138574.16	0.6019	P	0.7
5	☐	250.000	259.771	256131.99	1.1536	P	0.4
6	☐	500.000	505.009	459711.15	2.2424	P	1.2
7	☐	1000.000	993.609	850447.48	4.4116	P	0.8
8	☐			3784.97	0.0175	P	1.2

$$y = 0.0044 * x + 3.2346E-004$$

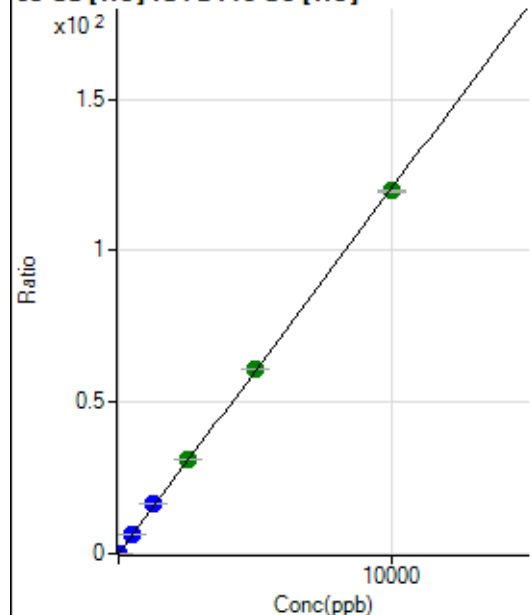
$$R = 0.9999$$

$$DL = 0.05004$$

$$BEC = 0.07286$$

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	387.79	0.0017	P	10.8
2	☐	2.000	2.015	6195.80	0.0259	P	1.8
3	☐	500.000	537.451	1520719.49	6.4801	P	0.5
4	☐	1250.000	1367.161	3794543.69	16.4813	P	0.2
5	☐	2500.000	2589.096	6929631.08	31.2104	A	0.3
6	☐	5000.000	5052.360	12486032.31	60.9024	A	0.6
7	☐	10000.000	9935.028	23086572.99	119.7577	A	0.4
8	☐			5812.32	0.0269	P	3.4

$$y = 0.0121 * x + 0.0017$$

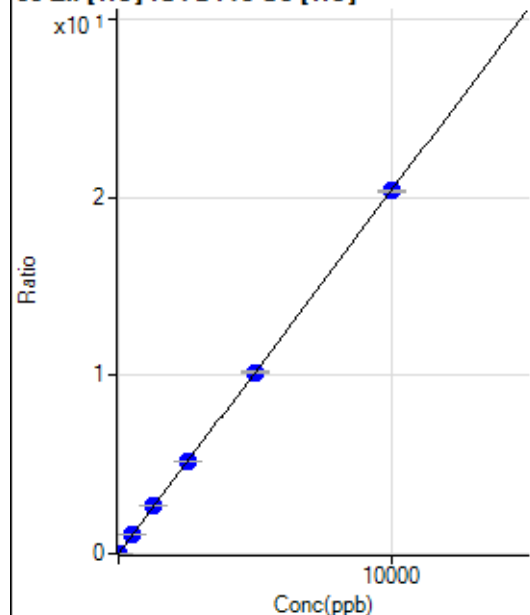
$$R = 0.9999$$

$$DL = 0.0447$$

$$BEC = 0.1376$$

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	775.58	0.0033	P	5.7
2	☐	2.000	1.453	1498.98	0.0063	P	5.9
3	☐	500.000	510.136	244750.96	1.0429	P	0.4
4	☐	1250.000	1301.661	611486.74	2.6560	P	0.9
5	☐	2500.000	2522.324	1142005.96	5.1436	P	0.4
6	☐	5000.000	4998.323	2088958.51	10.1894	P	0.9
7	☐	10000.000	9988.293	3924607.37	20.3585	P	0.7
8	☐			7315.23	0.0339	P	3.2

$$y = 0.0020 * x + 0.0033$$

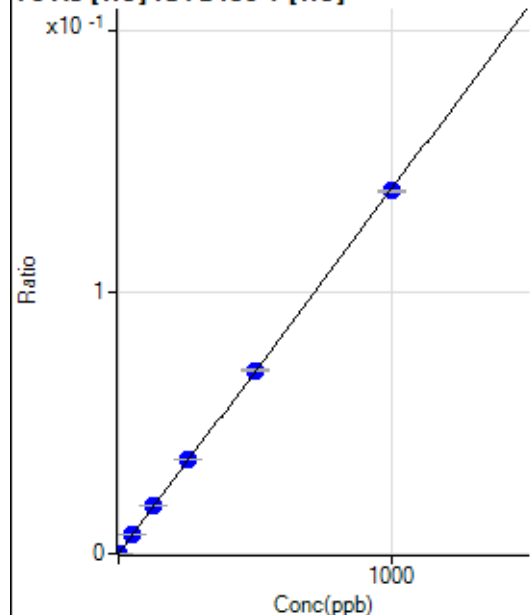
$$R = 1.0000$$

$$DL = 0.2783$$

$$BEC = 1.627$$

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	1.23	0.0000	P	86.6
2	☐	1.000	1.016	278.40	0.0001	P	3.9
3	☐	50.000	51.450	13902.34	0.0072	P	0.5
4	☐	125.000	132.445	35202.24	0.0185	P	0.5
5	☐	250.000	258.717	66449.28	0.0360	P	0.5
6	☐	500.000	503.409	120917.78	0.0701	P	0.3
7	☐	1000.000	995.113	226949.26	0.1386	P	0.4
8	☐			85.19	0.0000	P	13.8

$$y = 1.3931E-004 * x + 6.4294E-007$$

$$R = 0.9999$$

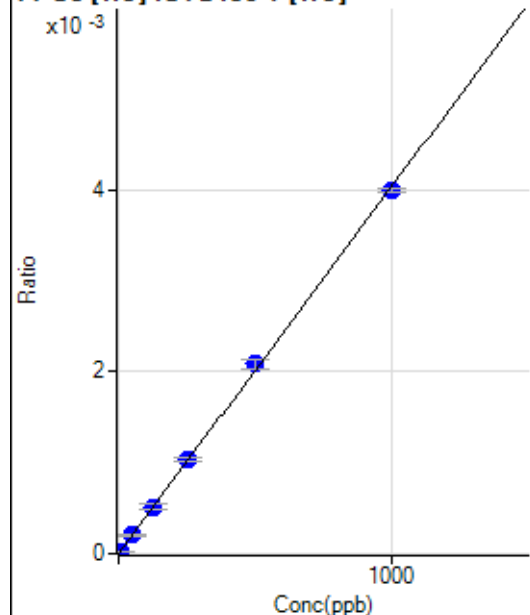
$$DL = 0.01199$$

$$BEC = 0.004615$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.500	43.33	0.0000	P	21.2
3	☐	50.000	51.336	401.12	0.0002	P	7.1
4	☐	125.000	127.837	982.27	0.0005	P	11.1
5	☐	250.000	255.985	1901.25	0.0010	P	3.5
6	☐	500.000	518.198	3599.37	0.0021	P	5.0
7	☐	1000.000	988.981	6522.64	0.0040	P	1.2
8	☐			2.22	0.0000	P	173.2

$$y = 4.0286\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

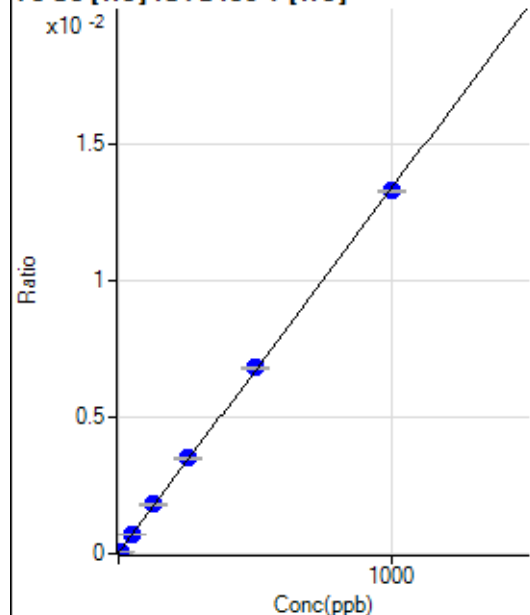
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59.26	0.0000	P	9.4
2	☐	5.000	5.268	198.15	0.0001	P	5.9
3	☐	50.000	50.553	1367.98	0.0007	P	4.7
4	☐	125.000	133.362	3452.90	0.0018	P	1.8
5	☐	250.000	259.068	6428.62	0.0035	P	0.7
6	☐	500.000	507.365	11723.27	0.0068	P	1.0
7	☐	1000.000	992.976	21736.63	0.0133	P	0.7
8	☐			59.88	0.0000	P	9.4

$$y = 1.3340\text{E-}005 * x + 3.0913\text{E-}005$$

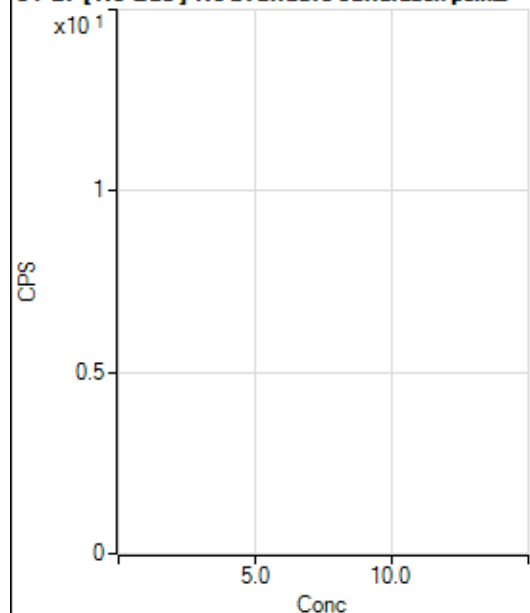
$$R = 0.9999$$

$$DL = 0.6524$$

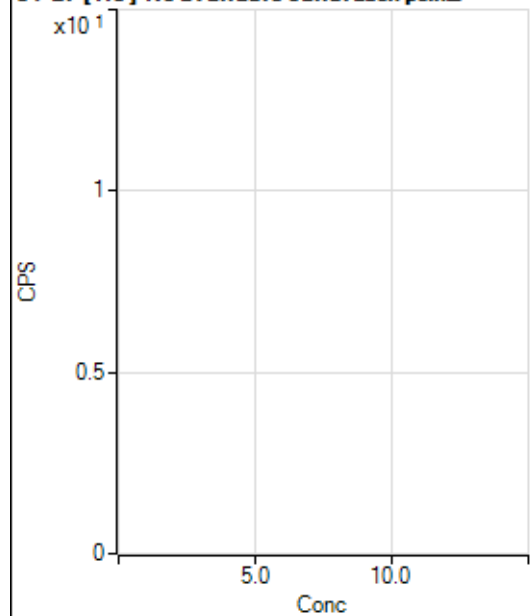
$$BEC = 2.317$$

Weight: <None>

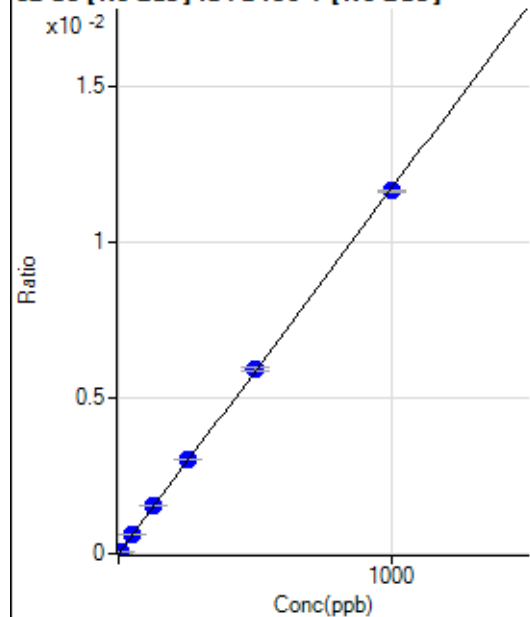
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6262.63		P	4.4
2	☐			6326.59		P	4.4
3	☐			5951.40		P	3.2
4	☐			5884.72		P	2.9
5	☐			5298.32		P	3.6
6	☐			5114.93		P	5.8
7	☐			4297.99		P	3.1
8	☐			4581.40		P	5.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.36		P	49.5
2	☐			43.38		P	48.0
3	☐			33.37		P	17.3
4	☐			36.70		P	31.5
5	☐			36.70		P	41.7
6	☐			50.05		P	40.0
7	☐			40.04		P	25.0
8	☐			93.43		P	37.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-8.69	0.0000	P	-750.
2	☐	5.000	5.661	628.97	0.0001	P	7.5
3	☐	50.000	53.306	5976.16	0.0006	P	2.1
4	☐	125.000	132.317	14608.69	0.0015	P	0.6
5	☐	250.000	258.068	27952.01	0.0030	P	0.3
6	☐	500.000	506.398	51695.53	0.0059	P	1.7
7	☐	1000.000	993.701	94315.34	0.0116	P	0.8
8	☐			-24.20	0.0000	P	-76.4

$$y = 1.1710\text{E-}005 * x - 9.2471\text{E-}007$$

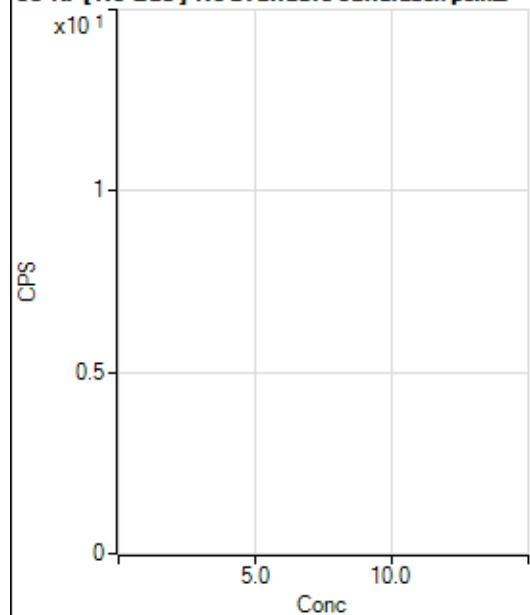
$$R = 0.9999$$

$$DL = 1.777$$

$$BEC = -0.07897$$

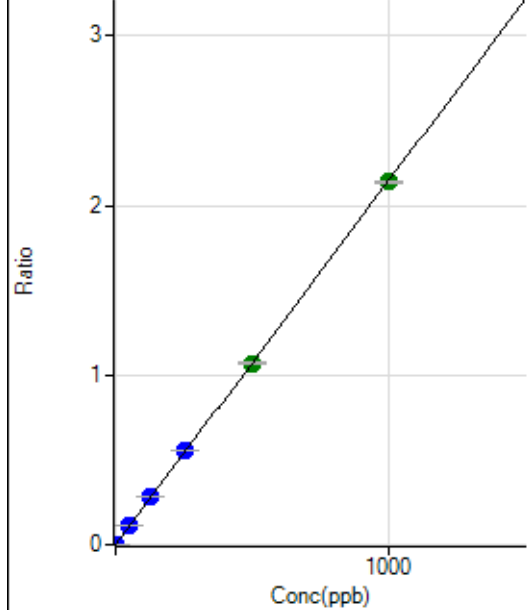
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			536.68		P	10.0
2	☐			523.35		P	14.6
3	☐			538.90		P	1.6
4	☐			547.79		P	3.0
5	☐			492.23		P	5.7
6	☐			483.35		P	4.2
7	☐			454.46		P	4.3
8	☐			460.01		P	1.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	836.16	0.0001	P	7.3
2	☐	1.000	0.117	3256.02	0.0003	P	4.0
3	☐	50.000	52.084	1071613.42	0.1118	P	1.0
4	☐	125.000	131.681	2664321.63	0.2824	P	0.8
5	☐	250.000	258.999	5138549.55	0.5554	P	1.5
6	☐	500.000	498.824	9326605.24	1.0696	A	1.2
7	☐	1000.000	997.400	17335442.92	2.1385	A	0.4
8	☐			7816.21	0.0010	P	3.3

$$y = 0.0021 * x + 8.7151E-005$$

$$R = 0.9999$$

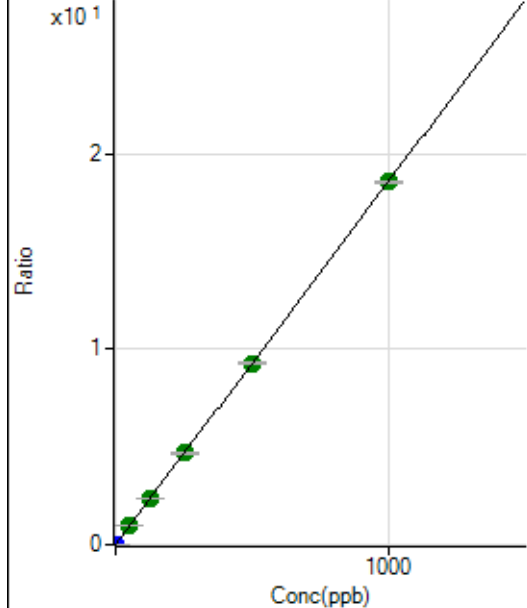
$$DL = 0.008897$$

$$BEC = 0.04065$$

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	319.46	0.0000	P	4.4
2	☐	1.000	0.112	20337.10	0.0021	P	3.0
3	☐	50.000	50.485	8996794.47	0.9382	A	0.6
4	☐	125.000	128.273	22488841.65	2.3839	A	1.6
5	☐	250.000	252.582	43430226.67	4.6940	A	1.5
6	☐	500.000	499.683	80976299.03	9.2861	A	1.0
7	☐	1000.000	999.080	150507689.4	18.5669	A	0.4
8	☐			61557.00	0.0075	P	1.3

$$y = 0.0186 * x + 3.3308E-005$$

$$R = 1.0000$$

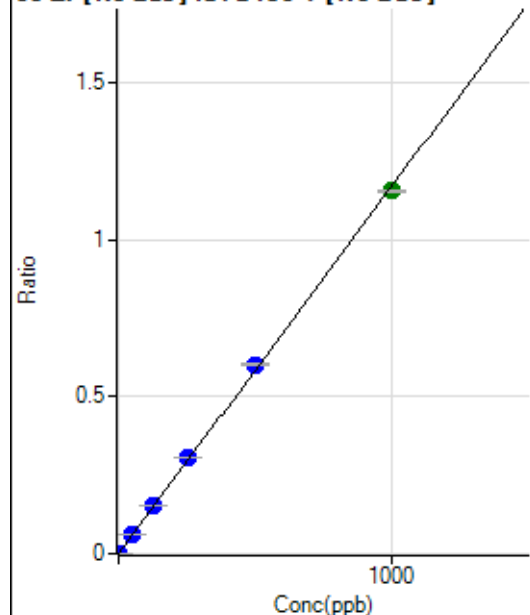
$$DL = 0.0002384$$

$$BEC = 0.001792$$

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	508.36	0.0001	P	9.0
2	☐	1.000	0.960	11296.30	0.0012	P	2.2
3	☐	50.000	52.157	584427.05	0.0609	P	0.5
4	☐	125.000	132.462	1459483.51	0.1547	P	1.6
5	☐	250.000	260.941	2819281.35	0.3047	P	1.1
6	☐	500.000	515.387	5248070.48	0.6018	P	0.6
7	☐	1000.000	988.531	9356073.38	1.1542	A	0.7
8	☐			2822.58	0.0003	P	10.7

$$y = 0.0012 * x + 5.2992E-005$$

$$R = 0.9997$$

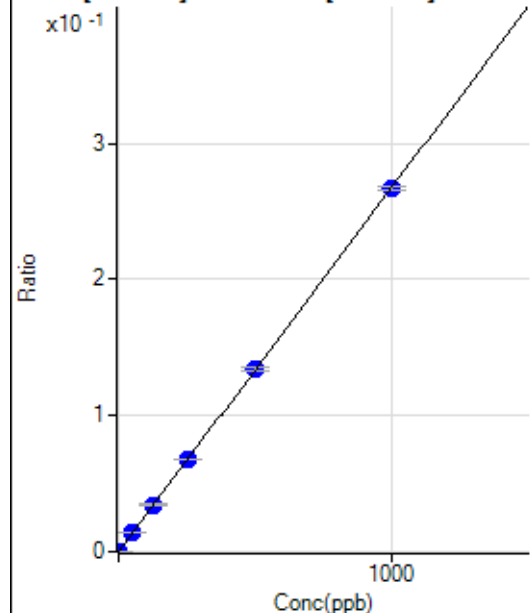
$$DL = 0.0122$$

$$BEC = 0.04539$$

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	111.12	0.0000	P	30.8
2	☐	1.000	0.940	2528.07	0.0003	P	5.4
3	☐	50.000	51.002	130853.71	0.0136	P	0.4
4	☐	125.000	129.415	326479.54	0.0346	P	1.7
5	☐	250.000	254.586	629800.48	0.0681	P	1.1
6	☐	500.000	501.862	1169997.87	0.1342	P	1.3
7	☐	1000.000	997.320	2161294.06	0.2666	P	1.0
8	☐			491.69	0.0001	P	4.5

$$y = 2.6733E-004 * x + 1.1576E-005$$

$$R = 1.0000$$

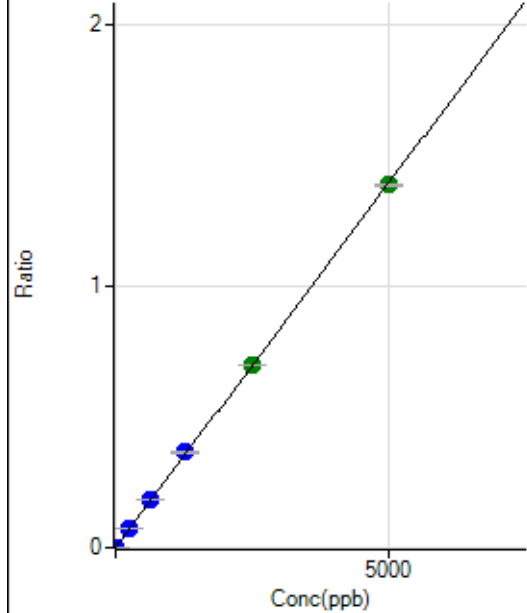
$$DL = 0.04006$$

$$BEC = 0.0433$$

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	152.78	0.0000	P	19.5
2	☐	5.000	5.079	13779.18	0.0014	P	3.7
3	☐	250.000	262.521	702116.37	0.0732	P	0.2
4	☐	625.000	665.320	1750406.22	0.1855	P	1.0
5	☐	1250.000	1308.779	3376886.66	0.3650	P	0.7
6	☐	2500.000	2501.056	6082174.48	0.6974	A	0.5
7	☐	5000.000	4979.111	11255038.88	1.3885	A	0.7
8	☐			3175.44	0.0004	P	1.2

$$y = 2.7885E-004 * x + 1.5933E-005$$

$$R = 0.9999$$

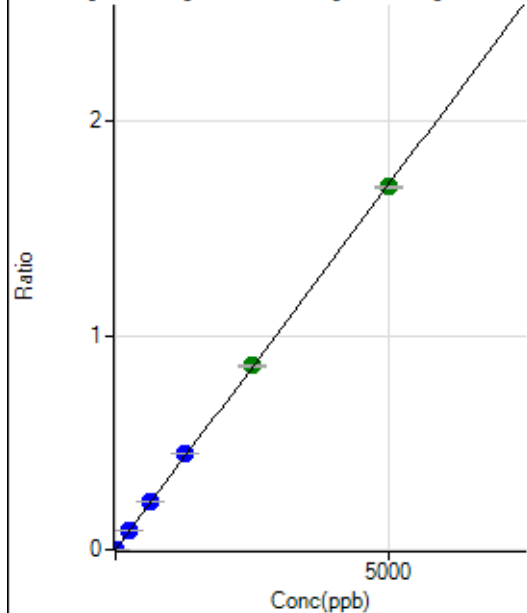
$$DL = 0.03336$$

$$BEC = 0.05714$$

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	2.78	0.0000	P	173.2
2	☐	5.000	5.118	16771.32	0.0017	P	2.3
3	☐	250.000	264.160	862838.14	0.0900	P	0.4
4	☐	625.000	666.235	2140940.17	0.2269	P	1.1
5	☐	1250.000	1309.256	4126322.53	0.4460	P	0.7
6	☐	2500.000	2517.593	7477494.53	0.8576	A	1.7
7	☐	5000.000	4970.527	13724753.95	1.6931	A	0.3
8	☐			3603.35	0.0004	P	1.4

$$y = 3.4063E-004 * x + 2.8947E-007$$

$$R = 0.9999$$

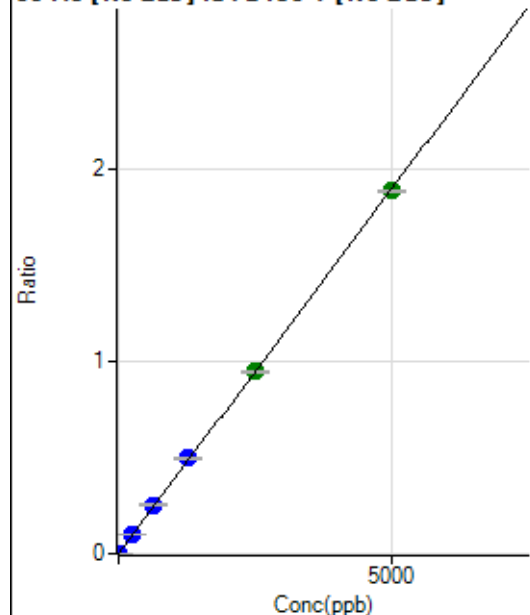
$$DL = 0.004416$$

$$BEC = 0.0008498$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	51.2
2	☐	5.000	5.224	19057.59	0.0020	P	2.0
3	☐	250.000	262.160	950691.91	0.0991	P	0.7
4	☐	625.000	668.747	2385833.73	0.2529	P	1.5
5	☐	1250.000	1309.844	4582975.89	0.4953	P	1.3
6	☐	2500.000	2502.979	8253849.75	0.9465	A	1.1
7	☐	5000.000	4977.473	15258078.99	1.8823	A	0.9
8	☐			4864.86	0.0006	P	2.4

$$y = 3.7816\text{E-}004 * x + 5.5103\text{E-}006$$

$$R = 0.9999$$

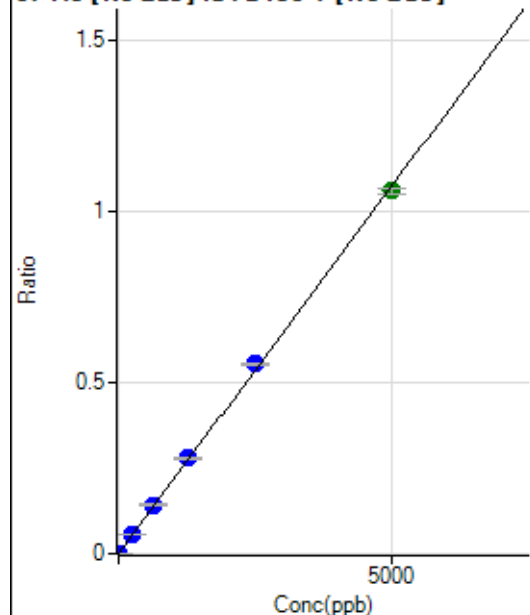
$$DL = 0.02238$$

$$BEC = 0.01457$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	5.000	5.250	10854.40	0.0011	P	1.4
3	☐	250.000	260.437	536581.89	0.0560	P	0.8
4	☐	625.000	665.244	1348417.95	0.1429	P	1.4
5	☐	1250.000	1298.557	2581498.21	0.2790	P	0.8
6	☐	2500.000	2581.907	4837705.97	0.5547	P	0.6
7	☐	5000.000	4941.355	8606285.61	1.0617	A	1.5
8	☐			2308.58	0.0003	P	9.0

$$y = 2.1486\text{E-}004 * x + 2.8947\text{E-}007$$

$$R = 0.9997$$

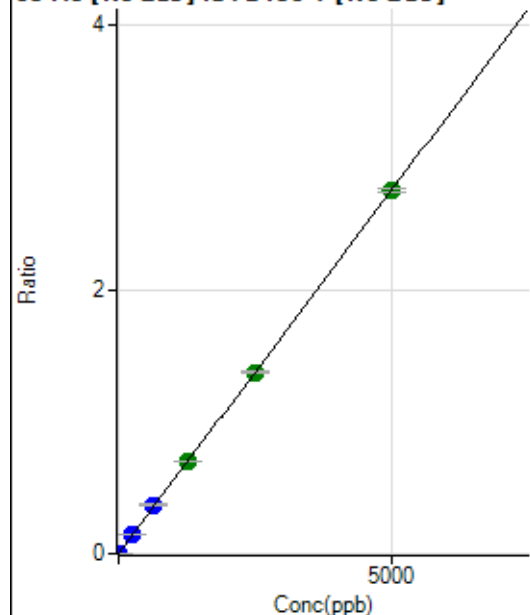
$$DL = 0.007001$$

$$BEC = 0.001347$$

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	25.00	0.0000	P	57.7
2	☐	5.000	5.244	27763.39	0.0029	P	2.3
3	☐	250.000	263.780	1390563.08	0.1450	P	0.2
4	☐	625.000	671.316	3481659.89	0.3691	P	1.2
5	☐	1250.000	1264.566	6432246.63	0.6952	A	0.8
6	☐	2500.000	2495.050	11960553.39	1.3717	A	1.3
7	☐	5000.000	4992.355	22247464.21	2.7445	A	0.9
8	☐			5779.10	0.0007	P	4.9

$$y = 5.4975E-004 * x + 2.6066E-006$$

$$R = 1.0000$$

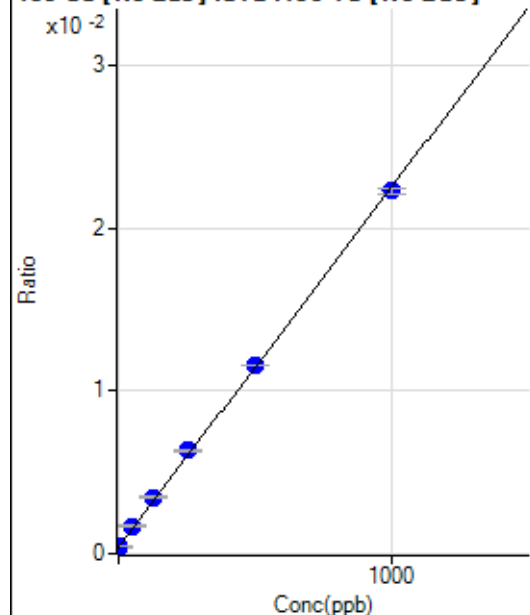
$$DL = 0.008211$$

$$BEC = 0.004741$$

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	3589.45	0.0004	P	1.6
2	☐	1.000	3.456	4334.12	0.0005	P	4.3
3	☐	50.000	58.914	15547.78	0.0017	P	2.0
4	☐	125.000	138.868	31630.20	0.0035	P	1.4
5	☐	250.000	269.274	57098.76	0.0063	P	2.5
6	☐	500.000	505.733	101774.32	0.0116	P	0.6
7	☐	1000.000	990.133	186225.54	0.0223	P	1.6
8	☐			3628.34	0.0004	P	4.3

$$y = 2.2083E-005 * x + 3.9999E-004$$

$$R = 0.9997$$

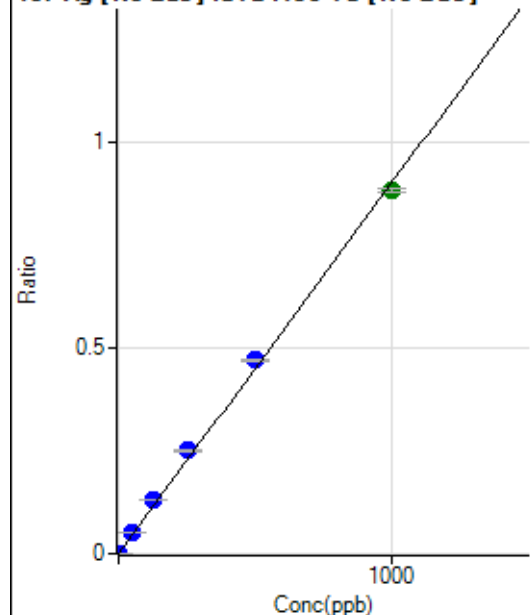
$$DL = 0.8686$$

$$BEC = 18.11$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	12.0
2	☐	1.000	1.110	9175.41	0.0010	P	2.6
3	☐	50.000	57.404	473307.96	0.0518	P	0.8
4	☐	125.000	143.582	1181566.35	0.1295	P	1.2
5	☐	250.000	277.861	2254952.65	0.2506	P	0.3
6	☐	500.000	522.613	4146991.41	0.4714	P	1.5
7	☐	1000.000	979.035	7386135.93	0.8830	A	1.0
8	☐			1958.52	0.0002	P	8.2

$$y = 9.0193\text{E-}004 * x + 7.4262\text{E-}006$$

$$R = 0.9991$$

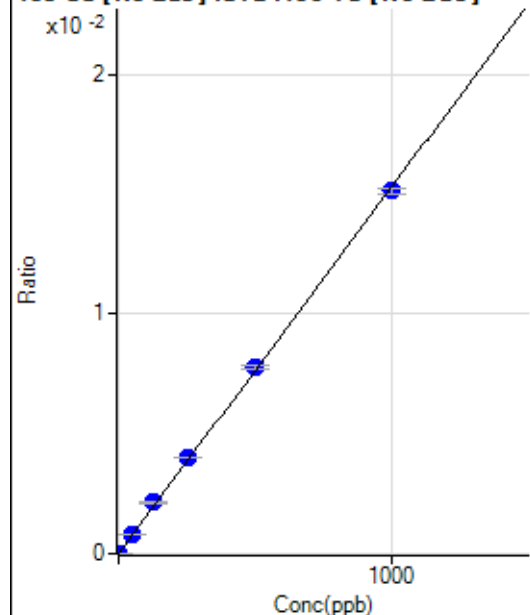
$$DL = 0.002958$$

$$BEC = 0.008234$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	66.2
2	☐	1.000	1.064	170.84	0.0000	P	19.5
3	☐	50.000	54.112	7589.61	0.0008	P	1.2
4	☐	125.000	140.023	19566.40	0.0021	P	2.1
5	☐	250.000	264.074	36372.90	0.0040	P	0.5
6	☐	500.000	508.728	68494.60	0.0078	P	2.0
7	☐	1000.000	990.034	126708.21	0.0151	P	1.6
8	☐			125.00	0.0000	P	10.2

$$y = 1.5299\text{E-}005 * x + 2.4781\text{E-}006$$

$$R = 0.9998$$

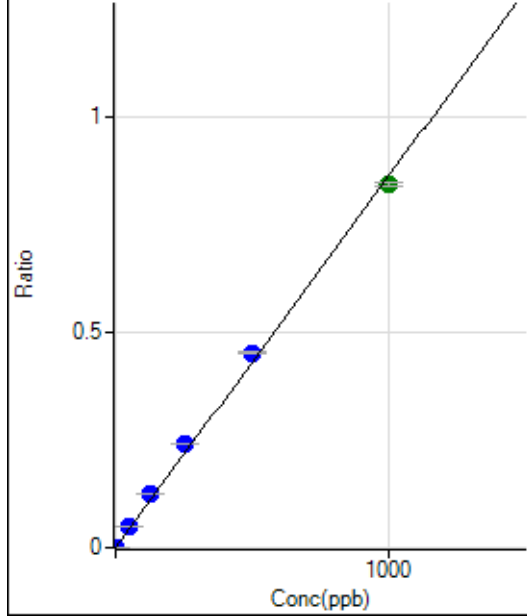
$$DL = 0.3216$$

$$BEC = 0.162$$

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	11.11	0.0000	P	43.5
2	☐	1.000	1.155	9092.03	0.0010	P	6.3
3	☐	50.000	57.630	455053.17	0.0498	P	0.3
4	☐	125.000	144.098	1135701.69	0.1245	P	0.5
5	☐	250.000	279.893	2175396.42	0.2418	P	0.6
6	☐	500.000	525.333	3992384.55	0.4538	P	1.6
7	☐	1000.000	977.091	7059790.96	0.8440	A	1.1
8	☐			1627.91	0.0002	P	4.3

$$y = 8.6382\text{E-}004 * x + 1.2387\text{E-}006$$

$$R = 0.9989$$

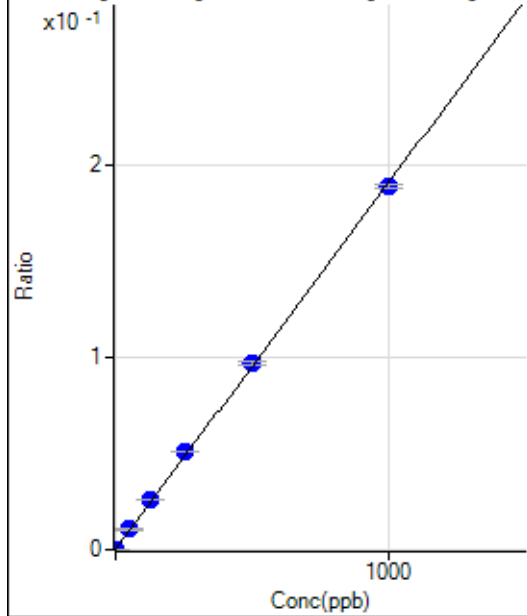
$$DL = 0.001872$$

$$BEC = 0.001434$$

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	725.95	0.0001	P	3.5
2	☐	1.000	1.270	2940.49	0.0003	P	5.0
3	☐	50.000	54.653	96046.26	0.0105	P	1.3
4	☐	125.000	137.368	239848.63	0.0263	P	1.1
5	☐	250.000	268.284	461259.87	0.0513	P	0.1
6	☐	500.000	509.503	855898.54	0.0973	P	1.6
7	☐	1000.000	988.899	1578764.32	0.1887	P	1.0
8	☐			1168.74	0.0001	P	6.2

$$y = 1.9078\text{E-}004 * x + 8.0898\text{E-}005$$

$$R = 0.9997$$

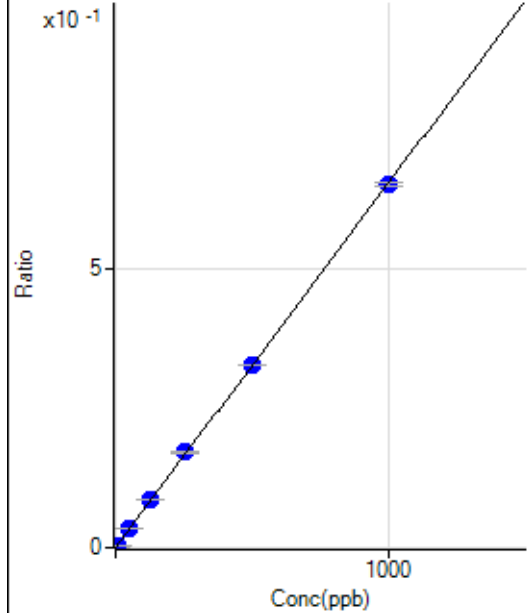
$$DL = 0.04498$$

$$BEC = 0.424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1091.74	0.0001	P	3.8
2	☐	5.000	5.176	31875.56	0.0035	P	0.9
3	☐	50.000	53.279	319183.61	0.0349	P	1.3
4	☐	125.000	133.739	798069.12	0.0875	P	0.5
5	☐	250.000	261.754	1539287.53	0.1711	P	1.2
6	☐	500.000	502.040	2885943.25	0.3280	P	0.5
7	☐	1000.000	994.784	5435684.15	0.6498	P	1.0
8	☐			2344.72	0.0003	P	5.2

$$y = 6.5313\text{E-}004 * x + 1.2167\text{E-}004$$

$$R = 0.9999$$

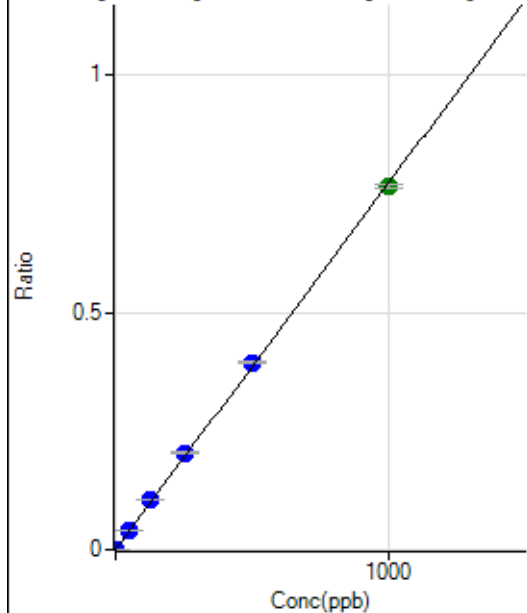
$$DL = 0.02105$$

$$BEC = 0.1863$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.7
2	☐	2.000	2.134	15063.97	0.0017	P	3.6
3	☐	50.000	53.342	376730.66	0.0412	P	1.0
4	☐	125.000	135.063	952021.38	0.1043	P	1.2
5	☐	250.000	263.987	1834995.05	0.2039	P	0.8
6	☐	500.000	510.120	3467201.08	0.3941	P	1.0
7	☐	1000.000	990.018	6397412.86	0.7648	A	1.1
8	☐			3531.08	0.0004	P	1.4

$$y = 7.7254\text{E-}004 * x + 6.8128\text{E-}006$$

$$R = 0.9998$$

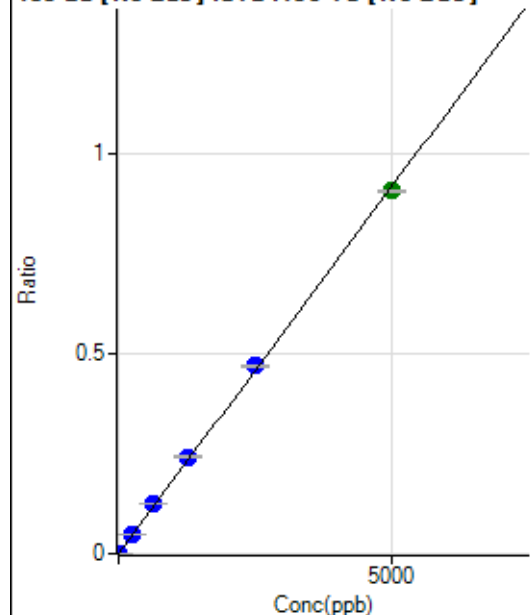
$$DL = 0.008379$$

$$BEC = 0.008819$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	32.8
2	☐	10.000	10.785	18026.00	0.0020	P	2.5
3	☐	250.000	266.922	446835.98	0.0489	P	0.8
4	☐	625.000	677.526	1132014.70	0.1241	P	1.4
5	☐	1250.000	1320.000	2174948.55	0.2417	P	0.7
6	☐	2500.000	2556.976	4119665.59	0.4682	P	0.6
7	☐	5000.000	4946.599	7576917.53	0.9058	A	0.8
8	☐			2989.28	0.0004	P	4.6

$$y = 1.8312E-004 * x + 5.5656E-006$$

$$R = 0.9998$$

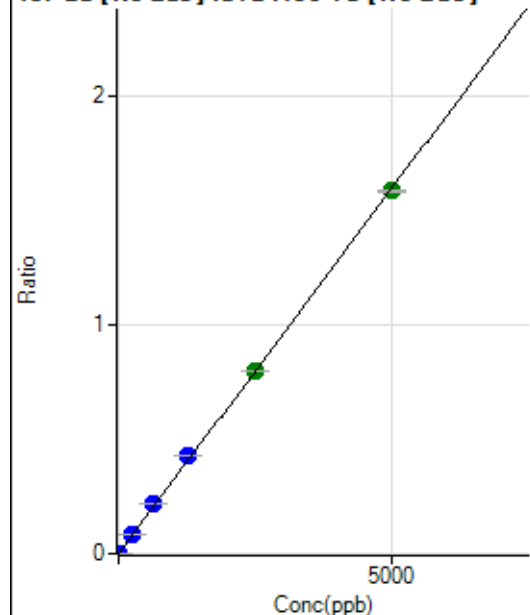
$$DL = 0.02993$$

$$BEC = 0.03039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.3
2	☐	10.000	10.670	30951.59	0.0034	P	1.2
3	☐	250.000	269.585	784891.19	0.0859	P	0.4
4	☐	625.000	684.103	1987997.70	0.2179	P	1.0
5	☐	1250.000	1336.305	3829593.01	0.4256	P	0.6
6	☐	2500.000	2498.077	7000337.92	0.7957	A	0.4
7	☐	5000.000	4971.017	13243694.31	1.5833	A	0.6
8	☐			5334.50	0.0006	P	3.6

$$y = 3.1851E-004 * x + 2.4769E-006$$

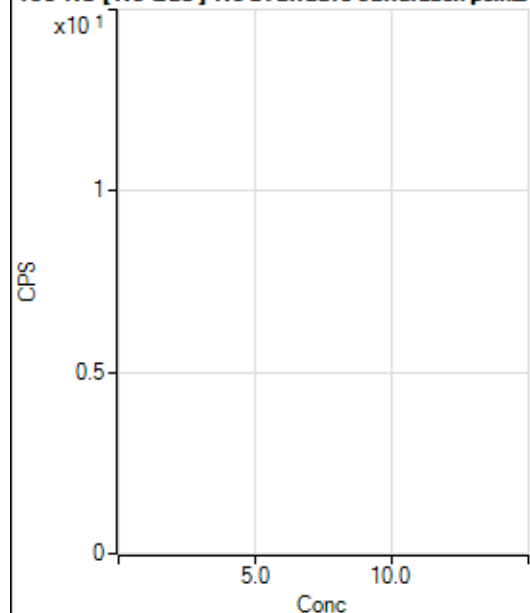
$$R = 0.9998$$

$$DL = 0.01826$$

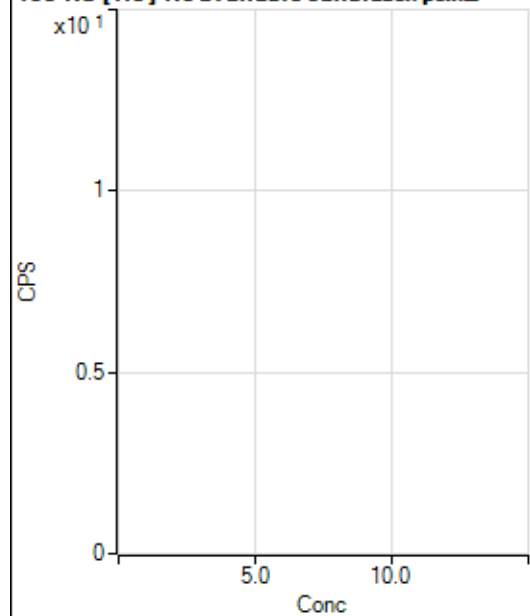
$$BEC = 0.007777$$

Weight: <None>

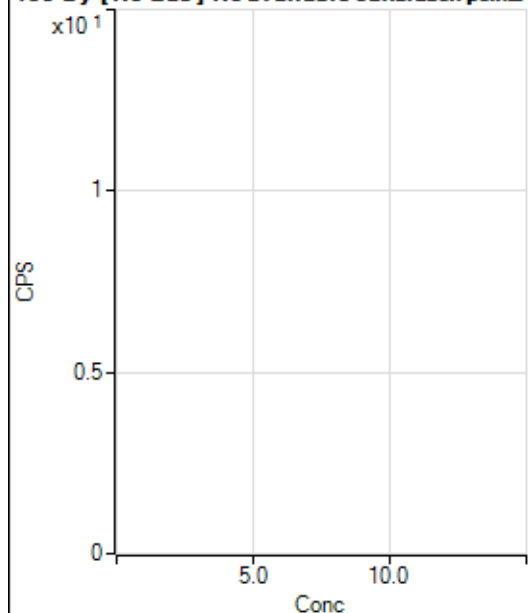
Min Conc: 0

150 Nd [No Gas] No available calibration points

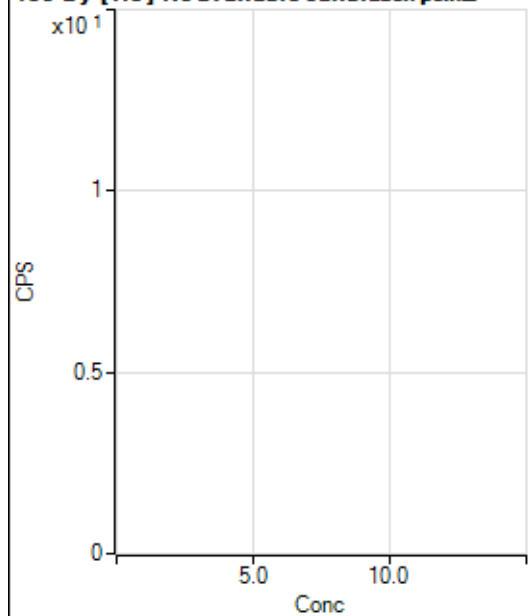
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			6.67		P	173.2
3	☐			57.78		P	37.1
4	☐			144.45		P	30.7
5	☐			233.34		P	20.6
6	☐			457.80		P	12.6
7	☐			706.70		P	15.8
8	☐			28.89		P	48.0

150 Nd [He] No available calibration points

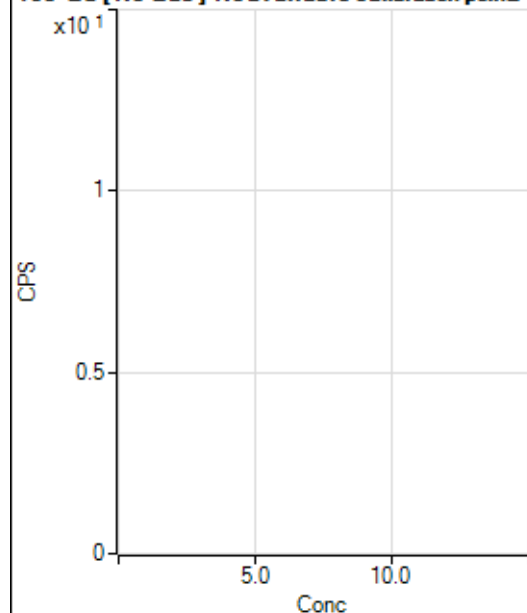
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			18.89		P	10.2
4	☐			27.78		P	6.9
5	☐			43.33		P	46.8
6	☐			94.45		P	22.4
7	☐			104.45		P	16.1
8	☐			17.78		P	43.3

156 Dy [No Gas] No available calibration points

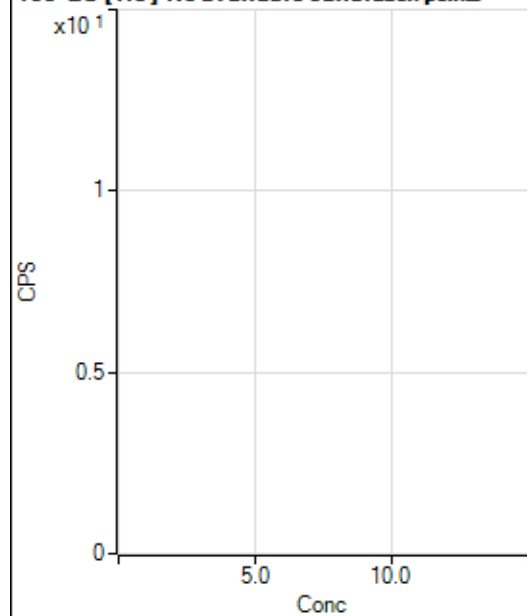
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐			2.78		P	173.2
3	☐			33.33		P	25.0
4	☐			91.67		P	18.2
5	☐			102.78		P	30.7
6	☐			288.90		P	6.0
7	☐			463.91		P	13.6
8	☐			1311.21		P	11.8

156 Dy [He] No available calibration points

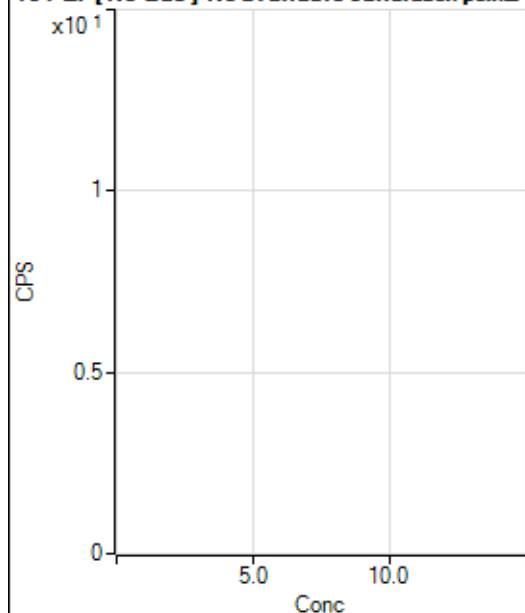
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			0.00		P	
3	☐			21.11		P	50.8
4	☐			61.11		P	15.7
5	☐			114.45		P	14.7
6	☐			176.67		P	18.0
7	☐			292.23		P	2.4
8	☐			840.03		P	5.1

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

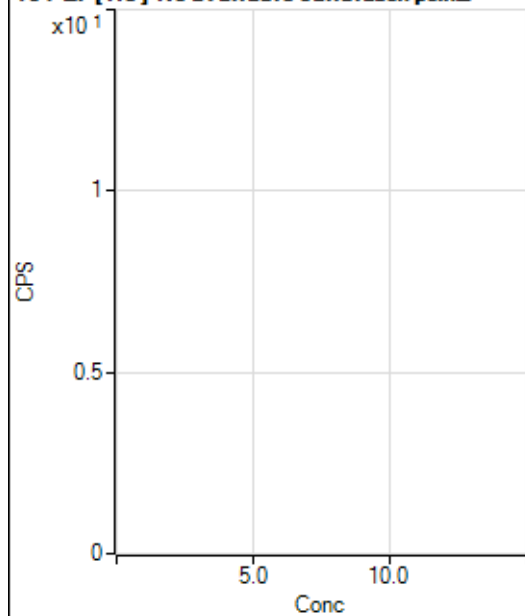
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	17.3
2	☐			50.00		P	88.2
3	☐			50.00		P	16.7
4	☐			119.45		P	35.8
5	☐			172.23		P	21.8
6	☐			241.68		P	17.2
7	☐			394.46		P	4.9
8	☐			1561.24		P	13.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			172.23		P	17.3
2	☐			123.33		P	28.2
3	☐			191.11		P	2.7
4	☐			170.00		P	12.2
5	☐			204.45		P	12.3
6	☐			223.34		P	6.5
7	☐			363.34		P	8.2
8	☐			1018.94		P	8.8

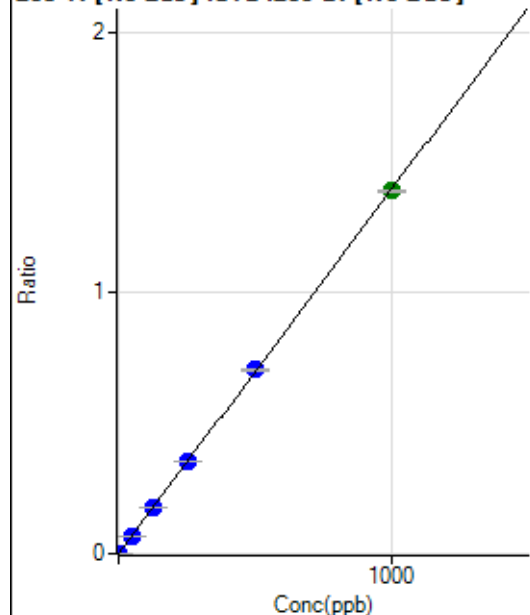
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐			55.56		P	70.9
3	☐			75.00		P	38.5
4	☐			63.89		P	19.9
5	☐			91.67		P	32.8
6	☐			130.56		P	24.2
7	☐			202.79		P	2.4
8	☐			355.57		P	12.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	29.0
2	☐			22.22		P	31.2
3	☐			44.45		P	8.7
4	☐			36.67		P	45.5
5	☐			46.67		P	50.0
6	☐			53.33		P	25.0
7	☐			84.45		P	4.6
8	☐			152.23		P	3.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.1
2	☐	1.000	0.965	9050.56	0.0014	P	1.9
3	☐	50.000	49.688	462340.39	0.0694	P	0.5
4	☐	125.000	128.041	1181665.75	0.1788	P	1.2
5	☐	250.000	254.683	2320385.34	0.3556	P	1.0
6	☐	500.000	504.682	4510432.70	0.7047	P	0.4
7	☐	1000.000	996.124	8485506.88	1.3909	A	0.7
8	☐			3525.57	0.0006	P	10.3

$$y = 0.0014 * x + 5.0550E-006$$

$$R = 1.0000$$

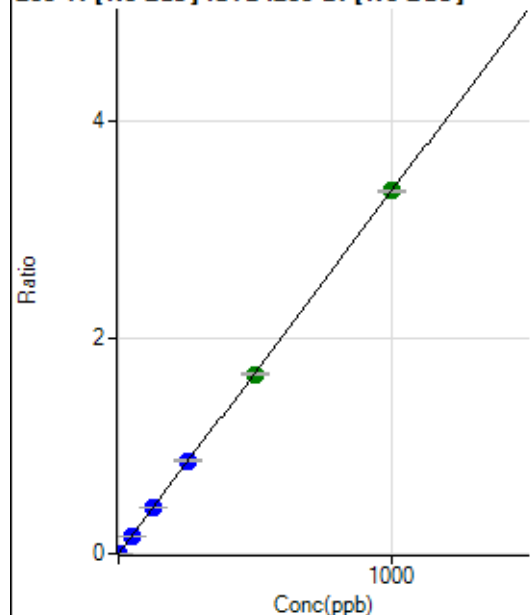
$$DL = 0.002727$$

$$BEC = 0.00362$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	54.1
2	☐	1.000	0.973	21935.22	0.0033	P	2.7
3	☐	50.000	50.048	1120513.97	0.1682	P	0.5
4	☐	125.000	128.902	2862350.37	0.4331	P	0.3
5	☐	250.000	256.961	5632853.68	0.8633	P	0.8
6	☐	500.000	494.570	10634848.07	1.6616	A	0.6
7	☐	1000.000	1000.485	20505888.48	3.3612	A	0.3
8	☐			8225.01	0.0015	P	14.9

$$y = 0.0034 * x + 1.0096E-005$$

$$R = 0.9999$$

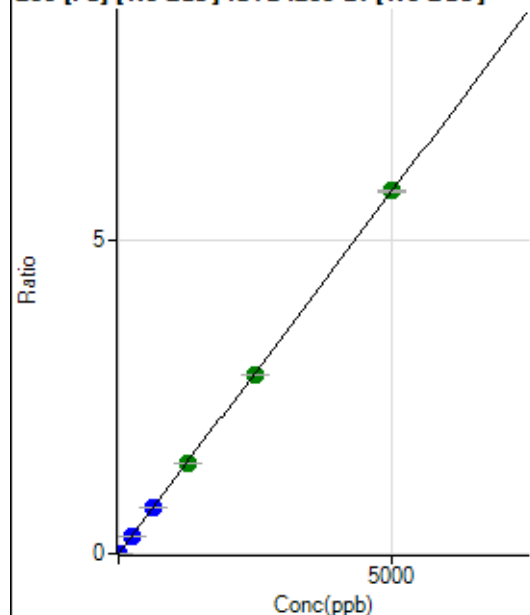
$$DL = 0.004879$$

$$BEC = 0.003005$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	198.15	0.0000	P	3.2
2	☐	1.000	0.953	7580.05	0.0011	P	0.7
3	☐	250.000	248.294	1915684.00	0.2875	P	0.4
4	☐	625.000	636.684	4872058.10	0.7371	P	0.6
5	☐	1250.000	1247.487	9423539.91	1.4443	A	1.4
6	☐	2500.000	2473.737	18330941.84	2.8640	A	0.4
7	☐	5000.000	5012.385	35402671.16	5.8031	A	0.2
8	☐			10048.39	0.0018	P	3.0

$$y = 0.0012 * x + 3.0041E-005$$

$$R = 1.0000$$

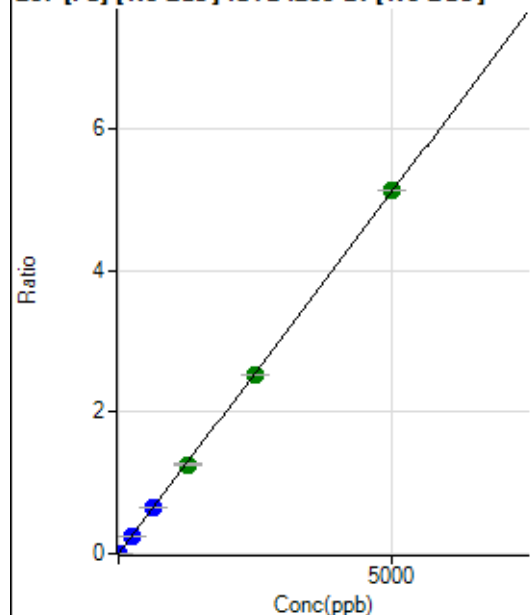
$$DL = 0.002495$$

$$BEC = 0.02595$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.22	0.0000	P	25.5
2	☐	1.000	0.964	6720.34	0.0010	P	3.9
3	☐	250.000	244.481	1666611.50	0.2501	P	0.1
4	☐	625.000	630.116	4260264.65	0.6446	P	0.9
5	☐	1250.000	1235.438	8245883.69	1.2638	A	1.6
6	☐	2500.000	2470.214	16173395.50	2.5269	A	0.3
7	☐	5000.000	5018.170	31316534.73	5.1333	A	0.1
8	☐			8956.85	0.0016	P	2.4

$$y = 0.0010 * x + 1.8537E-005$$

$$R = 1.0000$$

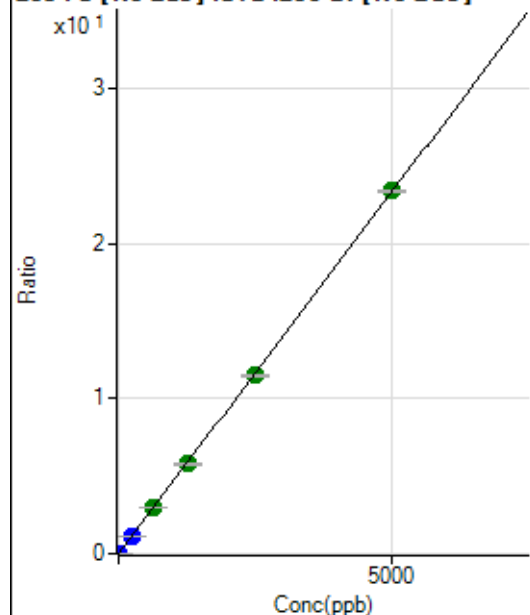
$$DL = 0.01389$$

$$BEC = 0.01812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	701.87	0.0001	P	12.7
2	☐	1.000	0.968	30909.11	0.0046	P	1.1
3	☐	250.000	247.009	7671281.03	1.1512	P	0.2
4	☐	625.000	629.249	19382540.80	2.9326	A	0.5
5	☐	1250.000	1243.513	37811891.87	5.7952	A	1.3
6	☐	2500.000	2464.129	73500584.51	11.4835	A	0.4
7	☐	5000.000	5019.176	142699083.5	23.3906	A	0.3
8	☐			40424.53	0.0072	P	1.3

$$y = 0.0047 * x + 1.0640E-004$$

$$R = 1.0000$$

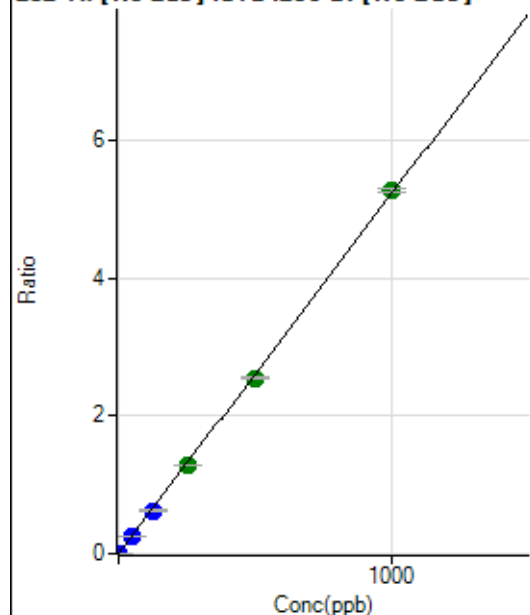
$$DL = 0.008683$$

$$BEC = 0.02283$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	50.6
2	☐	1.000	-0.001	85.19	0.0000	P	9.7
3	☐	50.000	45.897	1599156.57	0.2400	P	0.6
4	☐	125.000	119.854	4141822.98	0.6267	P	1.4
5	☐	250.000	244.551	8343343.88	1.2787	A	0.4
6	☐	500.000	487.543	16315806.27	2.5492	A	0.9
7	☐	1000.000	1008.440	32166766.23	5.2727	A	1.2
8	☐			2505.84	0.0004	P	11.5

$$y = 0.0052 * x + 1.6027E-005$$

$$R = 0.9999$$

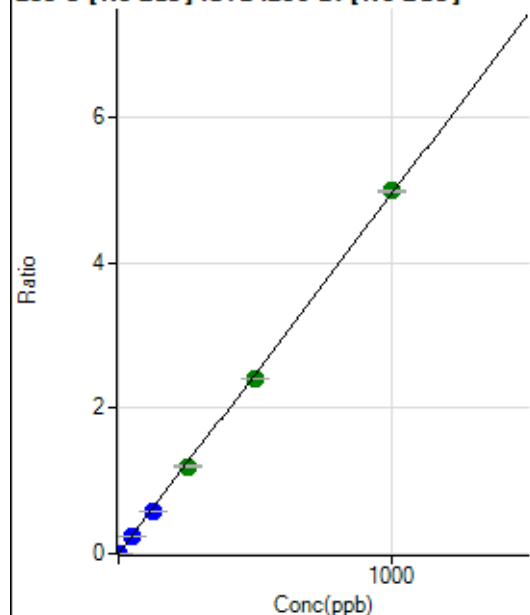
$$DL = 0.004653$$

$$BEC = 0.003065$$

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	25.00	0.0000	P	66.4
2	☐	1.000	0.901	29801.58	0.0045	P	2.5
3	☐	50.000	45.588	1501040.91	0.2253	P	0.6
4	☐	125.000	118.849	3881369.18	0.5873	P	1.2
5	☐	250.000	243.203	7840939.67	1.2017	A	1.2
6	☐	500.000	487.792	15427117.36	2.4103	A	0.5
7	☐	1000.000	1008.793	30409984.36	4.9847	A	0.4
8	☐			2767.05	0.0005	P	6.4

$$y = 0.0049 * x + 3.7875E-006$$

$$R = 0.9999$$

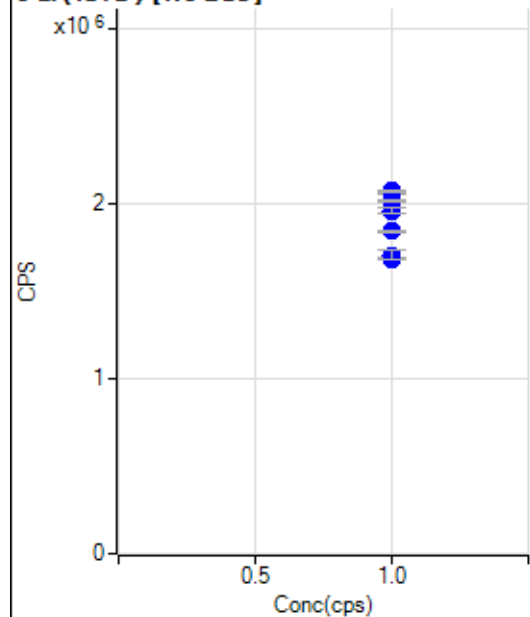
$$DL = 0.001527$$

$$BEC = 0.0007665$$

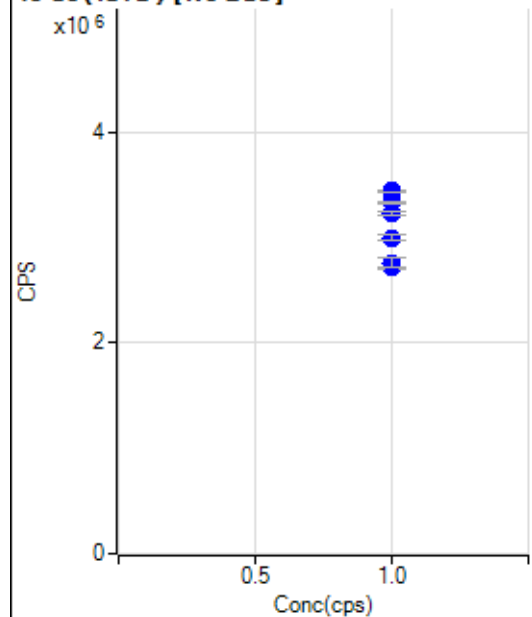
Weight: <None>

Min Conc: 0

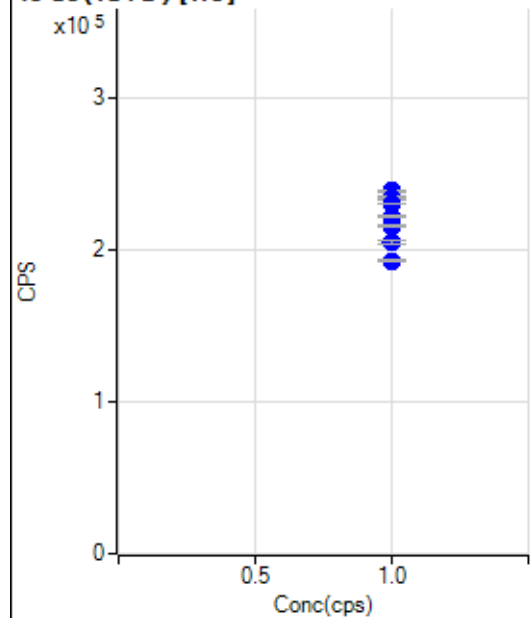
6 Li (ISTD) [No Gas]



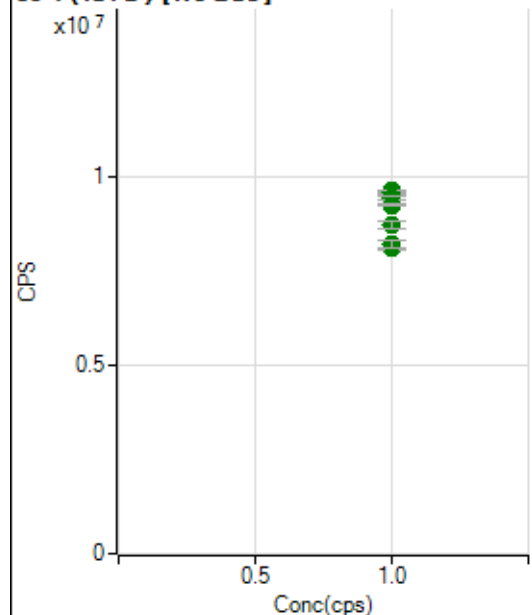
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2057700.79		P	0.1
2	☐	1.000		2076690.39		P	0.1
3	☐	1.000		2069635.30		P	0.5
4	☐	1.000		2019370.67		P	0.7
5	☐	1.000		1964652.30		P	1.1
6	☐	1.000		1844423.36		P	0.8
7	☐	1.000		1689013.79		P	0.6
8	☐	1.000		1710910.91		P	3.0

45 Sc (ISTD) [No Gas]

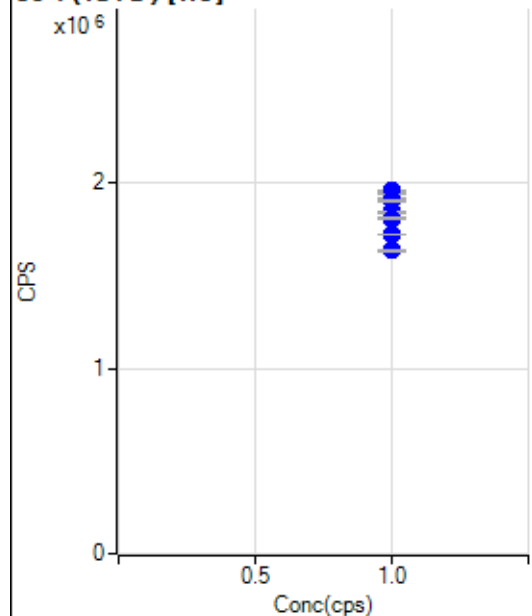
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3439980.30		P	0.9
2	☐	1.000		3444716.27		P	0.2
3	☐	1.000		3429955.12		P	0.2
4	☐	1.000		3333864.74		P	0.5
5	☐	1.000		3229571.31		P	0.7
6	☐	1.000		3002555.27		P	1.9
7	☐	1.000		2713265.31		P	0.6
8	☐	1.000		2764038.71		P	3.5

45 Sc (ISTD) [He]

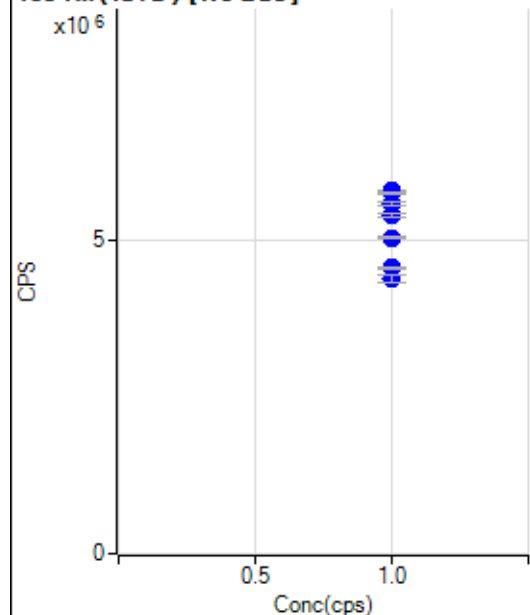
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		233795.64		P	0.9
2	☐	1.000		238818.99		P	0.4
3	☐	1.000		234677.77		P	0.1
4	☐	1.000		230233.91		P	0.3
5	☐	1.000		222027.25		P	0.6
6	☐	1.000		205026.20		P	1.2
7	☐	1.000		192779.46		P	0.5
8	☐	1.000		215709.22		P	0.4

89 Y (ISTD) [No Gas]

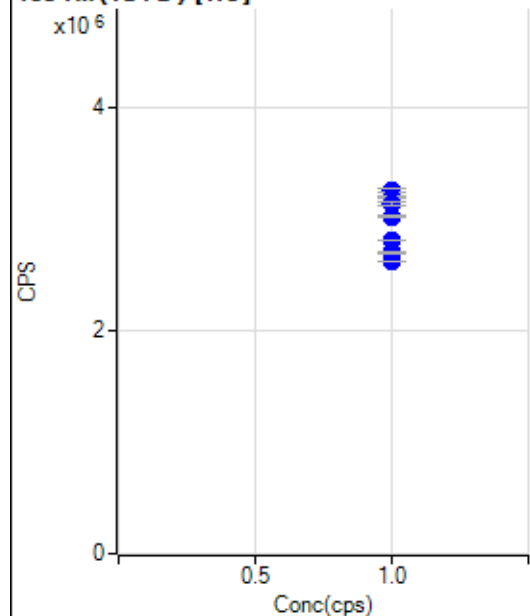
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9592330.27		A	0.5
2	☐	1.000		9620277.29		A	0.5
3	☐	1.000		9589151.39		A	0.8
4	☐	1.000		9434516.11		A	0.8
5	☐	1.000		9252667.29		A	0.5
6	☐	1.000		8721232.37		A	2.0
7	☐	1.000		8106364.53		A	0.6
8	☐	1.000		8197175.92		A	2.6

89 Y (ISTD) [He]

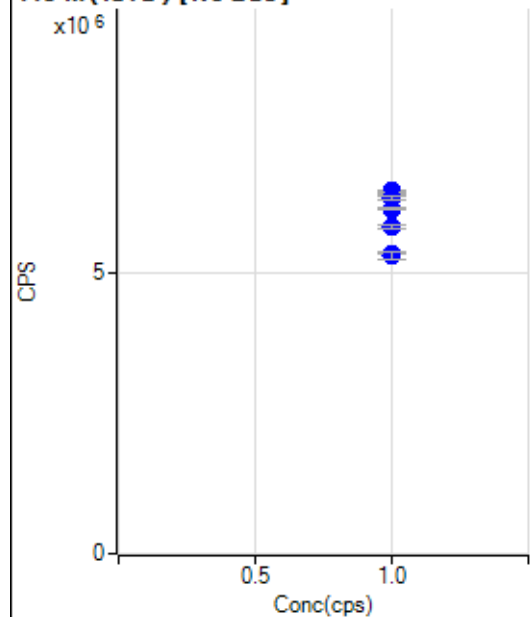
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1916953.96		P	0.3
2	☐	1.000		1958083.88		P	0.9
3	☐	1.000		1939522.94		P	0.3
4	☐	1.000		1907842.92		P	0.4
5	☐	1.000		1843683.83		P	0.2
6	☐	1.000		1724231.08		P	0.2
7	☐	1.000		1637152.29		P	0.5
8	☐	1.000		1808955.53		P	0.6

103 Rh (ISTD) [No Gas]

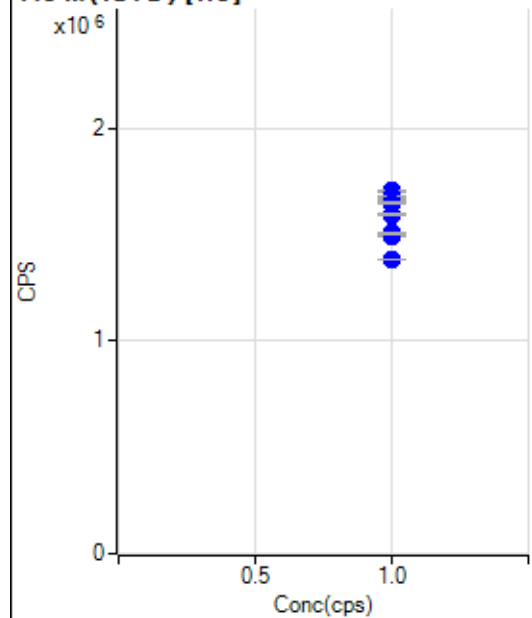
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5753730.61		P	0.5
2	☐	1.000		5776988.04		P	0.2
3	☐	1.000		5747168.94		P	0.3
4	☐	1.000		5577792.00		P	1.2
5	☐	1.000		5395160.47		P	0.8
6	☐	1.000		5036637.84		P	1.1
7	☐	1.000		4556149.96		P	0.4
8	☐	1.000		4376818.16		P	2.5

103 Rh (ISTD) [He]

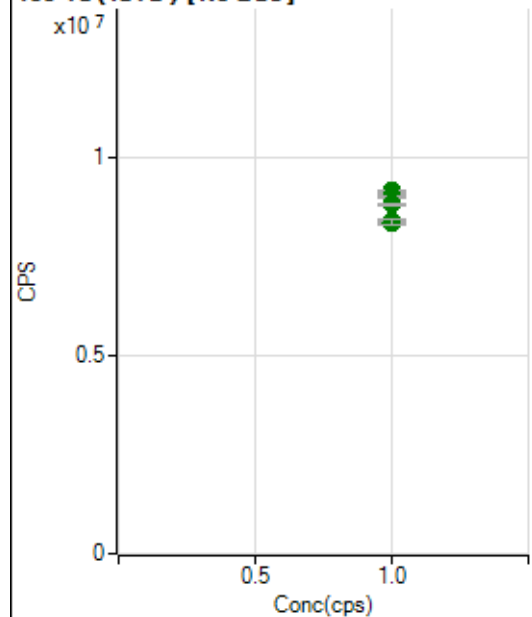
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3200190.89		P	0.4
2	☐	1.000		3258862.45		P	0.9
3	☐	1.000		3203906.86		P	0.0
4	☐	1.000		3142676.00		P	0.7
5	☐	1.000		3025404.09		P	0.4
6	☐	1.000		2818190.51		P	0.3
7	☐	1.000		2620352.88		P	0.2
8	☐	1.000		2708415.31		P	0.5

115 In (ISTD) [No Gas]

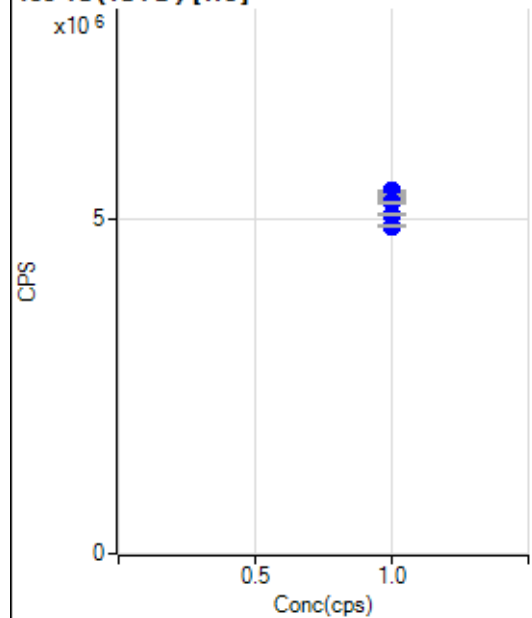
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6420197.44		P	0.5
2	☐	1.000		6476364.53		P	0.3
3	☐	1.000		6456239.22		P	0.4
4	☐	1.000		6335001.85		P	1.1
5	☐	1.000		6155222.66		P	0.7
6	☐	1.000		5844181.98		P	1.3
7	☐	1.000		5351552.62		P	0.3
8	☐	1.000		5324226.05		P	2.2

115 In (ISTD) [He]

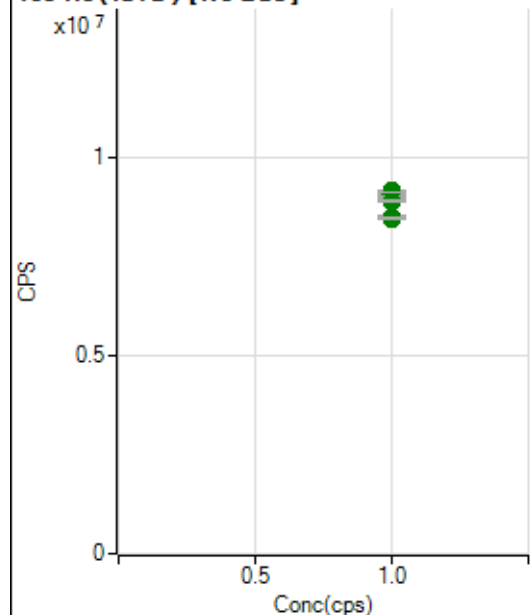
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1669379.03		P	0.6
2	☐	1.000		1706536.21		P	0.6
3	☐	1.000		1679153.22		P	0.0
4	☐	1.000		1650143.88		P	0.5
5	☐	1.000		1594679.63		P	0.4
6	☐	1.000		1488994.04		P	0.1
7	☐	1.000		1383912.73		P	0.3
8	☐	1.000		1510189.29		P	0.6

159 Tb (ISTD) [No Gas]

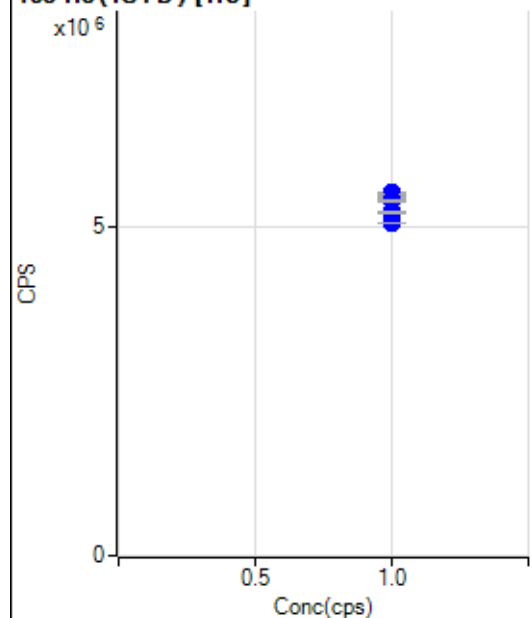
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8973502.02		A	0.5
2	☐	1.000		9100895.77		A	0.6
3	☐	1.000		9140642.50		A	0.3
4	☐	1.000		9123951.25		A	0.6
5	☐	1.000		8997560.98		A	0.3
6	☐	1.000		8798173.06		A	0.5
7	☐	1.000		8364712.86		A	0.6
8	☐	1.000		8352965.85		A	2.0

159 Tb (ISTD) [He]

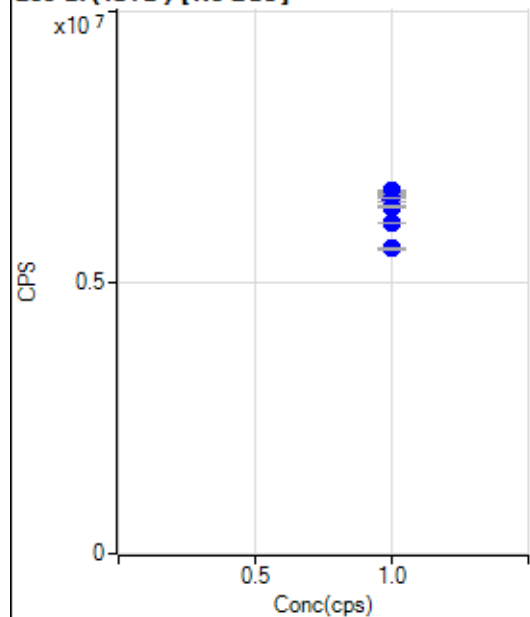
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5302958.25		P	0.2
2	☐	1.000		5421642.87		P	0.8
3	☐	1.000		5364788.77		P	0.3
4	☐	1.000		5349704.54		P	0.6
5	☐	1.000		5253382.70		P	0.4
6	☐	1.000		5051176.04		P	0.1
7	☐	1.000		4886904.13		P	0.6
8	☐	1.000		5065902.95		P	0.2

165 Ho (ISTD) [No Gas]

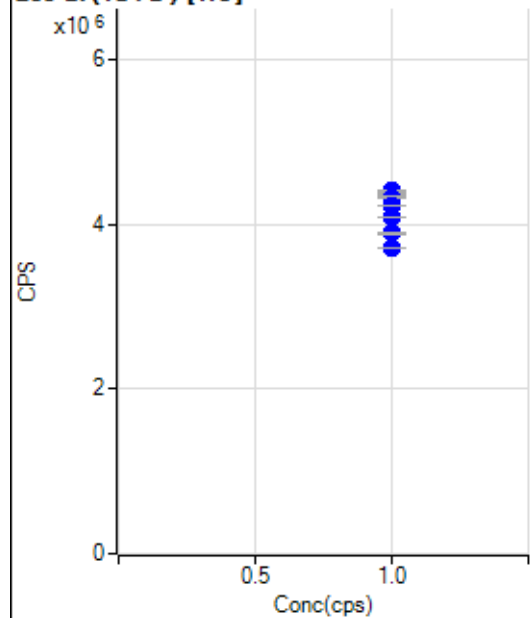
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8975506.32		A	0.4
2	☐	1.000		9149129.17		A	0.6
3	☐	1.000		9152462.92		A	0.2
4	☐	1.000		9101377.78		A	0.9
5	☐	1.000		9066250.84		A	1.2
6	☐	1.000		8885797.92		A	0.4
7	☐	1.000		8482395.22		A	0.8
8	☐	1.000		8464697.44		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5438595.16		P	0.5
2	☐	1.000		5526037.97		P	0.7
3	☐	1.000		5526380.27		P	0.1
4	☐	1.000		5490547.70		P	0.3
5	☐	1.000		5414987.07		P	0.6
6	☐	1.000		5243859.92		P	0.3
7	☐	1.000		5071531.24		P	0.2
8	☐	1.000		5226803.22		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6596029.48		P	0.4
2	☐	1.000		6690644.41		P	0.3
3	☐	1.000		6663616.78		P	0.6
4	☐	1.000		6609537.06		P	0.6
5	☐	1.000		6525173.17		P	0.9
6	☐	1.000		6400563.52		P	0.3
7	☐	1.000		6100706.78		P	0.2
8	☐	1.000		5633783.46		P	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4369395.87		P	0.7
2	☐	1.000		4400881.32		P	0.4
3	☐	1.000		4393811.98		P	0.5
4	☐	1.000		4324563.02		P	0.3
5	☐	1.000		4219089.52		P	0.4
6	☐	1.000		4085668.13		P	0.4
7	☐	1.000		3890319.84		P	0.4
8	☐	1.000		3717788.90		P	0.1

US EPA Tune Check Sample Report

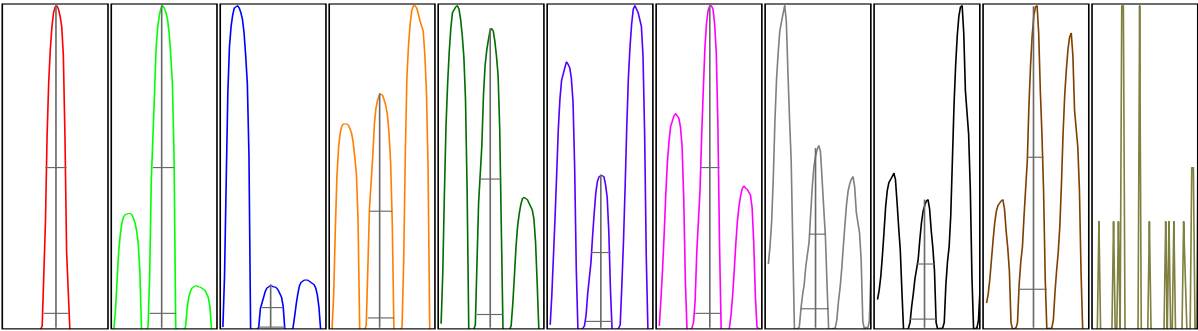
Batch Folder C:\Agilent\ICPMH\1\DATA\P7092021MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6032	0.18	5.00	
24	54362	0.24	5.00	
25	7266	0.33	5.00	
26	8279	0.73	5.00	
59	13768	0.18	5.00	
113	9221	0.65	5.00	
115	28853	2.01	5.00	
206	14816	0.26	5.00	
207	12860	0.68	5.00	
208	30623	0.26	5.00	
220	0	104.58		

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
9	6026	6030	6019	6044	6043
24	54316	54498	54427	54411	54156
25	7245	7236	7280	7290	7281
26	8222	8377	8285	8275	8236
59	13760	13792	13740	13796	13754
113	9261	9287	9220	9206	9130
115	29600	29305	28714	28398	28251
206	14825	14780	14786	14813	14877
207	12800	12866	12854	13002	12776
208	30711	30519	30646	30676	30563
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	10801	9.05	8.9 - 9.1		0.734	0.900	
24	88339	23.95	23.9 - 24.1		0.781	0.900	
25	11762	24.95	24.9 - 25.1		0.753	0.900	
26	13456	25.95	25.9 - 26.1		0.787	0.900	
59	23731	59.00	58.9 - 59.1		0.784	0.900	
113	17222	113.05	112.9 - 113.1		0.767	0.900	
115	54228	115.05	114.9 - 115.1		0.767	0.900	
206	29654	205.95	205.9 - 206.1		0.780	0.900	
207	24903	206.95	206.9 - 207.1		0.739	0.900	
208	62493	207.95	207.9 - 208.1		0.767	0.900	
220	0	219.70	-		0.050		

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	10.2	V	Deflect	13.6	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	4515	0.54	
89	25827	0.96	
205	16725	0.74	

	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
Mass	Count	Count	Count	Count	Count
59	4478	4507	4542	4525	4524
89	25536	25667	25814	26171	25950
205	16593	16664	16658	16884	16827

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.1	V	Deflect	2.4	V
Extract 2	-115.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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 :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.39	0.65	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.14	0.33	-0.19	0.00	N/A	ppb
Boron	11-1	-0.09	0.16	-0.07	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.22	0.11	-0.33	0.00	N/A	ppb
Cadmium	108-1	-0.10	-0.01	0.11	0.00	N/A	ppb
Calcium	43-1	0.42	-1.76	1.33	0.00	N/A	ppb
Calcium	44-1	-1.26	0.28	0.98	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	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	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	-0.06	0.00	0.06	0.00	N/A	ppb
Iron	57-2	-0.61	-0.46	1.07	0.00	N/A	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.16	-0.29	-0.87	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	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.14	0.02	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	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	0.00	0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	13.37	17.67	29.04	20.03	40.42	ppb
Potassium	39-2	-0.12	3.48	-3.37	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.31	-0.38	0.68	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	0.22	-0.21	0.00	N/A	ppb
Silicon	28-1	-0.94	-0.19	1.13	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	-0.12	-0.47	0.59	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-19.37	-72.95	78.47	-4.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	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	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	-0.08	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:34:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.68	20.40	21.46	21.51	5.31	ppb
Antimony	121-1	2.22	2.10	2.08	2.13	3.61	ppb
Arsenic	75-2	0.99	1.06	1.00	1.02	3.87	ppb
Barium	135-1	10.58	11.09	10.68	10.78	2.52	ppb
Barium	137-1	10.67	10.54	10.80	10.67	1.20	ppb
Beryllium	9-1	1.06	1.08	1.09	1.07	1.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	22.91	21.56	23.55	22.67	4.49	ppb
Boron	11-1	23.78	24.47	24.37	24.21	1.55	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.28	1.18	1.35	1.27	6.69	ppb
Cadmium	106-1	3.21	2.67	4.49	3.46	27.14	ppb
Cadmium	108-1	0.86	1.33	1.01	1.06	22.49	ppb
Calcium	43-1	554.17	541.62	549.03	548.28	1.15	ppb
Calcium	44-1	522.80	529.05	530.16	527.33	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	2.02	2.09	2.02	3.13	ppb
Cobalt	59-2	1.05	1.06	0.99	1.03	3.42	ppb
Copper	63-2	2.05	2.02	1.97	2.01	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	55.59	55.40	54.41	55.13	1.15	ppb
Iron	57-2	58.92	57.73	57.30	57.98	1.45	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:34:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52.74	56.45	57.09	55.43	4.24	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.96	0.95	0.95	0.73	ppb
Lead	207-1	0.96	0.93	1.00	0.96	3.92	ppb
Lead	208-1	0.96	0.96	0.98	0.97	1.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	527.45	513.06	501.26	513.92	2.55	ppb
Manganese	55-2	1.12	1.08	1.04	1.08	3.71	ppb
Molybdenum	94-1	5.29	5.00	4.94	5.08	3.70	ppb
Molybdenum	95-1	5.18	4.98	5.19	5.12	2.31	ppb
Molybdenum	96-1	5.34	5.13	5.21	5.22	2.00	ppb
Molybdenum	97-1	5.21	5.34	5.20	5.25	1.45	ppb
Molybdenum	98-1	5.30	5.33	5.11	5.24	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.95	1.07	1.03	6.88	ppb
Phosphorus	31-2	4.03	-42.60	-21.52	-20.03		ppb
Potassium	39-2	518.86	541.92	532.36	531.05	2.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	5.24	6.07	5.67	5.66	7.39	ppb
Selenium	77-2	6.82	5.07	4.61	5.50	21.20	ppb
Selenium	78-2	5.41	4.77	5.63	5.27	8.44	ppb
Silicon	28-1	7.25	6.66	7.78	7.23	7.74	ppb
Silver	107-1	1.12	1.08	1.13	1.11	2.59	ppb
Silver	109-1	1.23	1.09	1.15	1.16	6.28	ppb
Sodium	23-2	525.79	526.03	505.74	519.19	2.24	ppb
Strontium	86-1	0.11	0.12	0.12	0.12	5.33	ppb
Strontium	88-1	0.11	0.11	0.11	0.11	3.05	ppb
Sulfur	34-1	38.33	21.55	-46.02	4.62	966.90	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.96	0.99	0.97	1.89	ppb
Thallium	205-1	0.94	0.99	0.99	0.97	2.71	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:34:15	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	5.20	5.21	5.12	5.18	0.95	ppb
Titanium	47-1	4.70	5.17	5.27	5.05	6.07	ppb
Uranium	238-1	0.92	0.90	0.88	0.90	2.52	ppb
Vanadium	51-2	4.94	5.14	4.94	5.01	2.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1.25	1.61	1.50	1.45	12.55	ppb
Zirconium	90-1	0.98	0.94	0.96	0.96	2.31	ppb
Zirconium	91-1	0.98	0.88	0.97	0.94	5.69	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1087.88	1099.19	1079.61	1088.90	0.90	ppb
Antimony	121-1	52.77	53.75	53.51	53.34	0.95	ppb
Arsenic	75-2	51.25	51.38	51.72	51.45	0.47	ppb
Barium	135-1	264.49	268.00	268.28	266.92	0.79	ppb
Barium	137-1	270.32	270.12	268.31	269.58	0.41	ppb
Beryllium	9-1	50.64	52.11	51.37	51.38	1.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	48.53	48.98	49.69	49.07	1.19	ppb
Boron	11-1	46.71	49.61	51.42	49.25	4.82	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.06	55.43	54.48	54.65	1.28	ppb
Cadmium	106-1	59.38	57.21	60.16	58.91	2.59	ppb
Cadmium	108-1	53.61	54.84	53.89	54.11	1.19	ppb
Calcium	43-1	5588.79	5557.74	5583.30	5576.61	0.30	ppb
Calcium	44-1	5511.48	5530.33	5466.28	5502.70	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.56	51.01	50.64	51.07	0.91	ppb
Cobalt	59-2	51.73	51.96	51.33	51.67	0.62	ppb
Copper	63-2	539.89	537.84	534.62	537.45	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2634.56	2659.97	2622.84	2639.12	0.72	ppb
Iron	57-2	2734.89	2772.48	2763.64	2757.00	0.71	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2854.85	2816.81	2846.13	2839.26	0.70	ppb
Krypton	83-1						cps
Lead	206-1	248.72	247.03	249.14	248.29	0.45	ppb
Lead	207-1	244.16	244.62	244.67	244.48	0.12	ppb
Lead	208-1	247.28	246.48	247.27	247.01	0.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	5340.20	5353.11	5362.47	5351.93	0.21	ppb
Manganese	55-2	521.23	515.86	517.81	518.30	0.52	ppb
Molybdenum	94-1	263.00	261.98	262.59	262.52	0.20	ppb
Molybdenum	95-1	263.57	263.58	265.34	264.16	0.39	ppb
Molybdenum	96-1	261.79	260.45	264.25	262.16	0.74	ppb
Molybdenum	97-1	259.60	258.83	262.88	260.44	0.83	ppb
Molybdenum	98-1	263.84	263.28	264.22	263.78	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.89	52.18	52.82	52.63	0.74	ppb
Phosphorus	31-2	925.29	1063.83	1018.08	1002.40	7.04	ppb
Potassium	39-2	2847.60	2805.12	2781.44	2811.39	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	53.78	52.01	54.13	53.31	2.13	ppb
Selenium	77-2	49.75	48.77	55.50	51.34	7.08	ppb
Selenium	78-2	51.33	47.78	52.55	50.55	4.90	ppb
Silicon	28-1	46.07	49.61	50.87	48.85	5.09	ppb
Silver	107-1	56.89	57.69	57.63	57.40	0.78	ppb
Silver	109-1	57.54	57.55	57.81	57.63	0.26	ppb
Sodium	23-2	5364.25	5338.82	5296.58	5333.22	0.64	ppb
Strontium	86-1	52.66	51.96	51.63	52.08	1.01	ppb
Strontium	88-1	50.85	50.35	50.25	50.49	0.64	ppb
Sulfur	34-1	1116.81	1172.09	1107.57	1132.16	3.08	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.83	49.38	49.85	49.69	0.53	ppb
Thallium	205-1	50.09	50.30	49.76	50.05	0.54	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	46.04	45.57	46.08	45.90	0.63	ppb
Tin	118-1	52.63	54.03	53.18	53.28	1.32	ppb
Titanium	47-1	250.41	252.48	251.72	251.54	0.42	ppb
Uranium	238-1	45.43	45.42	45.91	45.59	0.60	ppb
Vanadium	51-2	50.54	50.25	49.71	50.17	0.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	508.88	512.43	509.10	510.14	0.39	ppb
Zirconium	90-1	52.29	51.87	52.32	52.16	0.48	ppb
Zirconium	91-1	50.74	51.11	51.15	51.00	0.44	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2744.39	2799.53	2792.92	2778.94	1.08	ppb
Antimony	121-1	133.45	135.12	136.61	135.06	1.17	ppb
Arsenic	75-2	132.73	131.75	132.85	132.45	0.45	ppb
Barium	135-1	666.70	682.40	683.48	677.53	1.39	ppb
Barium	137-1	676.24	689.31	686.76	684.10	1.01	ppb
Beryllium	9-1	130.11	131.95	133.48	131.85	1.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	120.15	126.71	130.91	125.92	4.31	ppb
Boron	11-1	121.03	125.96	131.14	126.05	4.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	135.93	138.92	137.26	137.37	1.09	ppb
Cadmium	106-1	140.60	139.70	136.31	138.87	1.63	ppb
Cadmium	108-1	137.48	139.32	143.27	140.02	2.11	ppb
Calcium	43-1	13998.49	14379.22	14123.71	14167.14	1.37	ppb
Calcium	44-1	13912.70	14136.64	14087.47	14045.60	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.61	131.94	130.53	131.36	0.56	ppb
Cobalt	59-2	132.14	133.52	132.90	132.86	0.52	ppb
Copper	63-2	1368.24	1369.77	1363.47	1367.16	0.24	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				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	6688.76	6780.31	6763.09	6744.05	0.72	ppb
Iron	57-2	7014.78	7073.33	7072.62	7053.58	0.48	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7283.83	7283.65	7298.63	7288.70	0.12	ppb
Krypton	83-1						cps
Lead	206-1	632.31	637.53	640.21	636.68	0.63	ppb
Lead	207-1	623.72	632.19	634.43	630.12	0.90	ppb
Lead	208-1	625.54	632.32	629.88	629.25	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	13697.99	13714.08	13678.85	13696.97	0.13	ppb
Manganese	55-2	1329.64	1332.94	1329.88	1330.82	0.14	ppb
Molybdenum	94-1	658.05	666.98	670.93	665.32	0.99	ppb
Molybdenum	95-1	657.72	669.26	671.73	666.23	1.12	ppb
Molybdenum	96-1	657.51	675.60	673.13	668.75	1.47	ppb
Molybdenum	97-1	654.64	668.42	672.67	665.24	1.42	ppb
Molybdenum	98-1	662.82	672.83	678.30	671.32	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.46	136.17	135.86	135.50	0.67	ppb
Phosphorus	31-2	2615.03	2646.80	2592.83	2618.22	1.04	ppb
Potassium	39-2	7140.08	7162.72	7164.88	7155.89	0.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	131.37	132.84	132.74	132.32	0.62	ppb
Selenium	77-2	120.79	144.20	118.52	127.84	11.12	ppb
Selenium	78-2	133.16	135.84	131.08	133.36	1.79	ppb
Silicon	28-1	114.70	123.35	125.22	121.09	4.63	ppb
Silver	107-1	141.60	144.21	144.94	143.58	1.22	ppb
Silver	109-1	143.38	144.94	143.97	144.10	0.55	ppb
Sodium	23-2	13279.23	13215.06	13326.86	13273.72	0.42	ppb
Strontium	86-1	130.61	131.59	132.84	131.68	0.85	ppb
Strontium	88-1	125.89	129.47	129.46	128.27	1.61	ppb
Sulfur	34-1	2586.43	2667.88	2698.01	2650.77	2.18	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	126.61	127.79	129.73	128.04	1.23	ppb
Thallium	205-1	128.52	128.87	129.32	128.90	0.31	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	117.90	120.72	120.94	119.85	1.41	ppb
Tin	118-1	133.03	134.34	133.85	133.74	0.50	ppb
Titanium	47-1	635.11	651.72	647.21	644.68	1.33	ppb
Uranium	238-1	117.24	119.58	119.72	118.85	1.17	ppb
Vanadium	51-2	128.77	130.27	129.16	129.40	0.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	1288.70	1311.75	1304.53	1301.66	0.91	ppb
Zirconium	90-1	130.00	133.95	133.43	132.46	1.62	ppb
Zirconium	91-1	127.19	129.59	131.46	129.42	1.65	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:43:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5438.13	5442.50	5447.73	5442.79	0.09	ppb
Antimony	121-1	261.79	266.15	264.03	263.99	0.83	ppb
Arsenic	75-2	257.17	259.76	259.22	258.72	0.53	ppb
Barium	135-1	1310.01	1329.08	1320.91	1320.00	0.72	ppb
Barium	137-1	1328.06	1337.87	1342.98	1336.30	0.57	ppb
Beryllium	9-1	253.78	256.83	257.60	256.07	0.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	235.53	242.13	256.74	244.80	4.43	ppb
Boron	11-1	237.75	252.56	256.66	248.99	3.99	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	268.33	268.13	268.39	268.28	0.05	ppb
Cadmium	106-1	261.11	274.48	272.23	269.27	2.66	ppb
Cadmium	108-1	265.43	263.69	263.11	264.07	0.46	ppb
Calcium	43-1	27449.29	27891.81	27734.25	27691.78	0.81	ppb
Calcium	44-1	25127.24	25498.97	25212.19	25279.46	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.73	255.14	252.38	254.42	0.70	ppb
Cobalt	59-2	257.15	257.85	254.99	256.66	0.58	ppb
Copper	63-2	2595.48	2579.84	2591.97	2589.10	0.32	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				96		%
Indium	115-2				96		%
Iron	56-2	13215.82	13117.03	12955.58	13096.14	1.00	ppb
Iron	57-2	13712.85	13690.03	13639.72	13680.87	0.27	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:43:40	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	14285.23	14269.03	14237.29	14263.85	0.17	ppb
Krypton	83-1						cps
Lead	206-1	1227.99	1263.59	1250.87	1247.49	1.45	ppb
Lead	207-1	1217.51	1255.91	1232.89	1235.44	1.56	ppb
Lead	208-1	1225.86	1257.93	1246.74	1243.51	1.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	25961.17	26242.69	25866.31	26023.39	0.75	ppb
Manganese	55-2	2607.33	2602.80	2594.34	2601.49	0.25	ppb
Molybdenum	94-1	1298.66	1315.58	1312.10	1308.78	0.68	ppb
Molybdenum	95-1	1298.57	1315.82	1313.38	1309.26	0.71	ppb
Molybdenum	96-1	1289.58	1319.88	1320.07	1309.84	1.34	ppb
Molybdenum	97-1	1286.32	1302.64	1306.72	1298.56	0.83	ppb
Molybdenum	98-1	1253.24	1268.07	1272.38	1264.57	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.18	260.98	259.15	259.77	0.40	ppb
Phosphorus	31-2	5257.83	5054.35	5231.15	5181.11	2.13	ppb
Potassium	39-2	13987.85	14021.24	13969.81	13992.97	0.19	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	257.51	258.99	257.70	258.07	0.31	ppb
Selenium	77-2	259.47	262.58	245.90	255.99	3.46	ppb
Selenium	78-2	258.25	257.68	261.28	259.07	0.75	ppb
Silicon	28-1	229.99	246.51	257.77	244.76	5.71	ppb
Silver	107-1	277.23	277.42	278.93	277.86	0.34	ppb
Silver	109-1	278.08	281.58	280.02	279.89	0.63	ppb
Sodium	23-2	26327.94	26135.79	26172.50	26212.07	0.39	ppb
Strontium	86-1	254.41	261.10	261.48	259.00	1.54	ppb
Strontium	88-1	248.57	252.84	256.34	252.58	1.54	ppb
Sulfur	34-1	4799.96	5121.17	5262.22	5061.12	4.68	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	252.68	253.73	257.65	254.68	1.03	ppb
Thallium	205-1	254.65	257.48	258.75	256.96	0.82	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:43:40	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	243.77	244.33	245.55	244.55	0.37	ppb
Tin	118-1	258.75	264.88	261.63	261.75	1.17	ppb
Titanium	47-1	1247.10	1275.46	1262.58	1261.71	1.13	ppb
Uranium	238-1	240.08	243.97	245.56	243.20	1.16	ppb
Vanadium	51-2	255.00	253.88	257.04	255.31	0.63	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	2518.61	2533.60	2514.77	2522.32	0.39	ppb
Zirconium	90-1	257.68	263.16	261.98	260.94	1.11	ppb
Zirconium	91-1	251.33	255.44	256.99	254.59	1.15	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10688.84	10693.99	10691.70	10691.51	0.02	ppb
Antimony	121-1	512.47	513.40	504.49	510.12	0.96	ppb
Arsenic	75-2	504.79	501.96	503.48	503.41	0.28	ppb
Barium	135-1	2565.10	2566.67	2539.16	2556.98	0.60	ppb
Barium	137-1	2508.73	2492.88	2492.63	2498.08	0.37	ppb
Beryllium	9-1	502.70	504.17	501.54	502.80	0.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	481.76	497.90	502.83	494.16	2.23	ppb
Boron	11-1	477.05	508.85	503.41	496.43	3.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	517.06	510.63	500.82	509.50	1.61	ppb
Cadmium	106-1	507.49	507.30	502.40	505.73	0.57	ppb
Cadmium	108-1	519.67	507.27	499.25	508.73	2.02	ppb
Calcium	43-1	54525.65	55165.79	54442.41	54711.29	0.72	ppb
Calcium	44-1	49220.00	50029.23	50284.20	49844.48	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.53	498.12	498.45	497.04	0.44	ppb
Cobalt	59-2	498.43	504.57	505.18	502.73	0.74	ppb
Copper	63-2	5019.00	5066.48	5071.60	5052.36	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	26046.18	26059.69	26214.19	26106.69	0.36	ppb
Iron	57-2	27107.10	27170.74	27235.44	27171.09	0.24	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27885.84	28181.23	28138.27	28068.45	0.57	ppb
Krypton	83-1						cps
Lead	206-1	2474.25	2463.36	2483.59	2473.74	0.41	ppb
Lead	207-1	2462.24	2476.24	2472.16	2470.21	0.29	ppb
Lead	208-1	2453.75	2469.03	2469.60	2464.13	0.36	ppb
Lithium	6-1				90		%
Magnesium	24-2	51330.22	51599.11	51297.80	51409.04	0.32	ppb
Manganese	55-2	4954.17	4961.35	5038.47	4984.67	0.94	ppb
Molybdenum	94-1	2489.79	2500.32	2513.06	2501.06	0.47	ppb
Molybdenum	95-1	2468.57	2540.29	2543.92	2517.59	1.69	ppb
Molybdenum	96-1	2471.21	2518.96	2518.77	2502.98	1.10	ppb
Molybdenum	97-1	2562.92	2589.93	2592.87	2581.91	0.64	ppb
Molybdenum	98-1	2459.25	2506.66	2519.24	2495.05	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.11	509.66	507.26	505.01	1.21	ppb
Phosphorus	31-2	10142.77	10043.46	9895.94	10027.39	1.24	ppb
Potassium	39-2	27370.02	27469.22	27420.09	27419.78	0.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	496.51	509.37	513.31	506.40	1.73	ppb
Selenium	77-2	540.29	489.82	524.49	518.20	4.98	ppb
Selenium	78-2	505.89	512.85	503.36	507.37	0.97	ppb
Silicon	28-1	463.06	500.16	516.22	493.15	5.53	ppb
Silver	107-1	529.51	524.46	513.87	522.61	1.53	ppb
Silver	109-1	530.52	529.53	515.95	525.33	1.55	ppb
Sodium	23-2	51424.17	51389.79	51463.77	51425.91	0.07	ppb
Strontium	86-1	493.05	498.73	504.70	498.82	1.17	ppb
Strontium	88-1	494.47	500.51	504.07	499.68	0.97	ppb
Sulfur	34-1	10032.72	10107.24	9892.69	10010.89	1.09	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	502.64	506.58	504.83	504.68	0.39	ppb
Thallium	205-1	494.30	491.80	497.60	494.57	0.59	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	482.39	491.17	489.07	487.54	0.94	ppb
Tin	118-1	501.74	504.71	499.67	502.04	0.50	ppb
Titanium	47-1	2459.65	2478.39	2496.05	2478.03	0.73	ppb
Uranium	238-1	485.46	487.44	490.47	487.79	0.52	ppb
Vanadium	51-2	494.33	501.72	503.40	499.81	0.97	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4947.68	5019.59	5027.70	4998.32	0.88	ppb
Zirconium	90-1	512.47	518.36	515.32	515.39	0.57	ppb
Zirconium	91-1	494.58	506.79	504.22	501.86	1.28	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:49:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21218.26	21327.36	21172.65	21239.42	0.37	ppb
Antimony	121-1	979.59	1001.14	989.33	990.02	1.09	ppb
Arsenic	75-2	990.72	998.79	995.83	995.11	0.41	ppb
Barium	135-1	4942.78	4987.77	4909.25	4946.60	0.80	ppb
Barium	137-1	4979.88	4995.28	4937.89	4971.02	0.60	ppb
Beryllium	9-1	994.08	993.77	1000.63	996.16	0.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	972.71	1003.09	1036.82	1004.21	3.19	ppb
Boron	11-1	960.62	1008.70	1036.57	1001.96	3.83	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	979.31	999.38	988.01	988.90	1.02	ppb
Cadmium	106-1	986.50	1007.81	976.09	990.13	1.63	ppb
Cadmium	108-1	985.95	1007.24	976.91	990.03	1.57	ppb
Calcium	43-1	110000.43	111101.26	110461.76	110521.15	0.50	ppb
Calcium	44-1	99730.96	101465.21	102309.26	101168.48	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.43	1002.71	987.45	999.53	1.09	ppb
Cobalt	59-2	998.82	998.74	990.15	995.91	0.50	ppb
Copper	63-2	9981.85	9928.68	9894.56	9935.03	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	52766.22	52117.42	51517.27	52133.64	1.20	ppb
Iron	57-2	55067.15	54732.63	53685.06	54494.95	1.32	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:49:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56312.43	56183.73	55041.45	55845.87	1.25	ppb
Krypton	83-1						cps
Lead	206-1	5016.05	5021.88	4999.22	5012.38	0.23	ppb
Lead	207-1	5015.47	5022.72	5016.32	5018.17	0.08	ppb
Lead	208-1	5008.00	5034.01	5015.51	5019.18	0.27	ppb
Lithium	6-1				82		%
Magnesium	24-2	101947.14	102498.25	101706.43	102050.61	0.40	ppb
Manganese	55-2	10051.99	10011.98	9849.87	9971.28	1.07	ppb
Molybdenum	94-1	4946.36	5014.09	4976.88	4979.11	0.68	ppb
Molybdenum	95-1	4962.14	4989.22	4960.22	4970.53	0.33	ppb
Molybdenum	96-1	4934.54	5020.78	4977.10	4977.47	0.87	ppb
Molybdenum	97-1	4857.46	4988.72	4977.88	4941.35	1.47	ppb
Molybdenum	98-1	4993.27	5038.72	4945.07	4992.35	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.14	995.50	985.18	993.61	0.77	ppb
Phosphorus	31-2	20066.04	20051.13	19661.22	19926.13	1.15	ppb
Potassium	39-2	49964.11	49665.21	49483.86	49704.39	0.49	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				82		%
Selenium	82-1	989.55	1002.39	989.16	993.70	0.76	ppb
Selenium	77-2	975.76	992.32	998.86	988.98	1.20	ppb
Selenium	78-2	1000.50	991.85	986.58	992.98	0.71	ppb
Silicon	28-1	968.13	1012.08	1035.73	1005.31	3.41	ppb
Silver	107-1	968.26	987.22	981.63	979.04	0.99	ppb
Silver	109-1	973.62	989.64	968.01	977.09	1.15	ppb
Sodium	23-2	103419.59	103231.40	102571.08	103074.02	0.43	ppb
Strontium	86-1	994.08	1002.41	995.71	997.40	0.44	ppb
Strontium	88-1	997.36	1003.94	995.93	999.08	0.43	ppb
Sulfur	34-1	19770.41	20005.74	20085.32	19953.82	0.82	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	1003.60	991.50	993.27	996.12	0.66	ppb
Thallium	205-1	1004.01	997.11	1000.34	1000.48	0.34	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:49:46	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	996.22	1019.72	1009.38	1008.44	1.17	ppb
Tin	118-1	984.03	1003.87	996.45	994.78	1.01	ppb
Titanium	47-1	4989.09	5007.88	5019.59	5005.52	0.31	ppb
Uranium	238-1	1005.83	1012.99	1007.55	1008.79	0.37	ppb
Vanadium	51-2	1005.58	1003.12	985.92	998.21	1.07	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	10013.73	10043.89	9907.26	9988.29	0.72	ppb
Zirconium	90-1	984.39	995.99	985.22	988.53	0.65	ppb
Zirconium	91-1	986.38	1005.03	1000.56	997.32	0.98	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98538.20	99882.41	100538.28	99652.96	1.02	ppb
Antimony	121-1	0.54	0.54	0.53	0.54	1.39	ppb
Arsenic	75-2	0.31	0.39	0.30	0.33	13.96	ppb
Barium	135-1	1.82	1.99	1.95	1.92	4.71	ppb
Barium	137-1	2.03	1.91	2.05	2.00	3.60	ppb
Beryllium	9-1	0.25	0.17	0.13	0.18	32.51	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Boron	10-1	40.94	34.55	31.10	35.53	14.06	ppb
Boron	11-1	40.29	36.12	31.68	36.03	11.95	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.36	0.30	0.27	0.31	14.61	ppb
Cadmium	106-1	1.66	0.66	2.33	1.55	54.28	ppb
Cadmium	108-1	0.70	0.85	0.89	0.81	12.17	ppb
Calcium	43-1	497543.38	502066.33	492117.96	497242.56	1.00	ppb
Calcium	44-1	496619.10	504351.88	498201.59	499724.19	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.10	3.01	2.94	3.02	2.65	ppb
Cobalt	59-2	2.58	2.53	2.49	2.53	1.67	ppb
Copper	63-2	2.03	2.08	2.18	2.10	3.63	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				94		%
Holmium	165-2				96		%
Indium	115-1				83		%
Indium	115-2				90		%
Iron	56-2	252346.86	248268.43	247641.87	249419.05	1.02	ppb
Iron	57-2	250095.37	248871.02	247440.19	248802.20	0.53	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	250090.99	247575.22	247553.08	248406.43	0.59	ppb
Krypton	83-1						cps
Lead	206-1	1.53	1.55	1.46	1.51	3.05	ppb
Lead	207-1	1.58	1.53	1.50	1.54	2.43	ppb
Lead	208-1	1.53	1.52	1.49	1.52	1.32	ppb
Lithium	6-1				83		%
Magnesium	24-2	500445.53	498481.10	499166.41	499364.35	0.20	ppb
Manganese	55-2	9.24	9.31	9.05	9.20	1.44	ppb
Molybdenum	94-1	1.32	1.33	1.35	1.33	1.24	ppb
Molybdenum	95-1	1.27	1.30	1.30	1.29	1.42	ppb
Molybdenum	96-1	1.53	1.60	1.54	1.56	2.41	ppb
Molybdenum	97-1	1.39	1.37	1.17	1.31	9.05	ppb
Molybdenum	98-1	1.35	1.25	1.23	1.28	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.86	3.85	3.94	3.88	1.27	ppb
Phosphorus	31-2	-22.57	-38.86	-28.51	-29.98		ppb
Potassium	39-2	247452.42	249318.88	252378.72	249716.67	1.00	ppb
Rhodium	103-1				76		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				92		%
Selenium	82-1	-0.37	-0.18	0.02	-0.18		ppb
Selenium	77-2	0.00	0.92	0.00	0.31	173.21	ppb
Selenium	78-2	-0.01	0.08	0.43	0.16	143.51	ppb
Silicon	28-1	45.57	49.77	49.50	48.28	4.87	ppb
Silver	107-1	0.27	0.26	0.23	0.25	8.43	ppb
Silver	109-1	0.21	0.23	0.23	0.22	4.31	ppb
Sodium	23-2	492838.41	501473.89	503165.62	499159.31	1.11	ppb
Strontium	86-1	0.40	0.42	0.39	0.40	3.64	ppb
Strontium	88-1	0.41	0.40	0.40	0.40	1.27	ppb
Sulfur	34-1	306.23	-147.27	-354.54	-65.19		ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	0.48	0.46	0.39	0.44	10.36	ppb
Thallium	205-1	0.49	0.45	0.36	0.43	15.04	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.09	0.08	0.07	0.08	11.96	ppb
Tin	118-1	0.27	0.23	0.24	0.24	9.12	ppb
Titanium	47-1	0.80	1.12	0.79	0.90	20.37	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	6.48	ppb
Vanadium	51-2	0.10	0.14	0.09	0.11	24.61	ppb
Yttrium	89-1				85		%
Yttrium	89-2				94		%
Zinc	66-2	15.35	15.29	14.40	15.01	3.56	ppb
Zirconium	90-1	0.28	0.24	0.22	0.25	12.64	ppb
Zirconium	91-1	0.17	0.19	0.19	0.18	5.55	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:13:46	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	520.25	519.75	534.27	524.76	1.57	ppb
Antimony	121-1	204.12	204.33	205.53	204.66	0.37	ppb
Arsenic	75-2	207.56	205.49	205.52	206.19	0.58	ppb
Barium	135-1	104.37	105.33	105.16	104.95	0.49	ppb
Barium	137-1	106.33	106.20	106.84	106.46	0.32	ppb
Beryllium	9-1	99.00	99.99	99.57	99.52	0.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	4.39	3.71	3.83	3.98	9.09	ppb
Boron	11-1	4.73	4.66	4.20	4.53	6.30	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.71	106.79	106.94	106.81	0.11	ppb
Cadmium	106-1	82.25	82.78	85.36	83.46	1.99	ppb
Cadmium	108-1	91.26	90.09	90.74	90.70	0.65	ppb
Calcium	43-1	2033.78	2104.60	2034.97	2057.78	1.97	ppb
Calcium	44-1	2088.82	2074.81	2065.69	2076.44	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.06	99.49	101.29	100.62	0.97	ppb
Cobalt	59-2	103.62	101.88	103.74	103.08	1.01	ppb
Copper	63-2	105.43	104.86	105.73	105.34	0.42	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2158.90	2119.54	2160.26	2146.23	1.08	ppb
Iron	57-2	2167.58	2113.13	2129.07	2136.59	1.31	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:13:46	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2246.93	2223.85	2271.84	2247.54	1.07	ppb
Krypton	83-1						cps
Lead	206-1	211.72	211.50	213.01	212.08	0.38	ppb
Lead	207-1	198.73	200.48	200.03	199.75	0.45	ppb
Lead	208-1	204.94	205.57	205.68	205.39	0.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	1200.60	1182.59	1200.59	1194.59	0.87	ppb
Manganese	55-2	101.17	99.06	100.52	100.25	1.08	ppb
Molybdenum	94-1	0.10	0.19	0.14	0.14	32.84	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	11.98	ppb
Molybdenum	96-1	0.10	0.12	0.09	0.10	14.50	ppb
Molybdenum	97-1	0.05	0.07	0.07	0.06	13.41	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.21	102.74	106.05	104.67	1.65	ppb
Phosphorus	31-2	-11.57	-40.26	-0.23	-17.36		ppb
Potassium	39-2	2118.60	2096.54	2098.30	2104.48	0.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	209.05	211.30	209.98	210.11	0.54	ppb
Selenium	77-2	197.57	221.88	210.04	209.83	5.79	ppb
Selenium	78-2	212.32	209.40	201.27	207.66	2.76	ppb
Silicon	28-1	2.42	3.16	4.33	3.30	29.20	ppb
Silver	107-1	54.02	53.93	54.17	54.04	0.22	ppb
Silver	109-1	54.30	53.40	53.81	53.84	0.84	ppb
Sodium	23-2	2033.81	2021.89	2056.94	2037.55	0.87	ppb
Strontium	86-1	0.03	0.03	0.03	0.03	8.57	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.11	ppb
Sulfur	34-1	-389.68	-385.61	-359.35	-378.21		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	210.44	211.38	211.35	211.05	0.25	ppb
Thallium	205-1	213.79	212.34	213.90	213.34	0.41	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:13:46	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.00	0.01	0.01	26.44	ppb
Tin	118-1	0.06	0.11	0.06	0.08	30.56	ppb
Titanium	47-1	0.09	0.14	0.07	0.10	41.91	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.20	ppb
Vanadium	51-2	98.53	97.30	98.01	97.95	0.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	197.60	195.58	200.48	197.89	1.25	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	15.89	ppb
Zirconium	91-1	0.10	0.11	0.11	0.11	7.81	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:24:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.58	22.46	22.51	23.18	5.22	ppb
Antimony	121-1	2.19	2.02	2.15	2.12	4.21	ppb
Arsenic	75-2	1.10	1.13	1.11	1.11	1.42	ppb
Barium	135-1	11.02	11.33	10.81	11.05	2.35	ppb
Barium	137-1	11.05	10.74	11.00	10.93	1.51	ppb
Beryllium	9-1	1.09	1.16	1.15	1.14	3.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	25.26	26.34	28.18	26.59	5.55	ppb
Boron	11-1	24.30	26.21	25.63	25.38	3.85	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.23	1.13	1.21	1.19	4.37	ppb
Cadmium	106-1	1.35	0.93	1.56	1.28	25.29	ppb
Cadmium	108-1	1.19	1.61	1.43	1.41	14.98	ppb
Calcium	43-1	532.32	569.74	540.80	547.62	3.58	ppb
Calcium	44-1	545.45	544.76	548.12	546.11	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.06	1.98	2.07	4.19	ppb
Cobalt	59-2	1.11	1.08	1.05	1.08	2.64	ppb
Copper	63-2	2.13	2.14	2.14	2.14	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	59.96	58.77	58.40	59.04	1.38	ppb
Iron	57-2	56.69	59.32	59.34	58.45	2.61	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:24:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	57.05	60.85	55.72	57.87	4.60	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.04	1.09	1.06	2.41	ppb
Lead	207-1	1.11	1.07	1.05	1.08	2.89	ppb
Lead	208-1	1.08	1.08	1.07	1.07	0.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	529.90	538.93	534.10	534.31	0.85	ppb
Manganese	55-2	1.07	1.12	1.18	1.12	5.00	ppb
Molybdenum	94-1	5.12	5.35	5.21	5.23	2.23	ppb
Molybdenum	95-1	5.46	5.23	5.27	5.32	2.32	ppb
Molybdenum	96-1	5.51	5.45	5.31	5.43	1.92	ppb
Molybdenum	97-1	5.22	5.58	5.23	5.34	3.83	ppb
Molybdenum	98-1	5.50	5.53	5.44	5.49	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.22	1.14	1.18	3.68	ppb
Phosphorus	31-2	-36.21	-33.53	-15.50	-28.41		ppb
Potassium	39-2	555.12	548.77	541.78	548.56	1.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	4.79	5.34	5.08	5.07	5.49	ppb
Selenium	77-2	5.87	6.31	4.62	5.60	15.62	ppb
Selenium	78-2	5.77	5.51	5.01	5.43	7.08	ppb
Silicon	28-1	5.63	6.09	6.07	5.93	4.35	ppb
Silver	107-1	1.12	1.09	1.13	1.12	2.08	ppb
Silver	109-1	1.08	1.08	1.17	1.11	4.67	ppb
Sodium	23-2	544.16	547.48	542.32	544.65	0.48	ppb
Strontium	86-1	0.12	0.14	0.11	0.12	9.30	ppb
Strontium	88-1	0.11	0.12	0.12	0.12	2.77	ppb
Sulfur	34-1	-606.91	-395.58	-397.54	-466.68		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1.02	1.05	0.98	1.02	3.11	ppb
Thallium	205-1	1.05	1.00	1.04	1.03	2.67	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:24:24	DataFile Name :	012LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	22.27	ppb
Tin	118-1	5.06	11.04	5.21	7.10	48.01	ppb
Titanium	47-1	5.19	5.15	4.85	5.06	3.63	ppb
Uranium	238-1	0.90	0.92	0.92	0.91	1.13	ppb
Vanadium	51-2	5.20	5.11	5.16	5.15	0.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	2.31	2.28	2.47	2.35	4.38	ppb
Zirconium	90-1	1.00	1.06	1.02	1.02	3.09	ppb
Zirconium	91-1	0.93	0.89	1.02	0.94	6.88	ppb

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:27:34 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.25	-0.26	0.01	5051.07	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	34.66	ppb
Arsenic	75-2	0.00	0.02	0.00	0.01	131.95	ppb
Barium	135-1	-0.01	-0.03	-0.02	-0.02		ppb
Barium	137-1	0.02	0.00	0.01	0.01	72.39	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	34.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	3.49	3.07	2.63	3.06	13.91	ppb
Boron	11-1	3.33	3.06	2.38	2.92	16.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.01	0.02	0.02	66.50	ppb
Cadmium	106-1	1.36	0.71	0.69	0.92	41.86	ppb
Cadmium	108-1	-0.07	0.04	-0.04	-0.02		ppb
Calcium	43-1	0.36	-0.79	4.85	1.47	202.02	ppb
Calcium	44-1	-1.01	-1.13	-0.24	-0.80		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	2741.43	ppb
Copper	63-2	0.07	0.05	0.04	0.05	23.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	0.23	0.38	0.28	0.30	24.58	ppb
Iron	57-2	-0.02	0.07	-1.23	-0.39		ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:27:34	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.45	0.22	0.71	0.16	361.02	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.07	0.07	15.66	ppb
Lead	207-1	0.08	0.07	0.07	0.07	4.59	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.64	0.47	0.38	0.50	26.78	ppb
Manganese	55-2	0.06	0.03	0.02	0.04	59.69	ppb
Molybdenum	94-1	0.01	0.04	0.02	0.02	61.88	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	18.24	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	75.06	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	1.05	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	72.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.01	0.06	0.04	67.69	ppb
Phosphorus	31-2	-47.53	-29.73	-52.18	-43.15		ppb
Potassium	39-2	-6.43	-4.10	-2.81	-4.45		ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	0.03	-0.23	-0.51	-0.24		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.22	0.13	-0.12		ppb
Silicon	28-1	-3.57	-2.41	-1.81	-2.60		ppb
Silver	107-1	0.00	0.01	0.02	0.01	58.46	ppb
Silver	109-1	0.01	0.01	0.00	0.01	44.62	ppb
Sodium	23-2	8.24	9.11	8.37	8.57	5.46	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	307.30	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-422.81	-238.50	-191.92	-284.41		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.00	0.01	58.65	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.90	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:27:34	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	61.30	ppb
Tin	118-1	-0.03	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.01	0.01	0.04	0.01	227.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	819.39	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	75.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.65	-0.53	-0.58	-0.59		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	585.10	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90737.66	91057.44	90730.20	90841.77	0.21	ppb
Antimony	121-1	1.17	1.14	1.15	1.16	1.35	ppb
Arsenic	75-2	0.45	0.30	0.36	0.37	20.01	ppb
Barium	135-1	1.53	1.45	1.45	1.48	2.93	ppb
Barium	137-1	1.41	1.45	1.46	1.44	1.87	ppb
Beryllium	9-1	0.25	0.25	0.30	0.27	10.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	3.48	3.03	2.44	2.98	17.56	ppb
Boron	11-1	3.10	3.18	2.62	2.96	10.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.56	0.69	0.77	0.67	16.11	ppb
Cadmium	106-1	-0.11	-0.10	0.10	-0.04		ppb
Cadmium	108-1	16.89	14.28	13.54	14.90	11.79	ppb
Calcium	43-1	102553.27	102409.83	101737.87	102233.66	0.43	ppb
Calcium	44-1	95373.74	94698.05	94412.09	94827.96	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.15	19.24	19.49	19.30	0.92	ppb
Cobalt	59-2	1.22	1.18	1.24	1.21	2.48	ppb
Copper	63-2	7.55	7.84	7.85	7.74	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	99745.08	98554.26	99746.77	99348.70	0.69	ppb
Iron	57-2	99054.21	102757.49	103458.59	101756.76	2.33	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	99597.57	99407.34	100221.09	99742.00	0.43	ppb
Krypton	83-1						cps
Lead	206-1	4.69	4.56	4.63	4.63	1.41	ppb
Lead	207-1	4.19	4.09	4.04	4.11	1.81	ppb
Lead	208-1	4.41	4.29	4.24	4.31	2.03	ppb
Lithium	6-1				89		%
Magnesium	24-2	90231.40	91101.06	90789.54	90707.33	0.49	ppb
Manganese	55-2	7.75	7.43	7.36	7.51	2.78	ppb
Molybdenum	94-1	1380.39	1364.83	1351.58	1365.60	1.06	ppb
Molybdenum	95-1	1928.62	1922.31	1900.62	1917.18	0.77	ppb
Molybdenum	96-1	1887.56	1845.86	1824.73	1852.72	1.73	ppb
Molybdenum	97-1	1992.54	1956.39	1951.48	1966.81	1.14	ppb
Molybdenum	98-1	1948.58	1917.06	1897.78	1921.14	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.40	5.59	5.43	2.62	ppb
Phosphorus	31-2	98045.06	96460.04	96049.58	96851.56	1.09	ppb
Potassium	39-2	93952.13	93631.24	93418.17	93667.18	0.29	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				99		%
Selenium	82-1	-0.15	0.11	0.72	0.23	195.95	ppb
Selenium	77-2	0.00	0.00	0.42	0.14	173.21	ppb
Selenium	78-2	-0.78	-0.17	-0.54	-0.49		ppb
Silicon	28-1	17.17	15.21	20.59	17.66	15.41	ppb
Silver	107-1	0.01	0.02	0.01	0.02	35.49	ppb
Silver	109-1	0.01	0.03	0.03	0.02	39.06	ppb
Sodium	23-2	94189.50	96376.18	96287.83	95617.84	1.29	ppb
Strontium	86-1	3.45	3.52	3.41	3.46	1.59	ppb
Strontium	88-1	3.55	3.49	3.47	3.50	1.25	ppb
Sulfur	34-1	92718.13	93327.05	89848.85	91964.68	2.02	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.08	0.06	0.07	11.32	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	6.45	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	27.07	ppb
Tin	118-1	0.14	0.26	0.11	0.17	46.63	ppb
Titanium	47-1	1966.05	1932.13	1964.08	1954.09	0.97	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	14.12	ppb
Vanadium	51-2	0.17	0.15	0.20	0.17	12.41	ppb
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	10.83	10.88	11.06	10.92	1.09	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	16.93	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	83.98	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93244.26	92440.98	93508.14	93064.46	0.60	ppb
Antimony	121-1	21.13	21.08	20.78	21.00	0.89	ppb
Arsenic	75-2	20.09	20.41	20.19	20.23	0.81	ppb
Barium	135-1	22.18	21.54	21.51	21.74	1.76	ppb
Barium	137-1	21.89	22.16	21.35	21.80	1.89	ppb
Beryllium	9-1	19.47	19.13	19.21	19.27	0.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	63.64	68.35	66.76	66.25	3.62	ppb
Boron	11-1	67.27	65.89	66.45	66.54	1.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	20.73	20.61	19.71	20.35	2.74	ppb
Cadmium	106-1	26.04	26.98	22.98	25.34	8.25	ppb
Cadmium	108-1	36.29	37.47	36.43	36.73	1.75	ppb
Calcium	43-1	102563.93	102900.23	103257.65	102907.27	0.34	ppb
Calcium	44-1	95865.61	95484.34	94700.22	95350.06	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.92	38.66	38.67	38.75	0.38	ppb
Cobalt	59-2	20.92	20.88	20.88	20.89	0.11	ppb
Copper	63-2	27.86	27.43	27.62	27.64	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	102556.59	100283.45	101736.94	101525.66	1.13	ppb
Iron	57-2	105725.25	103996.06	104777.36	104832.89	0.83	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	102266.98	99779.95	99399.31	100482.08	1.55	ppb
Krypton	83-1						cps
Lead	206-1	24.69	24.29	23.92	24.30	1.60	ppb
Lead	207-1	22.94	22.98	22.55	22.82	1.04	ppb
Lead	208-1	23.50	23.30	23.10	23.30	0.86	ppb
Lithium	6-1				91		%
Magnesium	24-2	93603.21	93230.79	93772.06	93535.36	0.30	ppb
Manganese	55-2	27.32	27.15	27.27	27.25	0.32	ppb
Molybdenum	94-1	1478.87	1482.05	1476.81	1479.24	0.18	ppb
Molybdenum	95-1	1958.52	1950.30	1938.03	1948.95	0.53	ppb
Molybdenum	96-1	1887.59	1869.91	1885.29	1880.93	0.51	ppb
Molybdenum	97-1	1997.55	2003.74	1998.61	1999.97	0.17	ppb
Molybdenum	98-1	1948.55	1966.80	1941.66	1952.34	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.03	24.98	25.04	25.02	0.14	ppb
Phosphorus	31-2	96477.49	95511.82	95714.20	95901.17	0.53	ppb
Potassium	39-2	95724.63	94677.72	95422.07	95274.81	0.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	19.65	19.49	20.10	19.74	1.59	ppb
Selenium	77-2	23.98	16.54	14.37	18.29	27.55	ppb
Selenium	78-2	17.28	19.74	20.10	19.04	8.06	ppb
Silicon	28-1	57.37	59.78	60.70	59.28	2.90	ppb
Silver	107-1	19.32	19.60	19.07	19.33	1.37	ppb
Silver	109-1	19.51	19.65	18.96	19.37	1.88	ppb
Sodium	23-2	99721.60	98370.13	99353.75	99148.49	0.70	ppb
Strontium	86-1	8.92	9.16	9.26	9.11	1.88	ppb
Strontium	88-1	9.01	9.06	9.06	9.04	0.34	ppb
Sulfur	34-1	92212.44	92502.17	90843.35	91852.65	0.96	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	19.94	19.97	19.64	19.85	0.93	ppb
Thallium	205-1	20.13	19.96	20.01	20.04	0.43	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	38.05	ppb
Tin	118-1	54.10	55.19	53.44	54.25	1.63	ppb
Titanium	47-1	2004.84	1991.65	1994.38	1996.95	0.35	ppb
Uranium	238-1	52.15	51.93	51.89	51.99	0.28	ppb
Vanadium	51-2	19.37	19.56	19.03	19.32	1.39	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	30.23	30.09	29.11	29.81	2.05	ppb
Zirconium	90-1	54.98	55.37	54.78	55.04	0.55	ppb
Zirconium	91-1	54.30	53.88	54.27	54.15	0.43	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49066.71	49319.31	48518.07	48968.03	0.84	ppb
Antimony	121-1	494.25	486.18	497.71	492.71	1.20	ppb
Arsenic	75-2	488.18	480.61	481.42	483.40	0.86	ppb
Barium	135-1	2515.65	2481.78	2484.94	2494.12	0.75	ppb
Barium	137-1	2436.54	2408.44	2427.55	2424.18	0.59	ppb
Beryllium	9-1	465.89	467.80	481.96	471.88	1.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	467.51	487.43	486.10	480.35	2.32	ppb
Boron	11-1	467.80	497.98	499.79	488.52	3.68	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	478.14	476.97	477.72	477.61	0.12	ppb
Cadmium	106-1	464.87	473.87	479.94	472.89	1.60	ppb
Cadmium	108-1	477.03	475.30	471.02	474.45	0.65	ppb
Calcium	43-1	261417.11	259690.52	262918.44	261342.03	0.62	ppb
Calcium	44-1	241757.34	241372.69	242999.18	242043.07	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.52	489.74	483.39	485.55	0.75	ppb
Cobalt	59-2	478.23	485.38	478.03	480.55	0.87	ppb
Copper	63-2	4902.54	4954.78	4828.58	4895.30	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				103		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	125476.88	125995.52	124414.81	125295.74	0.64	ppb
Iron	57-2	123785.77	126168.24	124521.78	124825.26	0.98	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	125466.73	126206.64	125344.81	125672.72	0.37	ppb
Krypton	83-1						cps
Lead	206-1	2490.01	2494.31	2497.64	2493.99	0.15	ppb
Lead	207-1	2469.30	2479.78	2450.40	2466.49	0.60	ppb
Lead	208-1	2476.94	2476.43	2460.51	2471.29	0.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	244612.02	246910.91	242270.08	244597.67	0.95	ppb
Manganese	55-2	4821.19	4828.58	4821.66	4823.81	0.09	ppb
Molybdenum	94-1	2429.10	2413.86	2470.16	2437.71	1.19	ppb
Molybdenum	95-1	2417.88	2425.17	2445.24	2429.43	0.58	ppb
Molybdenum	96-1	2439.94	2434.72	2461.90	2445.52	0.59	ppb
Molybdenum	97-1	2470.96	2483.68	2526.28	2493.64	1.16	ppb
Molybdenum	98-1	2409.99	2433.16	2458.64	2433.93	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.10	485.40	477.51	479.67	1.05	ppb
Phosphorus	31-2	10037.54	9802.34	9386.60	9742.16	3.38	ppb
Potassium	39-2	122564.40	123476.05	120925.73	122322.06	1.06	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	82-1	472.39	472.86	468.56	471.27	0.50	ppb
Selenium	77-2	492.40	465.11	438.49	465.34	5.79	ppb
Selenium	78-2	482.61	481.75	490.43	484.93	0.99	ppb
Silicon	28-1	443.06	473.68	481.06	465.93	4.33	ppb
Silver	107-1	484.79	485.53	488.81	486.38	0.44	ppb
Silver	109-1	493.28	487.94	490.10	490.44	0.55	ppb
Sodium	23-2	249649.87	253397.95	246097.93	249715.25	1.46	ppb
Strontium	86-1	486.76	483.28	483.33	484.46	0.41	ppb
Strontium	88-1	488.74	488.36	484.37	487.16	0.50	ppb
Sulfur	34-1	8514.50	8638.48	8873.33	8675.44	2.10	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	506.10	502.76	506.57	505.14	0.41	ppb
Thallium	205-1	493.46	495.09	494.86	494.47	0.18	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	507.91	499.68	502.17	503.25	0.84	ppb
Tin	118-1	486.59	478.65	483.22	482.82	0.82	ppb
Titanium	47-1	2433.72	2446.24	2438.02	2439.33	0.26	ppb
Uranium	238-1	503.96	498.82	500.38	501.05	0.53	ppb
Vanadium	51-2	490.76	489.15	486.47	488.79	0.44	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	4877.73	4919.78	4841.96	4879.83	0.80	ppb
Zirconium	90-1	501.52	500.96	505.79	502.76	0.52	ppb
Zirconium	91-1	487.06	485.98	498.39	490.48	1.40	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.55	-0.23	-0.01	-0.26		ppb
Antimony	121-1	0.05	0.07	0.05	0.06	16.38	ppb
Arsenic	75-2	0.02	0.02	0.00	0.01	77.80	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	0.01	0.01	0.01	0.01	38.27	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	66.37	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	4.67	5.30	4.18	4.72	11.90	ppb
Boron	11-1	4.51	5.12	4.08	4.57	11.47	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.04	-0.06	-0.02	-0.04		ppb
Cadmium	106-1	-1.77	-3.31	-1.67	-2.25		ppb
Cadmium	108-1	-0.02	-0.13	-0.10	-0.08		ppb
Calcium	43-1	-0.95	-2.02	1.61	-0.45		ppb
Calcium	44-1	-0.15	1.24	0.84	0.64	111.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.05	-0.01	0.01	487.86	ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	86.13	ppb
Copper	63-2	0.21	0.14	0.17	0.18	19.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	0.71	0.63	0.72	0.68	7.40	ppb
Iron	57-2	0.88	0.31	-0.35	0.28	219.19	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-0.06	0.74	-0.89	-0.07		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.08	0.08	19.19	ppb
Lead	207-1	0.07	0.09	0.09	0.08	13.21	ppb
Lead	208-1	0.08	0.08	0.08	0.08	0.78	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.60	1.99	1.59	1.72	13.18	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	8.30	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	2.01	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	21.26	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	10.99	ppb
Molybdenum	97-1	0.04	0.04	0.06	0.05	18.50	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	27.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	55.24	ppb
Phosphorus	31-2	-38.57	-54.36	-30.36	-41.10		ppb
Potassium	39-2	18.71	-9.96	9.01	5.92	246.26	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.22	0.12	0.22	0.19	29.06	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	-0.29	0.82	0.03	2224.55	ppb
Silicon	28-1	-3.11	-0.98	1.15	-0.98		ppb
Silver	107-1	0.01	0.00	0.01	0.01	38.87	ppb
Silver	109-1	0.02	0.01	0.01	0.01	17.03	ppb
Sodium	23-2	33.78	26.04	28.25	29.36	13.58	ppb
Strontium	86-1	0.01	0.00	0.01	0.00	79.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	58.40	ppb
Sulfur	34-1	-628.17	-386.98	-147.27	-387.48		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.04	0.06	0.06	22.57	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	14.00	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	9.91	ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb
Titanium	47-1	0.01	0.01	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.92	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	77.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	-0.68	-0.64	-0.56	-0.63		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	33.47	ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	166.24	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	21.55	21.03	21.32	1.23	ppb
Antimony	121-1	2.13	2.17	2.05	2.12	2.85	ppb
Arsenic	75-2	1.10	1.10	1.05	1.08	2.72	ppb
Barium	135-1	10.70	10.70	10.65	10.68	0.27	ppb
Barium	137-1	10.66	10.59	10.86	10.70	1.32	ppb
Beryllium	9-1	1.02	1.15	0.95	1.04	9.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	29.24	28.90	26.35	28.17	5.60	ppb
Boron	11-1	27.23	27.74	27.30	27.42	1.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.18	1.18	1.15	1.17	1.80	ppb
Cadmium	106-1	0.70	-0.14	1.48	0.68	119.22	ppb
Cadmium	108-1	1.38	0.97	1.75	1.37	28.65	ppb
Calcium	43-1	539.57	520.36	527.59	529.17	1.83	ppb
Calcium	44-1	558.53	539.10	539.55	545.73	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.11	2.19	2.13	2.29	ppb
Cobalt	59-2	1.11	0.99	1.04	1.05	5.79	ppb
Copper	63-2	2.24	2.24	2.15	2.21	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	58.74	56.97	58.12	57.94	1.55	ppb
Iron	57-2	57.26	53.85	64.69	58.60	9.46	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	59.66	64.01	62.94	62.20	3.65	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.09	1.08	1.08	0.56	ppb
Lead	207-1	1.01	1.13	1.04	1.06	5.61	ppb
Lead	208-1	1.06	1.10	1.06	1.07	2.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	543.62	522.32	528.03	531.32	2.07	ppb
Manganese	55-2	1.16	1.17	1.12	1.15	2.40	ppb
Molybdenum	94-1	5.26	5.10	5.04	5.13	2.23	ppb
Molybdenum	95-1	5.32	5.27	5.35	5.31	0.75	ppb
Molybdenum	96-1	5.44	5.40	5.34	5.39	1.00	ppb
Molybdenum	97-1	5.41	5.14	5.12	5.22	3.11	ppb
Molybdenum	98-1	5.64	5.35	5.45	5.48	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.13	1.04	1.15	10.83	ppb
Phosphorus	31-2	-41.20	-61.85	-27.98	-43.68		ppb
Potassium	39-2	551.81	543.87	552.88	549.52	0.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	5.43	5.73	5.41	5.53	3.20	ppb
Selenium	77-2	4.35	6.82	4.68	5.28	25.34	ppb
Selenium	78-2	3.60	3.83	5.18	4.20	20.31	ppb
Silicon	28-1	6.06	5.65	7.88	6.53	18.20	ppb
Silver	107-1	1.06	1.08	1.16	1.10	4.82	ppb
Silver	109-1	1.10	1.07	1.05	1.07	2.51	ppb
Sodium	23-2	571.61	550.57	556.67	559.62	1.93	ppb
Strontium	86-1	0.13	0.12	0.12	0.12	4.96	ppb
Strontium	88-1	0.12	0.12	0.12	0.12	1.39	ppb
Sulfur	34-1	-711.97	-835.88	-439.46	-662.44		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1.08	1.09	1.10	1.09	0.82	ppb
Thallium	205-1	1.06	1.08	1.10	1.08	2.10	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.01	0.00	0.01	16.63	ppb
Tin	118-1	5.07	5.03	5.14	5.08	1.16	ppb
Titanium	47-1	5.03	4.65	5.40	5.02	7.48	ppb
Uranium	238-1	0.90	0.92	0.91	0.91	1.32	ppb
Vanadium	51-2	5.13	5.25	5.13	5.17	1.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.32	2.32	2.51	2.39	4.71	ppb
Zirconium	90-1	1.07	0.98	1.04	1.03	4.47	ppb
Zirconium	91-1	0.99	0.84	0.97	0.93	8.91	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.87	107.49	98.80	104.05	4.44	ppb
Antimony	121-1	0.30	0.31	0.30	0.30	2.22	ppb
Arsenic	75-2	1.48	1.42	1.36	1.42	4.30	ppb
Barium	135-1	47.64	47.32	46.84	47.27	0.85	ppb
Barium	137-1	48.13	47.16	48.56	47.95	1.50	ppb
Beryllium	9-1	0.03	0.06	0.05	0.05	33.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	74.30	80.55	80.35	78.40	4.53	ppb
Boron	11-1	75.59	83.82	84.52	81.31	6.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	0.04	0.03	52.38	ppb
Cadmium	106-1	1.41	-0.27	0.51	0.55	153.73	ppb
Cadmium	108-1	0.04	-0.16	-0.07	-0.06		ppb
Calcium	43-1	23981.60	23852.39	24025.18	23953.05	0.38	ppb
Calcium	44-1	22223.70	22274.09	22375.22	22291.00	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.80	0.88	0.83	5.05	ppb
Cobalt	59-2	0.37	0.41	0.34	0.37	10.04	ppb
Copper	63-2	3.71	3.67	3.78	3.72	1.56	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				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	636.63	642.63	632.58	637.28	0.79	ppb
Iron	57-2	688.45	717.18	666.71	690.78	3.66	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	648.98	655.92	648.48	651.13	0.64	ppb
Krypton	83-1						cps
Lead	206-1	0.68	0.64	0.65	0.66	3.34	ppb
Lead	207-1	0.66	0.65	0.64	0.65	1.84	ppb
Lead	208-1	0.68	0.65	0.64	0.66	2.75	ppb
Lithium	6-1				90		%
Magnesium	24-2	7916.84	8033.99	7838.39	7929.74	1.24	ppb
Manganese	55-2	243.31	246.61	244.58	244.83	0.68	ppb
Molybdenum	94-1	0.93	1.04	1.09	1.02	8.16	ppb
Molybdenum	95-1	1.27	1.20	1.27	1.25	3.03	ppb
Molybdenum	96-1	1.18	1.22	1.22	1.20	1.85	ppb
Molybdenum	97-1	1.36	1.29	1.27	1.31	3.73	ppb
Molybdenum	98-1	1.21	1.29	1.32	1.27	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.87	1.92	1.90	1.34	ppb
Phosphorus	31-2	279.26	321.56	311.05	303.96	7.25	ppb
Potassium	39-2	3017.78	3064.24	3059.19	3047.07	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.63	0.07	0.20	0.30	99.29	ppb
Selenium	77-2	0.00	0.00	0.43	0.14	173.21	ppb
Selenium	78-2	-0.15	0.33	0.17	0.11	214.82	ppb
Silicon	28-1	2962.42	2998.00	2950.68	2970.37	0.83	ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.87	ppb
Silver	109-1	0.02	0.03	0.02	0.03	18.52	ppb
Sodium	23-2	30921.07	31454.80	30608.96	30994.94	1.38	ppb
Strontium	86-1	12.62	12.59	12.80	12.67	0.91	ppb
Strontium	88-1	12.85	12.72	12.85	12.81	0.62	ppb
Sulfur	34-1	7298.14	7656.18	7378.09	7444.14	2.52	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.04	0.04	16.97	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.76	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.02	0.02	0.02	12.63	ppb
Tin	118-1	0.10	0.07	0.06	0.08	27.44	ppb
Titanium	47-1	3.56	3.55	3.43	3.51	2.06	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	0.94	ppb
Vanadium	51-2	0.93	1.01	0.98	0.97	4.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	7.27	7.06	7.57	7.30	3.57	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	7.42	ppb
Zirconium	91-1	0.04	0.08	0.03	0.05	48.76	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.34	114.49	113.41	117.08	4.65	ppb
Antimony	121-1	0.36	0.33	0.37	0.35	6.51	ppb
Arsenic	75-2	4.76	4.56	4.52	4.61	2.75	ppb
Barium	135-1	70.78	69.93	71.09	70.60	0.85	ppb
Barium	137-1	71.25	70.89	72.45	71.53	1.14	ppb
Beryllium	9-1	0.02	0.02	0.05	0.03	66.48	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	124.29	131.96	128.82	128.36	3.00	ppb
Boron	11-1	127.38	129.13	136.39	130.97	3.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.10	0.05	0.06	68.11	ppb
Cadmium	106-1	-0.39	1.54	0.48	0.54	178.62	ppb
Cadmium	108-1	-0.03	0.00	0.05	0.01	609.09	ppb
Calcium	43-1	31593.05	31771.58	32002.46	31789.03	0.65	ppb
Calcium	44-1	29723.66	29377.62	29642.39	29581.22	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.48	1.38	1.47	1.44	3.85	ppb
Cobalt	59-2	0.80	0.78	0.75	0.78	3.12	ppb
Copper	63-2	7.17	7.18	7.09	7.15	0.64	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				115		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	2153.59	2106.75	2119.39	2126.58	1.14	ppb
Iron	57-2	2193.14	2141.68	2118.48	2151.10	1.78	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2153.84	2139.67	2173.41	2155.64	0.79	ppb
Krypton	83-1						cps
Lead	206-1	2.21	2.28	2.18	2.23	2.30	ppb
Lead	207-1	2.08	2.07	2.08	2.07	0.38	ppb
Lead	208-1	2.10	2.12	2.14	2.12	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	10574.33	10235.39	10166.39	10325.37	2.11	ppb
Manganese	55-2	715.75	698.13	700.07	704.65	1.37	ppb
Molybdenum	94-1	1.07	1.22	1.22	1.17	7.35	ppb
Molybdenum	95-1	1.51	1.49	1.44	1.48	2.56	ppb
Molybdenum	96-1	1.51	1.47	1.42	1.47	3.07	ppb
Molybdenum	97-1	1.40	1.35	1.38	1.38	1.90	ppb
Molybdenum	98-1	1.50	1.40	1.43	1.44	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.35	3.19	3.37	3.30	2.99	ppb
Phosphorus	31-2	221.87	214.58	173.31	203.25	12.88	ppb
Potassium	39-2	3095.15	3034.20	3024.42	3051.26	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.94	-0.55	0.56	0.31	246.44	ppb
Selenium	77-2	0.00	0.00	1.99	0.66	173.21	ppb
Selenium	78-2	-0.12	-0.08	0.22	0.01	2548.30	ppb
Silicon	28-1	4060.69	4016.87	4021.83	4033.13	0.59	ppb
Silver	107-1	0.02	0.02	0.03	0.02	17.55	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.03	ppb
Sodium	23-2	41863.17	40751.68	39671.88	40762.24	2.69	ppb
Strontium	86-1	15.85	16.03	15.78	15.89	0.84	ppb
Strontium	88-1	16.12	16.13	15.98	16.08	0.51	ppb
Sulfur	34-1	10624.62	10732.38	10694.45	10683.82	0.51	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.03	0.03	12.11	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	14.26	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.03	0.02	16.59	ppb
Tin	118-1	-0.06	-0.04	-0.04	-0.05		ppb
Titanium	47-1	3.11	3.44	2.96	3.17	7.72	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	2.31	ppb
Vanadium	51-2	1.48	1.43	1.51	1.47	2.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	14.85	14.63	14.53	14.67	1.14	ppb
Zirconium	90-1	0.12	0.07	0.11	0.10	27.32	ppb
Zirconium	91-1	0.09	0.10	0.09	0.09	8.58	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98.46	94.46	96.24	96.39	2.08	ppb
Antimony	121-1	0.34	0.31	0.31	0.32	6.04	ppb
Arsenic	75-2	1.05	1.01	0.85	0.97	10.62	ppb
Barium	135-1	65.93	64.48	63.92	64.78	1.60	ppb
Barium	137-1	67.05	65.01	64.56	65.54	2.03	ppb
Beryllium	9-1	0.02	0.04	0.00	0.02	121.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	146.80	145.59	146.72	146.37	0.46	ppb
Boron	11-1	158.18	155.78	158.74	157.57	1.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	0.03	0.01	104.99	ppb
Cadmium	106-1	-0.75	0.35	0.13	-0.09		ppb
Cadmium	108-1	-0.07	0.07	-0.07	-0.03		ppb
Calcium	43-1	36468.48	36294.74	36618.24	36460.48	0.44	ppb
Calcium	44-1	33622.52	34024.39	34071.43	33906.11	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.69	0.69	0.73	0.70	3.45	ppb
Cobalt	59-2	0.17	0.23	0.20	0.20	15.22	ppb
Copper	63-2	2.92	2.88	2.93	2.91	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	264.39	265.87	263.10	264.45	0.52	ppb
Iron	57-2	323.50	338.28	339.45	333.74	2.66	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	261.32	256.51	263.68	260.50	1.40	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.46	0.42	0.44	3.91	ppb
Lead	207-1	0.42	0.46	0.46	0.45	5.81	ppb
Lead	208-1	0.44	0.46	0.44	0.45	2.33	ppb
Lithium	6-1				91		%
Magnesium	24-2	10463.97	10265.07	10300.66	10343.23	1.03	ppb
Manganese	55-2	111.27	111.40	110.04	110.90	0.68	ppb
Molybdenum	94-1	0.75	0.91	0.77	0.81	10.41	ppb
Molybdenum	95-1	1.11	0.98	0.90	1.00	10.59	ppb
Molybdenum	96-1	0.93	0.99	0.96	0.96	3.25	ppb
Molybdenum	97-1	0.91	0.92	1.07	0.97	8.80	ppb
Molybdenum	98-1	1.03	0.99	0.94	0.99	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.20	1.19	1.18	2.84	ppb
Phosphorus	31-2	114.18	55.46	87.78	85.81	34.27	ppb
Potassium	39-2	2932.52	2906.58	2896.63	2911.91	0.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	0.31	0.64	0.41	0.45	38.20	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.56	-0.27	1.20	0.49	149.80	ppb
Silicon	28-1	3712.31	3707.96	3790.62	3736.96	1.24	ppb
Silver	107-1	0.01	0.01	0.01	0.01	1.02	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.74	ppb
Sodium	23-2	54569.80	53957.81	54383.72	54303.78	0.58	ppb
Strontium	86-1	17.28	17.23	17.43	17.31	0.58	ppb
Strontium	88-1	17.34	17.36	17.55	17.42	0.67	ppb
Sulfur	34-1	9668.68	9567.69	9255.80	9497.39	2.27	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.02	0.03	0.03	26.09	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	18.35	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	11.33	ppb
Tin	118-1	0.04	-0.02	0.02	0.01	238.85	ppb
Titanium	47-1	3.32	4.21	6.24	4.59	32.61	ppb
Uranium	238-1	0.09	0.10	0.11	0.10	7.19	ppb
Vanadium	51-2	1.67	1.56	1.58	1.61	3.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	6.59	6.98	6.52	6.70	3.72	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	11.02	ppb
Zirconium	91-1	0.06	0.09	0.07	0.07	20.79	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95.34	92.47	90.09	92.63	2.84	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	5.26	ppb
Arsenic	75-2	0.54	0.44	0.50	0.49	10.40	ppb
Barium	135-1	34.08	33.54	32.95	33.52	1.68	ppb
Barium	137-1	35.04	33.42	33.58	34.02	2.62	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	32.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	36.51	34.50	34.21	35.07	3.57	ppb
Boron	11-1	37.21	37.13	38.10	37.48	1.43	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.03	0.03	0.01	309.68	ppb
Cadmium	106-1	0.85	-1.06	1.02	0.27	422.92	ppb
Cadmium	108-1	0.02	-0.02	-0.02	-0.01		ppb
Calcium	43-1	18019.16	17836.75	17950.82	17935.57	0.51	ppb
Calcium	44-1	18045.24	17930.93	18037.94	18004.70	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.43	0.47	0.51	0.47	7.68	ppb
Cobalt	59-2	0.11	0.14	0.10	0.11	16.86	ppb
Copper	63-2	1.47	1.55	1.58	1.53	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	209.13	208.81	209.04	209.00	0.08	ppb
Iron	57-2	243.65	250.28	241.50	245.14	1.87	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	205.87	209.89	206.04	207.27	1.10	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.27	0.27	0.26	0.98	ppb
Lead	207-1	0.25	0.27	0.26	0.26	2.28	ppb
Lead	208-1	0.26	0.26	0.25	0.26	2.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	6589.24	6527.11	6484.67	6533.67	0.80	ppb
Manganese	55-2	22.28	22.43	22.28	22.33	0.37	ppb
Molybdenum	94-1	0.47	0.54	0.54	0.51	7.62	ppb
Molybdenum	95-1	0.70	0.63	0.60	0.64	8.05	ppb
Molybdenum	96-1	0.66	0.63	0.67	0.65	3.24	ppb
Molybdenum	97-1	0.63	0.69	0.77	0.70	9.60	ppb
Molybdenum	98-1	0.69	0.70	0.71	0.70	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.49	0.49	0.49	0.72	ppb
Phosphorus	31-2	-8.72	-33.11	-22.62	-21.48		ppb
Potassium	39-2	2001.41	1985.84	1984.55	1990.60	0.47	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	0.39	0.29	0.40	0.36	17.20	ppb
Selenium	77-2	0.44	0.88	0.00	0.44	99.83	ppb
Selenium	78-2	0.64	0.33	-0.40	0.19	281.20	ppb
Silicon	28-1	2324.59	2274.64	2294.69	2297.97	1.09	ppb
Silver	107-1	0.02	0.01	0.00	0.01	87.74	ppb
Silver	109-1	0.01	0.01	0.00	0.01	54.38	ppb
Sodium	23-2	19479.16	19115.78	19192.02	19262.32	0.99	ppb
Strontium	86-1	9.65	9.71	9.68	9.68	0.34	ppb
Strontium	88-1	9.75	9.70	9.93	9.79	1.22	ppb
Sulfur	34-1	2637.82	2264.24	2158.45	2353.51	10.70	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.02	0.03	25.98	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	8.52	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.03	0.02	0.02	27.12	ppb
Tin	118-1	0.00	0.02	-0.03	0.00		ppb
Titanium	47-1	2.44	2.63	2.73	2.60	5.70	ppb
Uranium	238-1	0.12	0.13	0.12	0.12	2.41	ppb
Vanadium	51-2	0.86	0.85	0.91	0.87	3.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1.49	1.69	1.60	1.59	6.29	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	17.27	ppb
Zirconium	91-1	0.04	0.05	0.02	0.04	35.33	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.18	4.78	5.23	5.40	13.32	ppb
Antimony	121-1	0.34	0.35	0.36	0.35	1.94	ppb
Arsenic	75-2	0.81	0.81	0.98	0.87	11.53	ppb
Barium	135-1	68.03	65.74	64.70	66.16	2.58	ppb
Barium	137-1	67.96	67.21	66.22	67.13	1.30	ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	238.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	153.34	161.19	163.49	159.34	3.34	ppb
Boron	11-1	162.07	166.25	171.61	166.64	2.87	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.04	0.01	-0.03	0.01	391.22	ppb
Cadmium	106-1	1.36	0.06	-1.40	0.01	20461.05	ppb
Cadmium	108-1	0.05	0.07	0.01	0.04	72.27	ppb
Calcium	43-1	40381.88	40640.79	40564.86	40529.17	0.33	ppb
Calcium	44-1	37509.91	37960.96	37822.74	37764.54	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.29	0.31	0.32	10.34	ppb
Cobalt	59-2	0.32	0.30	0.33	0.32	4.72	ppb
Copper	63-2	1.71	1.61	1.66	1.66	3.02	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				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	22.02	22.31	21.57	21.96	1.69	ppb
Iron	57-2	103.37	104.60	106.68	104.88	1.60	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.68	20.98	21.67	21.77	3.94	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	13.21	ppb
Lead	207-1	0.08	0.08	0.08	0.08	3.58	ppb
Lead	208-1	0.07	0.08	0.07	0.07	10.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	15070.85	15141.47	15287.62	15166.65	0.73	ppb
Manganese	55-2	479.58	474.65	478.13	477.45	0.53	ppb
Molybdenum	94-1	0.92	0.77	0.84	0.84	8.84	ppb
Molybdenum	95-1	1.19	1.25	1.15	1.20	4.29	ppb
Molybdenum	96-1	1.07	1.13	1.13	1.11	2.79	ppb
Molybdenum	97-1	1.02	1.05	1.16	1.08	6.80	ppb
Molybdenum	98-1	1.16	1.08	1.15	1.13	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.18	1.14	1.21	7.38	ppb
Phosphorus	31-2	-14.91	11.33	19.20	5.21	343.04	ppb
Potassium	39-2	3254.33	3269.71	3243.52	3255.85	0.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	-0.10	0.20	0.10	0.07	231.12	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	0.07	-0.88	-0.16		ppb
Silicon	28-1	4144.32	4139.73	4170.24	4151.43	0.40	ppb
Silver	107-1	0.00	0.00	0.00	0.00	72.33	ppb
Silver	109-1	0.01	0.00	0.00	0.00	102.95	ppb
Sodium	23-2	53750.37	54548.88	54660.36	54319.87	0.91	ppb
Strontium	86-1	19.30	18.97	19.12	19.13	0.88	ppb
Strontium	88-1	19.46	19.20	19.31	19.32	0.70	ppb
Sulfur	34-1	16051.60	15844.36	16016.05	15970.67	0.69	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.93	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.11	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.00	0.00	0.00	0.00	59.37	ppb
Tin	118-1	0.04	0.02	0.03	0.03	36.94	ppb
Titanium	47-1	0.45	0.49	0.50	0.48	5.10	ppb
Uranium	238-1	0.15	0.15	0.14	0.15	1.90	ppb
Vanadium	51-2	0.74	0.71	0.74	0.73	2.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	3.57	3.39	3.88	3.61	6.79	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	45.69	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	80.18	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	170.81	165.08	168.07	167.98	1.71	ppb
Antimony	121-1	0.37	0.38	0.41	0.39	4.90	ppb
Arsenic	75-2	3.35	3.45	3.29	3.36	2.43	ppb
Barium	135-1	54.89	53.74	57.83	55.49	3.80	ppb
Barium	137-1	55.54	54.93	57.59	56.02	2.49	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	24.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	57.55	61.75	65.19	61.50	6.22	ppb
Boron	11-1	60.03	63.77	65.08	62.96	4.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.05	0.09	0.02	0.05	68.20	ppb
Cadmium	106-1	-0.49	2.12	-1.02	0.21	817.17	ppb
Cadmium	108-1	0.04	-0.01	0.15	0.06	138.02	ppb
Calcium	43-1	17138.45	17305.09	17888.74	17444.09	2.26	ppb
Calcium	44-1	17333.75	17278.95	18195.56	17602.75	2.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.25	2.30	2.26	1.63	ppb
Cobalt	59-2	1.41	1.47	1.37	1.41	3.54	ppb
Copper	63-2	6.29	6.29	6.14	6.24	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	2633.36	2611.89	2607.90	2617.71	0.52	ppb
Iron	57-2	2649.42	2623.04	2604.72	2625.72	0.86	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2675.02	2649.05	2645.47	2656.51	0.61	ppb
Krypton	83-1						cps
Lead	206-1	1.82	1.85	1.87	1.85	1.28	ppb
Lead	207-1	1.63	1.68	1.82	1.71	5.79	ppb
Lead	208-1	1.74	1.74	1.85	1.77	3.46	ppb
Lithium	6-1				90		%
Magnesium	24-2	3692.67	3634.05	3647.45	3658.06	0.84	ppb
Manganese	55-2	617.95	612.91	608.28	613.05	0.79	ppb
Molybdenum	94-1	1.02	1.01	1.26	1.09	12.82	ppb
Molybdenum	95-1	1.19	1.38	1.38	1.32	8.20	ppb
Molybdenum	96-1	1.29	1.23	1.40	1.31	6.82	ppb
Molybdenum	97-1	1.43	1.33	1.55	1.44	7.51	ppb
Molybdenum	98-1	1.31	1.27	1.39	1.32	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.30	3.30	3.15	3.25	2.77	ppb
Phosphorus	31-2	270.52	234.85	256.06	253.81	7.07	ppb
Potassium	39-2	6718.60	6580.94	6563.92	6621.15	1.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				90		%
Scandium	45-2				97		%
Selenium	82-1	0.52	0.59	0.61	0.58	8.76	ppb
Selenium	77-2	0.44	0.00	0.42	0.29	86.65	ppb
Selenium	78-2	1.01	0.07	0.17	0.41	124.67	ppb
Silicon	28-1	2512.09	2503.69	2659.98	2558.58	3.44	ppb
Silver	107-1	0.05	0.04	0.04	0.04	7.06	ppb
Silver	109-1	0.05	0.05	0.04	0.05	4.47	ppb
Sodium	23-2	14967.84	14761.67	14595.96	14775.16	1.26	ppb
Strontium	86-1	9.93	9.72	10.44	10.03	3.69	ppb
Strontium	88-1	10.00	10.04	10.50	10.18	2.76	ppb
Sulfur	34-1	2559.95	2693.72	3276.67	2843.45	13.40	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	15.75	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	25.20	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.05	0.04	0.05	0.05	4.80	ppb
Tin	118-1	0.13	0.15	0.13	0.14	8.75	ppb
Titanium	47-1	7.16	6.70	7.21	7.02	4.05	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	4.97	ppb
Vanadium	51-2	2.04	1.94	1.88	1.96	4.14	ppb
Yttrium	89-1				95		%
Yttrium	89-2				100		%
Zinc	66-2	32.46	31.98	32.86	32.43	1.37	ppb
Zirconium	90-1	0.08	0.10	0.10	0.09	12.13	ppb
Zirconium	91-1	0.10	0.08	0.10	0.10	11.58	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	168.01	176.51	169.08	171.20	2.70	ppb
Antimony	121-1	0.32	0.37	0.32	0.34	7.24	ppb
Arsenic	75-2	1.11	1.04	1.35	1.16	13.87	ppb
Barium	135-1	72.60	79.05	75.90	75.85	4.25	ppb
Barium	137-1	73.96	79.91	76.03	76.63	3.94	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	51.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	165.03	189.05	178.28	177.45	6.78	ppb
Boron	11-1	169.10	190.79	183.46	181.12	6.09	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.06	0.06	0.05	30.05	ppb
Cadmium	106-1	0.51	1.62	0.05	0.73	111.33	ppb
Cadmium	108-1	0.07	0.02	0.13	0.07	76.66	ppb
Calcium	43-1	40936.38	44361.22	42670.91	42656.17	4.01	ppb
Calcium	44-1	38109.88	42282.04	39367.35	39919.76	5.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.13	1.05	1.13	1.10	4.23	ppb
Cobalt	59-2	0.41	0.43	0.46	0.43	5.51	ppb
Copper	63-2	3.67	3.51	3.78	3.65	3.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	886.99	879.48	877.20	881.22	0.58	ppb
Iron	57-2	944.21	946.16	955.31	948.56	0.62	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	893.81	898.75	875.41	889.32	1.38	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.93	0.89	0.89	4.15	ppb
Lead	207-1	0.84	0.90	0.86	0.87	3.31	ppb
Lead	208-1	0.85	0.90	0.87	0.87	2.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	14000.63	13987.04	13515.51	13834.39	2.00	ppb
Manganese	55-2	400.37	395.81	395.67	397.29	0.67	ppb
Molybdenum	94-1	0.93	1.02	0.98	0.98	4.69	ppb
Molybdenum	95-1	1.05	1.22	1.14	1.14	7.70	ppb
Molybdenum	96-1	1.14	1.23	1.10	1.16	5.92	ppb
Molybdenum	97-1	1.09	1.15	1.17	1.14	3.63	ppb
Molybdenum	98-1	1.10	1.15	1.13	1.13	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.57	1.58	1.57	0.86	ppb
Phosphorus	31-2	153.68	139.20	151.48	148.12	5.27	ppb
Potassium	39-2	3512.90	3471.81	3505.61	3496.77	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				100		%
Selenium	82-1	0.52	1.33	0.66	0.83	51.59	ppb
Selenium	77-2	0.85	0.43	0.41	0.56	44.87	ppb
Selenium	78-2	0.47	-0.60	0.75	0.20	347.16	ppb
Silicon	28-1	4369.73	4712.92	4501.26	4527.97	3.82	ppb
Silver	107-1	0.02	0.01	0.01	0.01	47.67	ppb
Silver	109-1	0.01	0.01	0.02	0.01	25.09	ppb
Sodium	23-2	57061.06	56658.25	54377.12	56032.14	2.58	ppb
Strontium	86-1	19.32	20.79	20.12	20.08	3.67	ppb
Strontium	88-1	19.46	21.04	20.05	20.18	3.95	ppb
Sulfur	34-1	15640.20	17551.95	16531.76	16574.63	5.77	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	13.58	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	4.55	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.04	0.04	0.04	10.19	ppb
Tin	118-1	0.04	0.08	0.10	0.08	37.45	ppb
Titanium	47-1	6.22	7.52	7.40	7.05	10.16	ppb
Uranium	238-1	0.17	0.19	0.18	0.18	5.65	ppb
Vanadium	51-2	1.61	1.63	1.76	1.67	4.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	13.63	13.49	14.37	13.83	3.43	ppb
Zirconium	90-1	0.10	0.09	0.08	0.09	10.53	ppb
Zirconium	91-1	0.11	0.09	0.06	0.09	30.10	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.73	61.52	54.00	58.75	7.03	ppb
Antimony	121-1	0.27	0.23	0.27	0.26	8.71	ppb
Arsenic	75-2	1.00	0.72	1.02	0.92	18.08	ppb
Barium	135-1	65.92	65.69	67.15	66.25	1.18	ppb
Barium	137-1	66.95	66.23	68.74	67.31	1.93	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	106.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	142.80	137.08	160.81	146.89	8.43	ppb
Boron	11-1	143.24	154.82	167.73	155.26	7.89	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.06	0.01	-0.03	0.01	362.46	ppb
Cadmium	106-1	1.95	0.35	-1.27	0.35	466.11	ppb
Cadmium	108-1	-0.02	0.13	0.04	0.05	145.73	ppb
Calcium	43-1	38490.27	38359.42	37792.20	38213.96	0.97	ppb
Calcium	44-1	35563.24	35716.17	34993.44	35424.28	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.37	0.37	0.39	10.02	ppb
Cobalt	59-2	0.18	0.14	0.18	0.17	13.99	ppb
Copper	63-2	2.08	2.02	2.07	2.06	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	231.16	220.22	223.57	224.98	2.49	ppb
Iron	57-2	304.99	300.13	297.28	300.80	1.30	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	234.37	219.73	223.71	225.94	3.35	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.26	0.25	0.27	10.65	ppb
Lead	207-1	0.28	0.29	0.29	0.28	1.95	ppb
Lead	208-1	0.28	0.28	0.26	0.27	3.96	ppb
Lithium	6-1				91		%
Magnesium	24-2	10637.76	10433.96	10724.33	10598.68	1.41	ppb
Manganese	55-2	130.98	130.47	132.58	131.35	0.84	ppb
Molybdenum	94-1	0.69	0.60	0.64	0.64	6.52	ppb
Molybdenum	95-1	0.92	0.84	0.88	0.88	4.57	ppb
Molybdenum	96-1	0.85	0.81	0.85	0.84	2.84	ppb
Molybdenum	97-1	0.91	0.79	0.89	0.86	7.00	ppb
Molybdenum	98-1	0.87	0.87	0.84	0.86	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.88	0.83	0.88	5.05	ppb
Phosphorus	31-2	40.17	122.13	86.41	82.91	49.57	ppb
Potassium	39-2	2957.88	2898.56	2938.83	2931.76	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	-0.31	0.28	1.20	0.39	193.81	ppb
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	-0.17	0.59	0.42	0.28	142.56	ppb
Silicon	28-1	4136.89	4157.69	4104.88	4133.15	0.64	ppb
Silver	107-1	0.00	0.00	0.00	0.00	46.53	ppb
Silver	109-1	0.00	0.01	0.01	0.00	78.10	ppb
Sodium	23-2	50700.87	49472.05	50338.14	50170.35	1.26	ppb
Strontium	86-1	17.61	17.57	17.49	17.55	0.36	ppb
Strontium	88-1	17.86	17.93	17.63	17.80	0.89	ppb
Sulfur	34-1	11891.45	11830.33	12018.59	11913.46	0.81	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.02	0.01	9.40	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.86	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	24.84	ppb
Tin	118-1	-0.04	-0.07	-0.05	-0.05		ppb
Titanium	47-1	2.29	2.46	4.65	3.14	42.04	ppb
Uranium	238-1	0.11	0.11	0.10	0.11	7.09	ppb
Vanadium	51-2	1.47	1.54	1.54	1.52	2.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	5.29	5.04	5.24	5.19	2.49	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	6.64	ppb
Zirconium	91-1	0.08	0.06	0.07	0.07	13.55	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.72	73.36	64.74	68.28	6.61	ppb
Antimony	121-1	0.10	0.11	0.09	0.10	7.77	ppb
Arsenic	75-2	0.51	0.58	0.51	0.53	7.32	ppb
Barium	135-1	39.92	39.66	40.14	39.91	0.60	ppb
Barium	137-1	41.12	40.69	39.99	40.60	1.40	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	42.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	36.62	44.38	42.35	41.11	9.79	ppb
Boron	11-1	42.27	43.44	43.11	42.94	1.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.04	0.03	0.03	24.65	ppb
Cadmium	106-1	0.51	1.05	1.36	0.97	44.13	ppb
Cadmium	108-1	-0.05	-0.02	0.04	-0.01		ppb
Calcium	43-1	21824.87	21971.64	21926.36	21907.62	0.34	ppb
Calcium	44-1	20387.32	20682.20	20418.83	20496.11	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.37	0.39	0.36	0.37	4.37	ppb
Cobalt	59-2	0.10	0.11	0.12	0.11	7.17	ppb
Copper	63-2	1.46	1.39	1.39	1.42	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	175.88	171.12	175.26	174.09	1.49	ppb
Iron	57-2	208.85	220.16	221.34	216.78	3.18	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	173.19	178.94	171.04	174.39	2.34	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.21	0.21	0.20	1.32	ppb
Lead	207-1	0.23	0.19	0.19	0.20	11.95	ppb
Lead	208-1	0.20	0.20	0.20	0.20	1.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	7856.40	7783.15	7747.42	7795.66	0.71	ppb
Manganese	55-2	19.59	19.70	20.25	19.85	1.77	ppb
Molybdenum	94-1	0.93	0.59	0.48	0.67	35.09	ppb
Molybdenum	95-1	0.79	0.70	0.74	0.74	5.93	ppb
Molybdenum	96-1	0.71	0.80	0.68	0.73	8.52	ppb
Molybdenum	97-1	0.75	0.72	0.78	0.75	3.97	ppb
Molybdenum	98-1	0.78	0.81	0.80	0.80	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.47	0.51	0.47	10.88	ppb
Phosphorus	31-2	-33.27	-31.91	-43.61	-36.26		ppb
Potassium	39-2	2227.23	2227.06	2243.64	2232.64	0.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	1.07	0.04	0.67	0.59	86.95	ppb
Selenium	77-2	0.43	0.42	0.85	0.57	43.89	ppb
Selenium	78-2	0.04	0.36	0.47	0.29	76.53	ppb
Silicon	28-1	2481.92	2494.62	2440.42	2472.32	1.15	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.86	ppb
Silver	109-1	0.00	0.00	0.01	0.00	100.15	ppb
Sodium	23-2	22617.89	22696.42	22587.21	22633.84	0.25	ppb
Strontium	86-1	11.87	12.13	11.96	11.99	1.10	ppb
Strontium	88-1	12.02	12.12	12.00	12.05	0.51	ppb
Sulfur	34-1	3110.81	3128.82	2937.50	3059.04	3.45	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	16.13	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	28.98	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	2.84	ppb
Tin	118-1	-0.05	-0.04	-0.04	-0.04		ppb
Titanium	47-1	2.03	2.71	2.27	2.34	14.72	ppb
Uranium	238-1	0.17	0.16	0.16	0.16	3.74	ppb
Vanadium	51-2	0.79	0.89	0.84	0.84	5.88	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	1.75	1.81	1.72	1.76	2.65	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.60	ppb
Zirconium	91-1	0.04	0.01	0.07	0.04	72.09	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49811.42	49112.99	49499.21	49474.54	0.71	ppb
Antimony	121-1	494.22	491.42	494.42	493.36	0.34	ppb
Arsenic	75-2	477.17	480.06	485.95	481.06	0.93	ppb
Barium	135-1	2510.27	2485.75	2495.20	2497.07	0.50	ppb
Barium	137-1	2473.93	2455.65	2463.89	2464.49	0.37	ppb
Beryllium	9-1	475.25	469.11	475.54	473.30	0.77	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	466.96	481.66	498.95	482.52	3.32	ppb
Boron	11-1	473.89	493.48	505.07	490.82	3.21	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	477.97	480.95	483.33	480.75	0.56	ppb
Cadmium	106-1	477.91	486.83	478.69	481.14	1.03	ppb
Cadmium	108-1	474.91	481.39	476.61	477.63	0.70	ppb
Calcium	43-1	260188.17	257342.01	261447.47	259659.22	0.81	ppb
Calcium	44-1	243035.95	242512.30	243148.11	242898.79	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.17	482.45	481.54	483.05	0.39	ppb
Cobalt	59-2	475.42	476.77	472.72	474.97	0.43	ppb
Copper	63-2	4880.18	4922.65	4860.47	4887.77	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	126464.12	126910.11	126382.10	126585.44	0.22	ppb
Iron	57-2	125697.97	126811.33	124521.46	125676.92	0.91	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	126431.54	126486.77	126415.02	126444.45	0.03	ppb
Krypton	83-1						cps
Lead	206-1	2477.82	2452.86	2493.14	2474.60	0.82	ppb
Lead	207-1	2479.28	2467.34	2501.55	2482.72	0.70	ppb
Lead	208-1	2478.61	2475.91	2499.74	2484.75	0.53	ppb
Lithium	6-1				91		%
Magnesium	24-2	248701.58	245068.36	244440.02	246069.99	0.93	ppb
Manganese	55-2	4896.14	4942.06	4941.44	4926.55	0.53	ppb
Molybdenum	94-1	2412.08	2473.05	2453.38	2446.17	1.27	ppb
Molybdenum	95-1	2444.10	2486.57	2457.49	2462.72	0.88	ppb
Molybdenum	96-1	2440.65	2495.48	2449.46	2461.86	1.20	ppb
Molybdenum	97-1	2472.32	2527.02	2480.30	2493.21	1.19	ppb
Molybdenum	98-1	2412.41	2489.27	2455.32	2452.33	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.07	474.80	465.57	471.15	1.04	ppb
Phosphorus	31-2	9801.02	9545.06	9825.05	9723.71	1.60	ppb
Potassium	39-2	130539.95	129647.86	130091.10	130092.97	0.34	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	82-1	468.05	477.85	476.92	474.27	1.14	ppb
Selenium	77-2	468.67	459.19	456.40	461.42	1.39	ppb
Selenium	78-2	469.83	473.77	474.89	472.83	0.56	ppb
Silicon	28-1	451.47	476.40	491.82	473.23	4.30	ppb
Silver	107-1	488.35	488.50	488.77	488.54	0.04	ppb
Silver	109-1	491.44	491.03	495.51	492.66	0.50	ppb
Sodium	23-2	250277.80	249246.98	248841.19	249455.32	0.30	ppb
Strontium	86-1	482.40	486.51	485.31	484.74	0.44	ppb
Strontium	88-1	483.41	489.90	488.89	487.40	0.72	ppb
Sulfur	34-1	9186.92	8992.41	9147.95	9109.09	1.13	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	506.37	503.77	503.25	504.46	0.33	ppb
Thallium	205-1	498.99	497.14	500.67	498.93	0.35	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	511.72	504.53	507.49	507.91	0.71	ppb
Tin	118-1	488.47	485.43	483.60	485.83	0.51	ppb
Titanium	47-1	2430.12	2444.90	2457.51	2444.17	0.56	ppb
Uranium	238-1	507.53	499.04	497.20	501.25	1.10	ppb
Vanadium	51-2	488.43	488.18	485.22	487.28	0.37	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	4856.94	4862.70	4854.69	4858.11	0.09	ppb
Zirconium	90-1	497.62	502.08	500.86	500.19	0.46	ppb
Zirconium	91-1	481.20	490.52	489.96	487.23	1.07	ppb

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 18:33:59 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	-0.11	0.21	0.14	158.23	ppb
Antimony	121-1	0.11	0.10	0.10	0.10	4.52	ppb
Arsenic	75-2	0.01	0.02	0.04	0.02	70.49	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.02	0.03	0.02	0.02	28.84	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	27.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	11.58	13.07	12.25	12.30	6.08	ppb
Boron	11-1	12.86	12.76	12.27	12.63	2.50	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.04	-0.01	0.01	246.75	ppb
Cadmium	106-1	-0.68	0.62	-1.20	-0.42		ppb
Cadmium	108-1	0.13	-0.02	0.15	0.09	105.31	ppb
Calcium	43-1	1.74	1.95	4.60	2.76	57.67	ppb
Calcium	44-1	1.42	0.92	3.51	1.95	70.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	0.04	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	66.95	ppb
Copper	63-2	0.24	0.24	0.23	0.24	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	2.12	1.86	2.36	2.11	11.85	ppb
Iron	57-2	2.38	1.65	2.78	2.27	25.21	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:33:59	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2.72	1.50	3.56	2.59	39.94	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.13	0.13	7.75	ppb
Lead	207-1	0.13	0.14	0.16	0.14	9.91	ppb
Lead	208-1	0.13	0.14	0.14	0.14	3.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.48	3.62	4.25	4.12	10.86	ppb
Manganese	55-2	0.11	0.06	0.06	0.08	36.52	ppb
Molybdenum	94-1	0.09	0.06	0.11	0.09	26.34	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	12.64	ppb
Molybdenum	96-1	0.11	0.09	0.10	0.10	7.40	ppb
Molybdenum	97-1	0.07	0.10	0.09	0.09	12.43	ppb
Molybdenum	98-1	0.11	0.08	0.08	0.09	19.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.02	0.03	37.11	ppb
Phosphorus	31-2	-76.31	-57.99	-45.29	-59.86		ppb
Potassium	39-2	29.15	3.12	2.79	11.69	129.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	-0.30	0.51	0.13	0.11	365.29	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	0.56	-0.26	0.26	172.73	ppb
Silicon	28-1	-0.52	-2.37	-1.36	-1.42		ppb
Silver	107-1	0.01	0.01	0.02	0.02	30.98	ppb
Silver	109-1	0.02	0.02	0.03	0.02	34.82	ppb
Sodium	23-2	67.38	54.67	51.73	57.93	14.36	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	126.10	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	6.91	ppb
Sulfur	34-1	-688.40	-1224.23	-898.14	-936.92		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.10	0.09	0.10	7.33	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	3.45	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:33:59	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	8.01	ppb
Tin	118-1	-0.01	0.03	0.01	0.01	196.43	ppb
Titanium	47-1	0.06	0.04	-0.01	0.03	126.67	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.50	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	101.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	-0.47	-0.47	-0.38	-0.44		ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	15.80	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	129.30	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BL	Instrumnet Name :	P7
Client Sample ID :	PB139187BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:43:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.40	-0.46	-0.05		ppb
Antimony	121-1	0.08	0.07	0.07	0.08	8.53	ppb
Arsenic	75-2	0.01	0.03	0.04	0.03	56.64	ppb
Barium	135-1	0.01	0.03	0.02	0.02	37.14	ppb
Barium	137-1	0.05	0.02	0.01	0.03	72.74	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	9.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	13.13	12.15	10.49	11.93	11.19	ppb
Boron	11-1	12.67	11.50	11.03	11.74	7.19	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.02	-0.01	-0.06	-0.03		ppb
Cadmium	106-1	-1.15	-1.22	-2.79	-1.72		ppb
Cadmium	108-1	0.08	0.02	0.07	0.05	61.73	ppb
Calcium	43-1	-0.21	2.62	-0.92	0.50	377.22	ppb
Calcium	44-1	-1.77	-0.71	-1.08	-1.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	0.04	0.01	219.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	12.22	ppb
Copper	63-2	0.20	0.15	0.20	0.18	13.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.24	0.35	0.38	0.32	21.96	ppb
Iron	57-2	0.18	-0.41	-1.17	-0.47		ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BL	Instrumnet Name :	P7
Client Sample ID :	PB139187BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:43:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.39	0.00	0.30	0.56	129.87	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.12	0.13	10.08	ppb
Lead	207-1	0.13	0.13	0.14	0.13	3.98	ppb
Lead	208-1	0.14	0.14	0.13	0.13	4.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.79	1.27	1.39	1.48	18.54	ppb
Manganese	55-2	0.06	0.02	0.06	0.05	45.91	ppb
Molybdenum	94-1	0.08	0.14	0.08	0.10	37.13	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	10.14	ppb
Molybdenum	96-1	0.06	0.09	0.07	0.07	19.72	ppb
Molybdenum	97-1	0.07	0.05	0.09	0.07	30.05	ppb
Molybdenum	98-1	0.06	0.06	0.07	0.06	10.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.05	0.02	0.03	63.86	ppb
Phosphorus	31-2	-73.15	-57.46	-44.78	-58.46		ppb
Potassium	39-2	0.55	0.58	1.42	0.85	58.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	0.33	0.10	0.57	0.33	70.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.94	-0.21	0.06	-0.36		ppb
Silicon	28-1	-2.13	-0.39	-1.28	-1.27		ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.24	ppb
Sodium	23-2	31.78	31.10	31.17	31.35	1.19	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	274.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1.68	ppb
Sulfur	34-1	-1304.65	-847.81	-1416.46	-1189.64		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.06	0.06	0.06	4.35	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.97	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BL	Instrumnet Name :	P7
Client Sample ID :	PB139187BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:43:17	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.02	0.02	0.02	0.02	14.43	ppb
Tin	118-1	-0.01	0.00	-0.03	-0.02		ppb
Titanium	47-1	0.01	0.00	0.01	0.01	92.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.97	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	30.70	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	0.12	0.04	0.09	53.37	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	27.28	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	70.27	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10457.52	10271.10	10280.94	10336.52	1.01	ppb
Antimony	121-1	505.68	496.26	499.08	500.34	0.97	ppb
Arsenic	75-2	501.91	502.72	501.81	502.15	0.10	ppb
Barium	135-1	2511.29	2460.19	2472.36	2481.28	1.08	ppb
Barium	137-1	2488.33	2435.56	2472.14	2465.34	1.10	ppb
Beryllium	9-1	481.03	479.73	481.90	480.89	0.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	452.06	487.73	478.48	472.76	3.92	ppb
Boron	11-1	455.06	485.62	489.56	476.75	3.96	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	494.72	493.09	490.28	492.70	0.46	ppb
Cadmium	106-1	486.27	490.47	487.68	488.14	0.44	ppb
Cadmium	108-1	488.66	494.55	488.54	490.58	0.70	ppb
Calcium	43-1	52675.62	53894.34	53995.31	53521.76	1.37	ppb
Calcium	44-1	48918.99	50560.53	49624.74	49701.42	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.85	491.90	489.45	491.40	0.36	ppb
Cobalt	59-2	490.35	491.66	489.96	490.66	0.18	ppb
Copper	63-2	4996.88	4957.22	4958.34	4970.81	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	26159.82	26223.68	25743.80	26042.43	1.00	ppb
Iron	57-2	26676.42	26536.93	26461.23	26558.19	0.41	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27764.09	27359.84	27488.86	27537.60	0.75	ppb
Krypton	83-1						cps
Lead	206-1	2434.99	2480.12	2435.21	2450.11	1.06	ppb
Lead	207-1	2431.33	2459.49	2443.23	2444.68	0.58	ppb
Lead	208-1	2423.08	2465.65	2431.58	2440.10	0.92	ppb
Lithium	6-1				93		%
Magnesium	24-2	51525.87	50827.08	50916.75	51089.90	0.74	ppb
Manganese	55-2	4990.88	4979.42	4997.16	4989.15	0.18	ppb
Molybdenum	94-1	2412.36	2463.41	2459.44	2445.07	1.16	ppb
Molybdenum	95-1	2412.14	2447.28	2478.83	2446.08	1.36	ppb
Molybdenum	96-1	2437.19	2440.60	2432.32	2436.70	0.17	ppb
Molybdenum	97-1	2453.05	2471.70	2501.44	2475.40	0.99	ppb
Molybdenum	98-1	2425.00	2441.45	2445.79	2437.41	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.23	493.53	494.62	494.46	0.17	ppb
Phosphorus	31-2	10023.44	9633.22	9812.57	9823.08	1.99	ppb
Potassium	39-2	25251.37	25194.35	25320.36	25255.36	0.25	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	477.86	495.04	492.35	488.42	1.89	ppb
Selenium	77-2	470.88	478.80	483.85	477.84	1.37	ppb
Selenium	78-2	496.20	480.64	487.58	488.14	1.60	ppb
Silicon	28-1	431.29	460.41	471.49	454.40	4.57	ppb
Silver	107-1	509.22	507.20	497.95	504.79	1.19	ppb
Silver	109-1	514.22	508.60	508.27	510.36	0.66	ppb
Sodium	23-2	51380.37	51177.16	50560.81	51039.45	0.84	ppb
Strontium	86-1	479.19	489.29	489.59	486.03	1.22	ppb
Strontium	88-1	483.81	492.68	491.04	489.18	0.97	ppb
Sulfur	34-1	8710.09	8682.32	8802.88	8731.76	0.72	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	486.10	495.19	490.65	490.65	0.93	ppb
Thallium	205-1	482.07	497.67	490.45	490.06	1.59	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	474.17	481.56	482.98	479.57	0.99	ppb
Tin	118-1	488.54	485.08	483.83	485.81	0.50	ppb
Titanium	47-1	2406.39	2440.35	2454.95	2433.90	1.02	ppb
Uranium	238-1	468.12	473.33	480.11	473.85	1.27	ppb
Vanadium	51-2	492.29	492.68	488.51	491.16	0.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	4879.92	4893.79	4868.63	4880.78	0.26	ppb
Zirconium	90-1	492.71	502.85	500.63	498.73	1.07	ppb
Zirconium	91-1	477.67	488.70	484.96	483.78	1.16	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.37	59.24	59.18	58.60	1.82	ppb
Antimony	121-1	0.24	0.27	0.25	0.25	7.99	ppb
Arsenic	75-2	0.68	0.63	0.51	0.61	14.53	ppb
Barium	135-1	39.42	38.76	39.85	39.35	1.39	ppb
Barium	137-1	38.92	39.07	39.91	39.30	1.36	ppb
Beryllium	9-1	0.13	0.11	0.10	0.11	14.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	49.72	50.12	47.86	49.23	2.45	ppb
Boron	11-1	52.23	51.37	50.50	51.36	1.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.08	0.06	0.06	0.06	16.24	ppb
Cadmium	106-1	0.63	0.22	0.03	0.29	105.68	ppb
Cadmium	108-1	0.10	-0.02	0.10	0.06	113.28	ppb
Calcium	43-1	21813.82	21239.63	21546.09	21533.18	1.33	ppb
Calcium	44-1	20499.22	20035.40	20496.28	20343.63	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.41	0.39	0.40	0.40	2.97	ppb
Cobalt	59-2	0.14	0.11	0.11	0.12	16.71	ppb
Copper	63-2	1.51	1.57	1.57	1.55	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	162.50	164.25	165.08	163.94	0.81	ppb
Iron	57-2	193.03	208.94	209.27	203.75	4.56	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	167.60	175.18	166.70	169.82	2.74	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.39	0.37	0.38	4.21	ppb
Lead	207-1	0.43	0.37	0.38	0.39	7.20	ppb
Lead	208-1	0.40	0.38	0.37	0.38	3.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	7742.15	7928.78	7920.13	7863.69	1.34	ppb
Manganese	55-2	19.56	20.23	20.29	20.03	2.01	ppb
Molybdenum	94-1	0.75	0.69	0.73	0.73	4.22	ppb
Molybdenum	95-1	0.96	1.00	0.90	0.95	5.62	ppb
Molybdenum	96-1	0.95	0.87	0.89	0.90	4.62	ppb
Molybdenum	97-1	0.96	1.04	0.89	0.96	7.44	ppb
Molybdenum	98-1	0.98	0.93	0.89	0.94	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.51	0.46	0.46	10.79	ppb
Phosphorus	31-2	-13.07	-30.58	-27.04	-23.56		ppb
Potassium	39-2	2232.40	2242.01	2211.45	2228.62	0.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	0.09	0.59	0.35	0.34	72.08	ppb
Selenium	77-2	0.43	0.00	0.43	0.29	86.61	ppb
Selenium	78-2	-0.02	-0.17	-0.13	-0.11		ppb
Silicon	28-1	2516.86	2404.91	2428.70	2450.16	2.41	ppb
Silver	107-1	0.04	0.04	0.03	0.04	14.22	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.73	ppb
Sodium	23-2	22743.10	23121.77	22957.73	22940.86	0.83	ppb
Strontium	86-1	11.63	11.59	11.50	11.57	0.59	ppb
Strontium	88-1	11.67	11.69	11.69	11.68	0.12	ppb
Sulfur	34-1	2958.00	2610.62	2802.59	2790.40	6.24	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.19	0.17	0.20	15.42	ppb
Thallium	205-1	0.21	0.21	0.19	0.20	6.91	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.04	0.05	0.05	15.04	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb
Titanium	47-1	2.12	2.07	1.80	2.00	8.53	ppb
Uranium	238-1	0.17	0.16	0.17	0.17	2.71	ppb
Vanadium	51-2	0.84	0.89	0.86	0.86	3.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.02	1.28	1.16	1.16	11.35	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	14.65	ppb
Zirconium	91-1	0.09	0.07	0.05	0.07	29.73	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.02	12.47	13.83	13.11	5.22	ppb
Antimony	121-1	0.07	0.06	0.08	0.07	12.44	ppb
Arsenic	75-2	0.17	0.14	0.11	0.14	19.23	ppb
Barium	135-1	7.81	7.51	7.48	7.60	2.45	ppb
Barium	137-1	7.90	7.93	7.68	7.84	1.76	ppb
Beryllium	9-1	0.07	0.04	0.02	0.04	55.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	16.34	18.04	17.72	17.37	5.22	ppb
Boron	11-1	17.82	18.65	17.13	17.87	4.25	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.05	0.02	0.03	41.46	ppb
Cadmium	106-1	0.89	1.12	0.84	0.95	15.86	ppb
Cadmium	108-1	0.13	0.10	0.07	0.10	28.51	ppb
Calcium	43-1	4194.10	4268.90	4186.59	4216.53	1.08	ppb
Calcium	44-1	4297.82	4296.88	4276.02	4290.24	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.10	0.06	0.07	41.44	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	46.32	ppb
Copper	63-2	0.36	0.47	0.40	0.41	12.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	32.94	33.97	33.55	33.49	1.54	ppb
Iron	57-2	41.90	42.67	40.50	41.69	2.64	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	34.29	33.97	33.67	33.97	0.91	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.14	0.14	0.15	10.69	ppb
Lead	207-1	0.16	0.17	0.18	0.17	5.01	ppb
Lead	208-1	0.17	0.15	0.14	0.15	7.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	1563.99	1559.71	1532.98	1552.22	1.08	ppb
Manganese	55-2	3.92	3.93	4.09	3.98	2.46	ppb
Molybdenum	94-1	0.10	0.16	0.14	0.13	22.67	ppb
Molybdenum	95-1	0.15	0.17	0.16	0.16	7.05	ppb
Molybdenum	96-1	0.17	0.21	0.17	0.18	13.04	ppb
Molybdenum	97-1	0.22	0.14	0.24	0.20	27.54	ppb
Molybdenum	98-1	0.19	0.17	0.20	0.19	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.11	0.10	0.10	13.61	ppb
Phosphorus	31-2	-22.88	-58.58	-81.44	-54.30		ppb
Potassium	39-2	433.97	440.28	431.31	435.19	1.06	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	-0.18	0.53	0.60	0.31	137.69	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.45	-0.31	0.32	0.16	262.39	ppb
Silicon	28-1	497.41	501.91	496.08	498.47	0.61	ppb
Silver	107-1	0.01	0.00	0.01	0.01	76.90	ppb
Silver	109-1	0.02	0.01	0.01	0.01	19.98	ppb
Sodium	23-2	4515.72	4562.63	4511.06	4529.80	0.63	ppb
Strontium	86-1	2.27	2.30	2.26	2.28	0.93	ppb
Strontium	88-1	2.27	2.33	2.28	2.29	1.34	ppb
Sulfur	34-1	-385.34	-395.89	-408.18	-396.47		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.07	0.04	0.05	21.54	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	10.44	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	11.96	ppb
Tin	118-1	0.01	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.59	0.47	0.47	0.51	13.18	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	9.61	ppb
Vanadium	51-2	0.19	0.16	0.16	0.17	8.91	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.09	0.21	-0.05	0.08	153.78	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.52	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10937.69	10741.36	10888.52	10855.85	0.94	ppb
Antimony	121-1	494.20	505.71	497.03	498.98	1.20	ppb
Arsenic	75-2	513.33	512.71	509.06	511.70	0.45	ppb
Barium	135-1	2603.69	2672.88	2638.79	2638.45	1.31	ppb
Barium	137-1	2592.66	2617.35	2605.00	2605.00	0.47	ppb
Beryllium	9-1	488.59	497.03	480.07	488.56	1.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	514.26	539.22	549.24	534.24	3.37	ppb
Boron	11-1	516.78	554.45	556.98	542.74	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	489.07	500.44	495.16	494.89	1.15	ppb
Cadmium	106-1	482.11	487.87	483.35	484.44	0.63	ppb
Cadmium	108-1	504.03	513.49	513.51	510.34	1.07	ppb
Calcium	43-1	74366.72	77221.55	76584.88	76057.72	1.97	ppb
Calcium	44-1	69330.45	71862.15	70651.58	70614.73	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.97	495.30	494.39	495.22	0.16	ppb
Cobalt	59-2	500.06	496.91	501.32	499.43	0.46	ppb
Copper	63-2	5611.21	5604.43	5548.77	5588.14	0.61	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				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	27523.69	27227.62	27250.42	27333.91	0.60	ppb
Iron	57-2	27990.88	28031.13	27871.74	27964.58	0.30	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28746.54	28719.94	28873.64	28780.04	0.29	ppb
Krypton	83-1						cps
Lead	206-1	2512.34	2554.24	2564.71	2543.76	1.09	ppb
Lead	207-1	2568.55	2571.43	2564.82	2568.27	0.13	ppb
Lead	208-1	2535.07	2563.57	2561.95	2553.53	0.63	ppb
Lithium	6-1				88		%
Magnesium	24-2	59509.09	59112.82	59371.26	59331.06	0.34	ppb
Manganese	55-2	5654.06	5589.41	5580.15	5607.87	0.72	ppb
Molybdenum	94-1	3895.78	3991.72	4026.24	3971.25	1.70	ppb
Molybdenum	95-1	4592.04	4734.96	4705.62	4677.54	1.61	ppb
Molybdenum	96-1	4543.52	4615.71	4626.07	4595.10	0.98	ppb
Molybdenum	97-1	4571.40	4679.43	4663.03	4637.95	1.26	ppb
Molybdenum	98-1	4606.01	4719.53	4732.02	4685.85	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.61	503.01	499.27	500.96	0.38	ppb
Phosphorus	31-2	-56.16	-54.25	-48.82	-53.08		ppb
Potassium	39-2	28190.13	28407.03	28019.81	28205.66	0.69	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	82-1	481.72	490.13	498.32	490.06	1.69	ppb
Selenium	77-2	517.24	465.86	504.42	495.84	5.39	ppb
Selenium	78-2	508.97	506.04	493.38	502.80	1.65	ppb
Silicon	28-1	3005.99	3083.97	3078.02	3056.00	1.42	ppb
Silver	107-1	101.14	101.13	93.11	98.46	4.71	ppb
Silver	109-1	85.58	83.14	103.42	90.71	12.21	ppb
Sodium	23-2	75538.47	75271.21	75798.25	75535.98	0.35	ppb
Strontium	86-1	497.00	504.54	504.42	501.99	0.86	ppb
Strontium	88-1	496.40	507.92	505.60	503.31	1.21	ppb
Sulfur	34-1	3174.00	3524.32	3119.61	3272.65	6.71	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	495.81	500.78	500.41	499.00	0.55	ppb
Thallium	205-1	495.12	498.45	494.05	495.87	0.46	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.06	0.05	0.05	0.06	9.25	ppb
Tin	118-1	496.27	505.05	508.48	503.27	1.25	ppb
Titanium	47-1	4549.68	4558.69	4546.28	4551.55	0.14	ppb
Uranium	238-1	491.00	499.73	499.88	496.87	1.02	ppb
Vanadium	51-2	498.56	496.78	501.08	498.81	0.43	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	5400.67	5413.66	5377.35	5397.23	0.34	ppb
Zirconium	90-1	484.77	500.55	494.99	493.44	1.62	ppb
Zirconium	91-1	473.60	483.72	482.18	479.84	1.14	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10673.85	10751.13	10805.95	10743.65	0.62	ppb
Antimony	121-1	510.48	507.32	492.31	503.37	1.93	ppb
Arsenic	75-2	507.97	506.69	509.44	508.03	0.27	ppb
Barium	135-1	2695.15	2657.29	2619.00	2657.15	1.43	ppb
Barium	137-1	2654.19	2636.14	2598.52	2629.62	1.08	ppb
Beryllium	9-1	482.21	491.05	481.44	484.90	1.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	515.58	547.65	559.44	540.89	4.20	ppb
Boron	11-1	535.20	557.47	568.93	553.87	3.10	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	496.46	495.59	497.84	496.63	0.23	ppb
Cadmium	106-1	499.09	483.80	481.43	488.11	1.96	ppb
Cadmium	108-1	518.57	505.99	504.01	509.53	1.55	ppb
Calcium	43-1	76285.05	76825.26	76449.60	76519.97	0.36	ppb
Calcium	44-1	71323.93	71173.54	71286.93	71261.46	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.25	495.73	501.86	497.95	0.68	ppb
Cobalt	59-2	501.27	499.89	504.41	501.85	0.46	ppb
Copper	63-2	5595.84	5607.12	5728.73	5643.90	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	27203.59	27273.77	27495.06	27324.14	0.56	ppb
Iron	57-2	27831.26	27866.31	28142.74	27946.77	0.61	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28863.09	28813.03	28959.35	28878.49	0.26	ppb
Krypton	83-1						cps
Lead	206-1	2534.64	2545.42	2568.80	2549.62	0.68	ppb
Lead	207-1	2559.83	2555.38	2569.42	2561.54	0.28	ppb
Lead	208-1	2539.67	2564.26	2562.28	2555.40	0.53	ppb
Lithium	6-1				88		%
Magnesium	24-2	58288.18	59673.71	59605.65	59189.18	1.32	ppb
Manganese	55-2	5618.59	5653.91	5663.67	5645.39	0.42	ppb
Molybdenum	94-1	3916.49	3926.77	3937.04	3926.77	0.26	ppb
Molybdenum	95-1	4688.23	4652.12	4623.83	4654.72	0.69	ppb
Molybdenum	96-1	4565.94	4595.57	4574.59	4578.70	0.33	ppb
Molybdenum	97-1	4599.48	4689.59	4642.53	4643.87	0.97	ppb
Molybdenum	98-1	4677.00	4726.76	4636.86	4680.21	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.51	498.70	507.98	502.40	0.98	ppb
Phosphorus	31-2	-45.85	-10.25	-56.57	-37.56		ppb
Potassium	39-2	28229.88	28134.98	28401.97	28255.61	0.48	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	489.85	482.03	502.28	491.39	2.08	ppb
Selenium	77-2	492.98	494.67	478.53	488.73	1.82	ppb
Selenium	78-2	497.16	506.44	489.40	497.67	1.71	ppb
Silicon	28-1	2989.49	3065.97	3043.36	3032.94	1.30	ppb
Silver	107-1	78.11	90.61	74.22	80.98	10.57	ppb
Silver	109-1	79.19	90.26	79.78	83.07	7.50	ppb
Sodium	23-2	75109.67	77344.58	76313.43	76255.89	1.47	ppb
Strontium	86-1	503.05	501.03	507.51	503.86	0.66	ppb
Strontium	88-1	506.88	505.13	509.73	507.25	0.46	ppb
Sulfur	34-1	2954.49	3224.47	2874.15	3017.70	6.08	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	493.59	501.15	501.38	498.70	0.89	ppb
Thallium	205-1	489.94	502.08	505.89	499.30	1.67	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.03	0.03	3.68	ppb
Tin	118-1	511.11	505.46	499.15	505.24	1.18	ppb
Titanium	47-1	4530.48	4544.26	4551.58	4542.11	0.24	ppb
Uranium	238-1	496.96	505.11	501.24	501.10	0.81	ppb
Vanadium	51-2	493.87	498.33	502.51	498.24	0.87	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	5369.75	5394.81	5463.55	5409.37	0.90	ppb
Zirconium	90-1	494.63	494.31	492.06	493.67	0.28	ppb
Zirconium	91-1	475.73	478.85	474.81	476.47	0.44	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10686.41	10712.58	10756.62	10718.54	0.33	ppb
Antimony	121-1	495.05	498.39	496.72	496.72	0.34	ppb
Arsenic	75-2	528.14	508.11	515.68	517.31	1.96	ppb
Barium	135-1	2606.20	2661.62	2648.20	2638.67	1.10	ppb
Barium	137-1	2562.06	2646.60	2612.78	2607.15	1.63	ppb
Beryllium	9-1	483.90	481.41	480.76	482.02	0.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	516.55	537.76	554.95	536.42	3.59	ppb
Boron	11-1	533.81	547.62	569.21	550.21	3.24	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	489.76	493.19	493.12	492.02	0.40	ppb
Cadmium	106-1	476.85	482.82	482.93	480.87	0.72	ppb
Cadmium	108-1	492.95	502.52	512.03	502.50	1.90	ppb
Calcium	43-1	74398.45	76411.94	76312.31	75707.57	1.50	ppb
Calcium	44-1	69431.49	71356.53	71459.54	70749.19	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.54	487.86	496.99	493.13	0.96	ppb
Cobalt	59-2	500.29	494.78	498.62	497.89	0.57	ppb
Copper	63-2	5588.64	5575.45	5626.04	5596.71	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	27002.98	27056.01	27319.58	27126.19	0.63	ppb
Iron	57-2	28041.63	27733.93	27688.92	27821.49	0.69	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	28495.05	28519.63	29029.75	28681.48	1.05	ppb
Krypton	83-1						cps
Lead	206-1	2473.05	2544.51	2551.26	2522.94	1.72	ppb
Lead	207-1	2488.93	2545.44	2558.91	2531.09	1.47	ppb
Lead	208-1	2491.05	2548.72	2563.21	2534.33	1.51	ppb
Lithium	6-1				88		%
Magnesium	24-2	58919.87	58637.88	58776.24	58778.00	0.24	ppb
Manganese	55-2	5555.59	5595.12	5599.20	5583.31	0.43	ppb
Molybdenum	94-1	3933.19	3956.82	3968.39	3952.80	0.45	ppb
Molybdenum	95-1	4659.94	4630.52	4686.63	4659.03	0.60	ppb
Molybdenum	96-1	4519.17	4561.40	4572.81	4551.13	0.62	ppb
Molybdenum	97-1	4561.47	4586.01	4643.99	4597.16	0.92	ppb
Molybdenum	98-1	4657.96	4598.11	4727.81	4661.29	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.19	495.66	504.40	497.08	1.35	ppb
Phosphorus	31-2	-39.40	-24.52	-34.53	-32.82		ppb
Potassium	39-2	27794.00	28044.82	28249.13	28029.32	0.81	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	482.02	487.37	493.20	487.53	1.15	ppb
Selenium	77-2	475.01	504.01	444.08	474.37	6.32	ppb
Selenium	78-2	496.45	505.43	481.04	494.31	2.50	ppb
Silicon	28-1	2972.64	3023.06	3035.34	3010.35	1.10	ppb
Silver	107-1	160.37	179.62	140.53	160.17	12.20	ppb
Silver	109-1	139.73	161.84	217.99	173.18	23.30	ppb
Sodium	23-2	74326.34	75355.92	74996.35	74892.87	0.70	ppb
Strontium	86-1	497.87	506.04	506.31	503.41	0.95	ppb
Strontium	88-1	495.64	505.56	510.24	503.82	1.48	ppb
Sulfur	34-1	2765.79	2667.60	2703.15	2712.18	1.83	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	486.92	501.49	496.07	494.83	1.49	ppb
Thallium	205-1	489.88	496.53	496.13	494.18	0.75	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.03	0.03	0.02	0.03	4.02	ppb
Tin	118-1	496.84	504.89	501.88	501.20	0.81	ppb
Titanium	47-1	4462.71	4549.90	4545.92	4519.51	1.09	ppb
Uranium	238-1	491.70	503.25	499.27	498.07	1.18	ppb
Vanadium	51-2	499.79	491.95	503.07	498.27	1.15	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	5473.84	5377.26	5456.28	5435.79	0.95	ppb
Zirconium	90-1	489.36	487.28	491.91	489.52	0.47	ppb
Zirconium	91-1	472.87	474.02	475.93	474.27	0.33	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:07:41	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47036.67	47504.80	46303.28	46948.25	1.29	ppb
Antimony	121-1	474.78	489.93	497.00	487.24	2.33	ppb
Arsenic	75-2	483.41	478.10	475.52	479.01	0.84	ppb
Barium	135-1	2400.46	2458.41	2497.91	2452.26	2.00	ppb
Barium	137-1	2373.05	2434.48	2476.92	2428.15	2.15	ppb
Beryllium	9-1	466.40	480.49	484.84	477.24	2.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	487.43	508.19	505.69	500.44	2.26	ppb
Boron	11-1	491.75	508.82	523.29	507.95	3.11	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	455.77	465.29	469.28	463.45	1.50	ppb
Cadmium	106-1	1293.78	1300.32	1295.08	1296.40	0.27	ppb
Cadmium	108-1	897.25	915.87	915.24	909.45	1.16	ppb
Calcium	43-1	257589.34	255658.02	256921.32	256722.89	0.38	ppb
Calcium	44-1	240568.26	241305.55	242326.77	241400.20	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.42	462.29	457.50	460.07	0.53	ppb
Cobalt	59-2	453.24	458.55	456.22	456.01	0.58	ppb
Copper	63-2	4749.02	4772.11	4726.89	4749.34	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				102		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	122846.09	123543.46	122287.37	122892.31	0.51	ppb
Iron	57-2	121532.39	122877.98	120640.25	121683.54	0.93	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:07:41	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	121591.20	121058.34	120765.49	121138.34	0.35	ppb
Krypton	83-1						cps
Lead	206-1	2486.99	2502.22	2478.27	2489.16	0.49	ppb
Lead	207-1	2484.34	2491.94	2477.61	2484.63	0.29	ppb
Lead	208-1	2485.41	2483.25	2488.80	2485.82	0.11	ppb
Lithium	6-1				85		%
Magnesium	24-2	238002.75	238659.12	235386.82	237349.56	0.73	ppb
Manganese	55-2	4764.94	4745.44	4734.58	4748.32	0.32	ppb
Molybdenum	94-1	9222.92	9103.52	9347.50	9224.64	1.32	ppb
Molybdenum	95-1	2451.98	2431.21	2466.87	2450.02	0.73	ppb
Molybdenum	96-1	3292.10	3290.68	3309.85	3297.54	0.32	ppb
Molybdenum	97-1	2475.88	2459.88	2484.02	2473.26	0.50	ppb
Molybdenum	98-1	2473.64	2419.36	2481.36	2458.12	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.51	456.60	448.00	452.04	0.96	ppb
Phosphorus	31-2	9101.20	9245.37	9197.21	9181.26	0.80	ppb
Potassium	39-2	117466.05	119193.56	117371.26	118010.29	0.87	ppb
Rhodium	103-1				83		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				94		%
Selenium	82-1	472.59	459.15	461.79	464.51	1.53	ppb
Selenium	77-2	448.12	510.13	421.48	459.91	9.89	ppb
Selenium	78-2	476.30	466.36	461.50	468.06	1.61	ppb
Silicon	28-1	639.01	682.33	703.55	674.96	4.87	ppb
Silver	107-1	464.07	470.77	473.61	469.48	1.04	ppb
Silver	109-1	459.90	469.16	469.81	466.29	1.19	ppb
Sodium	23-2	241952.11	240890.00	238895.09	240579.07	0.65	ppb
Strontium	86-1	489.04	488.48	487.85	488.46	0.12	ppb
Strontium	88-1	489.26	484.37	493.12	488.92	0.90	ppb
Sulfur	34-1	8353.88	8291.73	8268.50	8304.70	0.53	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	498.85	502.56	502.96	501.46	0.45	ppb
Thallium	205-1	499.82	499.35	498.18	499.12	0.17	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:07:41	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	505.59	506.75	511.47	507.94	0.61	ppb
Tin	118-1	463.80	475.24	476.99	472.01	1.52	ppb
Titanium	47-1	2413.36	2418.96	2465.19	2432.50	1.17	ppb
Uranium	238-1	501.74	508.85	509.77	506.79	0.87	ppb
Vanadium	51-2	466.59	465.95	464.23	465.59	0.26	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	4614.18	4638.78	4601.24	4618.07	0.41	ppb
Zirconium	90-1	4810.09	4824.05	4883.60	4839.25	0.81	ppb
Zirconium	91-1	4702.46	4681.39	4748.87	4710.91	0.73	ppb

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 19:13:14 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.63	0.08	0.27	116.03	ppb
Antimony	121-1	0.08	0.10	0.12	0.10	16.27	ppb
Arsenic	75-2	0.03	0.05	0.05	0.04	26.67	ppb
Barium	135-1	0.02	0.03	0.00	0.02	71.73	ppb
Barium	137-1	0.05	0.05	0.03	0.05	22.69	ppb
Beryllium	9-1	0.10	0.11	0.11	0.10	4.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	20.86	20.71	18.52	20.03	6.54	ppb
Boron	11-1	21.46	19.66	20.13	20.42	4.59	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.01	0.02	0.02	60.58	ppb
Cadmium	106-1	0.41	-0.74	0.09	-0.08		ppb
Cadmium	108-1	0.22	0.25	0.19	0.22	12.68	ppb
Calcium	43-1	4.48	1.77	5.77	4.01	51.02	ppb
Calcium	44-1	3.39	2.06	3.19	2.88	25.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	18.37	ppb
Copper	63-2	0.28	0.25	0.30	0.28	9.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	1.64	1.76	1.87	1.76	6.53	ppb
Iron	57-2	-0.18	0.56	0.97	0.45	129.29	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:13:14	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.94	0.46	2.04	1.15	70.62	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.29	0.28	2.34	ppb
Lead	207-1	0.31	0.27	0.31	0.30	8.06	ppb
Lead	208-1	0.29	0.28	0.29	0.29	2.46	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.45	4.47	5.04	4.65	7.29	ppb
Manganese	55-2	0.11	0.11	0.10	0.11	7.20	ppb
Molybdenum	94-1	0.27	0.20	0.29	0.26	17.58	ppb
Molybdenum	95-1	0.10	0.15	0.12	0.12	20.84	ppb
Molybdenum	96-1	0.21	0.17	0.12	0.17	26.36	ppb
Molybdenum	97-1	0.14	0.15	0.17	0.16	8.06	ppb
Molybdenum	98-1	0.12	0.11	0.12	0.12	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.03	0.01	270.20	ppb
Phosphorus	31-2	-82.20	-82.77	-77.04	-80.67		ppb
Potassium	39-2	9.28	9.07	8.22	8.86	6.37	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				97		%
Selenium	82-1	0.39	0.22	-0.14	0.16	174.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.80	0.13	0.37	102.65	ppb
Silicon	28-1	-0.04	0.19	-0.28	-0.04		ppb
Silver	107-1	0.24	0.22	0.32	0.26	19.83	ppb
Silver	109-1	0.27	0.28	0.30	0.28	5.38	ppb
Sodium	23-2	62.74	62.70	61.60	62.35	1.04	ppb
Strontium	86-1	0.00	0.00	0.01	0.01	90.47	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.12	ppb
Sulfur	34-1	-1419.08	-1309.35	-1191.52	-1306.65		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.12	0.11	0.12	0.11	4.86	ppb
Thallium	205-1	0.13	0.11	0.10	0.12	11.02	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:13:14	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thorium	232-1	0.01	0.01	0.01	0.01	11.75	ppb
Tin	118-1	0.01	0.02	-0.02	0.00	626.02	ppb
Titanium	47-1	0.07	0.03	0.09	0.07	48.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.25	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	51.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	-0.40	-0.26	-0.13	-0.26		ppb
Zirconium	90-1	0.13	0.10	0.11	0.11	13.85	ppb
Zirconium	91-1	0.12	0.09	0.10	0.11	13.42	ppb

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	200	128	49.38	cps
Antimony	121-1	83	50	50	61	31.50	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	50	67	33	50	33.34	cps
Barium	137-1	42	17	8	22	78.07	cps
Beryllium	9-1	28	22	17	22	25.00	cps
Bismuth	209-1	6600344	6621824	6565919	6596029	0.43	cps
Bismuth	209-2	4336057	4377961	4394170	4369396	0.69	cps
Boron	10-1	158	242	150	183	27.65	cps
Boron	11-1	800	1000	808	869	13.01	cps
Bromine	81-1	6360	6477	5951	6263	4.40	cps
Bromine	81-2	30	30	10	23	49.49	cps
Cadmium	111-1	753	725	701	726	3.59	cps
Cadmium	106-1	3626	3634	3509	3589	1.95	cps
Cadmium	108-1	8	21	38	22	65.86	cps
Calcium	43-1	167	125	183	158	18.98	cps
Calcium	44-1	4701	5076	5359	5045	6.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673	660	580	638	7.91	cps
Cobalt	59-2	40	30	37	36	14.32	cps
Copper	63-2	363	363	437	388	10.92	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	207	153	157	172	17.35	cps
Holmium	165-1	8982389	8933346	9010784	8975506	0.44	cps
Holmium	165-2	5413083	5439566	5463136	5438595	0.46	cps
Indium	115-1	6448177	6390151	6422264	6420197	0.45	cps
Indium	115-2	1659176	1668518	1680443	1669379	0.64	cps
Iron	56-2	3262	3323	3489	3358	3.51	cps
Iron	57-2	128	133	217	159	31.26	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	821	641	581	681	18.37	cps
Krypton	83-1	543	587	480	537	10.00	cps
Lead	206-1	206	194	194	198	3.24	cps
Lead	207-1	89	128	150	122	25.31	cps
Lead	208-1	606	783	717	702	12.80	cps
Lithium	6-1	2059122	2057319	2056661	2057701	0.06	cps
Magnesium	24-2	167	133	92	131	28.78	cps
Manganese	55-2	77	60	60	66	14.68	cps
Molybdenum	94-1	125	183	150	153	19.16	cps
Molybdenum	95-1	8	0	0	3	173.21	cps
Molybdenum	96-1	42	83	33	53	50.76	cps
Molybdenum	97-1	8	0	0	3	173.21	cps
Molybdenum	98-1	42	17	17	25	57.73	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	93	60	76	22.20	cps
Phosphorus	31-2	1350	1350	1425	1375	3.15	cps
Potassium	39-2	28820	29071	27960	28617	2.04	cps
Rhodium	103-1	5761504	5723954	5775734	5753731	0.46	cps
Rhodium	103-2	3203624	3185440	3211509	3200191	0.42	cps
Scandium	45-1	3456885	3404658	3458398	3439980	0.89	cps
Scandium	45-2	235633	231660	234093	233796	0.86	cps
Selenium	82-1	-43	-51	68	-9	-767.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	65	54	59	9.38	cps
Silicon	28-1	178350	179188	188426	181988	3.07	cps
Silver	107-1	67	75	58	67	12.50	cps
Silver	109-1	17	8	8	11	43.34	cps
Sodium	23-2	4884	4659	5143	4895	4.94	cps
Strontium	86-1	817	783	908	836	7.74	cps
Strontium	88-1	317	333	308	319	3.98	cps
Sulfur	34-1	363220	356037	366524	361927	1.48	cps
Terbium	159-1	8957300	9028526	8934680	8973502	0.55	cps
Terbium	159-2	5289897	5312633	5306345	5302958	0.22	cps
Thallium	203-1	42	25	33	33	25.01	cps
Thallium	205-1	42	108	50	67	54.49	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:27:56	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	100	56	161	106	50.21	cps
Tin	118-1	1058	1083	1133	1092	3.50	cps
Titanium	47-1	17	42	50	36	48.03	cps
Uranium	238-1	8	42	25	25	66.68	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	9592243	9548848	9635900	9592330	0.45	cps
Yttrium	89-2	1922903	1914291	1913669	1916954	0.27	cps
Zinc	66-2	830	730	767	776	6.52	cps
Zirconium	90-1	458	517	550	508	9.13	cps
Zirconium	91-1	83	100	150	111	31.23	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:34:15	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2692	2425	2567	2561	5.21	cps
Antimony	121-1	15676	14942	14575	15064	3.72	cps
Arsenic	75-2	269	291	276	278	4.07	cps
Barium	135-1	17678	18646	17753	18026	2.99	cps
Barium	137-1	30952	30760	31144	30952	0.62	cps
Beryllium	9-1	1567	1595	1611	1591	1.41	cps
Bismuth	209-1	6677024	6711741	6683168	6690644	0.28	cps
Bismuth	209-2	4381190	4411815	4409640	4400881	0.39	cps
Boron	10-1	4326	4092	4451	4290	4.24	cps
Boron	11-1	20514	21140	21040	20898	1.61	cps
Bromine	81-1	6218	6643	6118	6327	4.41	cps
Bromine	81-2	20	50	60	43	48.04	cps
Cadmium	111-1	2966	2799	3057	2940	4.45	cps
Cadmium	106-1	4284	4201	4517	4334	3.79	cps
Cadmium	108-1	142	208	163	171	19.97	cps
Calcium	43-1	10220	9987	10162	10123	1.20	cps
Calcium	44-1	157412	159147	160109	158889	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5758	5881	6118	5919	3.09	cps
Cobalt	59-2	4394	4401	4174	4323	2.98	cps
Copper	63-2	6291	6191	6105	6196	1.51	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	100	56	70.88	cps
Erbium	164-2	30	17	20	22	31.22	cps
Gadolinium	160-1	17	100	33	50	88.19	cps
Gadolinium	160-2	140	83	147	123	28.22	cps
Holmium	165-1	9094130	9208909	9144349	9149129	0.63	cps
Holmium	165-2	5502780	5503501	5571834	5526038	0.72	cps
Indium	115-1	6489671	6488833	6450589	6476365	0.34	cps
Indium	115-2	1695249	1714105	1710254	1706536	0.58	cps
Iron	56-2	123984	123121	122041	123049	0.79	cps
Iron	57-2	3389	3312	3317	3339	1.30	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 16:34:15 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6909	7319	7460	7229	3.96	cps
Krypton	83-1	610	467	493	523	14.57	cps
Lead	206-1	7519	7663	7558	7580	0.99	cps
Lead	207-1	6663	6507	6991	6720	3.67	cps
Lead	208-1	30648	30798	31282	30909	1.07	cps
Lithium	6-1	2073710	2078847	2077514	2076690	0.13	cps
Magnesium	24-2	130680	126647	124832	127386	2.35	cps
Manganese	55-2	2020	1940	1890	1950	3.36	cps
Molybdenum	94-1	14332	13640	13365	13779	3.62	cps
Molybdenum	95-1	16944	16418	16952	16771	1.82	cps
Molybdenum	96-1	19430	18813	18930	19058	1.72	cps
Molybdenum	97-1	10754	11096	10713	10854	1.94	cps
Molybdenum	98-1	28011	28353	26926	27763	2.68	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1227	1083	1213	1175	6.74	cps
Phosphorus	31-2	1317	1058	1183	1186	10.89	cps
Potassium	39-2	138548	142874	142116	141179	1.64	cps
Rhodium	103-1	5775107	5790486	5765371	5776988	0.22	cps
Rhodium	103-2	3229760	3257980	3288847	3258862	0.91	cps
Scandium	45-1	3441382	3439496	3453271	3444716	0.22	cps
Scandium	45-2	238708	237821	239928	238819	0.44	cps
Selenium	82-1	580	679	628	629	7.86	cps
Selenium	77-2	53	40	37	43	20.34	cps
Selenium	78-2	200	185	209	198	6.13	cps
Silicon	28-1	216993	214044	220309	217115	1.44	cps
Silver	107-1	9262	8961	9303	9175	2.03	cps
Silver	109-1	9687	8603	8986	9092	6.05	cps
Sodium	23-2	224301	223566	217039	221635	1.80	cps
Strontium	86-1	3109	3384	3275	3256	4.26	cps
Strontium	88-1	20715	19748	20548	20337	2.54	cps
Sulfur	34-1	363436	362701	361985	362707	0.20	cps
Terbium	159-1	9099245	9154093	9049349	9100896	0.58	cps
Terbium	159-2	5410333	5387053	5467543	5421643	0.76	cps
Thallium	203-1	8920	8995	9237	9051	1.83	cps
Thallium	205-1	21209	22394	22202	21935	2.90	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:34:15	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	83	94	78	85	9.96	cps
Tin	118-1	31995	32271	31361	31876	1.46	cps
Titanium	47-1	4134	4542	4651	4442	6.14	cps
Uranium	238-1	30445	29977	28983	29802	2.50	cps
Vanadium	51-2	10517	10911	10577	10668	1.99	cps
Yttrium	89-1	9604665	9673949	9582217	9620277	0.50	cps
Yttrium	89-2	1941204	1958560	1974488	1958084	0.85	cps
Zinc	66-2	1400	1567	1530	1499	5.84	cps
Zirconium	90-1	11522	11104	11263	11296	1.86	cps
Zirconium	91-1	2617	2384	2584	2528	4.99	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120910	122002	120187	121033	0.76	cps
Antimony	121-1	374128	379311	376753	376731	0.69	cps
Arsenic	75-2	13896	13846	13966	13902	0.44	cps
Barium	135-1	444450	448306	447752	446836	0.47	cps
Barium	137-1	790015	785843	778816	784891	0.72	cps
Beryllium	9-1	73979	75933	74292	74735	1.40	cps
Bismuth	209-1	6660323	6705004	6625524	6663617	0.60	cps
Bismuth	209-2	4404907	4369562	4406966	4393812	0.48	cps
Boron	10-1	8978	9036	9095	9036	0.65	cps
Boron	11-1	39544	41833	43003	41460	4.24	cps
Bromine	81-1	6068	6051	5735	5951	3.16	cps
Bromine	81-2	40	30	30	33	17.32	cps
Cadmium	111-1	95367	97322	95449	96046	1.15	cps
Cadmium	106-1	15701	15192	15751	15548	1.99	cps
Cadmium	108-1	7548	7686	7535	7590	1.10	cps
Calcium	43-1	101160	100606	101463	101077	0.43	cps
Calcium	44-1	1603807	1609389	1597025	1603407	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132491	130921	130350	131254	0.84	cps
Cobalt	59-2	211166	211832	209892	210963	0.47	cps
Copper	63-2	1527462	1519653	1515044	1520719	0.41	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	33	13	17	21	50.75	cps
Erbium	164-1	58	108	58	75	38.49	cps
Erbium	164-2	47	40	47	44	8.66	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	190	187	197	191	2.66	cps
Holmium	165-1	9164308	9156443	9136638	9152463	0.16	cps
Holmium	165-2	5530936	5531379	5516826	5526380	0.15	cps
Indium	115-1	6456236	6484724	6427758	6456239	0.44	cps
Indium	115-2	1679247	1679879	1678334	1679153	0.05	cps
Iron	56-2	5619766	5666329	5603899	5629998	0.58	cps
Iron	57-2	147380	149204	149171	148585	0.70	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	331358	326514	330886	329586	0.81	cps
Krypton	83-1	547	530	540	539	1.56	cps
Lead	206-1	1918032	1917800	1911220	1915684	0.20	cps
Lead	207-1	1663571	1677908	1658356	1666611	0.61	cps
Lead	208-1	7675893	7702412	7635538	7671281	0.44	cps
Lithium	6-1	2078336	2073150	2057420	2069635	0.53	cps
Magnesium	24-2	1299425	1300824	1306974	1302408	0.31	cps
Manganese	55-2	891732	881365	887344	886813	0.59	cps
Molybdenum	94-1	698434	706208	701707	702116	0.56	cps
Molybdenum	95-1	854828	867738	865948	862838	0.81	cps
Molybdenum	96-1	942649	951960	957468	950692	0.79	cps
Molybdenum	97-1	531092	537493	541161	536582	0.95	cps
Molybdenum	98-1	1381055	1398917	1391717	1390563	0.65	cps
Neodymium	150-1	33	73	67	58	37.09	cps
Neodymium	150-2	17	20	20	19	10.18	cps
Nickel	60-2	55176	54367	55190	54911	0.86	cps
Phosphorus	31-2	6235	6968	6743	6649	5.65	cps
Potassium	39-2	618544	608930	605827	611101	1.08	cps
Rhodium	103-1	5733729	5767872	5739906	5747169	0.32	cps
Rhodium	103-2	3203275	3204324	3204122	3203907	0.02	cps
Scandium	45-1	3425332	3425572	3438961	3429955	0.23	cps
Scandium	45-2	234655	234341	235038	234678	0.15	cps
Selenium	82-1	5987	5878	6064	5976	1.57	cps
Selenium	77-2	390	380	433	401	7.07	cps
Selenium	78-2	1393	1293	1419	1368	4.86	cps
Silicon	28-1	402095	419094	426789	415993	3.04	cps
Silver	107-1	470859	475317	473748	473308	0.48	cps
Silver	109-1	456055	454044	455061	455053	0.22	cps
Sodium	23-2	2204302	2190942	2180110	2191784	0.55	cps
Strontium	86-1	1075926	1077483	1061431	1071613	0.83	cps
Strontium	88-1	8998601	9044430	8947353	8996794	0.54	cps
Sulfur	34-1	396076	397864	397357	397099	0.23	cps
Terbium	159-1	9175318	9133618	9112991	9140643	0.35	cps
Terbium	159-2	5346534	5370200	5377633	5364789	0.30	cps
Thallium	203-1	463406	462384	461232	462340	0.24	cps
Thallium	205-1	1120827	1133083	1107632	1120514	1.14	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:37:24	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1603512	1597526	1596431	1599157	0.24	cps
Tin	118-1	316508	323402	317641	319184	1.16	cps
Titanium	47-1	217462	219280	219476	218739	0.51	cps
Uranium	238-1	1495247	1504985	1502891	1501041	0.34	cps
Vanadium	51-2	105768	105037	104214	105006	0.74	cps
Yttrium	89-1	9521460	9664934	9581060	9589151	0.75	cps
Yttrium	89-2	1946070	1934269	1938229	1939523	0.31	cps
Zinc	66-2	244127	245496	244630	244751	0.28	cps
Zirconium	90-1	581738	585824	585719	584427	0.40	cps
Zirconium	91-1	129270	132163	131128	130854	1.12	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299740	303901	304876	302839	0.90	cps
Antimony	121-1	946644	951169	958251	952021	0.61	cps
Arsenic	75-2	35341	34862	35404	35202	0.84	cps
Barium	135-1	1121011	1138635	1136398	1132015	0.85	cps
Barium	137-1	1977602	2000419	1985972	1987998	0.58	cps
Beryllium	9-1	186034	186968	188277	187093	0.60	cps
Bismuth	209-1	6650091	6601562	6576959	6609537	0.56	cps
Bismuth	209-2	4322013	4314524	4337152	4324563	0.27	cps
Boron	10-1	21491	22451	23085	22342	3.59	cps
Boron	11-1	98930	102001	105683	102205	3.31	cps
Bromine	81-1	5743	6076	5835	5885	2.93	cps
Bromine	81-2	30	50	30	37	31.49	cps
Cadmium	111-1	238851	242216	238479	239849	0.86	cps
Cadmium	106-1	32179	31753	30959	31630	1.96	cps
Cadmium	108-1	19334	19443	19922	19566	1.60	cps
Calcium	43-1	247877	252357	247791	249342	1.05	cps
Calcium	44-1	3956786	3984746	3969549	3970360	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	331607	330418	328716	330247	0.44	cps
Cobalt	59-2	530395	532669	533158	532074	0.28	cps
Copper	63-2	3805948	3787032	3790652	3794544	0.26	cps
Dysprosium	156-1	92	75	108	92	18.18	cps
Dysprosium	156-2	67	67	50	61	15.75	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	20	37	53	37	45.45	cps
Gadolinium	160-1	167	83	108	119	35.80	cps
Gadolinium	160-2	147	187	177	170	12.24	cps
Holmium	165-1	9191802	9082102	9030230	9101378	0.91	cps
Holmium	165-2	5502738	5469963	5498942	5490548	0.33	cps
Indium	115-1	6416274	6308328	6280404	6335002	1.13	cps
Indium	115-2	1653493	1640306	1656633	1650144	0.52	cps
Iron	56-2	14024756	14130235	14173015	14109335	0.54	cps
Iron	57-2	371470	372292	374332	372698	0.40	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	830285	825217	831528	829010	0.40	cps
Krypton	83-1	567	537	540	548	3.00	cps
Lead	206-1	4868423	4872767	4874985	4872058	0.07	cps
Lead	207-1	4243028	4269304	4268462	4260265	0.35	cps
Lead	208-1	19386877	19454012	19306733	19382541	0.38	cps
Lithium	6-1	2034576	2016324	2007211	2019371	0.69	cps
Magnesium	24-2	3277344	3261246	3271022	3269870	0.25	cps
Manganese	55-2	2236768	2228693	2235982	2233814	0.20	cps
Molybdenum	94-1	1745185	1755843	1750190	1750406	0.30	cps
Molybdenum	95-1	2130543	2151990	2140288	2140940	0.50	cps
Molybdenum	96-1	2364583	2411802	2381115	2385834	1.00	cps
Molybdenum	97-1	1337610	1355722	1351922	1348418	0.71	cps
Molybdenum	98-1	3465241	3491694	3488044	3481660	0.41	cps
Neodymium	150-1	193	107	133	144	30.73	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	137823	138718	139182	138574	0.50	cps
Phosphorus	31-2	15041	15116	14916	15025	0.67	cps
Potassium	39-2	1482503	1478074	1486763	1482447	0.29	cps
Rhodium	103-1	5648844	5564731	5519802	5577792	1.17	cps
Rhodium	103-2	3154264	3116852	3156912	3142676	0.71	cps
Scandium	45-1	3354070	3324328	3323196	3333865	0.53	cps
Scandium	45-2	230742	229340	230620	230234	0.34	cps
Selenium	82-1	14620	14675	14531	14609	0.50	cps
Selenium	77-2	930	1103	913	982	10.71	cps
Selenium	78-2	3454	3500	3404	3453	1.40	cps
Silicon	28-1	715971	749852	758298	741374	3.02	cps
Silver	107-1	1172631	1185123	1186945	1181566	0.66	cps
Silver	109-1	1137155	1140802	1129148	1135702	0.52	cps
Sodium	23-2	5358657	5300367	5374998	5344674	0.73	cps
Strontium	86-1	2663955	2664110	2664900	2664322	0.02	cps
Strontium	88-1	22248772	22713685	22504068	22488842	1.04	cps
Sulfur	34-1	433649	432320	433103	433024	0.15	cps
Terbium	159-1	9181483	9111302	9079068	9123951	0.57	cps
Terbium	159-2	5357807	5311630	5379676	5349705	0.65	cps
Thallium	203-1	1175638	1177939	1191420	1181666	0.72	cps
Thallium	205-1	2871360	2858203	2857488	2862350	0.27	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:40:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	4099532	4167036	4158901	4141823	0.89	cps
Tin	118-1	798836	800548	794823	798069	0.37	cps
Titanium	47-1	540027	549232	545243	544834	0.85	cps
Uranium	238-1	3852503	3900832	3890773	3881369	0.66	cps
Vanadium	51-2	265006	266463	265664	265711	0.27	cps
Yttrium	89-1	9509772	9439836	9353941	9434516	0.83	cps
Yttrium	89-2	1911292	1899322	1912915	1907843	0.39	cps
Zinc	66-2	606753	613836	613871	611487	0.67	cps
Zirconium	90-1	1443921	1476821	1457709	1459484	1.13	cps
Zirconium	91-1	323467	327128	328844	326480	0.84	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 16:43:40 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575200	569346	571105	571884	0.53	cps
Antimony	121-1	1823460	1844175	1837350	1834995	0.58	cps
Arsenic	75-2	66038	66597	66713	66449	0.54	cps
Barium	135-1	2162954	2183009	2178882	2174949	0.49	cps
Barium	137-1	3813816	3821954	3853009	3829593	0.54	cps
Beryllium	9-1	353818	355479	351214	353504	0.61	cps
Bismuth	209-1	6591382	6498841	6485296	6525173	0.88	cps
Bismuth	209-2	4203416	4233079	4220774	4219090	0.35	cps
Boron	10-1	40914	41750	43597	42087	3.26	cps
Boron	11-1	188704	198951	199142	195599	3.05	cps
Bromine	81-1	5209	5168	5518	5298	3.61	cps
Bromine	81-2	20	40	50	37	41.66	cps
Cadmium	111-1	462287	459541	461952	461260	0.32	cps
Cadmium	106-1	55593	57952	57751	57099	2.29	cps
Cadmium	108-1	36635	36204	36280	36373	0.63	cps
Calcium	43-1	471717	474484	469764	471989	0.50	cps
Calcium	44-1	6933658	6965187	6857124	6918656	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623540	615279	609933	616251	1.11	cps
Cobalt	59-2	999739	991463	982553	991251	0.87	cps
Copper	63-2	6992901	6874496	6921497	6929631	0.86	cps
Dysprosium	156-1	117	67	125	103	30.69	cps
Dysprosium	156-2	97	130	117	114	14.66	cps
Erbium	164-1	83	67	125	92	32.77	cps
Erbium	164-2	37	30	73	47	49.99	cps
Gadolinium	160-1	208	175	133	172	21.82	cps
Gadolinium	160-2	193	187	233	204	12.35	cps
Holmium	165-1	9096108	8945168	9157476	9066251	1.21	cps
Holmium	165-2	5450431	5408072	5386459	5414987	0.60	cps
Indium	115-1	6203793	6132040	6129835	6155223	0.68	cps
Indium	115-2	1598259	1597847	1587933	1594680	0.37	cps
Iron	56-2	26838234	26345346	26076459	26420013	1.46	cps
Iron	57-2	703247	694374	693294	696972	0.78	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:43:40	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1576679	1557610	1557453	1563914	0.71	cps
Krypton	83-1	510	507	460	492	5.68	cps
Lead	206-1	9371119	9507404	9392097	9423540	0.78	cps
Lead	207-1	8209260	8349269	8179121	8245884	1.10	cps
Lead	208-1	37656038	38098642	37680996	37811892	0.66	cps
Lithium	6-1	1984057	1969659	1940241	1964652	1.14	cps
Magnesium	24-2	6016474	6014983	5941325	5990927	0.72	cps
Manganese	55-2	4248518	4194609	4189858	4210995	0.77	cps
Molybdenum	94-1	3370285	3384014	3376361	3376887	0.20	cps
Molybdenum	95-1	4116468	4134305	4128194	4126323	0.22	cps
Molybdenum	96-1	4538454	4604022	4606451	4582976	0.84	cps
Molybdenum	97-1	2572067	2581676	2590752	2581498	0.36	cps
Molybdenum	98-1	6411787	6430317	6454636	6432247	0.33	cps
Neodymium	150-1	273	180	247	233	20.60	cps
Neodymium	150-2	53	57	20	43	46.79	cps
Nickel	60-2	257258	256199	254938	256132	0.45	cps
Phosphorus	31-2	28068	26733	27684	27495	2.50	cps
Potassium	39-2	2786985	2762918	2758740	2769548	0.55	cps
Rhodium	103-1	5441631	5390906	5352945	5395160	0.82	cps
Rhodium	103-2	3021525	3039613	3015075	3025404	0.42	cps
Scandium	45-1	3256115	3223269	3209330	3229571	0.74	cps
Scandium	45-2	223505	221053	221523	222027	0.59	cps
Selenium	82-1	28054	27966	27837	27952	0.39	cps
Selenium	77-2	1927	1947	1830	1901	3.28	cps
Selenium	78-2	6407	6383	6496	6429	0.93	cps
Silicon	28-1	1220550	1282790	1327828	1277056	4.22	cps
Silver	107-1	2254453	2244254	2266151	2254953	0.49	cps
Silver	109-1	2165751	2181643	2178795	2175396	0.39	cps
Sodium	23-2	10286474	10099389	10135079	10173647	0.98	cps
Strontium	86-1	5077061	5164578	5174010	5138550	1.04	cps
Strontium	88-1	42989803	43342193	43958684	43430227	1.13	cps
Sulfur	34-1	487972	492673	494749	491798	0.71	cps
Terbium	159-1	9016058	8969094	9007531	8997561	0.28	cps
Terbium	159-2	5244926	5275835	5239387	5253383	0.37	cps
Thallium	203-1	2325556	2302436	2333163	2320385	0.69	cps
Thallium	205-1	5639150	5621775	5637636	5632854	0.17	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:43:40	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	8401391	8302204	8326437	8343344	0.62	cps
Tin	118-1	1524786	1552756	1540321	1539288	0.91	cps
Titanium	47-1	1029386	1042177	1027186	1032917	0.78	cps
Uranium	238-1	7819244	7834559	7869017	7840940	0.33	cps
Vanadium	51-2	508321	500537	507854	505571	0.86	cps
Yttrium	89-1	9306339	9224079	9227584	9252667	0.50	cps
Yttrium	89-2	1843274	1840379	1847399	1843684	0.19	cps
Zinc	66-2	1147925	1142083	1136010	1142006	0.52	cps
Zirconium	90-1	2800292	2834596	2822956	2819281	0.62	cps
Zirconium	91-1	625369	629996	634036	629800	0.69	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1050572	1034404	1026777	1037251	1.17	cps
Antimony	121-1	3476031	3478454	3447119	3467201	0.50	cps
Arsenic	75-2	121277	120854	120622	120918	0.27	cps
Barium	135-1	4124218	4122158	4112620	4119666	0.15	cps
Barium	137-1	7015569	6963499	7021946	7000338	0.46	cps
Beryllium	9-1	656786	653845	644339	651657	1.00	cps
Bismuth	209-1	6419114	6400013	6382563	6400564	0.29	cps
Bismuth	209-2	4098962	4088882	4069161	4085668	0.37	cps
Boron	10-1	78251	80271	80304	79609	1.48	cps
Boron	11-1	354044	374796	367323	365388	2.88	cps
Bromine	81-1	5159	5384	4801	5115	5.75	cps
Bromine	81-2	50	30	70	50	40.00	cps
Cadmium	111-1	866809	855096	845791	855899	1.23	cps
Cadmium	106-1	101905	101755	101662	101774	0.12	cps
Cadmium	108-1	69824	68083	67576	68495	1.72	cps
Calcium	43-1	881919	870491	848157	866856	1.98	cps
Calcium	44-1	12780819	12673767	12576400	12676995	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1120070	1110292	1103071	1111144	0.77	cps
Cobalt	59-2	1800821	1794065	1783375	1792754	0.49	cps
Copper	63-2	12566554	12484209	12407334	12486032	0.64	cps
Dysprosium	156-1	308	283	275	289	6.01	cps
Dysprosium	156-2	197	193	140	177	18.00	cps
Erbium	164-1	117	108	167	131	24.16	cps
Erbium	164-2	67	53	40	53	25.00	cps
Gadolinium	160-1	242	283	200	242	17.24	cps
Gadolinium	160-2	233	207	230	223	6.51	cps
Holmium	165-1	8913032	8901312	8843049	8885798	0.42	cps
Holmium	165-2	5241800	5260186	5229593	5243860	0.29	cps
Indium	115-1	5918569	5842562	5771415	5844182	1.26	cps
Indium	115-2	1489847	1488310	1488825	1488994	0.05	cps
Iron	56-2	49152905	48398257	48336548	48629237	0.93	cps
Iron	57-2	1291778	1274270	1268158	1278069	0.96	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2859719	2844159	2819489	2841122	0.71	cps
Krypton	83-1	497	460	493	483	4.20	cps
Lead	206-1	18387975	18252576	18352274	18330942	0.38	cps
Lead	207-1	16167947	16211534	16140705	16173396	0.22	cps
Lead	208-1	73403725	73640860	73457169	73500585	0.17	cps
Lithium	6-1	1859346	1845609	1828315	1844423	0.84	cps
Magnesium	24-2	11054964	10936584	10794866	10928805	1.19	cps
Manganese	55-2	7502068	7393756	7454924	7450249	0.73	cps
Molybdenum	94-1	6180258	6068736	5997529	6082174	1.51	cps
Molybdenum	95-1	7484938	7531512	7416033	7477495	0.78	cps
Molybdenum	96-1	8318573	8291193	8151783	8253850	1.08	cps
Molybdenum	97-1	4901739	4843526	4767853	4837706	1.39	cps
Molybdenum	98-1	12034486	11994396	11852777	11960553	0.80	cps
Neodymium	150-1	407	447	520	458	12.56	cps
Neodymium	150-2	70	107	107	94	22.42	cps
Nickel	60-2	459410	462597	457126	459711	0.60	cps
Phosphorus	31-2	49273	48028	46999	48100	2.37	cps
Potassium	39-2	5043592	4981482	4937011	4987362	1.07	cps
Rhodium	103-1	5096021	5027211	4986681	5036638	1.10	cps
Rhodium	103-2	2820986	2808765	2824821	2818191	0.30	cps
Scandium	45-1	3065106	2990287	2952273	3002555	1.91	cps
Scandium	45-2	207711	204416	202952	205026	1.19	cps
Selenium	82-1	51745	51908	51434	51696	0.47	cps
Selenium	77-2	3754	3410	3634	3599	4.84	cps
Selenium	78-2	11692	11877	11601	11723	1.20	cps
Silicon	28-1	2148948	2251797	2289519	2230088	3.26	cps
Silver	107-1	4193136	4148538	4099301	4146991	1.13	cps
Silver	109-1	4023619	4011610	3941925	3992385	1.10	cps
Sodium	23-2	18667730	18359313	18254083	18427042	1.17	cps
Strontium	86-1	9410498	9307821	9261497	9326605	0.82	cps
Strontium	88-1	81797356	80960577	80170964	80976299	1.00	cps
Sulfur	34-1	608417	595636	582177	595410	2.20	cps
Terbium	159-1	8779840	8770093	8844586	8798173	0.46	cps
Terbium	159-2	5055890	5046363	5051275	5051176	0.09	cps
Thallium	203-1	4505220	4526991	4499087	4510433	0.33	cps
Thallium	205-1	10659982	10574500	10670062	10634848	0.49	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:46:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16190470	16435924	16321024	16315806	0.75	cps
Tin	118-1	2878262	2892060	2887508	2885943	0.24	cps
Titanium	47-1	1911127	1878679	1868017	1885941	1.19	cps
Uranium	238-1	15398042	15414847	15468463	15427117	0.24	cps
Vanadium	51-2	915768	914709	911206	913894	0.26	cps
Yttrium	89-1	8901441	8703980	8558276	8721232	1.97	cps
Yttrium	89-2	1724620	1728298	1719776	1724231	0.25	cps
Zinc	66-2	2095020	2091741	2080115	2088959	0.37	cps
Zirconium	90-1	5326474	5268167	5149570	5248070	1.72	cps
Zirconium	91-1	1177002	1179301	1153690	1169998	1.21	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 16:49:46 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1931291	1937911	1942891	1937364	0.30	cps
Antimony	121-1	6337670	6428178	6426391	6397413	0.81	cps
Arsenic	75-2	226975	226632	227241	226949	0.13	cps
Barium	135-1	7580206	7591478	7559069	7576918	0.22	cps
Barium	137-1	13283186	13223722	13224176	13243694	0.26	cps
Beryllium	9-1	1186609	1179397	1180726	1182244	0.32	cps
Bismuth	209-1	6106835	6089733	6105552	6100707	0.16	cps
Bismuth	209-2	3874687	3894197	3902076	3890320	0.36	cps
Boron	10-1	144199	147839	151929	147989	2.61	cps
Boron	11-1	650627	679212	693957	674598	3.27	cps
Bromine	81-1	4267	4443	4184	4298	3.07	cps
Bromine	81-2	50	30	40	40	25.00	cps
Cadmium	111-1	1565346	1585353	1585594	1578764	0.74	cps
Cadmium	106-1	185785	188293	184599	186226	1.01	cps
Cadmium	108-1	126342	128095	125687	126708	0.98	cps
Calcium	43-1	1586149	1585845	1574788	1582261	0.41	cps
Calcium	44-1	23084809	23249026	23413707	23249181	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2114700	2099117	2087634	2100483	0.65	cps
Cobalt	59-2	3342065	3336110	3340130	3339435	0.09	cps
Copper	63-2	23145710	22983180	23130830	23086573	0.39	cps
Dysprosium	156-1	392	508	492	464	13.60	cps
Dysprosium	156-2	300	290	287	292	2.38	cps
Erbium	164-1	200	208	200	203	2.37	cps
Erbium	164-2	87	87	80	84	4.56	cps
Gadolinium	160-1	417	383	383	394	4.88	cps
Gadolinium	160-2	330	373	387	363	8.15	cps
Holmium	165-1	8557579	8433743	8455864	8482395	0.78	cps
Holmium	165-2	5082434	5062740	5069419	5071531	0.20	cps
Indium	115-1	5365094	5353218	5336346	5351553	0.27	cps
Indium	115-2	1385653	1378725	1387361	1383913	0.33	cps
Iron	56-2	92217658	90928502	90770838	91305666	0.87	cps
Iron	57-2	2430187	2411307	2388560	2410018	0.86	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:49:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5347660	5326342	5269695	5314566	0.76	cps
Krypton	83-1	447	440	477	454	4.30	cps
Lead	206-1	35464226	35405991	35337796	35402671	0.18	cps
Lead	207-1	31331163	31288593	31329849	31316535	0.08	cps
Lead	208-1	142524746	142863919	142708585	142699084	0.12	cps
Lithium	6-1	1698777	1688976	1679289	1689014	0.58	cps
Magnesium	24-2	20334024	20409087	20451815	20398309	0.29	cps
Manganese	55-2	14096993	14016946	13926436	14013459	0.61	cps
Molybdenum	94-1	11211080	11255098	11298939	11255039	0.39	cps
Molybdenum	95-1	13738319	13680192	13755751	13724754	0.29	cps
Molybdenum	96-1	15167236	15283612	15323389	15258079	0.53	cps
Molybdenum	97-1	8482970	8628246	8707640	8606286	1.32	cps
Molybdenum	98-1	22311703	22297832	22132858	22247464	0.45	cps
Neodymium	150-1	607	687	827	707	15.76	cps
Neodymium	150-2	120	87	107	104	16.06	cps
Nickel	60-2	854218	848806	848318	850447	0.39	cps
Phosphorus	31-2	89257	89040	88193	88830	0.63	cps
Potassium	39-2	8507426	8442253	8494745	8481475	0.41	cps
Rhodium	103-1	4567268	4567964	4533217	4556150	0.44	cps
Rhodium	103-2	2619739	2616337	2624983	2620353	0.17	cps
Scandium	45-1	2732764	2705171	2701861	2713265	0.63	cps
Scandium	45-2	192365	192037	193937	192779	0.53	cps
Selenium	82-1	94175	94478	94293	94315	0.16	cps
Selenium	77-2	6465	6512	6592	6523	0.98	cps
Selenium	78-2	22000	21601	21609	21737	1.05	cps
Silicon	28-1	3848016	3975600	4060181	3961265	2.70	cps
Silver	107-1	7313568	7400498	7444342	7386136	0.90	cps
Silver	109-1	7043312	7105191	7030870	7059791	0.56	cps
Sodium	23-2	34765021	34642595	34761630	34723082	0.20	cps
Strontium	86-1	17324159	17300931	17381238	17335443	0.24	cps
Strontium	88-1	150652491	150185116	150685462	150507689	0.19	cps
Sulfur	34-1	789774	787717	788751	788747	0.13	cps
Terbium	159-1	8374551	8311353	8408234	8364713	0.59	cps
Terbium	159-2	4893103	4856858	4910752	4886904	0.56	cps
Thallium	203-1	8557723	8430886	8467911	8485507	0.77	cps
Thallium	205-1	20598682	20399860	20519124	20505888	0.49	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:49:46	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	31809225	32468399	32222674	32166766	1.04	cps
Tin	118-1	5383376	5450463	5473213	5435684	0.86	cps
Titanium	47-1	3456134	3434118	3437937	3442730	0.34	cps
Uranium	238-1	30351287	30481782	30396884	30409984	0.22	cps
Vanadium	51-2	1725251	1718098	1705355	1716235	0.59	cps
Yttrium	89-1	8127989	8049665	8141439	8106365	0.61	cps
Yttrium	89-2	1644580	1628826	1638051	1637152	0.48	cps
Zinc	66-2	3926233	3931345	3916244	3924607	0.20	cps
Zirconium	90-1	9341945	9360953	9365322	9356073	0.13	cps
Zirconium	91-1	2143336	2162808	2177738	2161294	0.80	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10053480	10158855	10300214	10170850	1.22	cps
Antimony	121-1	3475	3567	3551	3531	1.38	cps
Arsenic	75-2	80	98	78	85	13.22	cps
Barium	135-1	2775	3092	3100	2989	6.20	cps
Barium	137-1	5309	5109	5585	5334	4.47	cps
Beryllium	9-1	306	228	178	237	27.16	cps
Bismuth	209-1	5596174	5624973	5680203	5633783	0.76	cps
Bismuth	209-2	3713291	3720776	3719299	3717789	0.11	cps
Boron	10-1	6085	5284	4943	5437	10.78	cps
Boron	11-1	27392	25238	23018	25216	8.67	cps
Bromine	81-1	4284	4718	4743	4581	5.63	cps
Bromine	81-2	90	60	130	93	37.63	cps
Cadmium	111-1	1223	1156	1128	1169	4.16	cps
Cadmium	106-1	3576	3459	3851	3628	5.54	cps
Cadmium	108-1	108	129	138	125	12.02	cps
Calcium	43-1	7064444	7221901	7464341	7250228	2.78	cps
Calcium	44-1	113183669	116449398	121294349	116975805	3.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7879	7639	7535	7684	2.29	cps
Cobalt	59-2	9700	9486	9423	9537	1.52	cps
Copper	63-2	5631	5758	6048	5812	3.68	cps
Dysprosium	156-1	1467	1158	1308	1311	11.76	cps
Dysprosium	156-2	850	877	793	840	5.07	cps
Erbium	164-1	367	308	392	356	12.03	cps
Erbium	164-2	157	153	147	152	3.35	cps
Gadolinium	160-1	1358	1550	1775	1561	13.36	cps
Gadolinium	160-2	927	1023	1107	1019	8.84	cps
Holmium	165-1	8376153	8457346	8560594	8464697	1.09	cps
Holmium	165-2	5239198	5235856	5205356	5226803	0.36	cps
Indium	115-1	5227729	5294231	5450719	5324226	2.15	cps
Indium	115-2	1501829	1509482	1519257	1510189	0.58	cps
Iron	56-2	494353933	484848066	487155233	488785744	1.01	cps
Iron	57-2	12371626	12272683	12291208	12311839	0.43	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	26620404	26270474	26459898	26450259	0.66	cps
Krypton	83-1	453	467	460	460	1.45	cps
Lead	206-1	10098	10260	9787	10048	2.39	cps
Lead	207-1	9131	8898	8842	8957	1.71	cps
Lead	208-1	40552	40564	40158	40425	0.57	cps
Lithium	6-1	1663271	1704235	1765227	1710911	3.00	cps
Magnesium	24-2	111891111	111104461	112069457	111688343	0.46	cps
Manganese	55-2	14581	14654	14354	14530	1.08	cps
Molybdenum	94-1	3084	3134	3309	3175	3.72	cps
Molybdenum	95-1	3484	3584	3742	3603	3.62	cps
Molybdenum	96-1	4709	4934	4951	4865	2.78	cps
Molybdenum	97-1	2409	2384	2134	2309	6.59	cps
Molybdenum	98-1	6001	5601	5735	5779	3.53	cps
Neodymium	150-1	40	13	33	29	48.05	cps
Neodymium	150-2	13	13	27	18	43.33	cps
Nickel	60-2	3761	3741	3854	3785	1.60	cps
Phosphorus	31-2	1058	975	1033	1022	4.18	cps
Potassium	39-2	47126326	47333571	48263966	47574621	1.27	cps
Rhodium	103-1	4299910	4328907	4501637	4376818	2.49	cps
Rhodium	103-2	2693747	2717749	2713750	2708415	0.47	cps
Scandium	45-1	2691079	2726277	2874760	2764039	3.53	cps
Scandium	45-2	215634	214962	216531	215709	0.37	cps
Selenium	82-1	-42	-25	-6	-24	-75.52	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	56	57	67	60	9.94	cps
Silicon	28-1	314019	334151	351266	333146	5.60	cps
Silver	107-1	2042	2017	1817	1959	6.30	cps
Silver	109-1	1517	1675	1692	1628	5.93	cps
Sodium	23-2	185693521	188358133	190373321	188141658	1.25	cps
Strontium	86-1	7611	8002	7836	7816	2.52	cps
Strontium	88-1	61231	60879	62561	61557	1.44	cps
Sulfur	34-1	290899	283213	293100	289071	1.80	cps
Terbium	159-1	8186995	8343622	8528281	8352966	2.05	cps
Terbium	159-2	5079823	5061425	5056460	5065903	0.24	cps
Thallium	203-1	3776	3659	3142	3526	9.56	cps
Thallium	205-1	9237	8495	6944	8225	14.23	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 16:52:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2806	2434	2278	2506	10.82	cps
Tin	118-1	2434	2250	2350	2345	3.92	cps
Titanium	47-1	575	800	608	661	18.37	cps
Uranium	238-1	2842	2875	2584	2767	5.77	cps
Vanadium	51-2	200	277	177	218	24.02	cps
Yttrium	89-1	8058130	8090902	8442496	8197176	2.60	cps
Yttrium	89-2	1808442	1798673	1819751	1808956	0.58	cps
Zinc	66-2	7462	7412	7072	7315	2.90	cps
Zirconium	90-1	3100	2734	2634	2823	8.71	cps
Zirconium	91-1	458	500	517	492	6.11	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:13:46 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57778	58372	58832	58328	0.91	cps
Antimony	121-1	1466884	1470744	1475532	1471053	0.29	cps
Arsenic	75-2	56433	55834	55494	55920	0.85	cps
Barium	135-1	177831	179754	179003	178863	0.54	cps
Barium	137-1	315047	315174	316247	315489	0.21	cps
Beryllium	9-1	141327	141949	140486	141254	0.52	cps
Bismuth	209-1	6798431	6745629	6732558	6758873	0.52	cps
Bismuth	209-2	4383163	4438928	4411383	4411158	0.63	cps
Boron	10-1	958	833	850	881	7.71	cps
Boron	11-1	4684	4601	4209	4498	5.64	cps
Bromine	81-1	6135	6001	6293	6143	2.38	cps
Bromine	81-2	30	20	30	27	21.65	cps
Cadmium	111-1	190125	190567	190343	190345	0.12	cps
Cadmium	106-1	20615	20757	21233	20869	1.55	cps
Cadmium	108-1	13010	12864	12923	12932	0.57	cps
Calcium	43-1	36420	37381	36403	36735	1.52	cps
Calcium	44-1	602808	593998	595558	597455	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258609	257466	257008	257695	0.32	cps
Cobalt	59-2	422170	419763	419080	420338	0.39	cps
Copper	63-2	298032	299767	296372	298057	0.57	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	27	27	47	33	34.64	cps
Gadolinium	160-1	17	75	33	42	72.11	cps
Gadolinium	160-2	123	140	150	138	9.77	cps
Holmium	165-1	9296350	9250038	9271688	9272692	0.25	cps
Holmium	165-2	5492660	5537612	5564356	5531542	0.65	cps
Indium	115-1	6504500	6463285	6429706	6465830	0.58	cps
Indium	115-2	1684494	1694502	1692076	1690357	0.31	cps
Iron	56-2	4596979	4563991	4561098	4574023	0.44	cps
Iron	57-2	116619	114973	113585	115059	1.32	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:13:46 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	260447	260678	261106	260743	0.13	cps
Krypton	83-1	527	530	580	546	5.48	cps
Lead	206-1	1666635	1651935	1660507	1659692	0.44	cps
Lead	207-1	1382189	1383520	1377718	1381142	0.22	cps
Lead	208-1	6493564	6462916	6454034	6470171	0.32	cps
Lithium	6-1	2031370	2019987	2007736	2019698	0.59	cps
Magnesium	24-2	291686	290544	289225	290485	0.42	cps
Manganese	55-2	172808	171111	170251	171390	0.76	cps
Molybdenum	94-1	417	667	542	542	23.08	cps
Molybdenum	95-1	250	283	317	283	11.76	cps
Molybdenum	96-1	408	483	383	425	12.24	cps
Molybdenum	97-1	117	150	142	136	12.75	cps
Molybdenum	98-1	475	450	467	464	2.74	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	109471	108104	109421	108999	0.71	cps
Phosphorus	31-2	1208	1067	1258	1178	8.44	cps
Potassium	39-2	466658	467294	458564	464172	1.05	cps
Rhodium	103-1	5761504	5689640	5660407	5703850	0.91	cps
Rhodium	103-2	3241172	3243785	3216569	3233842	0.46	cps
Scandium	45-1	3379655	3352569	3376091	3369438	0.44	cps
Scandium	45-2	234208	236842	232234	234428	0.99	cps
Selenium	82-1	23680	23719	23728	23709	0.11	cps
Selenium	77-2	1553	1743	1640	1646	5.78	cps
Selenium	78-2	5588	5508	5264	5454	3.10	cps
Silicon	28-1	190228	192211	199075	193838	2.40	cps
Silver	107-1	453280	453280	454088	453549	0.10	cps
Silver	109-1	436303	429764	431975	432681	0.77	cps
Sodium	23-2	837197	841682	839525	839468	0.27	cps
Strontium	86-1	1525	1425	1425	1458	3.96	cps
Strontium	88-1	6293	6126	6285	6235	1.51	cps
Sulfur	34-1	343473	340847	344063	342795	0.50	cps
Terbium	159-1	9301830	9316640	9292407	9303626	0.13	cps
Terbium	159-2	5396920	5412644	5436189	5415251	0.36	cps
Thallium	203-1	1997667	1990992	1986831	1991830	0.27	cps
Thallium	205-1	4882900	4812254	4838201	4844452	0.74	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:13:46	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	339	256	361	319	17.47	cps
Tin	118-1	1525	1775	1517	1606	9.14	cps
Titanium	47-1	108	158	92	119	29.05	cps
Uranium	238-1	317	400	308	342	14.84	cps
Vanadium	51-2	205821	205529	203009	204786	0.75	cps
Yttrium	89-1	9677193	9589619	9653604	9640139	0.47	cps
Yttrium	89-2	1951697	1950455	1938269	1946807	0.38	cps
Zinc	66-2	95090	95184	95654	95309	0.32	cps
Zirconium	90-1	958	1117	1042	1039	7.62	cps
Zirconium	91-1	367	392	408	389	5.39	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:24:24 DataFile Name : 012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2892	2659	2650	2734	5.02	cps
Antimony	121-1	15759	14450	15375	15195	4.43	cps
Arsenic	75-2	304	311	306	307	1.26	cps
Barium	135-1	18755	19172	18321	18749	2.27	cps
Barium	137-1	32639	31561	32363	32188	1.74	cps
Beryllium	9-1	1572	1667	1678	1639	3.54	cps
Bismuth	209-1	6795522	6746670	6796571	6779587	0.42	cps
Bismuth	209-2	4404817	4445027	4430038	4426627	0.46	cps
Boron	10-1	4626	4801	5201	4876	6.05	cps
Boron	11-1	20398	21858	21716	21324	3.78	cps
Bromine	81-1	6227	6110	6035	6124	1.58	cps
Bromine	81-2	30	0	50	27	94.37	cps
Cadmium	111-1	2930	2738	2874	2847	3.46	cps
Cadmium	106-1	3984	3876	4009	3956	1.79	cps
Cadmium	108-1	192	250	225	222	13.17	cps
Calcium	43-1	9670	10321	9854	9948	3.37	cps
Calcium	44-1	161455	160967	162744	161722	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6231	5991	5765	5996	3.89	cps
Cobalt	59-2	4624	4504	4374	4501	2.78	cps
Copper	63-2	6485	6532	6495	6504	0.38	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	17	17	27	20	28.86	cps
Gadolinium	160-1	83	8	42	44	84.56	cps
Gadolinium	160-2	120	153	133	136	12.38	cps
Holmium	165-1	9257103	9204221	9345749	9269024	0.77	cps
Holmium	165-2	5551238	5585621	5575959	5570939	0.32	cps
Indium	115-1	6486647	6476764	6538102	6500504	0.51	cps
Indium	115-2	1713905	1711667	1711603	1712392	0.08	cps
Iron	56-2	132793	130466	128982	130747	1.47	cps
Iron	57-2	3250	3400	3384	3345	2.46	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:24:24	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7379	7840	7199	7473	4.42	cps
Krypton	83-1	557	553	507	539	5.19	cps
Lead	206-1	8603	8297	8759	8553	2.74	cps
Lead	207-1	7858	7536	7430	7608	2.93	cps
Lead	208-1	34768	34574	34652	34665	0.28	cps
Lithium	6-1	2019193	2012468	2043219	2024960	0.80	cps
Magnesium	24-2	130631	133109	131220	131653	0.98	cps
Manganese	55-2	1913	2007	2100	2007	4.65	cps
Molybdenum	94-1	14032	14583	14216	14277	1.96	cps
Molybdenum	95-1	18087	17236	17353	17558	2.63	cps
Molybdenum	96-1	20323	19998	19481	19934	2.13	cps
Molybdenum	97-1	10896	11588	10871	11119	3.66	cps
Molybdenum	98-1	29414	29414	28963	29264	0.89	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1337	1367	1270	1325	3.74	cps
Phosphorus	31-2	1092	1108	1200	1133	5.15	cps
Potassium	39-2	145455	144403	142177	144012	1.16	cps
Rhodium	103-1	5751027	5744923	5790570	5762174	0.43	cps
Rhodium	103-2	3282727	3283627	3277861	3281405	0.09	cps
Scandium	45-1	3387650	3381575	3398608	3389278	0.25	cps
Scandium	45-2	237513	237970	236710	237398	0.27	cps
Selenium	82-1	536	596	566	566	5.31	cps
Selenium	77-2	47	50	37	44	15.61	cps
Selenium	78-2	213	206	193	204	5.06	cps
Silicon	28-1	205924	207706	208677	207436	0.67	cps
Silver	107-1	9470	9128	9503	9367	2.22	cps
Silver	109-1	8661	8611	9337	8870	4.57	cps
Sodium	23-2	230799	232627	229260	230895	0.73	cps
Strontium	86-1	3417	3642	3167	3409	6.97	cps
Strontium	88-1	20841	21859	21074	21258	2.51	cps
Sulfur	34-1	337446	343483	345151	342027	1.19	cps
Terbium	159-1	9269295	9218386	9228069	9238583	0.29	cps
Terbium	159-2	5423602	5470742	5468753	5454365	0.49	cps
Thallium	203-1	9695	9896	9370	9654	2.75	cps
Thallium	205-1	24139	22753	23797	23563	3.06	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:24:24	DataFile Name :	012LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	144	139	146	5.80	cps
Tin	118-1	31770	67587	32513	43957	46.56	cps
Titanium	47-1	4492	4451	4217	4387	3.38	cps
Uranium	238-1	30303	30662	30930	30632	1.03	cps
Vanadium	51-2	11008	10837	10897	10914	0.79	cps
Yttrium	89-1	9721143	9669009	9671683	9687279	0.30	cps
Yttrium	89-2	1974307	1967619	1969481	1970469	0.18	cps
Zinc	66-2	1907	1893	1977	1926	2.32	cps
Zirconium	90-1	11838	12472	11989	12100	2.74	cps
Zirconium	91-1	2517	2417	2742	2559	6.51	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:27:34 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	158	100	131	22.42	cps
Antimony	121-1	125	158	192	158	21.05	cps
Arsenic	75-2	2	7	2	4	86.68	cps
Barium	135-1	33	8	17	19	65.47	cps
Barium	137-1	67	33	42	47	36.74	cps
Beryllium	9-1	44	67	67	59	21.65	cps
Bismuth	209-1	6770833	6812531	6767648	6783671	0.37	cps
Bismuth	209-2	4418922	4425799	4421056	4421926	0.08	cps
Boron	10-1	792	717	642	717	10.47	cps
Boron	11-1	3525	3300	2759	3195	12.34	cps
Bromine	81-1	6418	5626	6202	6082	6.73	cps
Bromine	81-2	70	70	70	70	0.00	cps
Cadmium	111-1	811	770	780	787	2.70	cps
Cadmium	106-1	3951	3867	3834	3884	1.55	cps
Cadmium	108-1	13	29	17	19	44.61	cps
Calcium	43-1	158	142	242	181	29.67	cps
Calcium	44-1	4567	4643	4884	4698	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	617	680	640	646	4.96	cps
Cobalt	59-2	37	50	23	37	36.37	cps
Copper	63-2	587	530	520	546	6.59	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	8	42	39	75.26	cps
Erbium	164-2	43	23	40	36	30.14	cps
Gadolinium	160-1	92	75	33	67	45.07	cps
Gadolinium	160-2	113	100	127	113	11.77	cps
Holmium	165-1	9364804	9304543	9311924	9327090	0.35	cps
Holmium	165-2	5624412	5642796	5603128	5623445	0.35	cps
Indium	115-1	6441998	6398478	6500839	6447105	0.80	cps
Indium	115-2	1709106	1721766	1718049	1716307	0.38	cps
Iron	56-2	3923	4245	4001	4056	4.15	cps
Iron	57-2	161	167	94	141	28.55	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 17:27:34 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	641	721	771	711	9.24	cps
Krypton	83-1	517	540	600	552	7.79	cps
Lead	206-1	639	806	744	730	11.56	cps
Lead	207-1	667	628	628	641	3.50	cps
Lead	208-1	2845	2817	2828	2830	0.49	cps
Lithium	6-1	2014832	2010081	2013609	2012841	0.12	cps
Magnesium	24-2	292	250	225	256	13.18	cps
Manganese	55-2	170	120	97	129	29.07	cps
Molybdenum	94-1	183	267	208	219	19.49	cps
Molybdenum	95-1	33	25	33	31	15.74	cps
Molybdenum	96-1	108	100	58	89	30.13	cps
Molybdenum	97-1	33	33	33	33	0.00	cps
Molybdenum	98-1	42	58	100	67	45.07	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	127	87	137	117	22.68	cps
Phosphorus	31-2	1033	1133	1000	1056	6.57	cps
Potassium	39-2	27810	28378	28344	28177	1.13	cps
Rhodium	103-1	5665449	5776385	5763051	5734962	1.06	cps
Rhodium	103-2	3298567	3296295	3269275	3288046	0.50	cps
Scandium	45-1	3306929	3386636	3377551	3357039	1.30	cps
Scandium	45-2	238230	238878	236337	237815	0.56	cps
Selenium	82-1	-6	-35	-67	-36	-85.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	56	65	58	10.26	cps
Silicon	28-1	158398	167756	170139	165431	3.75	cps
Silver	107-1	108	158	217	161	33.65	cps
Silver	109-1	108	75	50	78	37.63	cps
Sodium	23-2	8419	8803	8403	8542	2.65	cps
Strontium	86-1	792	975	842	869	10.90	cps
Strontium	88-1	333	183	283	267	28.64	cps
Sulfur	34-1	335064	348941	349468	344491	2.37	cps
Terbium	159-1	9185087	9305981	9233624	9241564	0.66	cps
Terbium	159-2	5447137	5459449	5436921	5447836	0.21	cps
Thallium	203-1	200	150	75	142	44.41	cps
Thallium	205-1	383	333	283	333	15.00	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:27:34	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	156	267	183	202	28.65	cps
Tin	118-1	967	1142	1067	1058	8.30	cps
Titanium	47-1	25	42	67	44	47.19	cps
Uranium	238-1	33	8	42	28	62.46	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	9572355	9753193	9622076	9649208	0.97	cps
Yttrium	89-2	1973708	1982234	1983072	1979671	0.26	cps
Zinc	66-2	473	533	503	503	5.96	cps
Zirconium	90-1	483	525	433	481	9.55	cps
Zirconium	91-1	117	75	167	119	38.43	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9924298	9891681	9962106	9926028	0.36	cps
Antimony	121-1	8269	8236	8319	8275	0.51	cps
Arsenic	75-2	126	83	100	103	20.82	cps
Barium	135-1	2584	2517	2517	2539	1.52	cps
Barium	137-1	4084	4309	4326	4240	3.18	cps
Beryllium	9-1	344	350	394	363	7.55	cps
Bismuth	209-1	6452885	6667466	6614537	6578296	1.70	cps
Bismuth	209-2	4223556	4169515	4282522	4225198	1.34	cps
Boron	10-1	725	658	542	642	14.46	cps
Boron	11-1	3059	3150	2634	2948	9.35	cps
Bromine	81-1	5801	6168	4934	5635	11.24	cps
Bromine	81-2	80	90	80	83	6.93	cps
Cadmium	111-1	1696	1967	2118	1927	11.11	cps
Cadmium	106-1	3601	3684	3734	3673	1.83	cps
Cadmium	108-1	2363	2046	1946	2118	10.27	cps
Calcium	43-1	1698467	1688858	1721687	1703004	0.99	cps
Calcium	44-1	25356207	25069214	25647643	25357688	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48878	48774	49938	49196	1.31	cps
Cobalt	59-2	4921	4751	5044	4905	3.00	cps
Copper	63-2	21416	22067	22337	21940	2.16	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	27	47	17	30	50.91	cps
Erbium	164-1	92	117	50	86	39.11	cps
Erbium	164-2	53	50	57	53	6.25	cps
Gadolinium	160-1	50	58	108	72	43.69	cps
Gadolinium	160-2	180	90	177	149	34.27	cps
Holmium	165-1	9217656	9498614	9487312	9401194	1.69	cps
Holmium	165-2	5593301	5604326	5707421	5635016	1.12	cps
Indium	115-1	6076902	6153214	6233545	6154554	1.27	cps
Indium	115-2	1676482	1657932	1661898	1665437	0.59	cps
Iron	56-2	209476727	205571171	210295571	208447823	1.21	cps
Iron	57-2	5252934	5412333	5507849	5391039	2.39	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11365299	11266604	11480957	11370953	0.94	cps
Krypton	83-1	497	517	463	492	5.47	cps
Lead	206-1	35247	35414	35659	35440	0.59	cps
Lead	207-1	27768	27985	27490	27748	0.90	cps
Lead	208-1	133388	133957	131517	132954	0.96	cps
Lithium	6-1	1847697	1865153	1797076	1836642	1.93	cps
Magnesium	24-2	21627117	21687364	21845588	21720023	0.52	cps
Manganese	55-2	13129	12502	12519	12717	2.81	cps
Molybdenum	94-1	3475125	3457747	3562954	3498609	1.61	cps
Molybdenum	95-1	5930684	5948749	6120060	5999831	1.74	cps
Molybdenum	96-1	6444022	6341613	6523132	6436256	1.41	cps
Molybdenum	97-1	3864915	3818843	3963676	3882478	1.91	cps
Molybdenum	98-1	9670732	9574609	9862540	9702627	1.51	cps
Neodymium	150-1	27	47	47	40	28.87	cps
Neodymium	150-2	27	23	13	21	32.88	cps
Nickel	60-2	5521	5581	5831	5644	2.91	cps
Phosphorus	31-2	519210	507370	510648	512409	1.19	cps
Potassium	39-2	19198877	19003543	19164223	19122214	0.55	cps
Rhodium	103-1	5180155	5161772	5317015	5219647	1.63	cps
Rhodium	103-2	3094224	3083684	3109867	3095925	0.43	cps
Scandium	45-1	3138758	3125370	3207166	3157098	1.39	cps
Scandium	45-2	231163	229594	232062	230940	0.54	cps
Selenium	82-1	-24	3	71	17	291.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	41	56	46	48	15.75	cps
Silicon	28-1	241475	231903	262106	245161	6.30	cps
Silver	107-1	183	275	183	214	24.74	cps
Silver	109-1	108	233	233	192	37.65	cps
Sodium	23-2	38048664	38667652	39047581	38587966	1.31	cps
Strontium	86-1	67659	69342	69928	68976	1.71	cps
Strontium	88-1	596508	589329	610018	598618	1.75	cps
Sulfur	34-1	3035160	3039902	3015782	3030281	0.42	cps
Terbium	159-1	9058404	9258657	9282368	9199810	1.34	cps
Terbium	159-2	5427609	5462886	5506411	5465635	0.72	cps
Thallium	203-1	683	792	633	703	11.52	cps
Thallium	205-1	1625	1675	1492	1597	5.93	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:30:44	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	178	228	239	215	15.15	cps
Tin	118-1	1925	2676	1784	2128	22.54	cps
Titanium	47-1	1564313	1530773	1596812	1563966	2.11	cps
Uranium	238-1	550	517	667	578	13.63	cps
Vanadium	51-2	347	317	407	357	12.85	cps
Yttrium	89-1	9027689	9084925	9453171	9188595	2.51	cps
Yttrium	89-2	1980360	1941716	1948649	1956908	1.05	cps
Zinc	66-2	5868	5851	5998	5906	1.36	cps
Zirconium	90-1	733	842	817	797	7.12	cps
Zirconium	91-1	175	142	117	144	20.26	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9825132	9802346	9886357	9837945	0.44	cps
Antimony	121-1	154119	154355	155805	154760	0.59	cps
Arsenic	75-2	5314	5407	5347	5356	0.88	cps
Barium	135-1	38395	37426	38262	38027	1.38	cps
Barium	137-1	65831	66911	65990	66244	0.88	cps
Beryllium	9-1	25755	25366	25271	25464	1.01	cps
Bismuth	209-1	6748883	6834145	6835975	6806334	0.73	cps
Bismuth	209-2	4245890	4273590	4237809	4252430	0.44	cps
Boron	10-1	10604	11405	11054	11021	3.64	cps
Boron	11-1	51195	50284	50301	50593	1.03	cps
Bromine	81-1	6143	5776	5610	5843	4.67	cps
Bromine	81-2	210	60	120	130	58.08	cps
Cadmium	111-1	38091	38025	37255	37791	1.23	cps
Cadmium	106-1	9203	9437	8803	9148	3.50	cps
Cadmium	108-1	5264	5455	5430	5383	1.94	cps
Calcium	43-1	1723200	1734952	1750436	1736196	0.79	cps
Calcium	44-1	25855401	25843482	25770539	25823141	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95073	95044	94792	94970	0.16	cps
Cobalt	59-2	81059	81421	81182	81221	0.23	cps
Copper	63-2	75168	74475	74766	74803	0.47	cps
Dysprosium	156-1	42	50	0	31	87.67	cps
Dysprosium	156-2	13	37	20	23	51.52	cps
Erbium	164-1	108	92	67	89	23.59	cps
Erbium	164-2	37	60	43	47	25.75	cps
Gadolinium	160-1	117	100	50	89	39.03	cps
Gadolinium	160-2	137	130	120	129	6.51	cps
Holmium	165-1	9662550	9650709	9732653	9681970	0.46	cps
Holmium	165-2	5661847	5676119	5692293	5676753	0.27	cps
Indium	115-1	6342282	6361703	6397058	6367014	0.44	cps
Indium	115-2	1638459	1644487	1634322	1639090	0.31	cps
Iron	56-2	207497005	204186427	206536882	206073438	0.83	cps
Iron	57-2	5401459	5346858	5371190	5373169	0.51	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11242711	11038973	10964537	11082074	1.30	cps
Krypton	83-1	467	507	500	491	4.36	cps
Lead	206-1	193151	192428	189476	191685	1.02	cps
Lead	207-1	158486	160791	157811	159030	0.98	cps
Lead	208-1	739918	742647	736685	739750	0.40	cps
Lithium	6-1	1881210	1885881	1870809	1879300	0.41	cps
Magnesium	24-2	21614031	21664744	21726465	21668413	0.26	cps
Manganese	55-2	44417	44423	44484	44441	0.08	cps
Molybdenum	94-1	3906818	3928108	3917986	3917638	0.27	cps
Molybdenum	95-1	6319920	6314127	6280433	6304827	0.34	cps
Molybdenum	96-1	6762204	6720934	6782714	6755284	0.47	cps
Molybdenum	97-1	4065888	4091904	4085370	4081054	0.33	cps
Molybdenum	98-1	10147963	10276747	10155100	10193270	0.71	cps
Neodymium	150-1	40	40	40	40	0.00	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	24821	24925	24918	24888	0.23	cps
Phosphorus	31-2	492226	490406	489998	490877	0.24	cps
Potassium	39-2	18844525	18757087	18848766	18816792	0.28	cps
Rhodium	103-1	5353742	5304619	5370515	5342959	0.64	cps
Rhodium	103-2	3058406	3080078	3058704	3065729	0.41	cps
Scandium	45-1	3184133	3195372	3212731	3197412	0.45	cps
Scandium	45-2	222701	224115	223456	223424	0.32	cps
Selenium	82-1	2171	2160	2230	2187	1.72	cps
Selenium	77-2	183	127	110	140	27.46	cps
Selenium	78-2	496	559	569	541	7.26	cps
Silicon	28-1	424153	436441	442961	434518	2.20	cps
Silver	107-1	164535	167572	166886	166331	0.96	cps
Silver	109-1	159099	160862	158890	159617	0.68	cps
Sodium	23-2	38808536	38525756	38796547	38710280	0.41	cps
Strontium	86-1	182055	187424	189618	186366	2.09	cps
Strontium	88-1	1585818	1600345	1602229	1596131	0.56	cps
Sulfur	34-1	3064072	3083491	3050710	3066091	0.54	cps
Terbium	159-1	9438296	9476372	9699894	9538188	1.48	cps
Terbium	159-2	5481162	5479981	5492905	5484683	0.13	cps
Thallium	203-1	187932	190594	187460	188662	0.90	cps
Thallium	205-1	456499	458440	459732	458224	0.36	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:33:51	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	150	206	194	183	16.04	cps
Tin	118-1	334645	342764	339758	339056	1.21	cps
Titanium	47-1	1618239	1613265	1624252	1618585	0.34	cps
Uranium	238-1	1739263	1753523	1752610	1748465	0.46	cps
Vanadium	51-2	38477	39108	37935	38507	1.52	cps
Yttrium	89-1	9473304	9504506	9513652	9497154	0.22	cps
Yttrium	89-2	1898148	1900840	1900749	1899913	0.08	cps
Zinc	66-2	14457	14487	13997	14314	1.92	cps
Zirconium	90-1	608554	614941	608991	610829	0.58	cps
Zirconium	91-1	137631	137018	138127	137592	0.40	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5003028	4996109	4952690	4983943	0.55	cps
Antimony	121-1	3445517	3468579	3552990	3489029	1.62	cps
Arsenic	75-2	123091	121860	121882	122278	0.58	cps
Barium	135-1	4157048	4197007	4204888	4186315	0.61	cps
Barium	137-1	7002928	7084090	7144612	7077210	1.00	cps
Beryllium	9-1	587803	600407	607989	598733	1.70	cps
Bismuth	209-1	6303617	6377215	6344121	6341651	0.58	cps
Bismuth	209-2	3959198	3964179	3968829	3964069	0.12	cps
Boron	10-1	73335	77774	76234	75781	2.97	cps
Boron	11-1	335271	363020	358098	352130	4.20	cps
Bromine	81-1	5076	5735	5259	5357	6.34	cps
Bromine	81-2	40	80	70	63	32.87	cps
Cadmium	111-1	823885	841086	842919	835963	1.26	cps
Cadmium	106-1	96241	100329	101628	99399	2.83	cps
Cadmium	108-1	65877	67174	66609	66553	0.98	cps
Calcium	43-1	4163353	4154631	4303970	4207318	1.99	cps
Calcium	44-1	61803249	61985041	63852118	62546803	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1136196	1143329	1137189	1138905	0.34	cps
Cobalt	59-2	1792616	1807620	1793919	1798052	0.46	cps
Copper	63-2	12735289	12787351	12557372	12693337	0.95	cps
Dysprosium	156-1	792	825	1008	875	13.33	cps
Dysprosium	156-2	460	523	493	492	6.44	cps
Erbium	164-1	225	225	233	228	2.11	cps
Erbium	164-2	123	120	140	128	8.38	cps
Gadolinium	160-1	700	808	967	825	16.26	cps
Gadolinium	160-2	613	677	550	613	10.33	cps
Holmium	165-1	9053030	9279646	9330157	9220944	1.60	cps
Holmium	165-2	5379220	5428068	5395019	5400769	0.46	cps
Indium	115-1	5913697	6011252	6022321	5982423	1.00	cps
Indium	115-2	1522187	1515784	1524840	1520937	0.31	cps
Iron	56-2	245660694	245073278	243857239	244863737	0.38	cps
Iron	57-2	6119645	6196897	6163002	6159848	0.63	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13347024	13338496	13349156	13344892	0.04	cps
Krypton	83-1	460	510	417	462	10.10	cps
Lead	206-1	18172080	18416059	18344910	18311017	0.69	cps
Lead	207-1	15922599	16176873	15902248	16000573	0.96	cps
Lead	208-1	72764144	73598498	72745945	73036196	0.67	cps
Lithium	6-1	1795518	1826541	1795248	1805769	1.00	cps
Magnesium	24-2	54657047	54812241	54195062	54554783	0.59	cps
Manganese	55-2	7574465	7536786	7583789	7565014	0.33	cps
Molybdenum	94-1	6095196	6136895	6332441	6188178	2.05	cps
Molybdenum	95-1	7410946	7531420	7657133	7533166	1.63	cps
Molybdenum	96-1	8302641	8394217	8558760	8418539	1.54	cps
Molybdenum	97-1	4777256	4865237	4989986	4877493	2.19	cps
Molybdenum	98-1	11921694	12195171	12425727	12180864	2.07	cps
Neodymium	150-1	533	360	427	440	19.87	cps
Neodymium	150-2	80	87	57	74	21.16	cps
Nickel	60-2	455573	461459	457441	458158	0.66	cps
Phosphorus	31-2	50603	49123	47451	49059	3.21	cps
Potassium	39-2	23340660	23361290	23055031	23252327	0.74	cps
Rhodium	103-1	4916537	4970155	5056855	4981182	1.42	cps
Rhodium	103-2	2844479	2829252	2833415	2835715	0.28	cps
Scandium	45-1	3018435	3032137	3102564	3051045	1.48	cps
Scandium	45-2	215500	214100	215744	215114	0.41	cps
Selenium	82-1	49766	50473	50431	50223	0.79	cps
Selenium	77-2	3590	3410	3210	3404	5.59	cps
Selenium	78-2	11708	11753	11946	11802	1.07	cps
Silicon	28-1	2031711	2170905	2253410	2152009	5.21	cps
Silver	107-1	3945649	4044059	4073895	4021201	1.67	cps
Silver	109-1	3845040	3892371	3911984	3883132	0.89	cps
Sodium	23-2	94007594	94798904	92775096	93860531	1.09	cps
Strontium	86-1	9391648	9447604	9527433	9455561	0.72	cps
Strontium	88-1	81729525	82743773	82752889	82408729	0.71	cps
Sulfur	34-1	556561	562581	582420	567187	2.39	cps
Terbium	159-1	9023689	9234742	9240332	9166254	1.35	cps
Terbium	159-2	5183055	5223409	5266289	5224251	0.80	cps
Thallium	203-1	4454645	4476873	4487361	4472960	0.37	cps
Thallium	205-1	10450276	10607259	10547312	10534949	0.75	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:36:58	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16740066	16661256	16657243	16686188	0.28	cps
Tin	118-1	2868871	2888133	2917437	2891480	0.85	cps
Titanium	47-1	1862188	1880260	1917469	1886639	1.49	cps
Uranium	238-1	15697239	15718418	15685698	15700452	0.11	cps
Vanadium	51-2	943254	934047	936067	937789	0.52	cps
Yttrium	89-1	8998248	9117024	9193105	9102792	1.08	cps
Yttrium	89-2	1809980	1820087	1817358	1815808	0.29	cps
Zinc	66-2	2142861	2147284	2129561	2139902	0.43	cps
Zirconium	90-1	5269368	5332936	5429221	5343841	1.51	cps
Zirconium	91-1	1171724	1184541	1224938	1193734	2.33	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	125	97	30.10	cps
Antimony	121-1	450	550	425	475	13.93	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	17	58	25	33	66.13	cps
Barium	137-1	42	42	58	47	20.37	cps
Beryllium	9-1	78	50	33	54	41.81	cps
Bismuth	209-1	6859408	6844876	6809934	6838073	0.37	cps
Bismuth	209-2	4320508	4426088	4315268	4353955	1.44	cps
Boron	10-1	958	1050	858	956	10.03	cps
Boron	11-1	4284	4693	3876	4284	9.53	cps
Bromine	81-1	5451	5384	4701	5179	8.02	cps
Bromine	81-2	100	30	20	50	87.18	cps
Cadmium	111-1	681	646	723	683	5.59	cps
Cadmium	106-1	3350	3059	3434	3281	6.00	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	133	117	183	144	24.02	cps
Calcium	44-1	4734	5193	5176	5034	5.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	593	743	607	648	12.82	cps
Cobalt	59-2	57	37	70	54	30.81	cps
Copper	63-2	983	777	860	873	11.91	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	90	103	130	108	18.90	cps
Holmium	165-1	9317117	9325924	9380525	9341189	0.37	cps
Holmium	165-2	5517236	5551642	5509006	5525961	0.41	cps
Indium	115-1	6468583	6328824	6386204	6394537	1.10	cps
Indium	115-2	1719349	1679974	1696034	1698453	1.17	cps
Iron	56-2	4851	4595	4818	4755	2.92	cps
Iron	57-2	206	172	139	172	19.36	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	671	751	571	664	13.60	cps
Krypton	83-1	510	580	540	543	6.46	cps
Lead	206-1	995	744	833	857	14.78	cps
Lead	207-1	622	739	761	707	10.55	cps
Lead	208-1	3295	3328	3289	3304	0.64	cps
Lithium	6-1	1929809	1904824	1892477	1909037	1.00	cps
Magnesium	24-2	517	600	508	542	9.36	cps
Manganese	55-2	90	90	87	89	2.16	cps
Molybdenum	94-1	317	317	317	317	0.00	cps
Molybdenum	95-1	92	142	117	117	21.43	cps
Molybdenum	96-1	242	225	208	225	7.41	cps
Molybdenum	97-1	92	92	125	103	18.72	cps
Molybdenum	98-1	300	208	200	236	23.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	83	100	98	13.78	cps
Phosphorus	31-2	1058	958	1092	1036	6.70	cps
Potassium	39-2	32369	26040	30089	29500	10.87	cps
Rhodium	103-1	5622441	5675856	5737069	5678455	1.01	cps
Rhodium	103-2	3293517	3234856	3233037	3253803	1.06	cps
Scandium	45-1	3256398	3303914	3365165	3308493	1.65	cps
Scandium	45-2	232998	229182	230801	230993	0.83	cps
Selenium	82-1	16	5	16	12	49.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	52	81	61	28.91	cps
Silicon	28-1	158104	170235	183436	170591	7.43	cps
Silver	107-1	158	108	142	136	18.70	cps
Silver	109-1	133	125	100	119	14.53	cps
Sodium	23-2	18629	15225	16226	16693	10.48	cps
Strontium	86-1	967	850	950	922	6.84	cps
Strontium	88-1	433	358	383	392	9.75	cps
Sulfur	34-1	323729	335859	349582	336390	3.85	cps
Terbium	159-1	9283212	9355659	9457285	9365385	0.93	cps
Terbium	159-2	5441981	5402810	5372796	5405863	0.64	cps
Thallium	203-1	692	450	558	567	21.36	cps
Thallium	205-1	1475	1417	1133	1342	13.62	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:46:22	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	500	456	428	461	7.90	cps
Tin	118-1	1067	1025	992	1028	3.66	cps
Titanium	47-1	42	42	8	31	62.99	cps
Uranium	238-1	75	67	108	83	26.46	cps
Vanadium	51-2	3	17	17	12	63.01	cps
Yttrium	89-1	9496812	9646969	9684089	9609290	1.03	cps
Yttrium	89-2	1988388	1920452	1947946	1952262	1.75	cps
Zinc	66-2	450	460	503	471	6.02	cps
Zirconium	90-1	658	792	683	711	9.97	cps
Zirconium	91-1	158	92	150	133	27.24	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2417	2500	2450	2456	1.71	cps
Antimony	121-1	15501	15818	14733	15350	3.63	cps
Arsenic	75-2	293	298	285	292	2.23	cps
Barium	135-1	18421	18438	18087	18315	1.08	cps
Barium	137-1	31845	31670	32004	31840	0.52	cps
Beryllium	9-1	1411	1595	1311	1439	9.99	cps
Bismuth	209-1	6869089	6812976	6820096	6834054	0.45	cps
Bismuth	209-2	4390874	4363055	4418931	4390953	0.64	cps
Boron	10-1	5118	5076	4626	4940	5.52	cps
Boron	11-1	21858	22325	21891	22025	1.18	cps
Bromine	81-1	5943	5418	5626	5662	4.67	cps
Bromine	81-2	50	10	60	40	66.14	cps
Cadmium	111-1	2874	2873	2769	2839	2.13	cps
Cadmium	106-1	3892	3726	4001	3873	3.58	cps
Cadmium	108-1	221	163	271	218	24.87	cps
Calcium	43-1	9345	9045	9286	9225	1.73	cps
Calcium	44-1	157538	152679	154776	154998	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5801	5991	6201	5998	3.34	cps
Cobalt	59-2	4431	4057	4264	4251	4.40	cps
Copper	63-2	6505	6658	6445	6536	1.68	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	103	113	117	111	6.25	cps
Holmium	165-1	9278787	9388660	9225672	9297706	0.89	cps
Holmium	165-2	5522107	5537821	5599748	5553225	0.74	cps
Indium	115-1	6430446	6410978	6432979	6424801	0.19	cps
Indium	115-2	1665726	1686618	1701174	1684506	1.06	cps
Iron	56-2	124292	123794	126595	124894	1.20	cps
Iron	57-2	3134	3034	3623	3263	9.66	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7339	8030	7930	7767	4.81	cps
Krypton	83-1	507	550	470	509	7.87	cps
Lead	206-1	8786	8809	8753	8783	0.32	cps
Lead	207-1	7252	7986	7386	7541	5.18	cps
Lead	208-1	34674	35564	34268	34835	1.90	cps
Lithium	6-1	1939737	1946104	1938310	1941384	0.21	cps
Magnesium	24-2	127974	126170	127916	127353	0.81	cps
Manganese	55-2	1987	2057	1973	2006	2.23	cps
Molybdenum	94-1	14032	13674	13607	13771	1.66	cps
Molybdenum	95-1	17144	17077	17453	17225	1.16	cps
Molybdenum	96-1	19531	19472	19372	19458	0.41	cps
Molybdenum	97-1	10996	10496	10529	10674	2.62	cps
Molybdenum	98-1	29381	28011	28713	28702	2.39	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1370	1247	1153	1257	8.65	cps
Phosphorus	31-2	1017	933	1117	1022	8.98	cps
Potassium	39-2	138246	140214	142477	140312	1.51	cps
Rhodium	103-1	5598840	5603353	5669956	5624050	0.71	cps
Rhodium	103-2	3190438	3247210	3272889	3236846	1.30	cps
Scandium	45-1	3230392	3240093	3281922	3250803	0.84	cps
Scandium	45-2	226819	232728	233402	230983	1.57	cps
Selenium	82-1	593	629	598	607	3.20	cps
Selenium	77-2	33	53	37	41	26.06	cps
Selenium	78-2	150	159	194	168	13.97	cps
Silicon	28-1	198305	197030	209835	201723	3.50	cps
Silver	107-1	9061	9178	9754	9331	3.97	cps
Silver	109-1	8911	8653	8369	8645	3.14	cps
Sodium	23-2	231290	228756	231909	230651	0.72	cps
Strontium	86-1	3442	3284	3242	3323	3.18	cps
Strontium	88-1	20732	21308	20932	20991	1.39	cps
Sulfur	34-1	318627	315853	332022	322168	2.68	cps
Terbium	159-1	9370188	9386473	9246679	9334447	0.82	cps
Terbium	159-2	5370930	5365053	5431762	5389248	0.69	cps
Thallium	203-1	10388	10421	10479	10429	0.44	cps
Thallium	205-1	24457	24715	25316	24829	1.78	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:49:31	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	283	333	278	298	10.26	cps
Tin	118-1	32196	31954	32187	32112	0.43	cps
Titanium	47-1	4151	3851	4526	4176	8.10	cps
Uranium	238-1	30470	31021	30562	30684	0.96	cps
Vanadium	51-2	10387	10907	10677	10657	2.45	cps
Yttrium	89-1	9461615	9507180	9572746	9513847	0.59	cps
Yttrium	89-2	1901463	1942231	1945174	1929623	1.27	cps
Zinc	66-2	1823	1873	1970	1889	3.95	cps
Zirconium	90-1	12281	11355	12164	11933	4.22	cps
Zirconium	91-1	2617	2242	2600	2486	8.52	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11546	11505	10787	11280	3.78	cps
Antimony	121-1	2259	2317	2217	2264	2.22	cps
Arsenic	75-2	398	374	361	378	4.98	cps
Barium	135-1	81513	81270	80365	81049	0.75	cps
Barium	137-1	143181	140798	144832	142937	1.42	cps
Beryllium	9-1	61	94	83	80	21.32	cps
Bismuth	209-1	6743531	6781098	6771613	6765414	0.29	cps
Bismuth	209-2	4318677	4310449	4338422	4322516	0.33	cps
Boron	10-1	12664	12664	13198	12842	2.40	cps
Boron	11-1	58881	60204	63416	60834	3.83	cps
Bromine	81-1	26258	29590	33156	29668	11.63	cps
Bromine	81-2	4956	4956	5367	5093	4.65	cps
Cadmium	111-1	814	780	832	809	3.27	cps
Cadmium	106-1	4026	3692	3851	3856	4.33	cps
Cadmium	108-1	29	0	13	14	105.36	cps
Calcium	43-1	419165	428809	425003	424326	1.14	cps
Calcium	44-1	6237488	6430082	6355900	6341157	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2654	2567	2814	2678	4.67	cps
Cobalt	59-2	1513	1643	1377	1511	8.82	cps
Copper	63-2	10584	10260	10774	10539	2.46	cps
Dysprosium	156-1	583	467	408	486	18.33	cps
Dysprosium	156-2	307	317	280	301	6.29	cps
Erbium	164-1	433	442	467	447	3.88	cps
Erbium	164-2	227	243	183	218	14.22	cps
Gadolinium	160-1	583	508	575	556	7.40	cps
Gadolinium	160-2	470	447	420	446	5.62	cps
Holmium	165-1	9423268	9452761	9439163	9438398	0.16	cps
Holmium	165-2	5546834	5492904	5572668	5537469	0.73	cps
Indium	115-1	6364154	6433973	6497270	6431799	1.04	cps
Indium	115-2	1653544	1650055	1654961	1652853	0.15	cps
Iron	56-2	1322048	1309866	1314129	1315348	0.47	cps
Iron	57-2	36167	36975	35042	36061	2.69	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	73708	73114	73678	73500	0.45	cps
Krypton	83-1	487	577	553	539	8.67	cps
Lead	206-1	5501	5190	5323	5338	2.93	cps
Lead	207-1	4673	4601	4529	4601	1.57	cps
Lead	208-1	21991	21263	21001	21418	2.39	cps
Lithium	6-1	1928714	1780831	1860644	1856730	3.99	cps
Magnesium	24-2	1871836	1864494	1853950	1863427	0.48	cps
Manganese	55-2	404525	402442	406775	404580	0.54	cps
Molybdenum	94-1	2650	3000	3100	2917	8.10	cps
Molybdenum	95-1	4176	4026	4192	4131	2.22	cps
Molybdenum	96-1	4351	4568	4509	4476	2.51	cps
Molybdenum	97-1	2825	2725	2642	2731	3.36	cps
Molybdenum	98-1	6443	7002	7052	6832	4.95	cps
Neodymium	150-1	267	520	500	429	32.84	cps
Neodymium	150-2	223	183	200	202	9.94	cps
Nickel	60-2	2007	1933	2020	1987	2.35	cps
Phosphorus	31-2	2692	2859	2859	2803	3.43	cps
Potassium	39-2	635297	632757	643861	637305	0.91	cps
Rhodium	103-1	5623230	5703816	5699179	5675408	0.80	cps
Rhodium	103-2	3148384	3149152	3124615	3140717	0.44	cps
Scandium	45-1	3311588	3406123	3351621	3356444	1.41	cps
Scandium	45-2	228016	223810	228098	226641	1.08	cps
Selenium	82-1	63	-1	13	25	134.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	67	63	62	9.16	cps
Silicon	28-1	13907848	14474512	14020897	14134419	2.12	cps
Silver	107-1	292	208	242	247	16.97	cps
Silver	109-1	192	267	208	222	17.72	cps
Sodium	23-2	12324014	12305411	12204028	12277818	0.53	cps
Strontium	86-1	261989	265764	266932	264895	0.98	cps
Strontium	88-1	2305686	2319315	2316001	2313667	0.31	cps
Sulfur	34-1	573176	600873	582596	585548	2.41	cps
Terbium	159-1	9337990	9372793	9363395	9358059	0.19	cps
Terbium	159-2	5424501	5365991	5392816	5394436	0.54	cps
Thallium	203-1	417	517	383	439	15.81	cps
Thallium	205-1	975	867	908	917	5.96	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-02	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:52:40	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	995	800	900	898	10.83	cps
Tin	118-1	1758	1567	1517	1614	7.90	cps
Titanium	47-1	3025	3100	2950	3025	2.48	cps
Uranium	238-1	3401	3417	3359	3392	0.89	cps
Vanadium	51-2	1887	2020	1993	1967	3.59	cps
Yttrium	89-1	9653017	9813054	9693609	9719893	0.86	cps
Yttrium	89-2	1923614	1890220	1900621	1904819	0.90	cps
Zinc	66-2	4134	3961	4277	4124	3.85	cps
Zirconium	90-1	1300	1292	1392	1328	4.18	cps
Zirconium	91-1	208	317	200	242	26.93	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14126	13467	13382	13658	2.98	cps
Antimony	121-1	2959	2642	2934	2845	6.19	cps
Arsenic	75-2	1343	1300	1309	1317	1.70	cps
Barium	135-1	134485	131120	131172	132259	1.46	cps
Barium	137-1	235405	231118	232422	232982	0.94	cps
Beryllium	9-1	50	50	100	67	43.30	cps
Bismuth	209-1	7445998	7412578	7386339	7414972	0.40	cps
Bismuth	209-2	4565339	4606900	4598198	4590146	0.48	cps
Boron	10-1	22893	23903	23185	23327	2.23	cps
Boron	11-1	107202	106910	112129	108747	2.70	cps
Bromine	81-1	22368	21976	22810	22384	1.87	cps
Bromine	81-2	2252	2303	2102	2219	4.70	cps
Cadmium	111-1	881	1021	916	939	7.78	cps
Cadmium	106-1	4059	4442	4134	4212	4.82	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	581787	581631	580808	581409	0.09	cps
Calcium	44-1	8788475	8635114	8637815	8687135	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4517	4367	4627	4504	2.90	cps
Cobalt	59-2	3364	3394	3260	3339	2.10	cps
Copper	63-2	21132	21699	21523	21451	1.35	cps
Dysprosium	156-1	642	500	517	553	14.01	cps
Dysprosium	156-2	340	340	273	318	12.11	cps
Erbium	164-1	650	775	433	619	27.91	cps
Erbium	164-2	283	390	350	341	15.80	cps
Gadolinium	160-1	608	725	650	661	8.94	cps
Gadolinium	160-2	490	487	497	491	1.04	cps
Holmium	165-1	10522967	10263633	10135073	10307224	1.92	cps
Holmium	165-2	5883392	5939142	5904801	5909112	0.48	cps
Indium	115-1	6860007	6797402	6729083	6795497	0.96	cps
Indium	115-2	1756882	1772271	1795068	1774740	1.08	cps
Iron	56-2	4695808	4714213	4757051	4722358	0.67	cps
Iron	57-2	120826	121089	120147	120687	0.40	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	255681	260663	265577	260640	1.90	cps
Krypton	83-1	447	590	507	514	13.99	cps
Lead	206-1	19286	19810	18891	19329	2.38	cps
Lead	207-1	15976	15798	15843	15873	0.58	cps
Lead	208-1	73746	73980	74365	74031	0.42	cps
Lithium	6-1	2095664	2061870	2048364	2068633	1.18	cps
Magnesium	24-2	2629686	2612150	2602522	2614786	0.53	cps
Manganese	55-2	1251533	1252723	1260083	1254779	0.37	cps
Molybdenum	94-1	3250	3609	3617	3492	6.00	cps
Molybdenum	95-1	5334	5151	4993	5159	3.32	cps
Molybdenum	96-1	5968	5693	5526	5729	3.89	cps
Molybdenum	97-1	3117	2942	3025	3028	2.89	cps
Molybdenum	98-1	8536	7811	8061	8136	4.53	cps
Neodymium	150-1	573	593	580	582	1.75	cps
Neodymium	150-2	260	303	260	274	9.12	cps
Nickel	60-2	3644	3567	3777	3663	2.90	cps
Phosphorus	31-2	2517	2542	2317	2459	5.02	cps
Potassium	39-2	684598	689311	689299	687736	0.40	cps
Rhodium	103-1	5968212	5910550	5846623	5908462	1.03	cps
Rhodium	103-2	3317906	3372523	3391549	3360659	1.14	cps
Scandium	45-1	3489309	3468780	3438890	3465660	0.73	cps
Scandium	45-2	239833	246122	246879	244278	1.58	cps
Selenium	82-1	104	-75	58	29	323.22	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	59	61	70	64	9.36	cps
Silicon	28-1	20018616	19688055	19542325	19749665	1.24	cps
Silver	107-1	283	267	333	294	11.78	cps
Silver	109-1	300	250	250	267	10.82	cps
Sodium	23-2	17548047	17530213	17118358	17398873	1.40	cps
Strontium	86-1	352659	349589	345377	349208	1.05	cps
Strontium	88-1	3101949	3040995	3025924	3056289	1.32	cps
Sulfur	34-1	711816	711102	703762	708893	0.63	cps
Terbium	159-1	10371738	10234610	10071119	10225823	1.47	cps
Terbium	159-2	5711912	5739492	5769165	5740190	0.50	cps
Thallium	203-1	325	283	350	319	10.54	cps
Thallium	205-1	767	658	850	758	12.67	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-04	Instrumnet Name :	P7
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:55:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	861	933	1128	974	14.18	cps
Tin	118-1	867	1000	950	939	7.17	cps
Titanium	47-1	2784	3059	2617	2820	7.92	cps
Uranium	238-1	4226	4042	4192	4154	2.35	cps
Vanadium	51-2	3167	3140	3327	3211	3.14	cps
Yttrium	89-1	10350531	10143267	10185082	10226293	1.07	cps
Yttrium	89-2	2024257	2045722	2076500	2048826	1.28	cps
Zinc	66-2	8056	8152	8129	8112	0.62	cps
Zirconium	90-1	1992	1350	1859	1734	19.55	cps
Zirconium	91-1	375	392	350	372	5.63	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10512	10254	10337	10368	1.27	cps
Antimony	121-1	2517	2317	2275	2370	5.45	cps
Arsenic	75-2	276	269	226	257	10.51	cps
Barium	135-1	112090	110334	109528	110651	1.18	cps
Barium	137-1	198212	193413	192321	194649	1.61	cps
Beryllium	9-1	39	72	17	43	65.64	cps
Bismuth	209-1	6694659	6645174	6742080	6693971	0.72	cps
Bismuth	209-2	4257359	4294274	4278141	4276591	0.43	cps
Boron	10-1	23110	24554	24671	24111	3.61	cps
Boron	11-1	113733	120006	121913	118551	3.61	cps
Bromine	81-1	24663	32629	35920	31071	18.63	cps
Bromine	81-2	4656	4475	5276	4802	8.75	cps
Cadmium	111-1	749	780	803	777	3.50	cps
Cadmium	106-1	3559	3809	3767	3712	3.61	cps
Cadmium	108-1	13	33	13	19	61.85	cps
Calcium	43-1	640028	609361	609435	619608	2.85	cps
Calcium	44-1	9474089	9171571	9104229	9249963	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2280	2334	2404	2339	2.64	cps
Cobalt	59-2	687	937	817	813	15.37	cps
Copper	63-2	8219	8249	8306	8258	0.53	cps
Dysprosium	156-1	275	175	250	233	22.30	cps
Dysprosium	156-2	163	107	163	144	22.65	cps
Erbium	164-1	433	317	300	350	20.76	cps
Erbium	164-2	123	190	193	169	23.38	cps
Gadolinium	160-1	292	333	325	317	6.96	cps
Gadolinium	160-2	243	300	283	276	10.57	cps
Holmium	165-1	9268649	9401529	9390180	9353453	0.79	cps
Holmium	165-2	5520270	5548228	5538458	5535652	0.26	cps
Indium	115-1	6376263	6291469	6275132	6314288	0.86	cps
Indium	115-2	1639069	1654821	1654915	1649602	0.55	cps
Iron	56-2	538936	550742	539424	543034	1.23	cps
Iron	57-2	16704	17744	17622	17357	3.28	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	29419	29359	29851	29543	0.91	cps
Krypton	83-1	540	480	480	500	6.93	cps
Lead	206-1	3667	3706	3501	3625	3.01	cps
Lead	207-1	2973	3239	3317	3176	5.69	cps
Lead	208-1	14442	14926	14614	14661	1.67	cps
Lithium	6-1	1793388	1921173	1915570	1876710	3.85	cps
Magnesium	24-2	2420076	2412649	2396065	2409597	0.51	cps
Manganese	55-2	180995	184146	180029	181723	1.18	cps
Molybdenum	94-1	2159	2525	2167	2284	9.17	cps
Molybdenum	95-1	3626	3134	2884	3214	11.74	cps
Molybdenum	96-1	3409	3567	3450	3476	2.36	cps
Molybdenum	97-1	1884	1867	2150	1967	8.08	cps
Molybdenum	98-1	5443	5134	4893	5157	5.35	cps
Neodymium	150-1	200	393	233	276	37.52	cps
Neodymium	150-2	107	140	130	126	13.62	cps
Nickel	60-2	1200	1283	1257	1247	3.41	cps
Phosphorus	31-2	1792	1517	1667	1658	8.30	cps
Potassium	39-2	604656	609291	601042	604996	0.68	cps
Rhodium	103-1	5560226	5393183	5395168	5449526	1.76	cps
Rhodium	103-2	3091430	3121655	3136136	3116407	0.73	cps
Scandium	45-1	3325560	3181366	3153649	3220192	2.87	cps
Scandium	45-2	223043	226667	224332	224681	0.82	cps
Selenium	82-1	25	62	36	41	45.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	52	89	71	26.13	cps
Silicon	28-1	17457425	16681088	16900674	17013062	2.35	cps
Silver	107-1	117	117	117	117	0.00	cps
Silver	109-1	83	58	58	67	21.66	cps
Sodium	23-2	21271648	21374871	21321552	21322690	0.24	cps
Strontium	86-1	355533	347942	351007	351494	1.09	cps
Strontium	88-1	3085466	3031916	3057719	3058367	0.88	cps
Sulfur	34-1	648864	617744	603220	623276	3.74	cps
Terbium	159-1	9279853	9339738	9352116	9323902	0.41	cps
Terbium	159-2	5350501	5362851	5359852	5357735	0.12	cps
Thallium	203-1	392	250	292	311	23.40	cps
Thallium	205-1	567	750	783	700	16.67	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-06	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 17:58:55	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	706	694	833	744	10.37	cps
Tin	118-1	1392	1008	1250	1217	15.93	cps
Titanium	47-1	2834	3426	5020	3760	30.08	cps
Uranium	238-1	3142	3359	3651	3384	7.54	cps
Vanadium	51-2	3330	3164	3164	3219	2.99	cps
Yttrium	89-1	9572795	9395755	9373226	9447259	1.16	cps
Yttrium	89-2	1884734	1902793	1892982	1893503	0.48	cps
Zinc	66-2	3737	3977	3724	3813	3.74	cps
Zirconium	90-1	1250	1133	1083	1156	7.40	cps
Zirconium	91-1	258	325	275	286	12.13	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10195	9887	9678	9920	2.62	cps
Antimony	121-1	842	858	933	878	5.56	cps
Arsenic	75-2	143	117	131	130	9.98	cps
Barium	135-1	57418	57268	56464	57050	0.90	cps
Barium	137-1	102635	99193	100032	100620	1.78	cps
Beryllium	9-1	67	56	44	56	20.00	cps
Bismuth	209-1	6750681	6814065	6814692	6793146	0.54	cps
Bismuth	209-2	4304345	4293861	4322995	4307067	0.34	cps
Boron	10-1	6151	5943	5835	5976	2.69	cps
Boron	11-1	28661	29187	29629	29159	1.66	cps
Bromine	81-1	23595	26934	28220	26250	9.09	cps
Bromine	81-2	3654	3284	3564	3501	5.52	cps
Cadmium	111-1	786	708	813	769	7.09	cps
Cadmium	106-1	3851	3509	3951	3770	6.14	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	301407	300490	304605	302167	0.72	cps
Calcium	44-1	4847231	4850980	4915323	4871178	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1667	1763	1850	1760	5.21	cps
Cobalt	59-2	467	560	413	480	15.47	cps
Copper	63-2	4317	4531	4637	4495	3.63	cps
Dysprosium	156-1	400	358	500	419	17.36	cps
Dysprosium	156-2	207	157	220	194	17.17	cps
Erbium	164-1	367	417	558	447	22.23	cps
Erbium	164-2	187	217	263	222	17.39	cps
Gadolinium	160-1	450	433	325	403	16.85	cps
Gadolinium	160-2	400	353	360	371	6.80	cps
Holmium	165-1	9315675	9346817	9357292	9339928	0.23	cps
Holmium	165-2	5496628	5466732	5507896	5490419	0.39	cps
Indium	115-1	6332684	6327120	6330712	6330172	0.04	cps
Indium	115-2	1641993	1643316	1639108	1641472	0.13	cps
Iron	56-2	427468	426624	428970	427687	0.28	cps
Iron	57-2	12633	12967	12572	12724	1.67	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	23342	23773	23453	23523	0.95	cps
Krypton	83-1	530	540	513	528	2.55	cps
Lead	206-1	2250	2300	2311	2287	1.42	cps
Lead	207-1	1878	1978	1939	1932	2.61	cps
Lead	208-1	9024	9057	8751	8944	1.87	cps
Lithium	6-1	1880349	1919163	1899974	1899829	1.02	cps
Magnesium	24-2	1525782	1510660	1507451	1514631	0.65	cps
Manganese	55-2	36338	36555	36482	36458	0.30	cps
Molybdenum	94-1	1383	1558	1542	1495	6.46	cps
Molybdenum	95-1	2259	2025	1909	2064	8.64	cps
Molybdenum	96-1	2417	2292	2400	2370	2.86	cps
Molybdenum	97-1	1283	1408	1533	1408	8.88	cps
Molybdenum	98-1	3584	3667	3651	3634	1.21	cps
Neodymium	150-1	493	400	433	442	10.69	cps
Neodymium	150-2	173	173	190	179	5.38	cps
Nickel	60-2	560	553	557	557	0.60	cps
Phosphorus	31-2	1167	1042	1100	1103	5.67	cps
Potassium	39-2	421837	418563	420153	420184	0.39	cps
Rhodium	103-1	5432574	5467871	5448258	5449568	0.32	cps
Rhodium	103-2	3140992	3141372	3119166	3133844	0.41	cps
Scandium	45-1	3168807	3191454	3214620	3191627	0.72	cps
Scandium	45-2	223306	223198	224181	223562	0.24	cps
Selenium	82-1	34	23	35	31	21.76	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	74	67	48	63	21.21	cps
Silicon	28-1	10478948	10330684	10495912	10435181	0.87	cps
Silver	107-1	200	150	75	142	44.41	cps
Silver	109-1	83	117	42	81	46.64	cps
Sodium	23-2	7605055	7459637	7522359	7529017	0.97	cps
Strontium	86-1	196026	197048	194125	195733	0.76	cps
Strontium	88-1	1711225	1698888	1718014	1709376	0.57	cps
Sulfur	34-1	411210	403067	402832	405703	1.18	cps
Terbium	159-1	9193498	9315327	9350189	9286338	0.89	cps
Terbium	159-2	5315660	5336514	5324931	5325702	0.20	cps
Thallium	203-1	325	308	208	281	22.49	cps
Thallium	205-1	592	625	692	636	8.00	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-08	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:02:04	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	789	1056	667	837	23.76	cps
Tin	118-1	1117	1258	950	1108	13.93	cps
Titanium	47-1	1992	2159	2259	2136	6.31	cps
Uranium	238-1	4067	4284	4117	4156	2.73	cps
Vanadium	51-2	1713	1693	1817	1741	3.80	cps
Yttrium	89-1	9439624	9425507	9311279	9392136	0.75	cps
Yttrium	89-2	1874357	1886712	1885269	1882112	0.36	cps
Zinc	66-2	1417	1507	1473	1466	3.10	cps
Zirconium	90-1	867	842	750	819	7.50	cps
Zirconium	91-1	200	233	167	200	16.67	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	650	692	717	11.45	cps
Antimony	121-1	2500	2592	2667	2586	3.23	cps
Arsenic	75-2	220	217	265	234	11.45	cps
Barium	135-1	114753	112031	112183	112989	1.35	cps
Barium	137-1	199301	199148	199623	199357	0.12	cps
Beryllium	9-1	11	28	44	28	60.01	cps
Bismuth	209-1	6726103	6709610	6791704	6742472	0.64	cps
Bismuth	209-2	4262907	4285443	4313774	4287375	0.59	cps
Boron	10-1	25505	27358	27793	26885	4.52	cps
Boron	11-1	123139	128919	133265	128441	3.95	cps
Bromine	81-1	34910	39739	45589	40079	13.34	cps
Bromine	81-2	6228	6558	6939	6575	5.41	cps
Cadmium	111-1	817	778	714	770	6.75	cps
Cadmium	106-1	3959	3734	3492	3728	6.26	cps
Cadmium	108-1	29	33	25	29	14.28	cps
Calcium	43-1	681619	693172	690436	688409	0.88	cps
Calcium	44-1	10165143	10395052	10335653	10298616	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1523	1353	1397	1425	6.20	cps
Cobalt	59-2	1350	1250	1347	1316	4.32	cps
Copper	63-2	5178	4874	4948	5000	3.17	cps
Dysprosium	156-1	50	42	67	53	24.12	cps
Dysprosium	156-2	30	23	37	30	22.23	cps
Erbium	164-1	167	108	167	147	22.87	cps
Erbium	164-2	63	83	47	64	28.48	cps
Gadolinium	160-1	108	92	108	103	9.36	cps
Gadolinium	160-2	160	163	163	162	1.19	cps
Holmium	165-1	9385344	9302096	9563032	9416824	1.42	cps
Holmium	165-2	5584856	5579942	5635936	5600245	0.55	cps
Indium	115-1	6308165	6410790	6390636	6369864	0.85	cps
Indium	115-2	1692494	1671820	1672399	1678904	0.70	cps
Iron	56-2	49913	50281	48134	49443	2.32	cps
Iron	57-2	5679	5718	5757	5718	0.68	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3284	3073	3114	3157	3.54	cps
Krypton	83-1	523	523	517	521	0.74	cps
Lead	206-1	650	783	717	717	9.30	cps
Lead	207-1	667	672	711	683	3.54	cps
Lead	208-1	2756	3211	3072	3013	7.75	cps
Lithium	6-1	1895365	1934713	1937939	1922672	1.23	cps
Magnesium	24-2	3637948	3637779	3627884	3634537	0.16	cps
Manganese	55-2	814002	801845	797821	804556	1.05	cps
Molybdenum	94-1	2559	2217	2384	2386	7.16	cps
Molybdenum	95-1	3842	4117	3742	3901	4.98	cps
Molybdenum	96-1	3884	4176	4117	4059	3.80	cps
Molybdenum	97-1	2075	2175	2384	2211	7.12	cps
Molybdenum	98-1	6026	5735	6060	5940	3.01	cps
Neodymium	150-1	13	33	20	22	45.83	cps
Neodymium	150-2	17	17	0	11	86.60	cps
Nickel	60-2	1430	1287	1233	1317	7.73	cps
Phosphorus	31-2	1183	1317	1342	1281	6.65	cps
Potassium	39-2	697234	697095	683263	692531	1.16	cps
Rhodium	103-1	5438027	5461836	5478529	5459464	0.37	cps
Rhodium	103-2	3191268	3171749	3181158	3181392	0.31	cps
Scandium	45-1	3198514	3232010	3225279	3218601	0.55	cps
Scandium	45-2	232800	231703	228864	231122	0.88	cps
Selenium	82-1	-20	14	2	-1	-1239.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	61	37	56	29.62	cps
Silicon	28-1	18724720	18900045	18998428	18874397	0.73	cps
Silver	107-1	108	108	75	97	19.80	cps
Silver	109-1	75	50	8	44	75.78	cps
Sodium	23-2	21868798	22089059	21862978	21940278	0.59	cps
Strontium	86-1	391337	393229	392379	392315	0.24	cps
Strontium	88-1	3413485	3442510	3428356	3428117	0.42	cps
Sulfur	34-1	813825	816123	819570	816506	0.35	cps
Terbium	159-1	9206967	9301751	9463933	9324217	1.39	cps
Terbium	159-2	5431728	5395105	5418913	5415248	0.34	cps
Thallium	203-1	267	217	267	250	11.55	cps
Thallium	205-1	458	508	517	494	6.38	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3774-10	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:05:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	167	128	194	163	20.55	cps
Tin	118-1	1383	1258	1333	1325	4.75	cps
Titanium	47-1	400	433	442	425	5.19	cps
Uranium	238-1	4984	4968	4868	4940	1.28	cps
Vanadium	51-2	1533	1467	1513	1505	2.27	cps
Yttrium	89-1	9435695	9649121	9553053	9545957	1.12	cps
Yttrium	89-2	1935060	1919446	1926141	1926883	0.41	cps
Zinc	66-2	2464	2370	2567	2467	3.99	cps
Zirconium	90-1	758	883	642	761	15.88	cps
Zirconium	91-1	125	167	125	139	17.32	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18111	17920	18345	18125	1.18	cps
Antimony	121-1	2734	2734	2834	2767	2.09	cps
Arsenic	75-2	878	924	896	899	2.59	cps
Barium	135-1	92817	90745	93319	92294	1.48	cps
Barium	137-1	163282	161252	161597	162044	0.67	cps
Beryllium	9-1	78	56	72	69	16.88	cps
Bismuth	209-1	6755592	6741550	6417940	6638361	2.88	cps
Bismuth	209-2	4221944	4289539	4327605	4279696	1.25	cps
Boron	10-1	9645	10245	10479	10123	4.25	cps
Boron	11-1	45961	48337	47818	47372	2.64	cps
Bromine	81-1	17144	17144	16043	16777	3.79	cps
Bromine	81-2	1532	1642	1422	1532	7.19	cps
Cadmium	111-1	827	909	748	828	9.69	cps
Cadmium	106-1	3592	4117	3325	3678	10.95	cps
Cadmium	108-1	29	21	42	31	34.33	cps
Calcium	43-1	284733	285359	281605	283899	0.71	cps
Calcium	44-1	4624642	4575692	4599748	4600027	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6028	6201	6378	6202	2.82	cps
Cobalt	59-2	5484	5851	5488	5608	3.76	cps
Copper	63-2	17240	17651	17347	17413	1.22	cps
Dysprosium	156-1	975	833	867	892	8.31	cps
Dysprosium	156-2	523	597	533	551	7.22	cps
Erbium	164-1	867	892	925	895	3.27	cps
Erbium	164-2	543	500	510	518	4.38	cps
Gadolinium	160-1	1058	917	1017	997	7.30	cps
Gadolinium	160-2	703	643	777	708	9.43	cps
Holmium	165-1	9356104	9291406	8803713	9150408	3.30	cps
Holmium	165-2	5487301	5489961	5562102	5513121	0.77	cps
Indium	115-1	6303031	6285931	5908060	6165674	3.62	cps
Indium	115-2	1632625	1665369	1684412	1660802	1.58	cps
Iron	56-2	5328672	5409485	5431887	5390015	1.01	cps
Iron	57-2	135445	137250	137067	136587	0.73	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	294578	298581	299872	297677	0.93	cps
Krypton	83-1	507	507	487	500	2.31	cps
Lead	206-1	14430	14647	14052	14376	2.09	cps
Lead	207-1	11411	11689	12083	11728	2.88	cps
Lead	208-1	55385	55457	55886	55576	0.49	cps
Lithium	6-1	1888968	1872231	1815404	1858868	2.07	cps
Magnesium	24-2	852420	858607	866665	859231	0.83	cps
Manganese	55-2	1002902	1018099	1016150	1012384	0.82	cps
Molybdenum	94-1	2775	2775	3242	2931	9.20	cps
Molybdenum	95-1	3776	4392	4167	4112	7.59	cps
Molybdenum	96-1	4568	4376	4743	4562	4.02	cps
Molybdenum	97-1	2850	2667	2942	2820	4.97	cps
Molybdenum	98-1	6702	6510	6793	6668	2.17	cps
Neodymium	150-1	1167	1087	1007	1087	7.36	cps
Neodymium	150-2	533	567	587	562	4.79	cps
Nickel	60-2	3334	3414	3274	3340	2.10	cps
Phosphorus	31-2	2584	2459	2584	2542	2.84	cps
Potassium	39-2	1347384	1351371	1355600	1351452	0.30	cps
Rhodium	103-1	5464315	5424772	5165039	5351376	3.04	cps
Rhodium	103-2	3129440	3164214	3203952	3165869	1.18	cps
Scandium	45-1	3147264	3123817	2982200	3084427	2.90	cps
Scandium	45-2	222602	227834	229128	226521	1.53	cps
Selenium	82-1	48	56	55	53	8.92	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	83	61	65	70	17.06	cps
Silicon	28-1	11233753	11113324	11261943	11203007	0.70	cps
Silver	107-1	467	417	408	431	7.33	cps
Silver	109-1	400	383	350	378	6.74	cps
Sodium	23-2	5826389	5881265	5848314	5851989	0.47	cps
Strontium	86-1	198099	194930	198771	197267	1.04	cps
Strontium	88-1	1722485	1738867	1727521	1729624	0.49	cps
Sulfur	34-1	406136	406994	404701	405944	0.29	cps
Terbium	159-1	9228636	9215585	8808046	9084089	2.63	cps
Terbium	159-2	5275537	5350095	5424694	5350109	1.39	cps
Thallium	203-1	225	175	208	203	12.55	cps
Thallium	205-1	733	517	475	575	24.12	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-07	Instrumnet Name :	P7
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:08:23	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1711	1650	1717	1693	2.19	cps
Tin	118-1	1934	2025	1800	1920	5.89	cps
Titanium	47-1	5743	5334	5485	5521	3.74	cps
Uranium	238-1	2650	2750	2775	2725	2.43	cps
Vanadium	51-2	4054	3954	3844	3951	2.66	cps
Yttrium	89-1	9269904	9318647	8849345	9145965	2.82	cps
Yttrium	89-2	1879492	1921405	1955197	1918698	1.98	cps
Zinc	66-2	15462	15602	16106	15723	2.15	cps
Zirconium	90-1	1358	1567	1508	1478	7.27	cps
Zirconium	91-1	358	317	350	342	6.45	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18587	19538	19188	19104	2.52	cps
Antimony	121-1	2459	2617	2417	2498	4.23	cps
Arsenic	75-2	302	281	383	322	16.73	cps
Barium	135-1	126958	130439	130330	129242	1.53	cps
Barium	137-1	224886	229278	226992	227052	0.97	cps
Beryllium	9-1	39	50	72	54	31.60	cps
Bismuth	209-1	6856725	6495472	6722899	6691699	2.73	cps
Bismuth	209-2	4319595	4308897	4229397	4285963	1.15	cps
Boron	10-1	28127	31216	30214	29852	5.28	cps
Boron	11-1	131677	143945	142053	139225	4.74	cps
Bromine	81-1	39020	48825	55708	47851	17.53	cps
Bromine	81-2	7760	7660	7440	7620	2.15	cps
Cadmium	111-1	833	834	860	842	1.83	cps
Cadmium	106-1	3926	3926	3759	3870	2.49	cps
Cadmium	108-1	33	25	42	33	25.01	cps
Calcium	43-1	719041	717077	725304	720474	0.60	cps
Calcium	44-1	10747125	10972776	10743174	10821025	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3497	3294	3584	3458	4.31	cps
Cobalt	59-2	1687	1770	1927	1795	6.79	cps
Copper	63-2	10651	10230	11238	10706	4.73	cps
Dysprosium	156-1	467	508	550	508	8.20	cps
Dysprosium	156-2	283	277	223	261	12.59	cps
Erbium	164-1	433	667	500	533	22.54	cps
Erbium	164-2	263	250	283	266	6.32	cps
Gadolinium	160-1	375	458	483	439	12.92	cps
Gadolinium	160-2	303	363	373	347	10.92	cps
Holmium	165-1	9605848	9152746	9407129	9388575	2.42	cps
Holmium	165-2	5663899	5586515	5564912	5605109	0.93	cps
Indium	115-1	6489701	6075366	6372886	6312651	3.38	cps
Indium	115-2	1692115	1687049	1743889	1707685	1.84	cps
Iron	56-2	1874639	1860512	1901977	1879043	1.12	cps
Iron	57-2	50459	50609	52371	51146	2.08	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	103132	103794	103638	103522	0.33	cps
Krypton	83-1	490	447	490	476	5.26	cps
Lead	206-1	7008	7196	7152	7119	1.39	cps
Lead	207-1	6046	6101	6052	6066	0.50	cps
Lead	208-1	27895	27928	28129	27984	0.45	cps
Lithium	6-1	1943034	1883952	1933051	1920012	1.65	cps
Magnesium	24-2	3371254	3371094	3338681	3360343	0.56	cps
Manganese	55-2	677887	670793	687273	678651	1.22	cps
Molybdenum	94-1	2692	2725	2742	2720	0.94	cps
Molybdenum	95-1	3492	3776	3709	3659	4.05	cps
Molybdenum	96-1	4259	4276	4009	4181	3.57	cps
Molybdenum	97-1	2292	2250	2384	2309	2.96	cps
Molybdenum	98-1	5960	5743	5951	5885	2.09	cps
Neodymium	150-1	433	420	353	402	10.66	cps
Neodymium	150-2	213	163	130	169	24.84	cps
Nickel	60-2	1677	1700	1747	1708	2.09	cps
Phosphorus	31-2	2075	2000	2117	2064	2.87	cps
Potassium	39-2	748512	740772	766351	751878	1.74	cps
Rhodium	103-1	5657028	5211953	5442071	5437018	4.09	cps
Rhodium	103-2	3204758	3172926	3289320	3222335	1.87	cps
Scandium	45-1	3328424	3063120	3220969	3204171	4.16	cps
Scandium	45-2	232224	232438	238234	234299	1.46	cps
Selenium	82-1	51	132	64	82	53.02	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	72	44	83	67	30.05	cps
Silicon	28-1	20535465	20370171	20465574	20457070	0.41	cps
Silver	107-1	250	158	142	183	31.82	cps
Silver	109-1	92	108	142	114	22.35	cps
Sodium	23-2	23158022	23015839	22640202	22938021	1.17	cps
Strontium	86-1	406152	404891	410999	407348	0.79	cps
Strontium	88-1	3538373	3543709	3543914	3541999	0.09	cps
Sulfur	34-1	834153	822090	833913	830052	0.83	cps
Terbium	159-1	9544874	9007183	9372954	9308337	2.95	cps
Terbium	159-2	5448728	5463670	5471032	5461143	0.21	cps
Thallium	203-1	267	242	208	239	12.25	cps
Thallium	205-1	600	608	633	614	2.83	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-08	Instrumnet Name :	P7
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:11:33	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1278	1456	1345	1359	6.61	cps
Tin	118-1	1442	1583	1758	1595	9.95	cps
Titanium	47-1	5284	5868	6076	5743	7.15	cps
Uranium	238-1	5802	6135	5910	5949	2.86	cps
Vanadium	51-2	3344	3384	3734	3487	6.15	cps
Yttrium	89-1	9783124	9063700	9509201	9452008	3.84	cps
Yttrium	89-2	1944312	1940283	2037692	1974096	2.79	cps
Zinc	66-2	7222	7162	7769	7384	4.53	cps
Zirconium	90-1	1667	1434	1408	1503	9.48	cps
Zirconium	91-1	400	325	258	328	21.62	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6810	7069	6143	6674	7.16	cps
Antimony	121-1	2034	1750	2025	1936	8.33	cps
Arsenic	75-2	270	204	283	252	16.92	cps
Barium	135-1	113341	113644	116613	114533	1.58	cps
Barium	137-1	200147	199191	207570	202303	2.27	cps
Beryllium	9-1	28	33	67	43	49.39	cps
Bismuth	209-1	6757754	6771308	6733505	6754189	0.28	cps
Bismuth	209-2	4362328	4339271	4402355	4367985	0.73	cps
Boron	10-1	24262	23377	24128	23922	1.99	cps
Boron	11-1	111215	120544	114973	115577	4.06	cps
Bromine	81-1	38845	43215	40684	40915	5.36	cps
Bromine	81-2	6739	6037	6478	6418	5.52	cps
Cadmium	111-1	859	774	718	784	9.05	cps
Cadmium	106-1	4159	3851	3526	3845	8.24	cps
Cadmium	108-1	21	42	29	31	34.33	cps
Calcium	43-1	669672	662355	691118	674382	2.22	cps
Calcium	44-1	9934171	9901512	10274417	10036700	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1743	1610	1590	1648	5.06	cps
Cobalt	59-2	773	623	783	727	12.33	cps
Copper	63-2	6221	6191	6271	6228	0.65	cps
Dysprosium	156-1	250	217	242	236	7.35	cps
Dysprosium	156-2	113	137	120	123	9.74	cps
Erbium	164-1	233	258	242	244	5.21	cps
Erbium	164-2	137	113	183	144	24.67	cps
Gadolinium	160-1	208	175	300	228	28.42	cps
Gadolinium	160-2	177	280	267	241	23.31	cps
Holmium	165-1	9532118	9456277	9547364	9511920	0.51	cps
Holmium	165-2	5687806	5626003	5747061	5686957	1.06	cps
Indium	115-1	6458006	6448149	6578542	6494899	1.12	cps
Indium	115-2	1687142	1719051	1711043	1705745	0.97	cps
Iron	56-2	491794	480376	481526	484565	1.30	cps
Iron	57-2	16432	16576	16215	16408	1.11	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	27584	26551	26681	26939	2.09	cps
Krypton	83-1	563	527	500	530	6.00	cps
Lead	206-1	2589	2228	2167	2328	9.80	cps
Lead	207-1	2034	2100	2095	2076	1.78	cps
Lead	208-1	9590	9568	8946	9368	3.91	cps
Lithium	6-1	1935166	1941760	1710345	1862424	7.07	cps
Magnesium	24-2	2565571	2579283	2617860	2587571	1.05	cps
Manganese	55-2	222170	226829	227613	225537	1.30	cps
Molybdenum	94-1	2009	1775	1959	1914	6.42	cps
Molybdenum	95-1	3025	2750	3017	2931	5.34	cps
Molybdenum	96-1	3175	3009	3292	3159	4.51	cps
Molybdenum	97-1	1892	1650	1925	1822	8.24	cps
Molybdenum	98-1	4684	4626	4668	4659	0.65	cps
Neodymium	150-1	407	207	140	251	55.28	cps
Neodymium	150-2	80	27	90	66	51.93	cps
Nickel	60-2	1027	1003	947	992	4.15	cps
Phosphorus	31-2	1475	1959	1742	1725	14.04	cps
Potassium	39-2	635743	639140	639507	638130	0.33	cps
Rhodium	103-1	5558786	5542047	5767519	5622784	2.23	cps
Rhodium	103-2	3188907	3252862	3238208	3226659	1.04	cps
Scandium	45-1	3296857	3271955	3465268	3344694	3.14	cps
Scandium	45-2	232590	238400	235415	235468	1.23	cps
Selenium	82-1	-44	23	132	37	239.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	56	78	72	69	16.88	cps
Silicon	28-1	19266148	19215926	20095071	19525715	2.53	cps
Silver	107-1	83	75	83	81	5.98	cps
Silver	109-1	17	58	75	50	60.09	cps
Sodium	23-2	20609768	20612738	20710874	20644460	0.28	cps
Strontium	86-1	366678	364307	378417	369801	2.04	cps
Strontium	88-1	3215747	3215830	3299053	3243543	1.48	cps
Sulfur	34-1	711373	704142	751807	722441	3.56	cps
Terbium	159-1	9385197	9442221	9478831	9435416	0.50	cps
Terbium	159-2	5485610	5504514	5536869	5508998	0.47	cps
Thallium	203-1	158	175	183	172	7.39	cps
Thallium	205-1	467	483	450	467	3.57	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-09	Instrumnet Name :	P7
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:14:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	383	528	561	491	19.26	cps
Tin	118-1	908	700	850	819	13.12	cps
Titanium	47-1	1950	2075	4125	2717	44.95	cps
Uranium	238-1	3842	3584	3326	3584	7.21	cps
Vanadium	51-2	3044	3280	3234	3186	3.94	cps
Yttrium	89-1	9688751	9650148	10070789	9803229	2.37	cps
Yttrium	89-2	1940613	2004971	1975664	1973749	1.63	cps
Zinc	66-2	3277	3240	3294	3270	0.83	cps
Zirconium	90-1	1033	1092	1075	1067	2.82	cps
Zirconium	91-1	317	267	308	297	9.01	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7461	8261	7277	7666	6.83	cps
Antimony	121-1	775	850	733	786	7.52	cps
Arsenic	75-2	139	159	139	146	8.07	cps
Barium	135-1	68351	68854	69298	68834	0.69	cps
Barium	137-1	122385	122789	120022	121732	1.23	cps
Beryllium	9-1	56	39	67	54	26.03	cps
Bismuth	209-1	6770809	6838221	6765851	6791627	0.60	cps
Bismuth	209-2	4307947	4358666	4294959	4320524	0.78	cps
Boron	10-1	6343	7619	7269	7077	9.31	cps
Boron	11-1	33362	34122	33822	33769	1.13	cps
Bromine	81-1	27435	28788	29673	28632	3.94	cps
Bromine	81-2	3304	3063	3514	3294	6.84	cps
Cadmium	111-1	807	841	811	820	2.32	cps
Cadmium	106-1	3842	4009	4051	3967	2.78	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	370262	373584	376371	373406	0.82	cps
Calcium	44-1	5554167	5647018	5628362	5609849	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1570	1644	1557	1590	2.94	cps
Cobalt	59-2	450	470	513	478	6.78	cps
Copper	63-2	4487	4317	4311	4372	2.29	cps
Dysprosium	156-1	300	292	333	308	7.15	cps
Dysprosium	156-2	197	137	147	160	20.09	cps
Erbium	164-1	392	417	467	425	8.99	cps
Erbium	164-2	197	173	180	183	6.55	cps
Gadolinium	160-1	325	433	342	367	15.91	cps
Gadolinium	160-2	283	347	313	314	10.07	cps
Holmium	165-1	9467004	9366390	9359971	9397788	0.64	cps
Holmium	165-2	5571092	5622693	5676230	5623338	0.93	cps
Indium	115-1	6389552	6387322	6447279	6408051	0.53	cps
Indium	115-2	1683512	1708395	1687053	1692987	0.80	cps
Iron	56-2	374521	367635	375005	372387	1.11	cps
Iron	57-2	11288	11994	12011	11764	3.51	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	20535	21378	20386	20766	2.58	cps
Krypton	83-1	467	543	477	496	8.41	cps
Lead	206-1	1783	1833	1822	1813	1.45	cps
Lead	207-1	1728	1433	1456	1539	10.66	cps
Lead	208-1	7090	7040	7156	7095	0.83	cps
Lithium	6-1	1933164	1925121	1922449	1926912	0.29	cps
Magnesium	24-2	1892480	1891070	1875123	1886224	0.51	cps
Manganese	55-2	33237	33722	34517	33825	1.91	cps
Molybdenum	94-1	2594	1708	1458	1920	31.07	cps
Molybdenum	95-1	2517	2250	2434	2400	5.68	cps
Molybdenum	96-1	2559	2917	2559	2678	7.73	cps
Molybdenum	97-1	1525	1467	1625	1539	5.20	cps
Molybdenum	98-1	4076	4209	4276	4187	2.43	cps
Neodymium	150-1	333	280	327	313	9.27	cps
Neodymium	150-2	147	160	147	151	5.09	cps
Nickel	60-2	500	567	607	558	9.66	cps
Phosphorus	31-2	1083	1100	1033	1072	3.24	cps
Potassium	39-2	485139	489304	490831	488425	0.60	cps
Rhodium	103-1	5524545	5522657	5604609	5550604	0.84	cps
Rhodium	103-2	3196515	3246104	3202570	3215063	0.84	cps
Scandium	45-1	3214189	3221367	3252103	3229220	0.62	cps
Scandium	45-2	232304	234316	233411	233344	0.43	cps
Selenium	82-1	109	-4	67	57	99.49	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	61	70	72	68	8.77	cps
Silicon	28-1	11336875	11419477	11281716	11346023	0.61	cps
Silver	107-1	158	125	158	147	13.07	cps
Silver	109-1	8	50	67	42	72.12	cps
Sodium	23-2	9185513	9297189	9216766	9233156	0.62	cps
Strontium	86-1	239879	246650	248964	245164	1.93	cps
Strontium	88-1	2099091	2128700	2158036	2128609	1.38	cps
Sulfur	34-1	431229	432731	431077	431679	0.21	cps
Terbium	159-1	9342952	9473462	9420799	9412404	0.70	cps
Terbium	159-2	5410819	5505301	5511425	5475848	1.03	cps
Thallium	203-1	183	167	142	164	12.80	cps
Thallium	205-1	442	392	617	483	24.44	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:17:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	606	600	578	594	2.47	cps
Tin	118-1	825	900	917	881	5.55	cps
Titanium	47-1	1692	2250	1909	1950	14.44	cps
Uranium	238-1	5585	5293	5235	5371	3.49	cps
Vanadium	51-2	1640	1860	1743	1748	6.30	cps
Yttrium	89-1	9394109	9453073	9676345	9507842	1.57	cps
Yttrium	89-2	1941641	1967276	1939586	1949501	0.79	cps
Zinc	66-2	1600	1643	1593	1612	1.68	cps
Zirconium	90-1	900	958	975	945	4.17	cps
Zirconium	91-1	200	142	292	211	35.83	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5156527	5046080	5145189	5115932	1.19	cps
Antimony	121-1	3491953	3446563	3447576	3462031	0.75	cps
Arsenic	75-2	123124	122689	125322	123712	1.14	cps
Barium	135-1	4204265	4132482	4124245	4153664	1.06	cps
Barium	137-1	7206594	7100561	7083248	7130134	0.94	cps
Beryllium	9-1	626097	622551	623835	624161	0.29	cps
Bismuth	209-1	6235818	6245215	6193749	6224927	0.44	cps
Bismuth	209-2	3901882	3914821	3930951	3915885	0.37	cps
Boron	10-1	76484	79467	81368	79106	3.11	cps
Boron	11-1	354631	371972	376317	367640	3.12	cps
Bromine	81-1	5743	5443	5685	5623	2.83	cps
Bromine	81-2	140	90	80	103	31.11	cps
Cadmium	111-1	834721	833722	833016	833819	0.10	cps
Cadmium	106-1	100177	101226	99020	100141	1.10	cps
Cadmium	108-1	66471	66881	65835	66396	0.79	cps
Calcium	43-1	4244543	4177723	4227296	4216521	0.82	cps
Calcium	44-1	63640874	63195304	63106108	63314095	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157479	1142369	1153541	1151130	0.68	cps
Cobalt	59-2	1809298	1800814	1806407	1805506	0.24	cps
Copper	63-2	12870795	12885396	12871317	12875836	0.06	cps
Dysprosium	156-1	850	825	825	833	1.73	cps
Dysprosium	156-2	607	477	487	523	13.82	cps
Erbium	164-1	142	200	283	208	34.18	cps
Erbium	164-2	107	110	90	102	10.48	cps
Gadolinium	160-1	842	975	700	839	16.39	cps
Gadolinium	160-2	640	583	710	644	9.85	cps
Holmium	165-1	9210391	9174808	9086201	9157133	0.70	cps
Holmium	165-2	5417782	5383003	5392985	5397923	0.33	cps
Indium	115-1	5954593	5906639	5864752	5908661	0.76	cps
Indium	115-2	1543210	1531666	1536803	1537226	0.38	cps
Iron	56-2	251374800	250368594	252240372	251327922	0.37	cps
Iron	57-2	6309081	6317206	6275621	6300636	0.35	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13655061	13558529	13709182	13640924	0.56	cps
Krypton	83-1	480	543	527	517	6.35	cps
Lead	206-1	17888644	17735121	17877819	17833861	0.48	cps
Lead	207-1	15814989	15762540	15849375	15808968	0.28	cps
Lead	208-1	72029947	72060000	72154008	72081318	0.09	cps
Lithium	6-1	1874818	1888601	1866922	1876780	0.58	cps
Magnesium	24-2	56419518	55178178	55679816	55759171	1.12	cps
Manganese	55-2	7809694	7823788	7914229	7849237	0.72	cps
Molybdenum	94-1	6223687	6234412	6232892	6230330	0.09	cps
Molybdenum	95-1	7703215	7657052	7626298	7662188	0.51	cps
Molybdenum	96-1	8539943	8531201	8438957	8503367	0.66	cps
Molybdenum	97-1	4915094	4908425	4855130	4892883	0.67	cps
Molybdenum	98-1	12271208	12371297	12297395	12313300	0.42	cps
Neodymium	150-1	433	420	360	404	9.66	cps
Neodymium	150-2	120	87	123	110	18.43	cps
Nickel	60-2	459594	457813	454160	457189	0.61	cps
Phosphorus	31-2	50193	48546	50519	49753	2.13	cps
Potassium	39-2	25237407	24877060	25253704	25122724	0.85	cps
Rhodium	103-1	4994070	4993600	4971653	4986441	0.26	cps
Rhodium	103-2	2848215	2823482	2846043	2839247	0.48	cps
Scandium	45-1	3091832	3076814	3064438	3077695	0.45	cps
Scandium	45-2	218791	217149	219687	218542	0.59	cps
Selenium	82-1	50704	50576	50870	50716	0.29	cps
Selenium	77-2	3497	3394	3404	3432	1.66	cps
Selenium	78-2	11666	11651	11784	11700	0.63	cps
Silicon	28-1	2117542	2214600	2271852	2201331	3.54	cps
Silver	107-1	4028383	3999893	3978986	4002421	0.62	cps
Silver	109-1	3882560	3850634	3863329	3865508	0.42	cps
Sodium	23-2	95683348	94574329	95523679	95260452	0.63	cps
Strontium	86-1	9570717	9430439	9480431	9493862	0.75	cps
Strontium	88-1	83124010	82304269	82774060	82734113	0.50	cps
Sulfur	34-1	589417	580992	583084	584498	0.75	cps
Terbium	159-1	9145750	9078261	9025840	9083284	0.66	cps
Terbium	159-2	5231711	5177605	5232284	5213867	0.60	cps
Thallium	203-1	4409087	4393038	4352293	4384806	0.67	cps
Thallium	205-1	10453675	10430737	10418290	10434234	0.17	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:28:39	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16684227	16474800	16434864	16531297	0.81	cps
Tin	118-1	2918936	2879360	2851961	2883419	1.17	cps
Titanium	47-1	1904643	1906922	1909045	1906870	0.12	cps
Uranium	238-1	15638299	15399824	15216706	15418276	1.37	cps
Vanadium	51-2	953103	945473	950724	949767	0.41	cps
Yttrium	89-1	9252770	9040209	9110470	9134483	1.19	cps
Yttrium	89-2	1852217	1834564	1851227	1846003	0.54	cps
Zinc	66-2	2166315	2152612	2174181	2164369	0.50	cps
Zirconium	90-1	5376266	5299844	5327980	5334697	0.72	cps
Zirconium	91-1	1190362	1185554	1193387	1189768	0.33	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 18:33:59 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	117	150	144	17.62	cps
Antimony	121-1	867	817	808	831	3.80	cps
Arsenic	75-2	4	7	13	8	58.09	cps
Barium	135-1	58	42	50	50	16.67	cps
Barium	137-1	75	117	100	97	21.57	cps
Beryllium	9-1	67	78	100	81	20.83	cps
Bismuth	209-1	6875101	6959722	6963765	6932863	0.72	cps
Bismuth	209-2	4349967	4385504	4434843	4390104	0.97	cps
Boron	10-1	2184	2484	2350	2339	6.43	cps
Boron	11-1	11021	11129	10787	10979	1.59	cps
Bromine	81-1	6026	6527	5610	6054	7.58	cps
Bromine	81-2	80	80	30	63	45.58	cps
Cadmium	111-1	768	836	760	788	5.35	cps
Cadmium	106-1	3651	3901	3584	3712	4.50	cps
Cadmium	108-1	42	21	46	36	37.10	cps
Calcium	43-1	183	183	233	200	14.43	cps
Calcium	44-1	5276	5034	5860	5390	7.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623	567	727	639	12.70	cps
Cobalt	59-2	83	67	43	64	31.18	cps
Copper	63-2	1093	1070	1030	1064	3.01	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	43	53	40	46	15.23	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	110	93	100	101	8.30	cps
Holmium	165-1	9548517	9486857	9551814	9529062	0.38	cps
Holmium	165-2	5583689	5590028	5621174	5598297	0.36	cps
Indium	115-1	6504660	6380203	6512880	6465914	1.15	cps
Indium	115-2	1744208	1716226	1700644	1720359	1.28	cps
Iron	56-2	8069	7374	8297	7913	6.08	cps
Iron	57-2	294	250	306	283	10.37	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:33:59	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1021	861	1081	988	11.53	cps
Krypton	83-1	543	513	527	528	2.85	cps
Lead	206-1	1372	1250	1239	1287	5.75	cps
Lead	207-1	1045	1122	1256	1141	9.36	cps
Lead	208-1	5012	5278	5428	5239	4.03	cps
Lithium	6-1	1987545	2021277	2031547	2013456	1.14	cps
Magnesium	24-2	1250	1017	1150	1139	10.28	cps
Manganese	55-2	263	177	167	202	26.29	cps
Molybdenum	94-1	392	325	458	392	17.02	cps
Molybdenum	95-1	325	275	258	286	12.13	cps
Molybdenum	96-1	450	392	433	425	7.07	cps
Molybdenum	97-1	158	200	192	183	12.03	cps
Molybdenum	98-1	592	425	442	486	18.88	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	117	93	106	11.09	cps
Phosphorus	31-2	883	967	1017	956	7.05	cps
Potassium	39-2	35560	29522	28929	31337	11.71	cps
Rhodium	103-1	5705420	5652737	5735247	5697801	0.73	cps
Rhodium	103-2	3303869	3271893	3238821	3271527	0.99	cps
Scandium	45-1	3323582	3258149	3321582	3301104	1.13	cps
Scandium	45-2	240042	235854	231654	235850	1.78	cps
Selenium	82-1	-43	48	5	3	1313.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	76	76	54	69	18.73	cps
Silicon	28-1	173394	161535	169401	168110	3.59	cps
Silver	107-1	192	192	275	219	21.93	cps
Silver	109-1	142	208	283	211	33.57	cps
Sodium	23-2	33288	27467	25789	28848	13.64	cps
Strontium	86-1	1083	825	942	950	13.62	cps
Strontium	88-1	1267	1308	1208	1261	3.98	cps
Sulfur	34-1	328547	305853	321875	318758	3.66	cps
Terbium	159-1	9481293	9428927	9593848	9501356	0.89	cps
Terbium	159-2	5424917	5455815	5473147	5451293	0.45	cps
Thallium	203-1	1033	983	908	975	6.45	cps
Thallium	205-1	2592	2492	2467	2517	2.63	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:33:59	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	750	683	672	702	5.99	cps
Tin	118-1	1083	1358	1242	1228	11.24	cps
Titanium	47-1	83	67	25	58	51.51	cps
Uranium	238-1	217	242	233	231	5.52	cps
Vanadium	51-2	23	27	0	17	87.18	cps
Yttrium	89-1	9734478	9641329	9865856	9747221	1.16	cps
Yttrium	89-2	2022758	1980144	1958027	1986976	1.66	cps
Zinc	66-2	567	557	590	571	3.00	cps
Zirconium	90-1	675	717	742	711	4.74	cps
Zirconium	91-1	108	167	133	136	21.50	cps

LB Number : LB116396 Operator : JASWAL
 Lab Sample ID : PB139187BL Instrumnet Name : P7
 Client Sample ID : PB139187BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-20 18:43:17 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	167	75	119	38.43	cps
Antimony	121-1	658	575	592	608	7.25	cps
Arsenic	75-2	4	9	11	8	48.07	cps
Barium	135-1	75	100	83	86	14.78	cps
Barium	137-1	158	75	58	97	55.11	cps
Beryllium	9-1	94	83	83	87	7.38	cps
Bismuth	209-1	6807868	6749386	6890152	6815802	1.04	cps
Bismuth	209-2	4290564	4301291	4327884	4306580	0.45	cps
Boron	10-1	2417	2234	1975	2209	10.05	cps
Boron	11-1	10712	9728	9478	9973	6.54	cps
Bromine	81-1	5835	5209	5576	5540	5.67	cps
Bromine	81-2	80	50	60	63	24.12	cps
Cadmium	111-1	715	723	654	698	5.41	cps
Cadmium	106-1	3442	3434	3159	3345	4.82	cps
Cadmium	108-1	33	25	33	31	15.74	cps
Calcium	43-1	142	192	133	156	20.28	cps
Calcium	44-1	4159	4509	4459	4376	4.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	577	680	727	661	11.61	cps
Cobalt	59-2	50	47	47	48	4.02	cps
Copper	63-2	927	797	923	882	8.40	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	25	100	58	65.47	cps
Erbium	164-2	27	43	37	36	23.58	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	123	73	83	93	28.35	cps
Holmium	165-1	9312672	9330124	9453320	9365372	0.82	cps
Holmium	165-2	5478733	5508668	5504592	5497331	0.30	cps
Indium	115-1	6301509	6343969	6434082	6359853	1.06	cps
Indium	115-2	1672002	1653193	1673953	1666383	0.69	cps
Iron	56-2	3828	3984	4078	3964	3.19	cps
Iron	57-2	167	133	94	131	27.49	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BL	Instrumnet Name :	P7
Client Sample ID :	PB139187BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:43:17	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	831	661	701	731	12.18	cps
Krypton	83-1	463	490	480	478	2.82	cps
Lead	206-1	1328	1283	1145	1252	7.64	cps
Lead	207-1	1039	1000	1095	1045	4.54	cps
Lead	208-1	5100	4984	4778	4954	3.29	cps
Lithium	6-1	1958637	1944504	1967580	1956907	0.59	cps
Magnesium	24-2	558	425	458	481	14.44	cps
Manganese	55-2	167	100	160	142	25.82	cps
Molybdenum	94-1	350	525	350	408	24.75	cps
Molybdenum	95-1	250	242	208	233	9.45	cps
Molybdenum	96-1	250	358	308	306	17.75	cps
Molybdenum	97-1	150	100	183	144	29.04	cps
Molybdenum	98-1	325	342	392	353	9.83	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	90	120	93	101	16.26	cps
Phosphorus	31-2	867	933	1008	936	7.57	cps
Potassium	39-2	28386	27910	28336	28211	0.93	cps
Rhodium	103-1	5471251	5556432	5606041	5544575	1.23	cps
Rhodium	103-2	3191878	3193724	3206024	3197209	0.24	cps
Scandium	45-1	3158058	3205513	3241275	3201616	1.30	cps
Scandium	45-2	230975	227056	229141	229057	0.86	cps
Selenium	82-1	27	3	55	28	92.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	54	61	50	26.70	cps
Silicon	28-1	157632	167816	165675	163707	3.28	cps
Silver	107-1	208	208	208	208	0.00	cps
Silver	109-1	100	83	100	94	10.18	cps
Sodium	23-2	17661	17093	17277	17344	1.67	cps
Strontium	86-1	875	842	792	836	5.02	cps
Strontium	88-1	800	808	800	803	0.60	cps
Sulfur	34-1	294097	312127	298478	301567	3.12	cps
Terbium	159-1	9191289	9203712	9331855	9242286	0.84	cps
Terbium	159-2	5297957	5331206	5307984	5312382	0.32	cps
Thallium	203-1	550	592	583	575	3.84	cps
Thallium	205-1	1267	1258	1325	1283	2.83	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BL	Instrumnet Name :	P7
Client Sample ID :	PB139187BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:43:17	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	911	883	728	841	11.75	cps
Tin	118-1	1075	1100	925	1033	9.16	cps
Titanium	47-1	42	33	42	39	12.38	cps
Uranium	238-1	133	142	183	153	17.53	cps
Vanadium	51-2	17	10	17	14	26.66	cps
Yttrium	89-1	9248434	9515200	9410720	9391452	1.43	cps
Yttrium	89-2	1916440	1906143	1923744	1915442	0.46	cps
Zinc	66-2	823	810	777	803	2.99	cps
Zirconium	90-1	592	583	558	578	3.00	cps
Zirconium	91-1	133	117	150	133	12.50	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1087435	1081632	1082115	1083727	0.30	cps
Antimony	121-1	3726473	3603151	3589406	3639677	2.07	cps
Arsenic	75-2	128776	130843	130321	129980	0.83	cps
Barium	135-1	4386796	4234124	4214877	4278599	2.20	cps
Barium	137-1	7560139	7290618	7330222	7393659	1.97	cps
Beryllium	9-1	658208	648559	640843	649203	1.34	cps
Bismuth	209-1	6767453	6610974	6622169	6666865	1.31	cps
Bismuth	209-2	4127447	4139839	4144695	4137327	0.21	cps
Boron	10-1	76912	81971	79106	79330	3.20	cps
Boron	11-1	353733	372908	369781	365474	2.81	cps
Bromine	81-1	5184	5184	5034	5134	1.69	cps
Bromine	81-2	60	50	10	40	66.14	cps
Cadmium	111-1	901103	884881	871522	885835	1.67	cps
Cadmium	106-1	106246	105549	103979	105258	1.10	cps
Cadmium	108-1	71336	71131	69602	70690	1.34	cps
Calcium	43-1	917443	891474	883021	897313	2.00	cps
Calcium	44-1	13678382	13426456	13028686	13377841	2.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1180982	1193685	1187135	1187267	0.54	cps
Cobalt	59-2	1874350	1903235	1895705	1891096	0.79	cps
Copper	63-2	13236612	13298519	13294721	13276618	0.26	cps
Dysprosium	156-1	208	183	200	197	6.45	cps
Dysprosium	156-2	163	120	170	151	17.97	cps
Erbium	164-1	133	117	133	128	7.53	cps
Erbium	164-2	57	80	60	66	19.25	cps
Gadolinium	160-1	283	175	167	208	31.24	cps
Gadolinium	160-2	180	197	227	201	11.76	cps
Holmium	165-1	9650567	9393193	9257891	9433884	2.11	cps
Holmium	165-2	5427194	5455756	5428844	5437265	0.29	cps
Indium	115-1	6262154	6152656	6093008	6169273	1.39	cps
Indium	115-2	1570312	1588778	1593388	1584159	0.77	cps
Iron	56-2	52229819	53022960	52026187	52426322	1.00	cps
Iron	57-2	1344968	1354946	1350392	1350102	0.37	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3012327	3006217	3018850	3012465	0.21	cps
Krypton	83-1	460	417	603	493	19.80	cps
Lead	206-1	19078156	18982489	18670293	18910313	1.13	cps
Lead	207-1	16831338	16632651	16550671	16671553	0.87	cps
Lead	208-1	76419490	75964293	75041517	75808433	0.93	cps
Lithium	6-1	1947294	1923937	1892488	1921240	1.43	cps
Magnesium	24-2	11740547	11728564	11743264	11737458	0.07	cps
Manganese	55-2	7995872	8078931	8103587	8059463	0.70	cps
Molybdenum	94-1	6514666	6381819	6285376	6393953	1.80	cps
Molybdenum	95-1	7957019	7744422	7738192	7813211	1.59	cps
Molybdenum	96-1	8925522	8574325	8429663	8643170	2.95	cps
Molybdenum	97-1	5104211	4933737	4925577	4987842	2.02	cps
Molybdenum	98-1	12910467	12469151	12322369	12567329	2.44	cps
Neodymium	150-1	393	333	360	362	8.30	cps
Neodymium	150-2	33	63	57	51	30.82	cps
Nickel	60-2	483232	487701	488531	486488	0.59	cps
Phosphorus	31-2	51531	50201	51088	50940	1.33	cps
Potassium	39-2	4925069	4976482	4998686	4966745	0.76	cps
Rhodium	103-1	5502929	5259612	5221766	5328102	2.86	cps
Rhodium	103-2	3000432	3008616	3015033	3008027	0.24	cps
Scandium	45-1	3300538	3134601	3099075	3178071	3.38	cps
Scandium	45-2	219755	222548	222435	221579	0.71	cps
Selenium	82-1	54180	53845	52828	53618	1.31	cps
Selenium	77-2	3494	3604	3634	3577	2.06	cps
Selenium	78-2	12248	12037	12183	12156	0.89	cps
Silicon	28-1	2167221	2186065	2209338	2187541	0.96	cps
Silver	107-1	4381148	4299306	4181037	4287164	2.35	cps
Silver	109-1	4237133	4128966	4087351	4151150	1.86	cps
Sodium	23-2	19733326	19905187	19655488	19764667	0.65	cps
Strontium	86-1	9950449	9746648	9620825	9772640	1.70	cps
Strontium	88-1	87072329	85061683	83630571	85254861	2.03	cps
Sulfur	34-1	614577	582869	579736	592394	3.25	cps
Terbium	159-1	9538922	9398175	9309396	9415498	1.23	cps
Terbium	159-2	5219882	5305969	5320919	5282257	1.03	cps
Thallium	203-1	4593409	4571144	4536877	4567143	0.62	cps
Thallium	205-1	10960308	11053404	10911397	10975036	0.66	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	PB139187BS	Instrumnet Name :	P7
Client Sample ID :	PB139187BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:49:26	DataFile Name :	035LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16778193	16645747	16722978	16715639	0.40	cps
Tin	118-1	3044829	2978716	2942924	2988823	1.73	cps
Titanium	47-1	2013363	1939121	1928617	1960367	2.36	cps
Uranium	238-1	15653768	15462145	15709914	15608609	0.83	cps
Vanadium	51-2	964866	977921	969139	970642	0.69	cps
Yttrium	89-1	9684252	9290184	9164544	9379660	2.89	cps
Yttrium	89-2	1841760	1868310	1864224	1858098	0.77	cps
Zinc	66-2	2186147	2220235	2207695	2204693	0.78	cps
Zirconium	90-1	5571443	5454667	5357136	5461082	1.96	cps
Zirconium	91-1	1236736	1213804	1188228	1212923	2.00	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6393	6502	6485	6460	0.90	cps
Antimony	121-1	1775	2075	1834	1895	8.40	cps
Arsenic	75-2	185	167	137	163	14.90	cps
Barium	135-1	67941	67430	68226	67866	0.59	cps
Barium	137-1	116594	118140	118770	117835	0.95	cps
Beryllium	9-1	200	178	156	178	12.50	cps
Bismuth	209-1	6761466	6854845	6754275	6790195	0.83	cps
Bismuth	209-2	4244346	4262576	4296849	4267924	0.62	cps
Boron	10-1	8536	8753	8294	8528	2.69	cps
Boron	11-1	40956	40997	39970	40641	1.43	cps
Bromine	81-1	17469	20490	21950	19970	11.44	cps
Bromine	81-2	2373	2663	2863	2633	9.37	cps
Cadmium	111-1	898	871	864	877	2.06	cps
Cadmium	106-1	3892	3842	3742	3826	2.00	cps
Cadmium	108-1	38	21	38	32	30.13	cps
Calcium	43-1	366547	362636	365025	364736	0.54	cps
Calcium	44-1	5531391	5493186	5576049	5533542	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1670	1587	1610	1622	2.65	cps
Cobalt	59-2	603	460	457	507	16.53	cps
Copper	63-2	4574	4674	4667	4639	1.21	cps
Dysprosium	156-1	267	317	358	314	14.62	cps
Dysprosium	156-2	153	137	183	158	14.99	cps
Erbium	164-1	342	392	358	364	7.00	cps
Erbium	164-2	190	177	200	189	6.20	cps
Gadolinium	160-1	250	333	358	314	18.07	cps
Gadolinium	160-2	343	283	303	310	9.85	cps
Holmium	165-1	9387930	9625533	9521537	9511667	1.25	cps
Holmium	165-2	5503219	5506086	5515516	5508274	0.12	cps
Indium	115-1	6333917	6327662	6366494	6342691	0.33	cps
Indium	115-2	1667126	1650097	1662466	1659896	0.53	cps
Iron	56-2	344177	342755	343949	343627	0.22	cps
Iron	57-2	10382	11060	11060	10834	3.61	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	19774	20335	19353	19820	2.49	cps
Krypton	83-1	537	477	517	510	5.99	cps
Lead	206-1	3328	3262	3073	3221	4.12	cps
Lead	207-1	3078	2750	2767	2865	6.44	cps
Lead	208-1	13214	12875	12380	12823	3.27	cps
Lithium	6-1	1929803	1963391	1946617	1946604	0.86	cps
Magnesium	24-2	1853635	1870523	1865570	1863243	0.47	cps
Manganese	55-2	32997	33625	33658	33427	1.11	cps
Molybdenum	94-1	2150	1992	2117	2086	4.00	cps
Molybdenum	95-1	3100	3250	2934	3095	5.12	cps
Molybdenum	96-1	3459	3175	3275	3303	4.35	cps
Molybdenum	97-1	1967	2125	1850	1981	6.97	cps
Molybdenum	98-1	5159	4901	4743	4934	4.26	cps
Neodymium	150-1	267	267	307	280	8.25	cps
Neodymium	150-2	153	183	140	159	13.97	cps
Nickel	60-2	500	593	537	543	8.65	cps
Phosphorus	31-2	1183	1075	1092	1117	5.22	cps
Potassium	39-2	483247	478101	471228	477525	1.26	cps
Rhodium	103-1	5456452	5502742	5448659	5469284	0.53	cps
Rhodium	103-2	3158218	3087542	3133515	3126425	1.15	cps
Scandium	45-1	3183549	3234687	3209711	3209316	0.80	cps
Scandium	45-2	230894	227513	227158	228522	0.90	cps
Selenium	82-1	2	57	30	30	93.34	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	59	54	56	56	5.04	cps
Silicon	28-1	11384511	11060515	11081996	11175674	1.62	cps
Silver	107-1	433	442	350	408	12.41	cps
Silver	109-1	417	342	283	347	19.25	cps
Sodium	23-2	9180246	9196371	9116922	9164513	0.46	cps
Strontium	86-1	237840	237176	237668	237561	0.15	cps
Strontium	88-1	2061107	2066671	2088190	2071989	0.69	cps
Sulfur	34-1	422596	418941	421433	420990	0.44	cps
Terbium	159-1	9403559	9491837	9341770	9412389	0.80	cps
Terbium	159-2	5360738	5302755	5382649	5348714	0.77	cps
Thallium	203-1	2217	1892	1642	1917	15.04	cps
Thallium	205-1	4893	4901	4309	4701	7.22	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10DUP	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:52:24	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2150	1667	1772	1863	13.64	cps
Tin	118-1	1242	1075	1092	1136	8.08	cps
Titanium	47-1	1742	1733	1500	1658	8.27	cps
Uranium	238-1	5685	5476	5626	5596	1.92	cps
Vanadium	51-2	1723	1803	1753	1760	2.30	cps
Yttrium	89-1	9505924	9514532	9608562	9543006	0.60	cps
Yttrium	89-2	1931718	1873144	1906138	1903666	1.54	cps
Zinc	66-2	1247	1350	1290	1296	4.01	cps
Zirconium	90-1	1308	1192	1117	1206	8.01	cps
Zirconium	91-1	333	283	233	283	17.65	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517	1433	1592	1514	5.24	cps
Antimony	121-1	550	500	625	558	11.27	cps
Arsenic	75-2	46	39	31	39	19.05	cps
Barium	135-1	13465	12815	12840	13040	2.83	cps
Barium	137-1	23604	23479	22869	23317	1.69	cps
Beryllium	9-1	111	72	50	78	39.77	cps
Bismuth	209-1	6754825	6790730	6781433	6775663	0.28	cps
Bismuth	209-2	4315803	4227772	4255598	4266391	1.05	cps
Boron	10-1	2892	3217	3159	3089	5.61	cps
Boron	11-1	14374	15191	14007	14524	4.17	cps
Bromine	81-1	9970	10788	10696	10485	4.27	cps
Bromine	81-2	721	681	891	764	14.61	cps
Cadmium	111-1	799	833	800	811	2.37	cps
Cadmium	106-1	3934	3942	3909	3928	0.44	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	70543	70827	69354	70241	1.11	cps
Calcium	44-1	1162559	1146586	1139222	1149456	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	727	853	770	783	8.22	cps
Cobalt	59-2	67	123	117	102	30.30	cps
Copper	63-2	1363	1620	1450	1478	8.84	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	20	47	23	30	48.44	cps
Erbium	164-1	108	83	142	111	26.34	cps
Erbium	164-2	97	47	67	70	35.95	cps
Gadolinium	160-1	100	117	83	100	16.66	cps
Gadolinium	160-2	197	173	140	170	16.75	cps
Holmium	165-1	9363993	9325830	9379772	9356531	0.30	cps
Holmium	165-2	5455663	5372941	5421203	5416602	0.77	cps
Indium	115-1	6321131	6310075	6319468	6316891	0.09	cps
Indium	115-2	1655281	1624945	1651671	1643966	1.01	cps
Iron	56-2	70932	71820	71664	71472	0.66	cps
Iron	57-2	2328	2328	2239	2298	2.23	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	4485	4375	4385	4415	1.38	cps
Krypton	83-1	560	497	460	506	10.01	cps
Lead	206-1	1522	1306	1317	1382	8.83	cps
Lead	207-1	1245	1328	1367	1313	4.76	cps
Lead	208-1	5978	5523	5278	5593	6.35	cps
Lithium	6-1	1911284	1935578	1933483	1926782	0.70	cps
Magnesium	24-2	366853	359713	357049	361205	1.40	cps
Manganese	55-2	6518	6435	6762	6572	2.58	cps
Molybdenum	94-1	417	567	508	497	15.21	cps
Molybdenum	95-1	492	558	525	525	6.35	cps
Molybdenum	96-1	667	800	650	706	11.65	cps
Molybdenum	97-1	442	275	483	400	27.56	cps
Molybdenum	98-1	1000	908	1058	989	7.65	cps
Neodymium	150-1	47	67	67	60	19.24	cps
Neodymium	150-2	23	30	23	26	15.07	cps
Nickel	60-2	157	180	170	169	6.93	cps
Phosphorus	31-2	1108	908	800	939	16.66	cps
Potassium	39-2	114311	113633	112978	113641	0.59	cps
Rhodium	103-1	5462490	5423631	5445082	5443734	0.36	cps
Rhodium	103-2	3166057	3103366	3135001	3134808	1.00	cps
Scandium	45-1	3181273	3138250	3133244	3150922	0.84	cps
Scandium	45-2	226146	222353	224553	224351	0.85	cps
Selenium	82-1	-29	49	57	26	185.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	50	67	62	17.40	cps
Silicon	28-1	2383382	2370912	2341566	2365287	0.91	cps
Silver	107-1	142	75	125	114	30.46	cps
Silver	109-1	133	92	117	114	18.41	cps
Sodium	23-2	1789086	1777302	1774648	1780346	0.43	cps
Strontium	86-1	46844	46902	46216	46654	0.82	cps
Strontium	88-1	399476	404458	397610	400515	0.88	cps
Sulfur	34-1	323440	318758	317892	320030	0.93	cps
Terbium	159-1	9374633	9282552	9341692	9332959	0.50	cps
Terbium	159-2	5324722	5263301	5301834	5296619	0.59	cps
Thallium	203-1	500	667	458	542	20.35	cps
Thallium	205-1	1367	1142	1192	1233	9.58	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10LX5	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-20 18:55:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	539	456	472	489	9.02	cps
Tin	118-1	1192	1100	992	1095	9.15	cps
Titanium	47-1	508	408	408	442	13.07	cps
Uranium	238-1	992	1133	1200	1108	9.60	cps
Vanadium	51-2	380	320	327	342	9.61	cps
Yttrium	89-1	9466245	9340508	9359874	9388876	0.72	cps
Yttrium	89-2	1904869	1867304	1891419	1887864	1.01	cps
Zinc	66-2	790	833	723	782	7.08	cps
Zirconium	90-1	600	633	567	600	5.56	cps
Zirconium	91-1	133	117	75	108	27.74	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114603	1093309	1106251	1104721	0.97	cps
Antimony	121-1	3445707	3489542	3457153	3464134	0.66	cps
Arsenic	75-2	128939	129410	128907	129085	0.22	cps
Barium	135-1	4303153	4371918	4350705	4341926	0.81	cps
Barium	137-1	7452709	7446059	7470243	7456337	0.17	cps
Beryllium	9-1	616664	628834	614363	619954	1.25	cps
Bismuth	209-1	6353440	6346600	6370649	6356896	0.19	cps
Bismuth	209-2	4046759	4055521	4023853	4042044	0.40	cps
Boron	10-1	80681	84795	87359	84278	4.00	cps
Boron	11-1	370430	398340	404754	391175	4.67	cps
Bromine	81-1	15584	18053	19822	17820	11.95	cps
Bromine	81-2	2513	2503	2743	2586	5.26	cps
Cadmium	111-1	842822	853498	851253	849191	0.66	cps
Cadmium	106-1	99691	99799	99699	99730	0.06	cps
Cadmium	108-1	69615	70189	70754	70186	0.81	cps
Calcium	43-1	1165085	1207514	1192508	1188369	1.81	cps
Calcium	44-1	17436786	18039121	17660495	17712134	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1164681	1161724	1157465	1161290	0.31	cps
Cobalt	59-2	1873199	1859209	1872280	1868229	0.42	cps
Copper	63-2	14566499	14531773	14361035	14486435	0.76	cps
Dysprosium	156-1	408	508	425	447	11.98	cps
Dysprosium	156-2	337	357	280	324	12.26	cps
Erbium	164-1	367	433	358	386	10.65	cps
Erbium	164-2	173	190	207	190	8.77	cps
Gadolinium	160-1	517	525	442	494	9.28	cps
Gadolinium	160-2	353	383	397	378	5.88	cps
Holmium	165-1	9040142	8982392	8893382	8971972	0.82	cps
Holmium	165-2	5294293	5277780	5333134	5301736	0.54	cps
Indium	115-1	5819981	5843136	5832882	5832000	0.20	cps
Indium	115-2	1536200	1544790	1549121	1543371	0.43	cps
Iron	56-2	53853165	53211180	53157885	53407410	0.72	cps
Iron	57-2	1382996	1383354	1372961	1379770	0.43	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3056492	3050069	3060755	3055772	0.18	cps
Krypton	83-1	470	457	470	466	1.65	cps
Lead	206-1	18479971	18767944	18916341	18721418	1.19	cps
Lead	207-1	16693474	16694216	16714419	16700703	0.07	cps
Lead	208-1	75060316	75822368	76061843	75648176	0.69	cps
Lithium	6-1	1796147	1800520	1821201	1805956	0.74	cps
Magnesium	24-2	13288251	13184225	13217533	13230003	0.40	cps
Manganese	55-2	8877096	8765260	8734662	8792339	0.85	cps
Molybdenum	94-1	9688539	9831670	9819548	9779919	0.81	cps
Molybdenum	95-1	13949887	14245748	14018780	14071471	1.10	cps
Molybdenum	96-1	15323309	15417088	15300325	15346907	0.40	cps
Molybdenum	97-1	8759665	8880459	8762635	8800920	0.78	cps
Molybdenum	98-1	22582510	22916602	22752145	22750419	0.73	cps
Neodymium	150-1	567	533	760	620	19.74	cps
Neodymium	150-2	193	193	153	180	12.83	cps
Nickel	60-2	478710	480439	475994	478381	0.47	cps
Phosphorus	31-2	892	900	925	906	1.92	cps
Potassium	39-2	5385167	5420011	5336664	5380614	0.78	cps
Rhodium	103-1	5012287	4986213	4954331	4984277	0.58	cps
Rhodium	103-2	2898884	2926438	2933367	2919563	0.62	cps
Scandium	45-1	2969034	2963410	2950909	2961118	0.31	cps
Scandium	45-2	215358	215104	214709	215057	0.15	cps
Selenium	82-1	50299	50685	51027	50670	0.72	cps
Selenium	77-2	3757	3400	3694	3617	5.26	cps
Selenium	78-2	12298	12287	12020	12201	1.29	cps
Silicon	28-1	12650296	12949817	12870617	12823577	1.21	cps
Silver	107-1	823306	814756	756118	798060	4.58	cps
Silver	109-1	667218	641454	804343	704338	12.43	cps
Sodium	23-2	28428964	28295042	28440773	28388260	0.29	cps
Strontium	86-1	9503857	9555436	9459532	9506275	0.50	cps
Strontium	88-1	82272469	83371794	82179256	82607839	0.80	cps
Sulfur	34-1	400081	408972	396147	401734	1.64	cps
Terbium	159-1	9024980	8931860	9003367	8986736	0.54	cps
Terbium	159-2	5135518	5147537	5197202	5160085	0.63	cps
Thallium	203-1	4398557	4437815	4451376	4429249	0.62	cps
Thallium	205-1	10568458	10627965	10573974	10590132	0.31	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MS	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 18:58:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	2150	1895	1828	1958	8.69	cps
Tin	118-1	2926357	2947414	2991167	2954979	1.12	cps
Titanium	47-1	3424230	3424516	3400788	3416511	0.40	cps
Uranium	238-1	15414402	15671647	15735588	15607212	1.09	cps
Vanadium	51-2	957607	953075	959548	956743	0.35	cps
Yttrium	89-1	8918319	8832570	8746039	8832309	0.98	cps
Yttrium	89-2	1803082	1811835	1817738	1810885	0.41	cps
Zinc	66-2	2370953	2373854	2353607	2366138	0.46	cps
Zirconium	90-1	5048143	5162285	5054927	5088452	1.26	cps
Zirconium	91-1	1129230	1142264	1127464	1132986	0.71	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1077251	1078344	1083062	1079552	0.29	cps
Antimony	121-1	3478780	3551020	3424979	3484926	1.81	cps
Arsenic	75-2	128169	127173	128984	128109	0.71	cps
Barium	135-1	4353662	4408906	4319001	4360523	1.04	cps
Barium	137-1	7457192	7607318	7453252	7505921	1.17	cps
Beryllium	9-1	612921	622971	613663	616519	0.91	cps
Bismuth	209-1	6343660	6362527	6430880	6379022	0.72	cps
Bismuth	209-2	4002740	4018439	4028836	4016672	0.33	cps
Boron	10-1	81460	86354	88625	85480	4.28	cps
Boron	11-1	386324	401603	411776	399901	3.20	cps
Bromine	81-1	17352	18512	21809	19224	12.03	cps
Bromine	81-2	2503	2413	2553	2489	2.85	cps
Cadmium	111-1	836208	857385	856045	849879	1.40	cps
Cadmium	106-1	100747	100419	99339	100168	0.74	cps
Cadmium	108-1	70005	70159	69460	69875	0.53	cps
Calcium	43-1	1200920	1225641	1183670	1203410	1.75	cps
Calcium	44-1	18024847	18228042	17718510	17990466	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1154107	1145788	1159103	1152999	0.58	cps
Cobalt	59-2	1859670	1843083	1858407	1853720	0.50	cps
Copper	63-2	14386787	14326709	14626891	14446796	1.10	cps
Dysprosium	156-1	433	458	458	450	3.21	cps
Dysprosium	156-2	270	330	360	320	14.32	cps
Erbium	164-1	450	400	358	403	11.39	cps
Erbium	164-2	153	227	203	194	19.27	cps
Gadolinium	160-1	525	467	375	456	16.60	cps
Gadolinium	160-2	363	350	337	350	3.81	cps
Holmium	165-1	8870598	9118416	9033514	9007509	1.40	cps
Holmium	165-2	5281091	5298832	5318888	5299604	0.36	cps
Indium	115-1	5868305	5919526	5836055	5874629	0.72	cps
Indium	115-2	1525628	1528375	1541819	1531941	0.57	cps
Iron	56-2	52714607	52523939	52912014	52716853	0.37	cps
Iron	57-2	1361875	1355162	1367620	1361552	0.46	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3039345	3015322	3028453	3027707	0.40	cps
Krypton	83-1	503	450	503	486	6.34	cps
Lead	206-1	18615349	18750073	19125610	18830344	1.40	cps
Lead	207-1	16611176	16631634	16902654	16715155	0.97	cps
Lead	208-1	75080944	76033242	76790574	75968253	1.13	cps
Lithium	6-1	1808879	1805440	1813970	1809430	0.24	cps
Magnesium	24-2	12890358	13115199	13090823	13032127	0.95	cps
Manganese	55-2	8736503	8737091	8745882	8739826	0.06	cps
Molybdenum	94-1	9647496	9906699	9650904	9735033	1.53	cps
Molybdenum	95-1	14106784	14336561	13845273	14096206	1.74	cps
Molybdenum	96-1	15252644	15722770	15207127	15394180	1.85	cps
Molybdenum	97-1	8729752	9115975	8768550	8871426	2.40	cps
Molybdenum	98-1	22712735	23509360	22408149	22876748	2.49	cps
Neodymium	150-1	687	613	553	618	10.81	cps
Neodymium	150-2	160	147	177	161	9.33	cps
Nickel	60-2	474011	469371	477769	473717	0.89	cps
Phosphorus	31-2	933	1100	875	970	12.05	cps
Potassium	39-2	5340820	5290055	5336171	5322349	0.53	cps
Rhodium	103-1	4994906	5070664	4962292	5009288	1.11	cps
Rhodium	103-2	2901933	2900000	2923049	2908328	0.44	cps
Scandium	45-1	2983405	3023410	2934223	2980346	1.50	cps
Scandium	45-2	213285	211967	211814	212355	0.38	cps
Selenium	82-1	50662	51058	51695	51138	1.02	cps
Selenium	77-2	3597	3590	3504	3564	1.46	cps
Selenium	78-2	12068	12227	11922	12072	1.27	cps
Silicon	28-1	12642628	13135843	12655482	12811318	2.19	cps
Silver	107-1	621513	740486	602908	654969	11.40	cps
Silver	109-1	603390	706401	620579	643457	8.58	cps
Sodium	23-2	27995548	28650249	28248025	28297940	1.17	cps
Strontium	86-1	9528259	9719471	9565959	9604563	1.05	cps
Strontium	88-1	83212154	84929187	83272269	83804537	1.16	cps
Sulfur	34-1	395931	408827	387213	397324	2.74	cps
Terbium	159-1	8821073	9060268	9005261	8962201	1.40	cps
Terbium	159-2	5162966	5131604	5132792	5142454	0.35	cps
Thallium	203-1	4372084	4452244	4502140	4442156	1.48	cps
Thallium	205-1	10441667	10732313	10929827	10701269	2.29	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10MSD	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:01:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1122	1195	1206	1174	3.85	cps
Tin	118-1	2945737	2992215	2936896	2958283	1.00	cps
Titanium	47-1	3426285	3482790	3385496	3431524	1.42	cps
Uranium	238-1	15577476	15880054	15927676	15795069	1.20	cps
Vanadium	51-2	939468	942099	949322	943630	0.54	cps
Yttrium	89-1	8833597	9047170	8790593	8890453	1.55	cps
Yttrium	89-2	1811229	1801685	1817483	1810132	0.44	cps
Zinc	66-2	2334694	2331087	2359084	2341622	0.65	cps
Zirconium	90-1	5101864	5221827	5050652	5124781	1.71	cps
Zirconium	91-1	1123526	1158233	1115901	1132554	1.99	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089943	1077044	1079942	1082310	0.63	cps
Antimony	121-1	3513479	3468172	3487490	3489714	0.65	cps
Arsenic	75-2	132915	125284	129582	129260	2.96	cps
Barium	135-1	4384501	4390345	4407349	4394065	0.27	cps
Barium	137-1	7496780	7592994	7563140	7550971	0.65	cps
Beryllium	9-1	617707	612546	610257	613503	0.62	cps
Bismuth	209-1	6485063	6375373	6439372	6433269	0.86	cps
Bismuth	209-2	4005086	4034912	4022521	4020840	0.37	cps
Boron	10-1	81963	85047	87552	84854	3.30	cps
Boron	11-1	386967	395684	410275	397642	2.96	cps
Bromine	81-1	17562	19598	21417	19525	9.88	cps
Bromine	81-2	2583	2583	2543	2570	0.90	cps
Cadmium	111-1	859138	848259	855748	854382	0.65	cps
Cadmium	106-1	100412	99640	100554	100202	0.49	cps
Cadmium	108-1	69305	69271	71214	69930	1.59	cps
Calcium	43-1	1202434	1192956	1190089	1195160	0.54	cps
Calcium	44-1	18014284	17883751	17889844	17929293	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1162320	1130288	1149805	1147471	1.41	cps
Cobalt	59-2	1875689	1828601	1840188	1848159	1.33	cps
Copper	63-2	14520482	14279821	14389001	14396435	0.84	cps
Dysprosium	156-1	600	542	433	525	16.11	cps
Dysprosium	156-2	303	347	337	329	6.90	cps
Erbium	164-1	325	417	525	422	23.71	cps
Erbium	164-2	240	233	193	222	11.36	cps
Gadolinium	160-1	525	625	467	539	14.86	cps
Gadolinium	160-2	373	353	440	389	11.67	cps
Holmium	165-1	9088573	9307510	9029981	9142021	1.60	cps
Holmium	165-2	5283433	5325074	5303761	5304090	0.39	cps
Indium	115-1	5996651	5888766	5892762	5926060	1.03	cps
Indium	115-2	1540737	1509784	1535977	1528833	1.09	cps
Iron	56-2	52880153	52229093	52663291	52590846	0.63	cps
Iron	57-2	1386703	1351948	1347845	1362165	1.57	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3032382	2991755	3040951	3021696	0.87	cps
Krypton	83-1	503	567	493	521	7.63	cps
Lead	206-1	18567853	18781237	19020089	18789727	1.20	cps
Lead	207-1	16511154	16600385	16855739	16655759	1.07	cps
Lead	208-1	75285058	75724970	76920035	75976688	1.11	cps
Lithium	6-1	1816623	1810776	1806458	1811286	0.28	cps
Magnesium	24-2	13168077	12918335	12930509	13005640	1.08	cps
Manganese	55-2	8730049	8666903	8660960	8685971	0.44	cps
Molybdenum	94-1	9924979	9861299	9787362	9857880	0.70	cps
Molybdenum	95-1	14363695	14096760	14119310	14193255	1.04	cps
Molybdenum	96-1	15464658	15416410	15294377	15391815	0.57	cps
Molybdenum	97-1	8868789	8806392	8825067	8833416	0.36	cps
Molybdenum	98-1	23172033	22591801	22987702	22917178	1.29	cps
Neodymium	150-1	633	720	587	647	10.46	cps
Neodymium	150-2	210	210	137	186	22.82	cps
Nickel	60-2	470110	467625	475201	470978	0.82	cps
Phosphorus	31-2	975	1033	983	997	3.16	cps
Potassium	39-2	5314463	5285785	5316576	5305608	0.32	cps
Rhodium	103-1	5134880	5016860	5014419	5055386	1.36	cps
Rhodium	103-2	2920471	2879352	2914791	2904872	0.77	cps
Scandium	45-1	3062904	2958699	2955442	2992348	2.04	cps
Scandium	45-2	215544	212473	212173	213397	0.87	cps
Selenium	82-1	51068	50997	51071	51045	0.08	cps
Selenium	77-2	3457	3594	3227	3426	5.41	cps
Selenium	78-2	12020	11988	11631	11880	1.82	cps
Silicon	28-1	12907250	12676963	12713792	12766002	0.97	cps
Silver	107-1	1328828	1459276	1151970	1313358	11.74	cps
Silver	109-1	1108858	1259257	1711330	1359815	23.06	cps
Sodium	23-2	27997075	27980408	27807549	27928344	0.38	cps
Strontium	86-1	9660128	9697383	9601826	9653112	0.50	cps
Strontium	88-1	83351652	83970085	83866246	83729328	0.40	cps
Sulfur	34-1	401110	384763	385316	390396	2.38	cps
Terbium	159-1	9186758	9007458	9088175	9094130	0.99	cps
Terbium	159-2	5127795	5094920	5125281	5115999	0.36	cps
Thallium	203-1	4409147	4464312	4460357	4444605	0.69	cps
Thallium	205-1	10673114	10634978	10733197	10680430	0.46	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	M3791-10A	Instrumnet Name :	P7
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:04:41	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	1022	972	945	980	4.02	cps
Tin	118-1	2982237	2971383	2980163	2977928	0.19	cps
Titanium	47-1	3464965	3412480	3405738	3427728	0.95	cps
Uranium	238-1	15756260	15853570	15885966	15831932	0.43	cps
Vanadium	51-2	960796	932249	951985	948343	1.54	cps
Yttrium	89-1	9049077	8937327	8844454	8943619	1.15	cps
Yttrium	89-2	1806548	1769947	1803807	1793434	1.14	cps
Zinc	66-2	2405145	2329059	2359935	2364713	1.62	cps
Zirconium	90-1	5170659	5085030	5079974	5111888	1.00	cps
Zirconium	91-1	1144005	1132628	1125388	1134007	0.83	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:07:41	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4903752	4902448	4860557	4888919	0.50	cps
Antimony	121-1	3326046	3398886	3445199	3390044	1.77	cps
Arsenic	75-2	119881	118847	119523	119417	0.44	cps
Barium	135-1	3986150	4042798	4104460	4044470	1.46	cps
Barium	137-1	6853901	6963141	7078867	6965303	1.62	cps
Beryllium	9-1	581596	590545	594370	588837	1.11	cps
Bismuth	209-1	6163558	6120121	6136088	6139922	0.36	cps
Bismuth	209-2	3847544	3842294	3831726	3840521	0.21	cps
Boron	10-1	75563	77641	77062	76755	1.40	cps
Boron	11-1	348300	355173	364324	355932	2.26	cps
Bromine	81-1	8344	6910	6668	7308	12.40	cps
Bromine	81-2	270	220	350	280	23.42	cps
Cadmium	111-1	789223	797871	804075	797056	0.94	cps
Cadmium	106-1	262698	261447	260199	261448	0.48	cps
Cadmium	108-1	124497	125847	125661	125335	0.58	cps
Calcium	43-1	3964968	3997333	4046981	4003094	1.03	cps
Calcium	44-1	59439139	60562031	61270943	60424037	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1106253	1099505	1106805	1104188	0.37	cps
Cobalt	59-2	1737119	1739678	1760587	1745794	0.74	cps
Copper	63-2	12613547	12546621	12641286	12600485	0.39	cps
Dysprosium	156-1	675	992	733	800	21.07	cps
Dysprosium	156-2	540	480	440	487	10.34	cps
Erbium	164-1	208	158	192	186	13.68	cps
Erbium	164-2	117	117	67	100	28.87	cps
Gadolinium	160-1	817	775	858	817	5.10	cps
Gadolinium	160-2	577	570	557	568	1.79	cps
Holmium	165-1	9129384	9060250	9157474	9115703	0.55	cps
Holmium	165-2	5249956	5295000	5298610	5281189	0.51	cps
Indium	115-1	5701734	5714836	5749718	5722096	0.43	cps
Indium	115-2	1491917	1487948	1499599	1493155	0.40	cps
Iron	56-2	245911556	244805394	246479822	245732257	0.35	cps
Iron	57-2	6143180	6148353	6140103	6143879	0.07	cps

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Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	13225259	13034084	13225959	13161767	0.84	cps
Krypton	83-1	430	417	453	433	4.28	cps
Lead	206-1	17746831	17729613	17605777	17694074	0.43	cps
Lead	207-1	15663663	15600847	15551599	15605370	0.36	cps
Lead	208-1	71390598	70825815	71169386	71128600	0.40	cps
Lithium	6-1	1774616	1749074	1744613	1756101	0.92	cps
Magnesium	24-2	54374574	53972882	54147474	54164977	0.37	cps
Manganese	55-2	7654213	7545763	7657854	7619277	0.84	cps
Molybdenum	94-1	22270380	22556304	23093907	22640197	1.85	cps
Molybdenum	95-1	7232397	7358437	7444807	7345214	1.45	cps
Molybdenum	96-1	10780345	11057207	11089485	10975679	1.55	cps
Molybdenum	97-1	4606461	4696256	4728636	4677118	1.35	cps
Molybdenum	98-1	11775607	11818077	12085922	11893202	1.41	cps
Neodymium	150-1	347	280	313	313	10.64	cps
Neodymium	150-2	53	50	37	47	18.89	cps
Nickel	60-2	441756	442215	441340	441770	0.10	cps
Phosphorus	31-2	47024	47267	47835	47375	0.88	cps
Potassium	39-2	22873256	22974426	23012295	22953326	0.31	cps
Rhodium	103-1	4752236	4762527	4816684	4777149	0.72	cps
Rhodium	103-2	2771524	2775038	2784453	2777005	0.24	cps
Scandium	45-1	2917321	2963352	2985406	2955359	1.18	cps
Scandium	45-2	220339	218110	221858	220102	0.86	cps
Selenium	82-1	47912	47765	47901	47859	0.17	cps
Selenium	77-2	3214	3667	3064	3315	9.48	cps
Selenium	78-2	11366	11156	11164	11228	1.06	cps
Silicon	28-1	2763868	2987183	3098107	2949719	5.77	cps
Silver	107-1	3795514	3812946	3832920	3813793	0.49	cps
Silver	109-1	3602417	3639324	3641469	3627737	0.61	cps
Sodium	23-2	93155219	91807956	92612033	92525069	0.73	cps
Strontium	86-1	9080131	9306632	9267824	9218196	1.31	cps
Strontium	88-1	78734412	79983008	81193385	79970268	1.54	cps
Sulfur	34-1	533561	540268	543645	539158	0.95	cps
Terbium	159-1	9067934	8979992	8972814	9006913	0.59	cps
Terbium	159-2	5074851	5086854	5106662	5089456	0.32	cps
Thallium	203-1	4293222	4294729	4309289	4299080	0.21	cps
Thallium	205-1	10349727	10267293	10269823	10295614	0.46	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:07:41	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	16293458	16215728	16409336	16306174	0.60	cps
Tin	118-1	2748013	2788437	2796439	2777630	0.93	cps
Titanium	47-1	1784746	1817113	1865625	1822495	2.23	cps
Uranium	238-1	15280930	15388242	15456051	15375074	0.57	cps
Vanadium	51-2	916934	906421	918593	913983	0.72	cps
Yttrium	89-1	8659296	8885503	8859827	8801542	1.41	cps
Yttrium	89-2	1780151	1784405	1804286	1789614	0.72	cps
Zinc	66-2	2072644	2062609	2081072	2072108	0.45	cps
Zirconium	90-1	48630518	50045670	50517044	49731077	1.97	cps
Zirconium	91-1	10885696	11120006	11247702	11084468	1.66	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:13:14	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	192	133	153	22.04	cps
Antimony	121-1	667	817	908	797	15.30	cps
Arsenic	75-2	9	15	15	13	24.72	cps
Barium	135-1	83	100	58	81	26.03	cps
Barium	137-1	175	183	125	161	19.58	cps
Beryllium	9-1	156	167	167	163	3.94	cps
Bismuth	209-1	6844016	6788364	6803652	6812011	0.42	cps
Bismuth	209-2	4268946	4268490	4321249	4286228	0.71	cps
Boron	10-1	3676	3651	3284	3537	6.20	cps
Boron	11-1	17285	15900	16267	16484	4.35	cps
Bromine	81-1	5835	5860	5543	5746	3.07	cps
Bromine	81-2	80	70	80	77	7.53	cps
Cadmium	111-1	792	769	778	780	1.48	cps
Cadmium	106-1	3776	3592	3734	3701	2.60	cps
Cadmium	108-1	54	58	50	54	7.69	cps
Calcium	43-1	217	175	242	211	15.95	cps
Calcium	44-1	5459	5193	5493	5382	3.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	577	650	607	611	6.03	cps
Cobalt	59-2	50	57	57	54	7.07	cps
Copper	63-2	1143	1060	1203	1136	6.34	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	83	47	66.82	cps
Erbium	164-2	33	27	47	36	28.64	cps
Gadolinium	160-1	83	42	17	47	71.32	cps
Gadolinium	160-2	107	130	103	113	12.82	cps
Holmium	165-1	9399510	9424253	9401166	9408310	0.15	cps
Holmium	165-2	5432571	5443535	5473837	5449981	0.39	cps
Indium	115-1	6276949	6331848	6328332	6312376	0.49	cps
Indium	115-2	1649896	1670332	1671490	1663906	0.73	cps
Iron	56-2	6607	6874	7135	6872	3.84	cps
Iron	57-2	144	183	206	178	17.40	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-20 19:13:14	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	761	711	891	788	11.81	cps
Krypton	83-1	483	500	513	499	3.01	cps
Lead	206-1	2478	2367	2461	2435	2.46	cps
Lead	207-1	2278	1995	2306	2193	7.85	cps
Lead	208-1	10085	9563	9868	9839	2.67	cps
Lithium	6-1	1926858	1927007	1927766	1927210	0.03	cps
Magnesium	24-2	1167	1175	1317	1220	6.91	cps
Manganese	55-2	243	250	227	240	5.01	cps
Molybdenum	94-1	858	692	908	819	13.85	cps
Molybdenum	95-1	308	475	400	394	21.16	cps
Molybdenum	96-1	783	667	475	642	24.26	cps
Molybdenum	97-1	292	317	342	317	7.89	cps
Molybdenum	98-1	667	600	625	631	5.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	50	97	107	84	35.82	cps
Phosphorus	31-2	800	800	833	811	2.37	cps
Potassium	39-2	29472	29538	29496	29502	0.11	cps
Rhodium	103-1	5464855	5461350	5435856	5454021	0.29	cps
Rhodium	103-2	3156282	3187606	3182107	3175332	0.53	cps
Scandium	45-1	3112019	3164645	3162026	3146230	0.94	cps
Scandium	45-2	225654	226490	227481	226542	0.40	cps
Selenium	82-1	34	16	-24	9	351.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	80	63	69	14.05	cps
Silicon	28-1	164444	168276	166045	166255	1.16	cps
Silver	107-1	2075	1959	2759	2264	19.09	cps
Silver	109-1	2192	2259	2434	2295	5.44	cps
Sodium	23-2	29463	29555	29246	29421	0.54	cps
Strontium	86-1	900	858	1050	936	10.77	cps
Strontium	88-1	1592	1775	1525	1631	7.94	cps
Sulfur	34-1	286499	294572	297791	292954	1.99	cps
Terbium	159-1	9229814	9363401	9288175	9293797	0.72	cps
Terbium	159-2	5298593	5295167	5309373	5301044	0.14	cps
Thallium	203-1	1142	1042	1133	1106	5.02	cps
Thallium	205-1	3042	2600	2467	2703	11.14	cps

LB Number :	LB116396	Operator :	JASWAL
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thorium	232-1	494	450	411	452	9.23	cps
Tin	118-1	1192	1292	983	1156	13.61	cps
Titanium	47-1	92	58	108	86	29.56	cps
Uranium	238-1	375	233	258	289	26.18	cps
Vanadium	51-2	27	27	10	21	45.58	cps
Yttrium	89-1	9389528	9477738	9380774	9416013	0.57	cps
Yttrium	89-2	1898695	1916561	1928779	1914679	0.79	cps
Zinc	66-2	567	633	693	631	10.04	cps
Zirconium	90-1	1892	1567	1725	1728	9.41	cps
Zirconium	91-1	417	350	367	378	9.18	cps