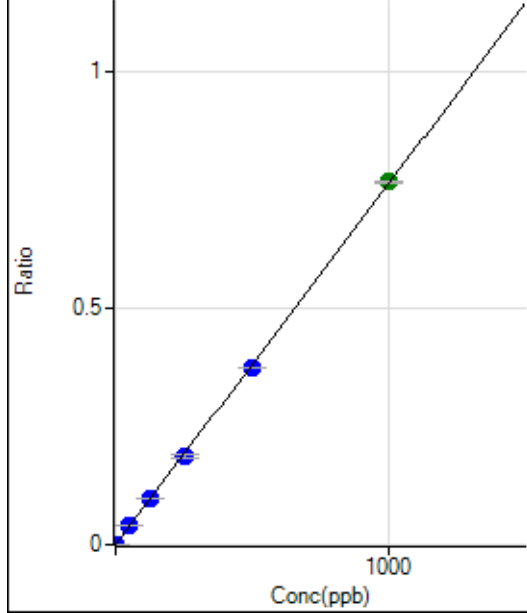


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122724 MS.b\
Analysis File: P7122724 MS.batch.bin
DA Date-Time: 2024-12-28 21:03:13
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2024-12-27 14:36:11
2	005CALS.d	S01	2024-12-27 14:46:11
3	006CALS.d	S02	2024-12-27 14:49:33
4	007CALS.d	S03	2024-12-27 14:52:53
5	008CALS.d	S04	2024-12-27 14:55:56
6	009CALS.d	S05	2024-12-27 14:58:53
7	010CALS.d	S06	2024-12-27 15:01:40
8	011CALS.d	S07	2024-12-27 15:04:29
9	012CALS.d	S08	2024-12-27 15:07:16

Calibration for 007CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0000	P	9.7
2	☐	0.100	0.125	257.78	0.0001	P	10.2
3	☐	1.000	1.120	1787.90	0.0009	P	3.1
4	☐	50.000	53.826	83608.77	0.0411	P	0.9
5	☐	125.000	128.660	195932.82	0.0982	P	0.7
6	☐	250.000	246.394	377837.92	0.1881	P	4.0
7	☐	500.000	490.076	719959.30	0.3740	P	0.8
8	☐	1000.000	1005.215	1462889.36	0.7672	A	0.9
9	☐			517.79	0.0003	P	8.1

$$y = 7.6314E-004 * x + 3.5823E-005$$

R = 0.9999

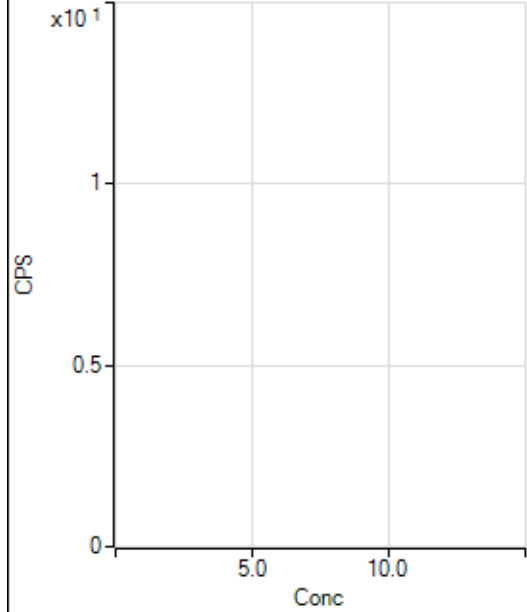
DL = 0.01364

BEC = 0.04694

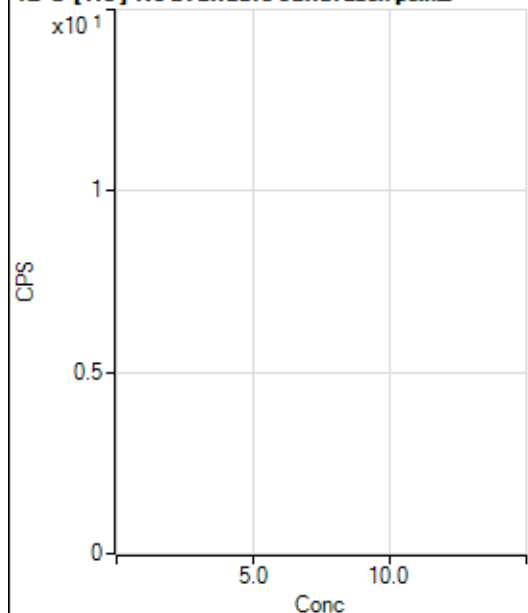
Weight: <None>

Min Conc: 0

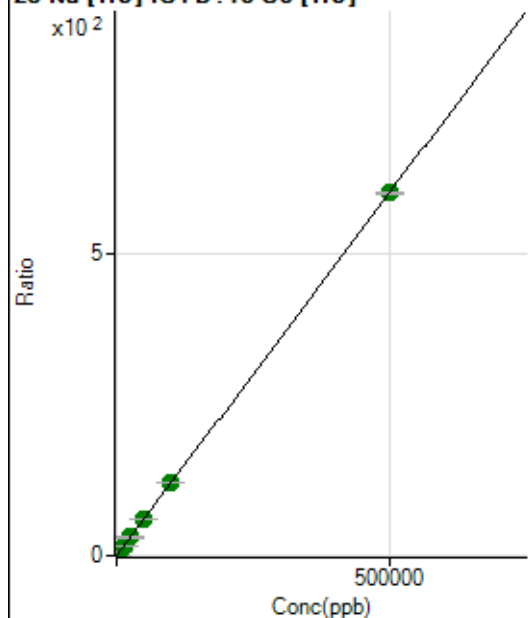
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19727.18	0.0306	P	1.0
2	☐	50.000	49.073	59310.36	0.0895	P	1.0
3	☐	500.000	494.691	413279.69	0.6249	P	1.4
4	☐	5000.000	5255.212	4004839.25	6.3448	A	0.6
5	☐	12500.000	12466.416	8881728.97	15.0092	A	0.2
6	☐	25000.000	25184.091	16884720.30	30.2897	A	0.6
7	☐	50000.000	50452.889	32275264.79	60.6506	A	0.3
8	☐	100000.00	100151.82	64095066.27	120.3647	A	0.8
9	☐	500000.00	499913.43	337010199.42	600.6850	A	0.8

$$y = 0.0012 * x + 0.0306$$

$$R = 1.0000$$

$$DL = 0.7448$$

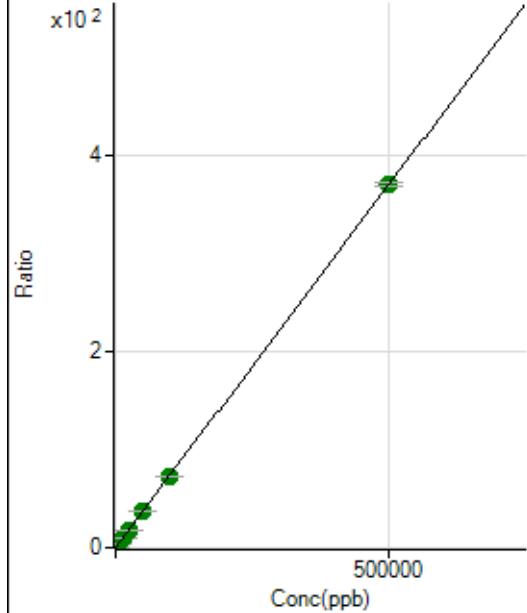
$$BEC = 25.43$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	982.26	0.0015	P	8.0
2	☐	50.000	53.402	27107.25	0.0409	P	1.1
3	☐	500.000	533.822	261412.79	0.3953	P	1.5
4	☐	5000.000	5243.407	2442327.50	3.8693	A	0.3
5	☐	12500.000	12416.580	5420786.31	9.1606	A	0.1
6	☐	25000.000	25008.433	10284204.08	18.4489	A	0.5
7	☐	50000.000	50044.805	19645573.87	36.9169	A	0.5
8	☐	100000.00	98391.376	38649455.54	72.5796	A	0.7
9	☐	500000.00	500316.44	207055096.92	369.0582	A	0.9

$$y = 7.3765E-004 * x + 0.0015$$

R = 1.0000

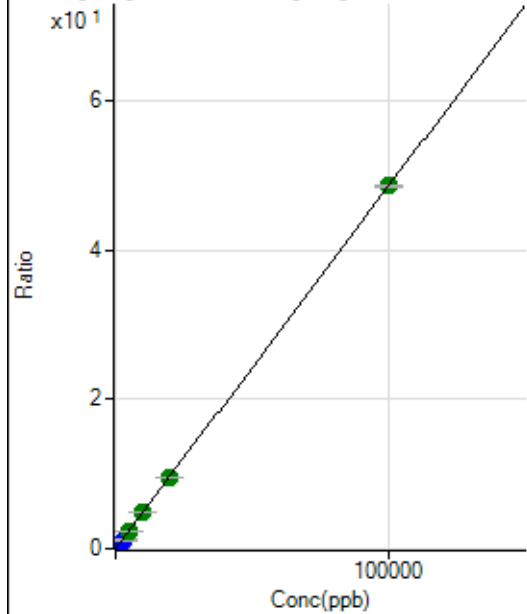
DL = 0.4942

BEC = 2.063

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0002	P	8.5
2	☐	2.000	2.483	900.03	0.0014	P	3.0
3	☐	20.000	19.729	6441.40	0.0097	P	1.8
4	☐	1000.000	989.508	303664.81	0.4811	P	0.1
5	☐	2500.000	2379.562	684475.64	1.1567	P	0.9
6	☐	5000.000	4960.091	1344006.90	2.4109	A	1.5
7	☐	10000.000	10004.926	2587792.20	4.8628	A	0.9
8	☐	20000.000	19502.325	5047693.19	9.4788	A	0.5
9	☐	100000.00	100104.15	27296714.31	48.6534	A	0.6

$$y = 4.8603E-004 * x + 1.5151E-004$$

R = 1.0000

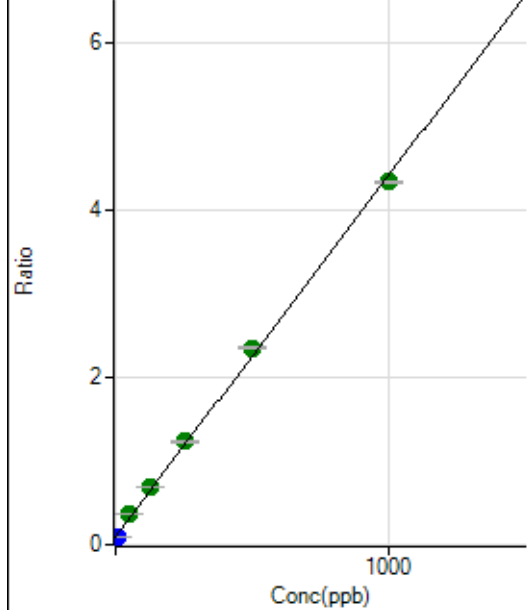
DL = 0.07993

BEC = 0.3117

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	671428.24	0.0950	P	0.9
2	☐	1.000	0.703	701235.96	0.0981	P	4.5
3	☐	10.000	1.152	732185.64	0.1000	P	0.5
4	☐	50.000	63.192	2641180.28	0.3679	A	1.2
5	☐	125.000	139.417	4727784.90	0.6970	A	0.9
6	☐	250.000	264.503	8126871.61	1.2371	A	2.1
7	☐	500.000	522.720	14546371.59	2.3520	A	1.0
8	☐	1000.000	982.641	26341452.94	4.3378	A	0.4
9	☐			549482.46	0.0893	P	1.8

$$y = 0.0043 * x + 0.0950$$

$$R = 0.9993$$

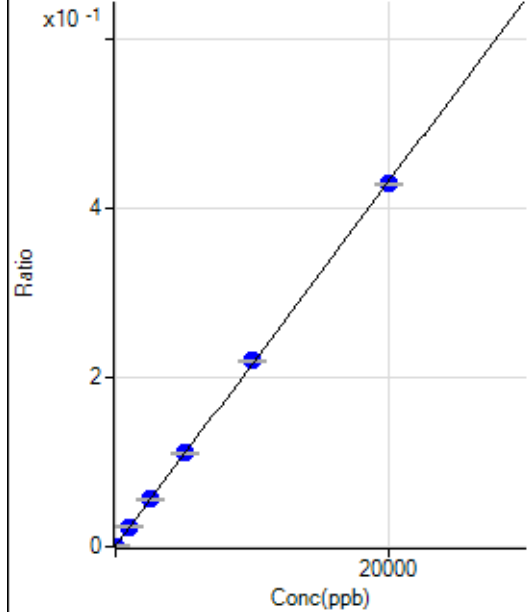
$$DL = 0.6011$$

$$BEC = 22.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.275	171.11	0.0003	P	13.1
2	☐	0.000	-11.168	220.00	0.0003	P	6.6
3	☐	0.000	25.444	741.14	0.0011	P	8.3
4	☐	1000.000	1075.103	14986.32	0.0237	P	1.9
5	☐	2500.000	2568.896	33100.23	0.0559	P	2.0
6	☐	5000.000	5098.091	61564.18	0.1104	P	2.2
7	☐	10000.000	10159.202	116817.96	0.2195	P	0.8
8	☐	20000.000	19883.509	228495.47	0.4291	P	0.4
9	☐			294.45	0.0005	P	6.9

$$y = 2.1551E-005 * x + 5.7274E-004$$

$$R = 0.9999$$

$$DL = 6.938$$

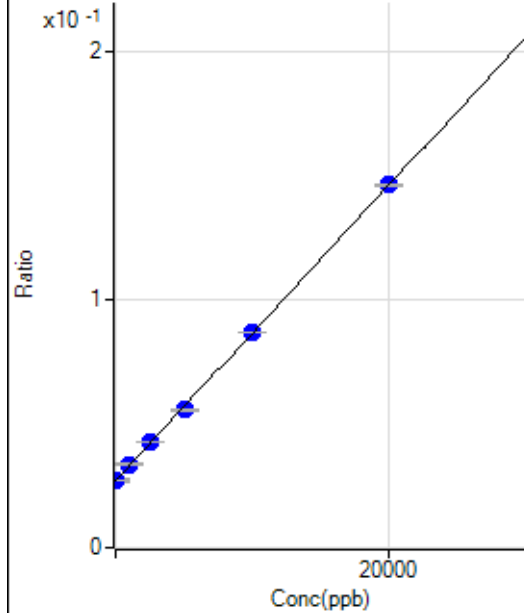
$$BEC = 26.58$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.338	190300.33	0.0269	P	0.6
2	☐	0.000	-0.606	193323.98	0.0270	P	4.1
3	☐	0.000	17.944	198712.04	0.0271	P	1.8
4	☐	1000.000	1097.864	241094.77	0.0336	P	1.2
5	☐	2500.000	2591.925	288211.91	0.0425	P	0.1
6	☐	5000.000	4791.041	365280.48	0.0556	P	1.6
7	☐	10000.000	10012.065	536371.07	0.0867	P	0.1
8	☐	20000.000	20029.824	889326.48	0.1465	P	0.4
9	☐			156533.29	0.0254	P	3.7

$y = 5.9621E-006 * x + 0.0270$

R = 0.9999

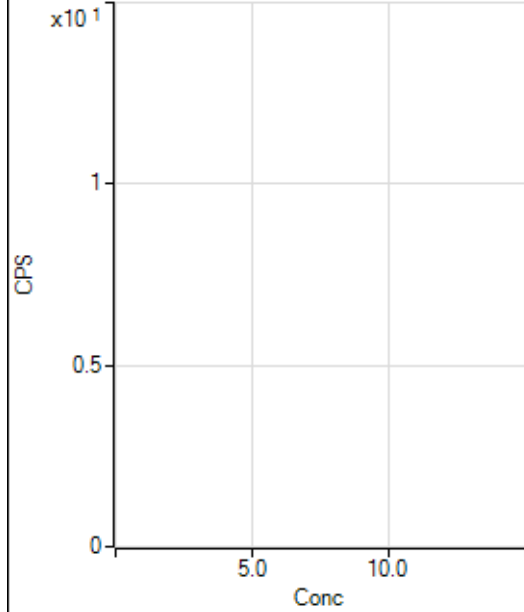
DL = 295.1

BEC = 4534

Weight: <None>

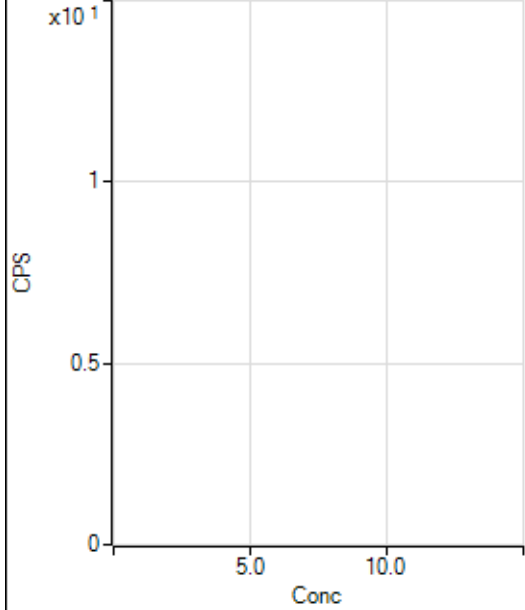
Min Conc: 0

35 Cl [No Gas] No available calibration points



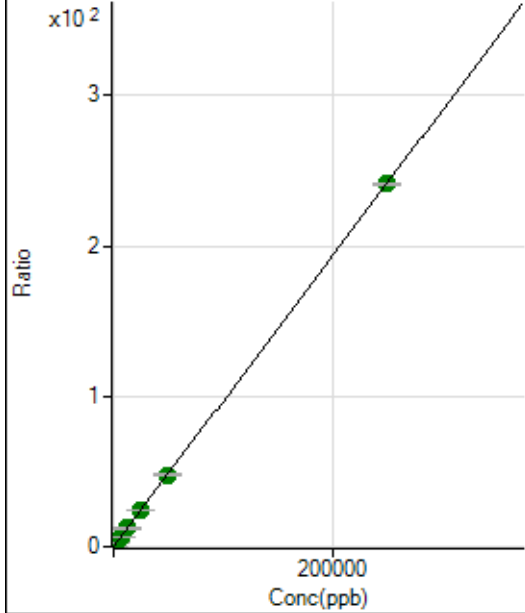
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						
9	☐						

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58032.30	0.0899	P	1.7
2	☐	50.000	54.164	94159.89	0.1421	P	0.6
3	☐	500.000	548.403	409097.28	0.6186	P	1.3
4	☐	2500.000	2645.931	1666855.34	2.6408	A	0.9
5	☐	6250.000	6269.920	3630180.01	6.1346	A	0.8
6	☐	12500.000	12534.651	6786804.41	12.1743	A	0.8
7	☐	25000.000	25162.824	12957340.36	24.3488	A	0.1
8	☐	50000.000	49462.550	25440310.73	47.7756	A	1.2
9	☐	250000.00	250087.42	135322059.09	241.1936	A	0.7

$$y = 9.6408E-004 * x + 0.0899$$

$$R = 1.0000$$

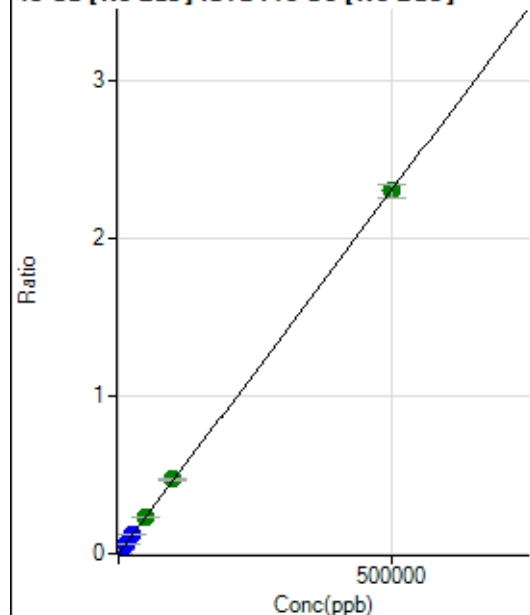
$$DL = 4.759$$

$$BEC = 93.25$$

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	214.45	0.0000	P	12.5
2	☐	50.000	58.169	2130.17	0.0003	P	5.5
3	☐	500.000	544.360	18556.97	0.0025	P	0.8
4	☐	5000.000	5486.785	181413.44	0.0253	P	2.0
5	☐	12500.000	13191.767	411813.06	0.0607	P	0.9
6	☐	25000.000	25753.582	778443.93	0.1185	P	2.4
7	☐	50000.000	51301.240	1459687.17	0.2360	A	0.2
8	☐	100000.00	102320.73	2858378.33	0.4707	A	0.9
9	☐	500000.00	499345.84	14133703.95	2.2971	A	3.7

$$y = 4.6002\text{E-}006 * x + 3.0339\text{E-}005$$

$$R = 1.0000$$

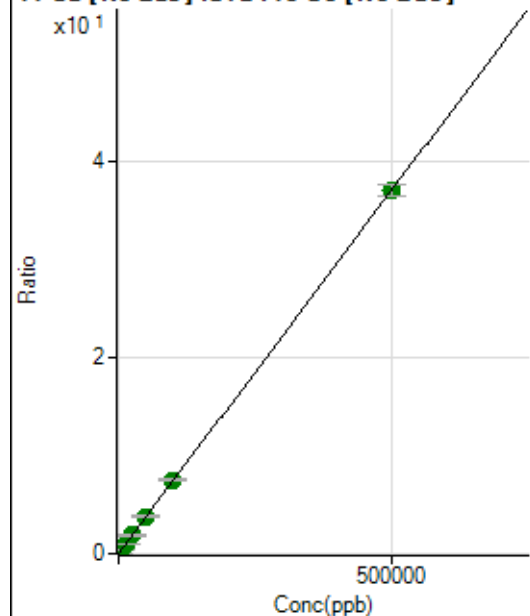
$$DL = 2.472$$

$$BEC = 6.595$$

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	6617.06	0.0009	P	1.4
2	☐	50.000	58.593	37677.79	0.0053	P	4.6
3	☐	500.000	556.661	308207.99	0.0421	P	1.5
4	☐	5000.000	5316.397	2829020.90	0.3940	A	1.2
5	☐	12500.000	12869.277	6461367.13	0.9525	A	0.6
6	☐	25000.000	25212.125	12252134.12	1.8652	A	2.5
7	☐	50000.000	51499.462	23555786.04	3.8089	A	0.5
8	☐	100000.00	101755.99	45694166.54	7.5250	A	0.4
9	☐	500000.00	499475.79	227254821.06	36.9331	A	3.2

$$y = 7.3942\text{E-}005 * x + 9.3648\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5379$$

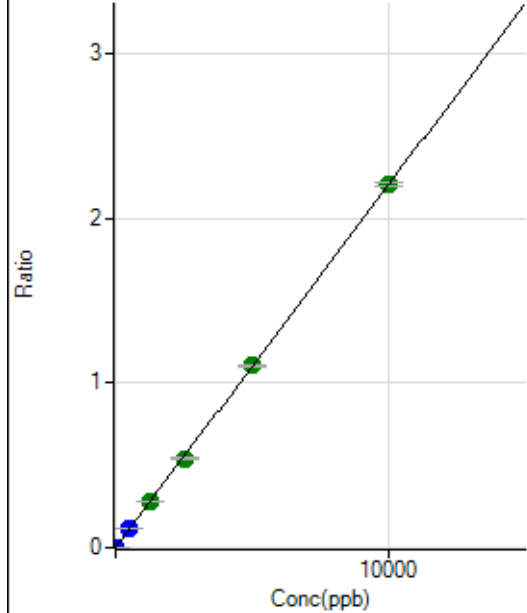
$$BEC = 12.67$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	5.9
2	☐	0.500	0.565	955.60	0.0001	P	7.2
3	☐	5.000	5.290	8593.61	0.0012	P	0.6
4	☐	500.000	511.871	808868.89	0.1127	P	1.3
5	☐	1250.000	1268.971	1894456.19	0.2793	A	1.1
6	☐	2500.000	2450.803	3542930.29	0.5394	A	3.1
7	☐	5000.000	5019.615	6832173.23	1.1047	A	0.7
8	☐	10000.000	9999.527	13363758.13	2.2007	A	1.0
9	☐			2585.81	0.0004	P	17.1

$$y = 2.2008E-004 * x + 9.4383E-006$$

$$R = 1.0000$$

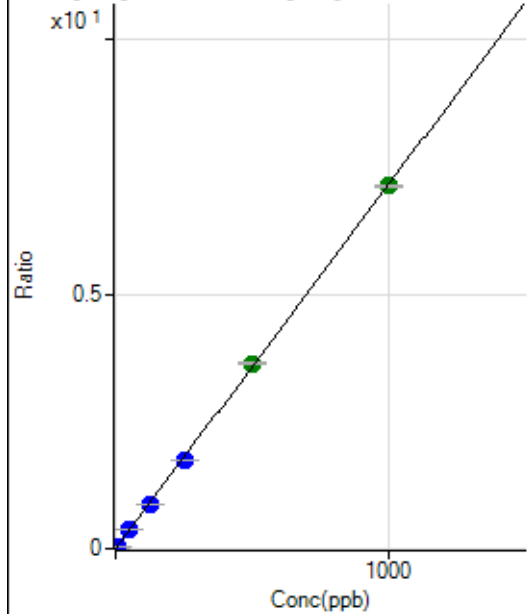
$$DL = 0.007631$$

$$BEC = 0.04288$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	21.9
2	☐	0.500	0.531	2546.90	0.0038	P	4.3
3	☐	5.000	5.438	25763.12	0.0390	P	0.6
4	☐	50.000	51.556	232869.24	0.3689	P	0.3
5	☐	125.000	123.471	522785.72	0.8834	P	0.6
6	☐	250.000	244.895	976760.47	1.7522	P	0.3
7	☐	500.000	509.558	1940071.29	3.6458	A	1.1
8	☐	1000.000	996.608	3797036.47	7.1305	A	0.8
9	☐			894.48	0.0016	P	10.4

$$y = 0.0072 * x + 4.8165E-005$$

$$R = 0.9999$$

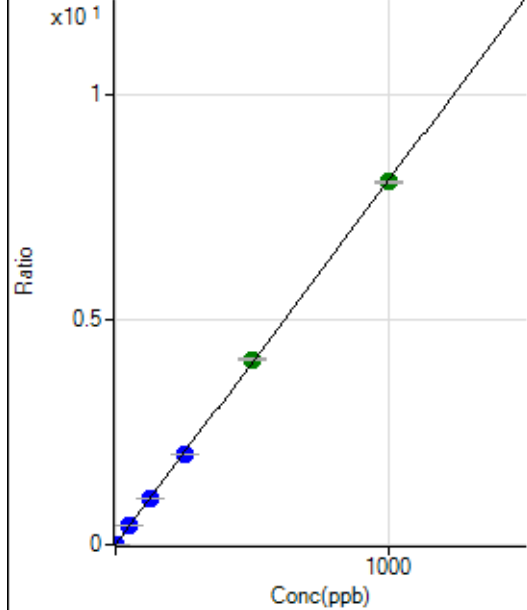
$$DL = 0.004432$$

$$BEC = 0.006732$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2269.08	0.0035	P	3.6
2	☐	0.200	0.194	3370.41	0.0051	P	1.7
3	☐	2.000	2.130	13721.90	0.0208	P	2.7
4	☐	50.000	51.816	266903.43	0.4228	P	0.3
5	☐	125.000	124.182	596774.68	1.0085	P	0.7
6	☐	250.000	245.917	1111345.51	1.9936	P	0.4
7	☐	500.000	509.231	2194886.46	4.1246	A	0.3
8	☐	1000.000	996.417	4295889.31	8.0672	A	0.8
9	☐			7299.67	0.0130	P	3.3

$$y = 0.0081 * x + 0.0035$$

$$R = 0.9999$$

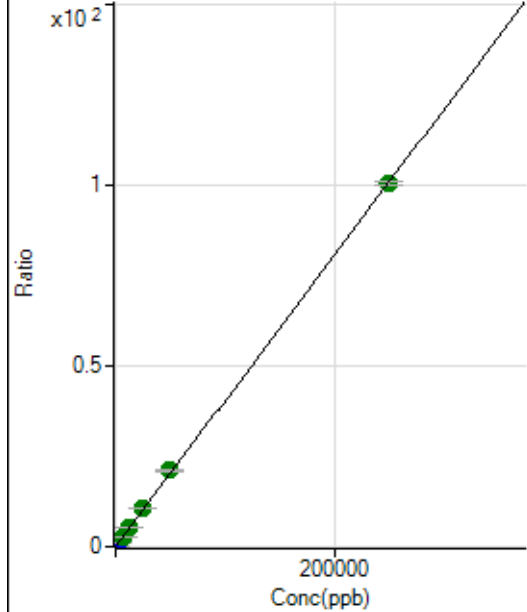
$$DL = 0.04646$$

$$BEC = 0.4343$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2790.29	0.0043	P	2.6
2	☐	5.000	5.966	4457.37	0.0067	P	2.3
3	☐	50.000	58.591	18480.31	0.0279	P	1.2
4	☐	2500.000	2800.161	715313.99	1.1333	P	0.3
5	☐	6250.000	6665.574	1592795.39	2.6917	A	0.2
6	☐	12500.000	13271.330	2985170.86	5.3549	A	0.7
7	☐	25000.000	26631.449	5715949.98	10.7412	A	0.2
8	☐	50000.000	52305.301	11231767.89	21.0921	A	0.6
9	☐	250000.00	249323.83	56397190.83	100.5234	A	1.1

$$y = 4.0317E-004 * x + 0.0043$$

$$R = 0.9999$$

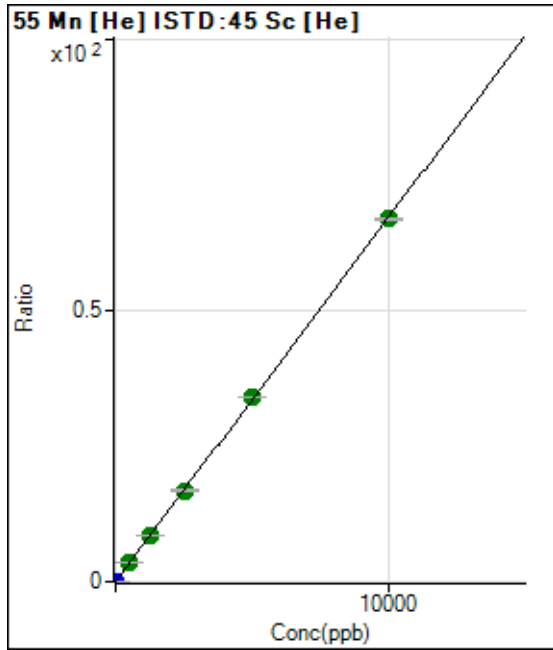
$$DL = 0.8355$$

$$BEC = 10.72$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.90	0.0005	P	4.2
2	☐	0.100	0.103	766.69	0.0012	P	6.9
3	☐	1.000	1.026	4860.84	0.0073	P	1.6
4	☐	500.000	524.580	2222992.42	3.5218	A	0.7
5	☐	1250.000	1250.241	4966512.49	8.3929	A	0.3
6	☐	2500.000	2499.680	9353947.84	16.7799	A	0.8
7	☐	5000.000	5075.549	18130753.06	34.0708	A	0.2
8	☐	10000.000	9961.046	35606662.52	66.8654	A	0.6
9	☐			17778.39	0.0317	P	2.1

$$y = 0.0067 * x + 4.6304E-004$$

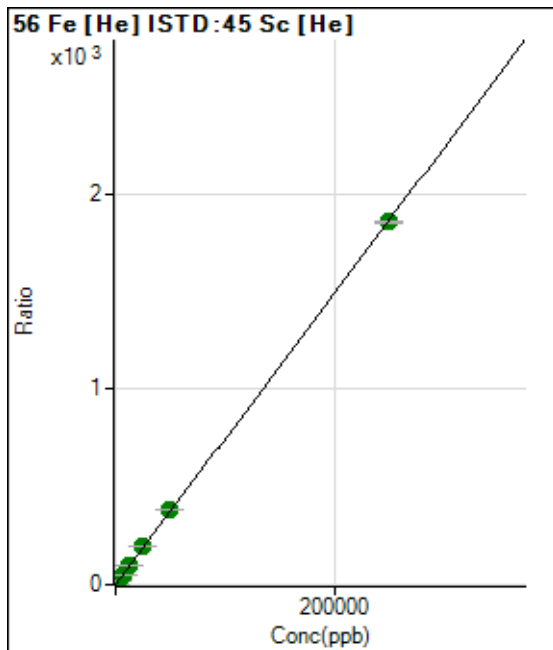
$$R = 1.0000$$

$$DL = 0.008717$$

$$BEC = 0.06898$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22232.51	0.0344	P	4.3
2	☐	5.000	5.397	49426.42	0.0746	P	1.0
3	☐	50.000	56.839	302444.68	0.4573	P	0.8
4	☐	2500.000	2738.558	12882686.06	20.4092	A	0.5
5	☐	6250.000	6539.674	28812218.46	48.6893	A	0.8
6	☐	12500.000	13053.310	54155524.75	97.1505	A	0.8
7	☐	25000.000	26397.411	104530290.66	196.4300	A	0.2
8	☐	50000.000	51639.044	204605159.17	384.2266	A	0.6
9	☐	250000.00	249495.15	1041461495.5	1,856.266	A	0.5

$$y = 0.0074 * x + 0.0344$$

$$R = 1.0000$$

$$DL = 0.5975$$

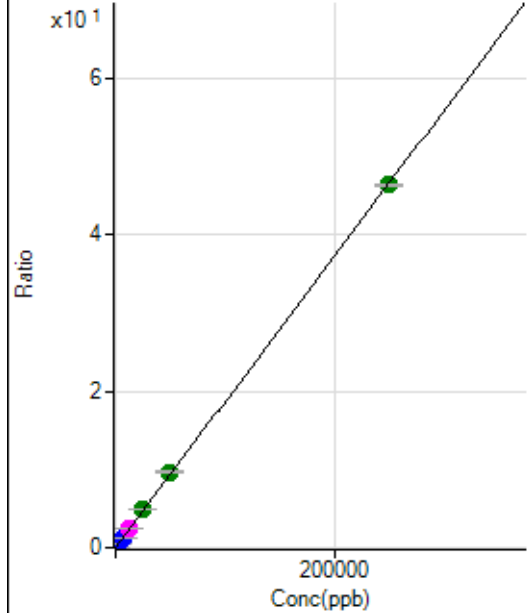
$$BEC = 4.63$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1251.18	0.0019	P	9.0
2	☐	5.000	5.894	2011.27	0.0030	P	2.8
3	☐	50.000	59.629	8619.21	0.0130	P	1.9
4	☐	2500.000	2760.566	325415.88	0.5155	P	0.3
5	☐	6250.000	6630.302	731126.96	1.2355	P	0.7
6	☐	12500.000	13143.018	1364264.79	2.4472	M	1.0
7	☐	25000.000	26401.124	2614896.75	4.9139	A	1.4
8	☐	50000.000	52063.484	5159103.78	9.6885	A	1.0
9	☐	250000.00	249402.92	26034667.94	46.4039	A	0.7

$$y = 1.8605E-004 * x + 0.0019$$

R = 1.0000

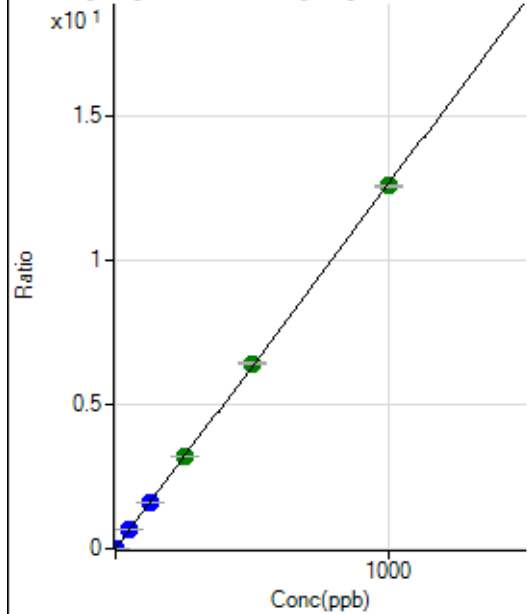
DL = 2.818

BEC = 10.42

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	188.89	0.0003	P	5.9
2	☐	0.100	0.114	1148.94	0.0017	P	5.1
3	☐	1.000	1.109	9478.62	0.0143	P	1.6
4	☐	50.000	52.047	416179.81	0.6593	P	0.2
5	☐	125.000	124.928	936261.50	1.5822	P	0.5
6	☐	250.000	253.930	1792536.28	3.2157	A	0.6
7	☐	500.000	508.380	3425744.18	6.4376	A	0.4
8	☐	1000.000	994.734	6707673.93	12.5960	A	0.2
9	☐			18787.40	0.0335	P	1.1

$$y = 0.0127 * x + 2.9251E-004$$

R = 0.9999

DL = 0.004093

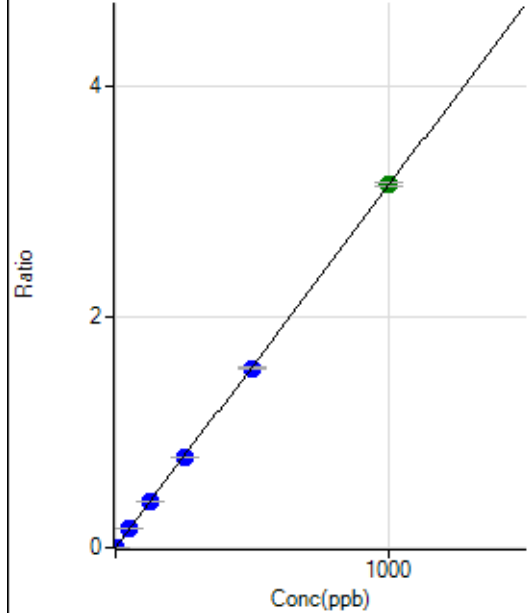
BEC = 0.0231

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	703.36	0.0011	P	3.5
2	☐	0.100	0.103	935.59	0.0014	P	7.0
3	☐	1.000	1.076	2958.09	0.0045	P	4.7
4	☐	50.000	53.742	107335.90	0.1700	P	0.3
5	☐	125.000	126.674	236310.45	0.3993	P	1.1
6	☐	250.000	250.143	438999.26	0.7875	P	0.2
7	☐	500.000	495.761	829990.76	1.5597	P	0.6
8	☐	1000.000	1001.688	1677536.08	3.1503	A	1.0
9	☐			8526.93	0.0152	P	2.9

$$y = 0.0031 * x + 0.0011$$

$$R = 1.0000$$

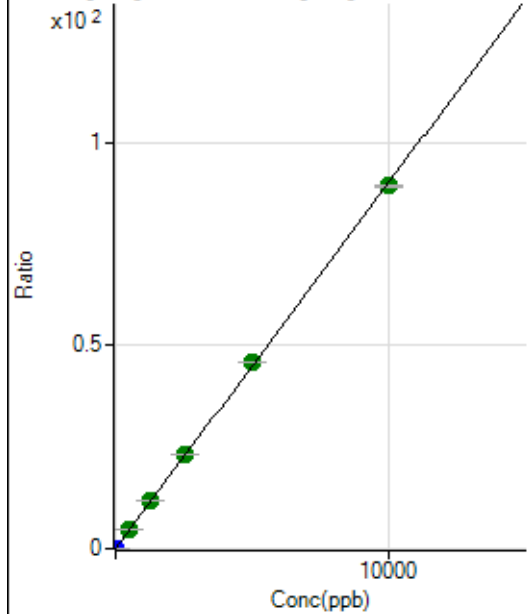
$$DL = 0.03677$$

$$BEC = 0.3465$$

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	1065.60	0.0017	P	4.9
2	☐	0.200	0.212	2357.99	0.0036	P	3.5
3	☐	2.000	2.057	13336.02	0.0202	P	2.1
4	☐	500.000	547.447	3112025.06	4.9300	A	0.9
5	☐	1250.000	1302.290	6938631.63	11.7254	A	1.1
6	☐	2500.000	2582.558	12961295.22	23.2510	A	0.2
7	☐	5000.000	5102.210	24443391.86	45.9340	A	0.9
8	☐	10000.000	9919.347	47553517.07	89.2999	A	0.5
9	☐			13069.13	0.0233	P	3.2

$$y = 0.0090 * x + 0.0017$$

$$R = 0.9999$$

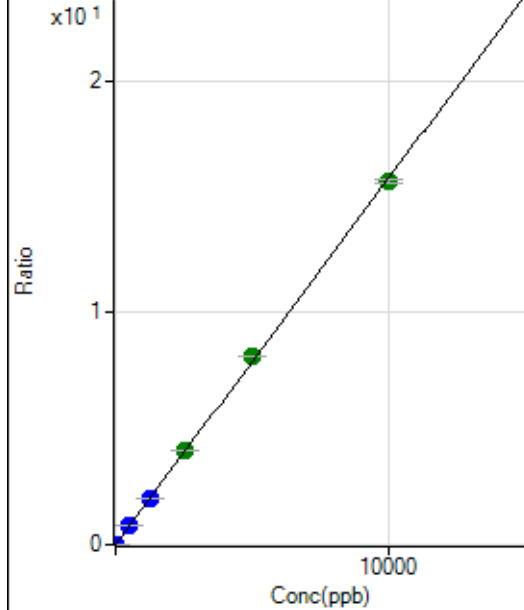
$$DL = 0.0271$$

$$BEC = 0.1833$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	140.00	0.0002	P	13.2
2	☐	0.500	0.574	743.36	0.0011	P	7.8
3	☐	5.000	5.336	5710.04	0.0086	P	2.7
4	☐	500.000	528.518	526441.51	0.8340	P	0.4
5	☐	1250.000	1272.121	1187758.65	2.0072	P	0.7
6	☐	2500.000	2576.441	2266001.88	4.0649	A	0.8
7	☐	5000.000	5144.881	4319431.15	8.1170	A	0.5
8	☐	10000.000	9904.258	8320622.79	15.6257	A	1.2
9	☐			12421.90	0.0221	P	1.5

$$y = 0.0016 * x + 2.1697E-004$$

$$R = 0.9998$$

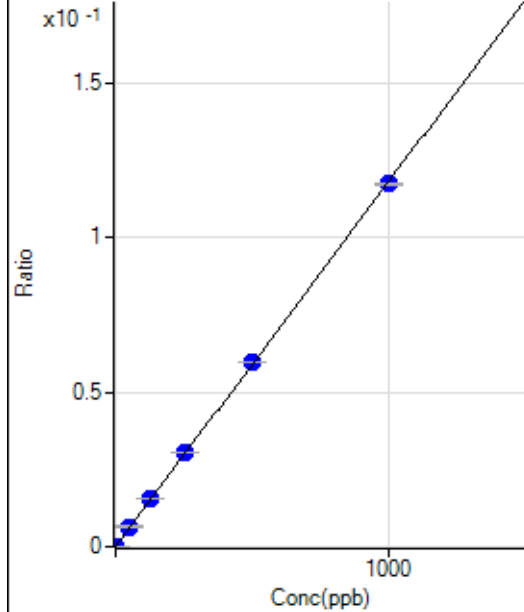
$$DL = 0.05436$$

$$BEC = 0.1375$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	38.2
2	☐	0.100	0.119	97.78	0.0000	P	17.7
3	☐	1.000	1.289	877.81	0.0002	P	9.8
4	☐	50.000	55.071	35509.08	0.0065	P	1.0
5	☐	125.000	130.570	80120.02	0.0154	P	0.7
6	☐	250.000	256.140	150999.93	0.0302	P	0.2
7	☐	500.000	505.745	288301.89	0.0596	P	0.4
8	☐	1000.000	994.642	567378.76	0.1172	P	0.8
9	☐			417.79	0.0001	P	14.5

$$y = 1.1787E-004 * x + 3.1965E-006$$

$$R = 0.9999$$

$$DL = 0.03112$$

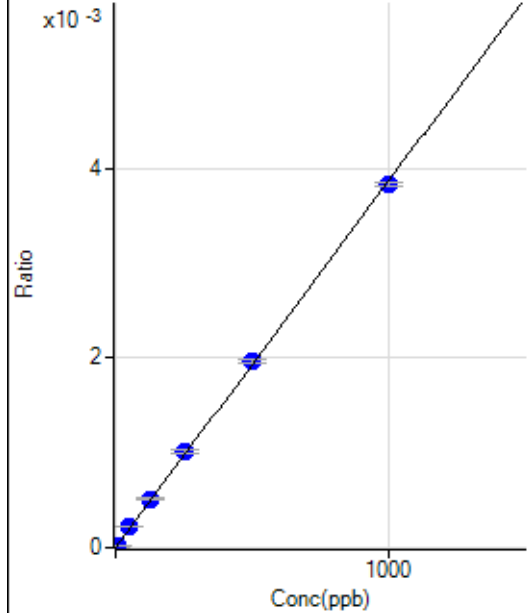
$$BEC = 0.02712$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.556	12.22	0.0000	P	63.1
3	☐	5.000	5.374	117.78	0.0000	P	20.2
4	☐	50.000	56.966	1204.51	0.0002	P	2.8
5	☐	125.000	132.175	2660.26	0.0005	P	2.8
6	☐	250.000	264.403	5113.15	0.0010	P	3.9
7	☐	500.000	510.585	9547.60	0.0020	P	1.9
8	☐	1000.000	989.859	18522.76	0.0038	P	1.2
9	☐			11.11	0.0000	P	18.4

$$y = 3.8668E-006 * x + 0.0000E+000$$

$$R = 0.9998$$

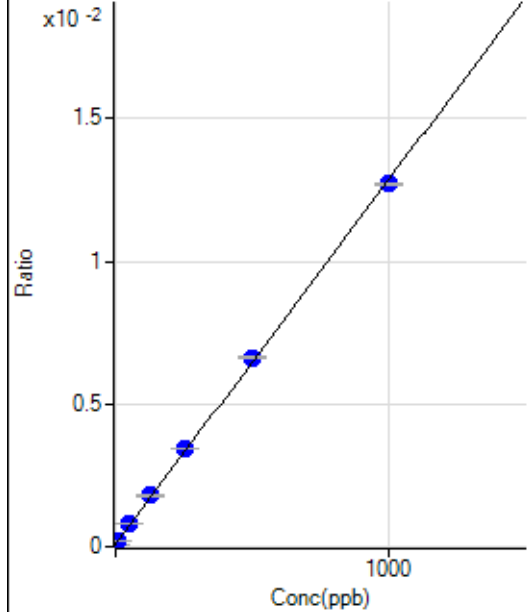
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	480.01	0.0001	P	6.0
2	☐	0.500	0.558	533.35	0.0001	P	9.2
3	☐	5.000	6.664	971.15	0.0002	P	3.4
4	☐	50.000	56.067	4386.25	0.0008	P	3.5
5	☐	125.000	133.522	9321.91	0.0018	P	2.7
6	☐	250.000	262.317	17178.96	0.0034	P	1.3
7	☐	500.000	512.337	32046.94	0.0066	P	1.3
8	☐	1000.000	989.375	61539.44	0.0127	P	0.3
9	☐			396.68	0.0001	P	6.2

$$y = 1.2766E-005 * x + 8.6545E-005$$

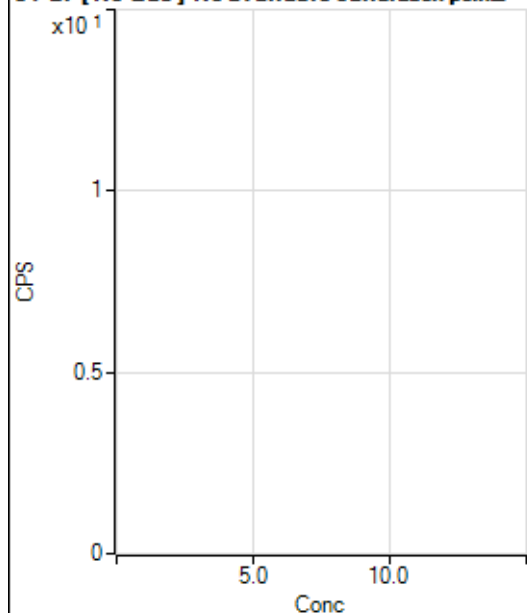
$$R = 0.9998$$

$$DL = 1.227$$

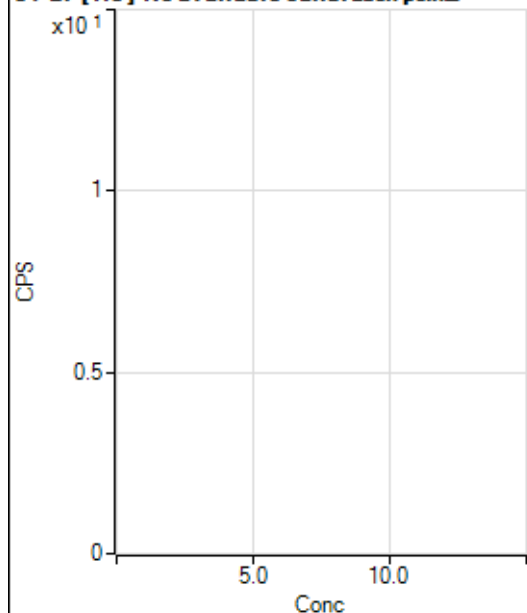
$$BEC = 6.78$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

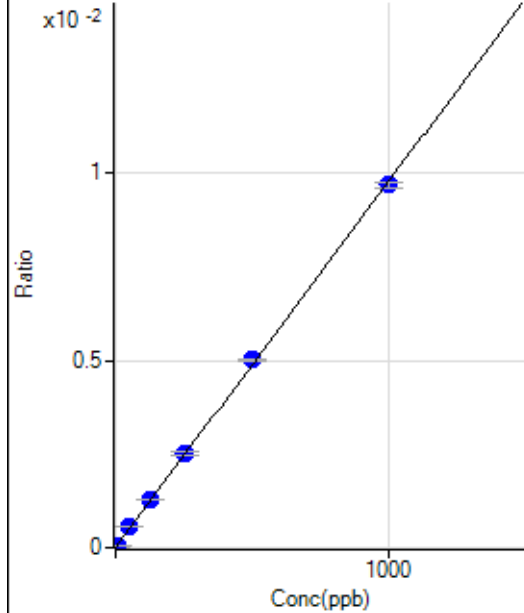
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15062.23		P	1.6
2	☐			15345.84		P	1.6
3	☐			15670.65		P	1.7
4	☐			15181.25		P	0.5
5	☐			13928.90		P	1.5
6	☐			12653.29		P	2.7
7	☐			12188.50		P	2.8
8	☐			12041.66		P	3.3
9	☐			12793.40		P	2.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			215.56		P	9.4
2	☐			172.22		P	15.5
3	☐			181.11		P	6.5
4	☐			115.56		P	6.7
5	☐			146.67		P	12.7
6	☐			113.34		P	11.8
7	☐			105.56		P	6.6
8	☐			117.78		P	18.4
9	☐			150.00		P	6.7

Calibration for 007CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.11	0.0000	P	34.4
2	☐	0.500	0.495	225.03	0.0000	P	16.6
3	☐	5.000	5.531	1206.07	0.0001	P	2.4
4	☐	50.000	55.587	10741.72	0.0005	P	1.6
5	☐	125.000	130.733	24327.75	0.0013	P	1.0
6	☐	250.000	256.833	46607.64	0.0025	P	2.3
7	☐	500.000	512.033	88660.58	0.0050	P	0.6
8	☐	1000.000	991.276	170051.01	0.0097	P	1.4
9	☐			330.86	0.0000	P	11.7

$$y = 9.7592E-006 * x + 6.6943E-006$$

$$R = 0.9999$$

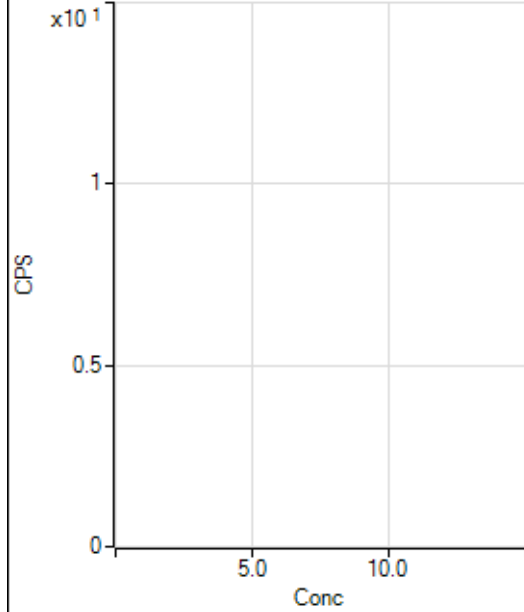
$$DL = 0.707$$

$$BEC = 0.6859$$

Weight: <None>

Min Conc: 0

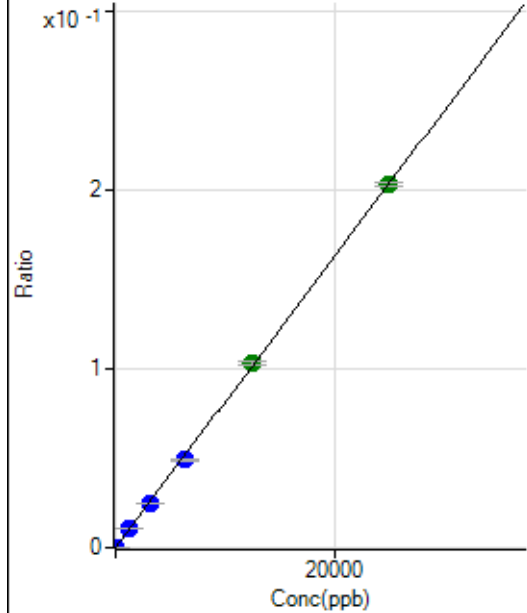
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			223.34		P	10.8
2	☐			222.23		P	18.9
3	☐			204.45		P	7.5
4	☐			206.67		P	4.8
5	☐			201.12		P	7.8
6	☐			193.34		P	18.6
7	☐			208.89		P	6.0
8	☐			201.11		P	4.2
9	☐			187.78		P	12.1

Calibration for 007CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.90	0.0000	P	4.0
2	☐	0.100	2.759	781.14	0.0000	P	7.2
3	☐	1.000	26.769	4671.90	0.0002	P	3.3
4	☐	1250.000	1281.439	203841.85	0.0104	P	0.5
5	☐	3125.000	3079.156	474498.56	0.0250	P	1.3
6	☐	6250.000	6033.531	908725.79	0.0490	P	2.5
7	☐	12500.000	12682.843	1824843.76	0.1030	A	1.7
8	☐	25000.000	24966.853	3560924.22	0.2027	A	1.0
9	☐			10625.02	0.0006	P	3.2

$$y = 8.1187\text{E-}006 * x + 1.7704\text{E-}005$$

$$R = 0.9999$$

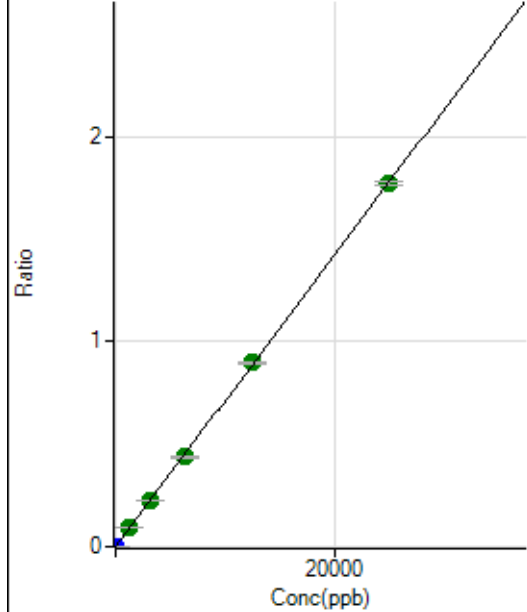
$$DL = 0.2636$$

$$BEC = 2.181$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	6.0
2	☐	0.100	2.700	3909.44	0.0002	P	4.1
3	☐	1.000	26.423	37441.99	0.0019	P	0.8
4	☐	1250.000	1324.294	1837975.23	0.0940	A	0.6
5	☐	3125.000	3162.338	4255951.60	0.2244	A	0.1
6	☐	6250.000	6206.273	8166355.02	0.4403	A	2.1
7	☐	12500.000	12625.745	15872532.68	0.8958	A	0.3
8	☐	25000.000	24939.676	31082017.87	1.7694	A	1.2
9	☐			90339.52	0.0052	P	0.6

$$y = 7.0949\text{E-}005 * x + 8.9976\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02283$$

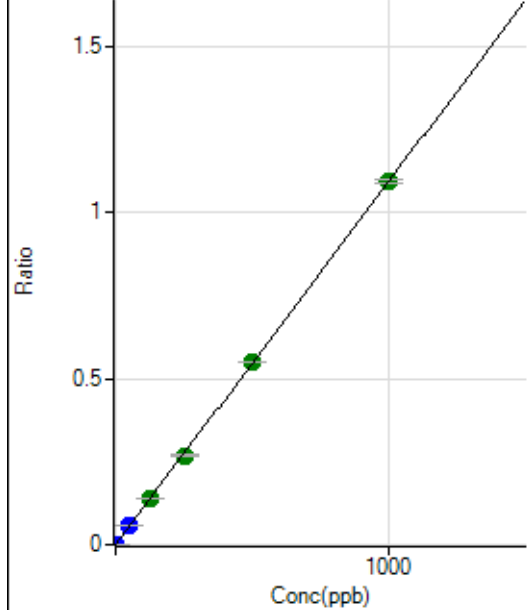
$$BEC = 0.1268$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	760.03	0.0000	P	2.5
2	☐	0.100	0.099	2881.42	0.0001	P	4.5
3	☐	1.000	1.006	22633.09	0.0011	P	1.4
4	☐	50.000	50.913	1088818.01	0.0557	P	0.4
5	☐	125.000	126.609	2624576.38	0.1384	A	0.5
6	☐	250.000	245.835	4982031.39	0.2686	A	2.0
7	☐	500.000	501.586	9710805.20	0.5480	A	0.3
8	☐	1000.000	1000.001	19192261.24	1.0926	A	1.2
9	☐			13167.14	0.0008	P	4.6

$$y = 0.0011 * x + 3.9703E-005$$

$$R = 1.0000$$

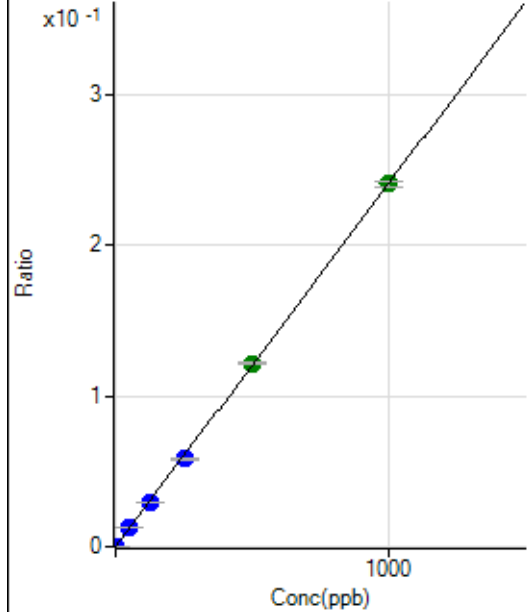
$$DL = 0.002694$$

$$BEC = 0.03634$$

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	126.67	0.0000	P	24.9
2	☐	0.100	0.096	581.13	0.0000	P	2.0
3	☐	1.000	1.022	5018.68	0.0003	P	5.4
4	☐	50.000	51.268	241492.26	0.0123	P	0.7
5	☐	125.000	122.685	560223.44	0.0295	P	0.7
6	☐	250.000	242.099	1080634.37	0.0583	P	3.1
7	☐	500.000	504.722	2152566.90	0.1215	A	1.5
8	☐	1000.000	999.840	4227267.54	0.2407	A	1.7
9	☐			2791.40	0.0002	P	5.2

$$y = 2.4069E-004 * x + 6.6150E-006$$

$$R = 0.9999$$

$$DL = 0.02055$$

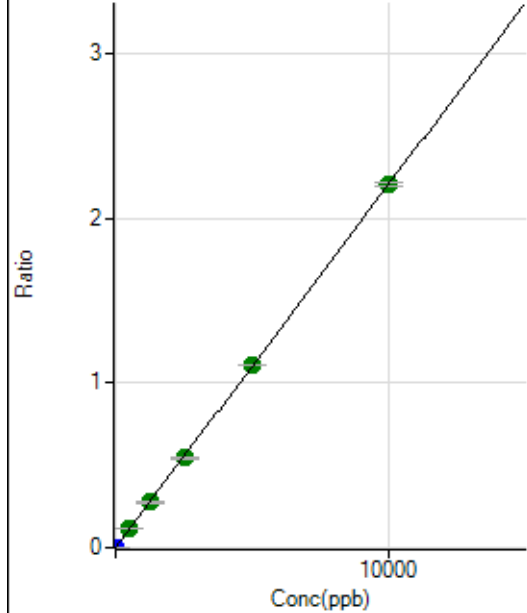
$$BEC = 0.02748$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.01	0.0000	P	15.3
2	☐	0.500	0.609	3015.89	0.0002	P	6.1
3	☐	5.000	6.149	27363.36	0.0014	P	3.7
4	☐	500.000	523.991	2261657.52	0.1156	A	0.9
5	☐	1250.000	1254.806	5251022.63	0.2769	A	2.3
6	☐	2500.000	2473.846	10123121.65	0.5458	A	1.3
7	☐	5000.000	5027.129	19651728.74	1.1091	A	0.3
8	☐	10000.000	9991.173	38720346.92	2.2042	A	0.9
9	☐			12097.38	0.0007	P	11.9

$$y = 2.2062E-004 * x + 2.0369E-005$$

$$R = 1.0000$$

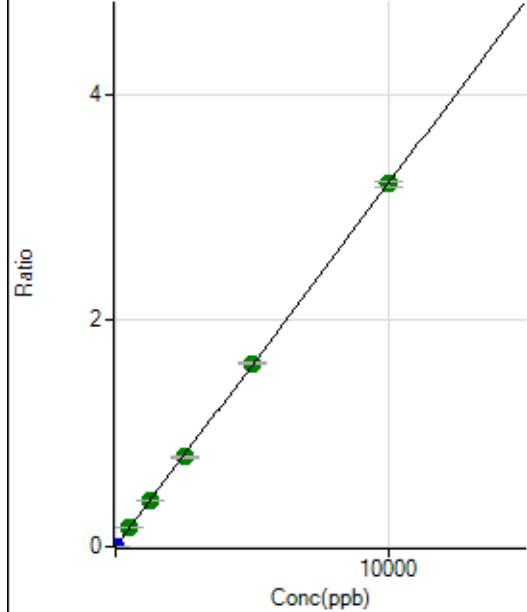
$$DL = 0.04246$$

$$BEC = 0.09233$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	318.90	0.0000	P	1.3
2	☐	0.500	0.525	3606.03	0.0002	P	4.5
3	☐	5.000	5.226	33675.34	0.0017	P	0.7
4	☐	500.000	524.469	3293095.16	0.1684	A	0.9
5	☐	1250.000	1258.452	7661587.39	0.4039	A	2.2
6	☐	2500.000	2472.500	14716919.36	0.7936	A	2.7
7	☐	5000.000	5036.321	28642513.46	1.6165	A	0.8
8	☐	10000.000	9986.434	56303797.49	3.2053	A	1.5
9	☐			12276.48	0.0007	P	18.0

$$y = 3.2097E-004 * x + 1.6659E-005$$

$$R = 1.0000$$

$$DL = 0.002052$$

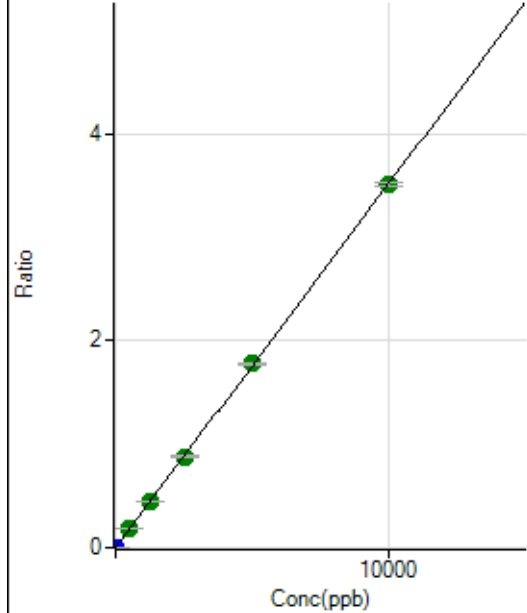
$$BEC = 0.0519$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	337.79	0.0000	P	6.3
2	☐	0.500	0.543	4060.61	0.0002	P	3.0
3	☐	5.000	5.298	37348.67	0.0019	P	0.5
4	☐	500.000	523.928	3600655.95	0.1841	A	0.1
5	☐	1250.000	1262.685	8414235.43	0.4436	A	1.2
6	☐	2500.000	2491.000	16229252.26	0.8751	A	2.5
7	☐	5000.000	5052.181	31448899.53	1.7749	A	0.8
8	☐	10000.000	9973.377	61547509.08	3.5038	A	1.1
9	☐			22724.62	0.0013	P	10.3

$$y = 3.5131E-004 * x + 1.7649E-005$$

$$R = 1.0000$$

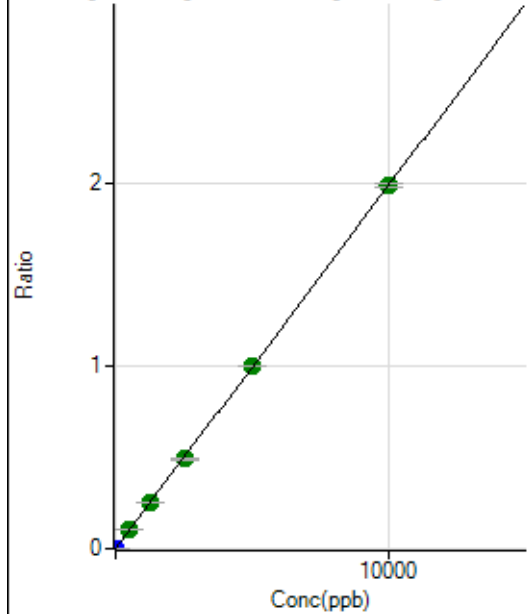
$$DL = 0.009566$$

$$BEC = 0.05024$$

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	170.00	0.0000	P	9.4
2	☐	0.500	0.537	2255.76	0.0001	P	8.4
3	☐	5.000	5.284	21093.05	0.0011	P	0.5
4	☐	500.000	529.357	2061978.77	0.1054	A	1.0
5	☐	1250.000	1263.312	4771668.61	0.2516	A	1.5
6	☐	2500.000	2480.353	9159854.38	0.4939	A	2.3
7	☐	5000.000	5025.822	17733017.93	1.0008	A	0.8
8	☐	10000.000	9988.869	34940929.48	1.9891	A	1.0
9	☐			7727.74	0.0004	P	19.5

$$y = 1.9913E-004 * x + 8.8790E-006$$

$$R = 1.0000$$

$$DL = 0.01258$$

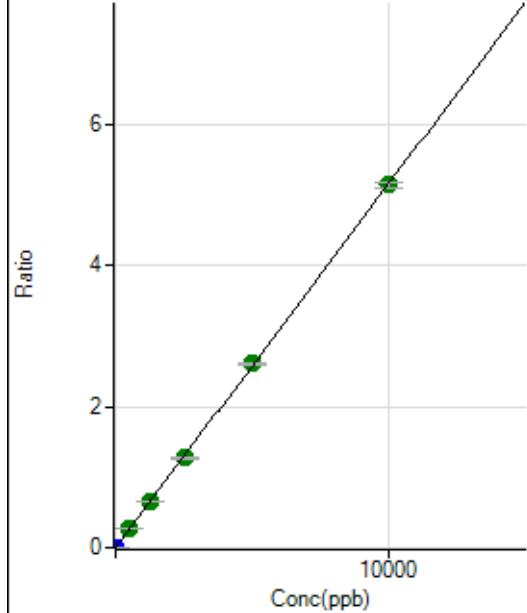
$$BEC = 0.04459$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	437.79	0.0000	P	7.2
2	☐	0.500	0.514	5601.12	0.0003	P	7.2
3	☐	5.000	5.182	53485.15	0.0027	P	1.5
4	☐	500.000	522.089	5258753.95	0.2689	A	0.3
5	☐	1250.000	1260.302	12309158.98	0.6490	A	1.3
6	☐	2500.000	2468.158	23570447.42	1.2709	A	1.9
7	☐	5000.000	5059.826	46163832.64	2.6054	A	0.5
8	☐	10000.000	9975.655	90228163.10	5.1366	A	1.4
9	☐			18877.12	0.0011	P	19.8

$$y = 5.1491\text{E-}004 * x + 2.2875\text{E-}005$$

$$R = 1.0000$$

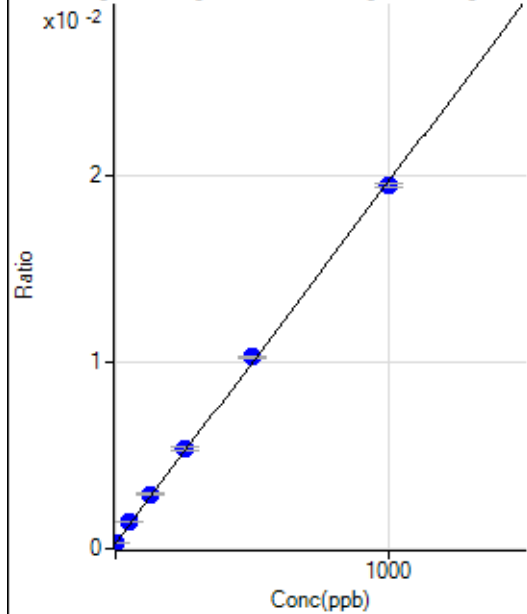
$$DL = 0.009657$$

$$BEC = 0.04443$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4468.51	0.0003	P	4.6
2	☐	0.100	0.543	4685.24	0.0003	P	3.4
3	☐	1.000	1.796	5118.73	0.0003	P	0.9
4	☐	50.000	59.153	22834.71	0.0014	P	0.9
5	☐	125.000	136.134	46112.88	0.0029	P	2.2
6	☐	250.000	259.694	84186.68	0.0053	P	3.6
7	☐	500.000	514.525	157600.88	0.0102	P	1.2
8	☐	1000.000	988.464	298756.06	0.0194	P	1.0
9	☐			4344.02	0.0003	P	4.2

$$y = 1.9338\text{E-}005 * x + 2.8719\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.049$$

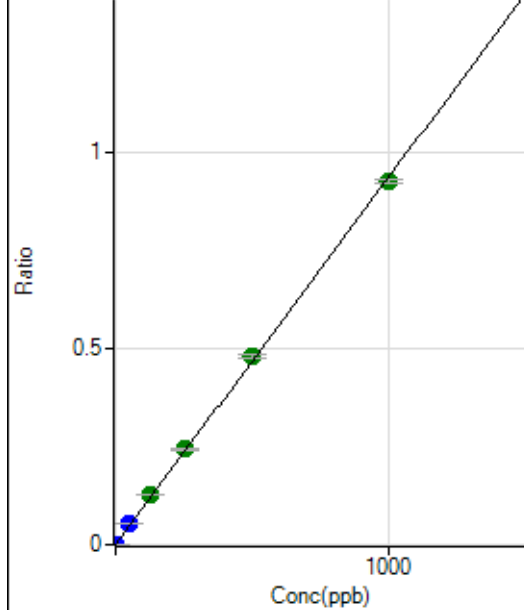
$$BEC = 14.85$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0000	P	16.3
2	☐	0.100	0.105	1659.00	0.0001	P	5.2
3	☐	1.000	1.123	16857.64	0.0011	P	1.0
4	☐	50.000	57.252	856641.86	0.0537	P	1.6
5	☐	125.000	136.974	2028947.02	0.1285	A	1.0
6	☐	250.000	260.603	3875975.11	0.2444	A	2.3
7	☐	500.000	514.580	7428867.81	0.4826	A	1.5
8	☐	1000.000	988.200	14269480.48	0.9267	A	0.9
9	☐			3158.16	0.0002	P	18.6

$$y = 9.3776E-004 * x + 6.8540E-006$$

$$R = 0.9997$$

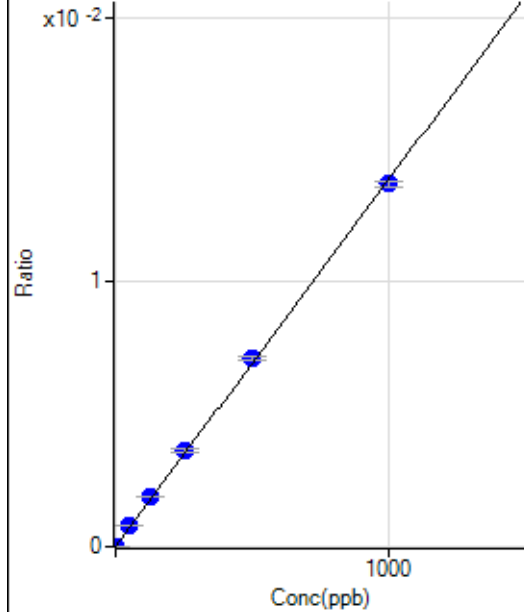
$$DL = 0.003564$$

$$BEC = 0.007309$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	63.2
2	☐	0.100	0.135	42.22	0.0000	P	36.8
3	☐	1.000	1.224	282.23	0.0000	P	6.6
4	☐	50.000	57.519	12729.00	0.0008	P	1.7
5	☐	125.000	135.482	29665.91	0.0019	P	1.2
6	☐	250.000	261.462	57472.02	0.0036	P	3.1
7	☐	500.000	513.443	109550.61	0.0071	P	1.2
8	☐	1000.000	988.727	210984.02	0.0137	P	1.4
9	☐			115.56	0.0000	P	25.1

$$y = 1.3858E-005 * x + 7.8736E-007$$

$$R = 0.9998$$

$$DL = 0.1077$$

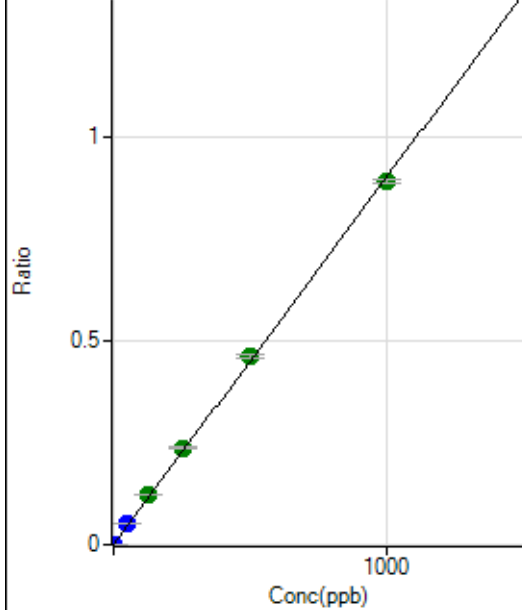
$$BEC = 0.05682$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0000	P	12.4
2	☐	0.100	0.109	1595.66	0.0001	P	6.5
3	☐	1.000	1.120	16076.79	0.0010	P	2.5
4	☐	50.000	57.035	818884.30	0.0513	P	1.4
5	☐	125.000	137.415	1953302.37	0.1237	A	0.6
6	☐	250.000	262.246	3743080.84	0.2360	A	1.9
7	☐	500.000	514.504	7127618.85	0.4630	A	1.7
8	☐	1000.000	987.783	13687033.41	0.8889	A	1.1
9	☐			2889.21	0.0002	P	16.3

$$y = 8.9987E-004 * x + 3.4277E-006$$

$$R = 0.9997$$

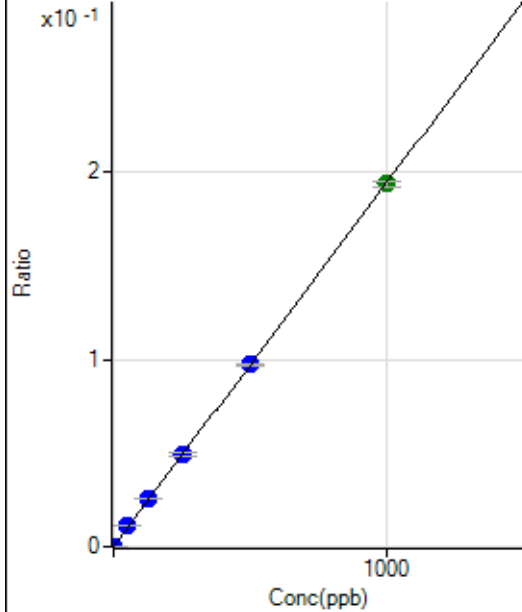
$$DL = 0.001412$$

$$BEC = 0.003809$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	908.54	0.0001	P	4.3
2	☒	0.100					
3	☐	1.000	1.207	4656.84	0.0003	P	3.7
4	☐	50.000	55.666	173452.76	0.0109	P	1.3
5	☐	125.000	131.168	403367.50	0.0255	P	1.0
6	☐	250.000	252.794	779696.24	0.0492	P	2.8
7	☐	500.000	501.229	1499847.72	0.0974	P	1.2
8	☐	1000.000	997.632	2984858.91	0.1939	A	1.7
9	☐			1480.90	0.0001	P	3.7

$$y = 1.9425E-004 * x + 5.8391E-005$$

$$R = 1.0000$$

$$DL = 0.03846$$

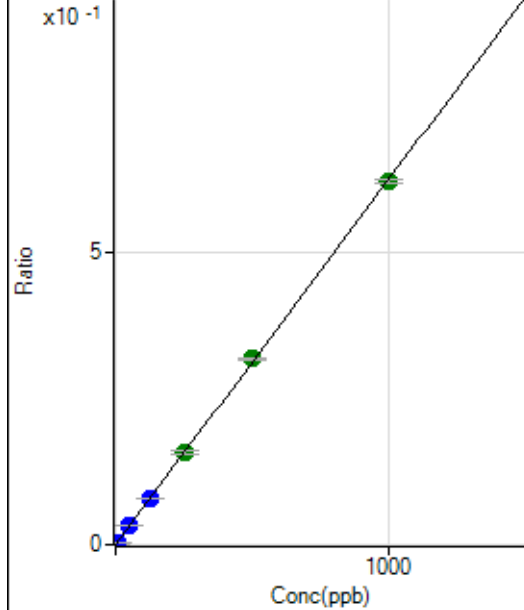
$$BEC = 0.3006$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1097.83	0.0001	P	8.2
2	☐	0.500	0.587	6862.80	0.0004	P	3.6
3	☐	5.000	5.630	56876.25	0.0036	P	1.4
4	☐	50.000	53.915	536854.94	0.0337	P	1.7
5	☐	125.000	127.357	1253960.40	0.0794	P	1.2
6	☐	250.000	253.205	2502186.02	0.1578	A	2.6
7	☐	500.000	509.587	4887453.29	0.3175	A	1.0
8	☐	1000.000	993.911	9533235.55	0.6191	A	0.9
9	☐			3757.20	0.0003	P	11.4

$$y = 6.2284E-004 * x + 7.0562E-005$$

$$R = 0.9999$$

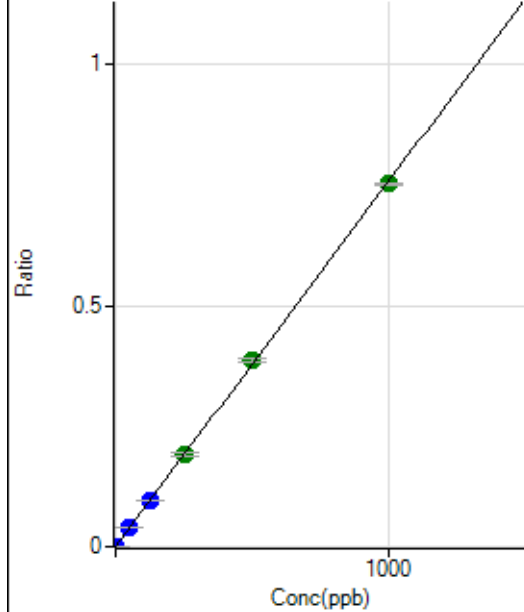
$$DL = 0.0279$$

$$BEC = 0.1133$$

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	58.89	0.0000	P	32.7
2	☐	0.200	0.230	2793.63	0.0002	P	4.9
3	☐	2.000	2.196	26491.13	0.0017	P	2.7
4	☐	50.000	53.243	643034.95	0.0403	P	1.3
5	☐	125.000	125.903	1505247.63	0.0953	P	1.1
6	☐	250.000	252.216	3027480.89	0.1909	A	3.0
7	☐	500.000	511.438	5959692.06	0.3871	A	1.3
8	☐	1000.000	993.452	11578969.83	0.7520	A	0.8
9	☐			7479.80	0.0005	P	7.5

$$y = 7.5692E-004 * x + 3.7892E-006$$

$$R = 0.9999$$

$$DL = 0.004907$$

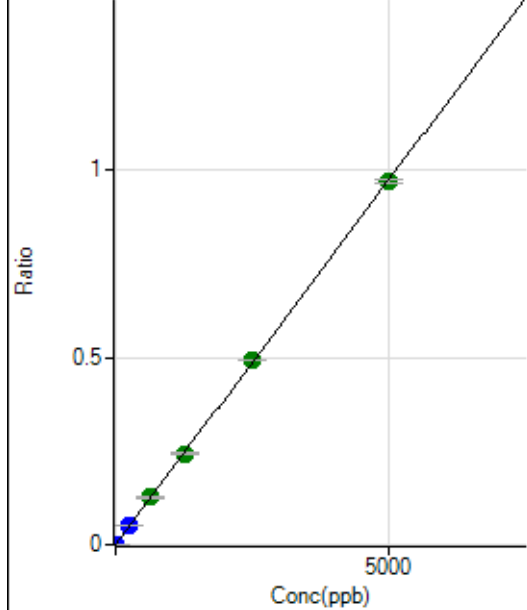
$$BEC = 0.005006$$

Weight: <None>

Min Conc: 0

Calibration for 007CAL5.d

135 Ba [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	14.2
2	☐	1.000	1.084	3374.88	0.0002	P	3.5
3	☐	10.000	10.794	33414.73	0.0021	P	1.3
4	☐	250.000	260.679	808272.92	0.0507	P	1.4
5	☐	625.000	650.969	1998007.89	0.1265	A	1.8
6	☐	1250.000	1252.202	3859527.72	0.2433	A	2.3
7	☐	2500.000	2533.003	7578306.69	0.4922	A	0.9
8	☐	5000.000	4979.166	14899351.44	0.9676	A	1.1
9	☐			6926.21	0.0005	P	6.6

$$y = 1.9433E-004 * x + 3.9300E-006$$

$$R = 1.0000$$

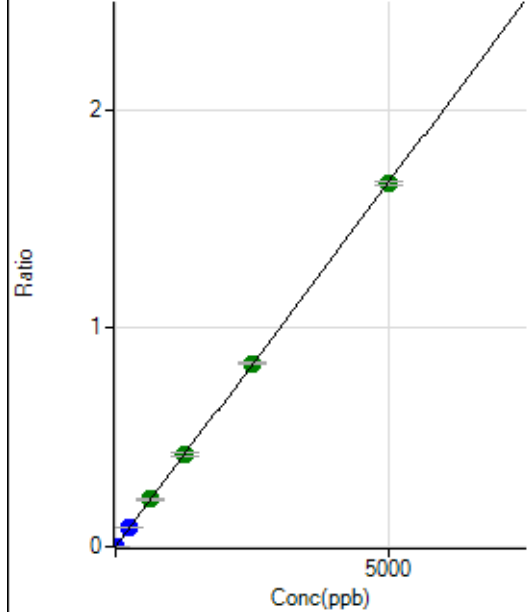
$$DL = 0.008637$$

$$BEC = 0.02022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84.44	0.0000	P	28.9
2	☐	1.000	1.085	5779.00	0.0004	P	3.2
3	☐	10.000	10.813	57454.18	0.0036	P	1.2
4	☐	250.000	264.606	1408703.85	0.0883	P	1.6
5	☐	625.000	649.624	3423782.59	0.2168	A	1.0
6	☐	1250.000	1267.009	6704716.15	0.4228	A	2.7
7	☐	2500.000	2521.405	12952608.97	0.8413	A	1.0
8	☐	5000.000	4981.236	25593497.40	1.6621	A	1.2
9	☐			12198.69	0.0008	P	6.0

$$y = 3.3368E-004 * x + 5.4260E-006$$

$$R = 1.0000$$

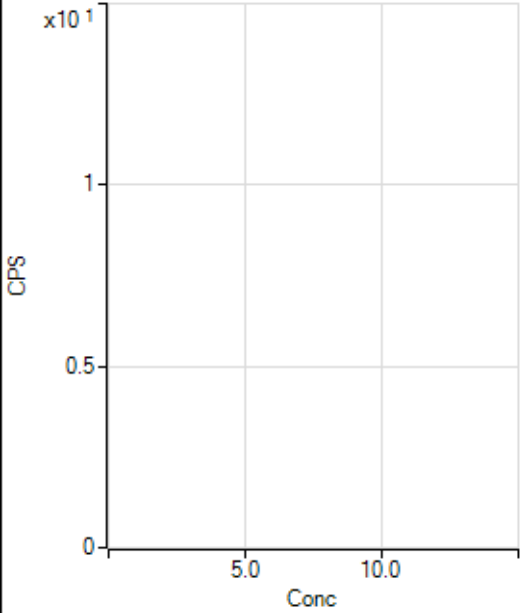
$$DL = 0.0141$$

$$BEC = 0.01626$$

Weight: <None>

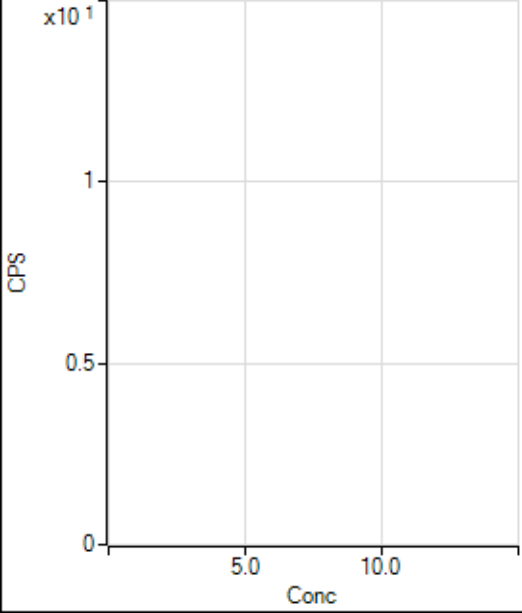
Min Conc: 0

150 Nd [No Gas] No available calibration points

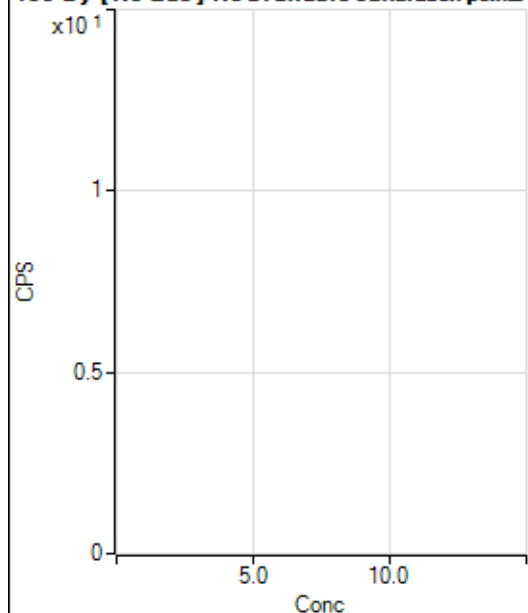


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			10.00		P	33.3
3	☐			5.56		P	34.7
4	☐			54.44		P	31.4
5	☐			98.89		P	10.3
6	☐			206.67		P	14.8
7	☐			392.23		P	1.3
8	☐			751.14		P	3.8
9	☐			260.00		P	20.1

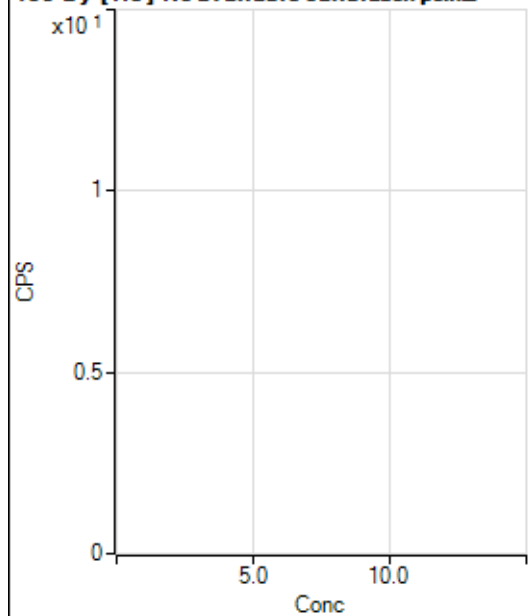
150 Nd [He] No available calibration points



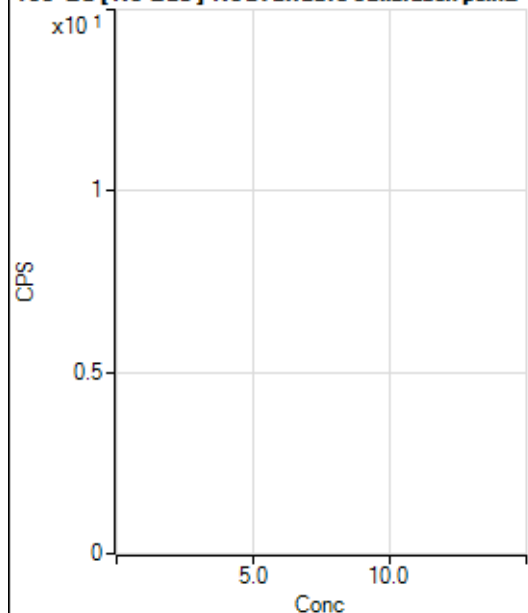
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	0.0
3	☐			3.33		P	100.
4	☐			15.55		P	44.6
5	☐			27.78		P	25.0
6	☐			62.22		P	30.5
7	☐			103.33		P	11.6
8	☐			202.22		P	6.7
9	☐			131.11		P	16.5

156 Dy [No Gas] No available calibration points

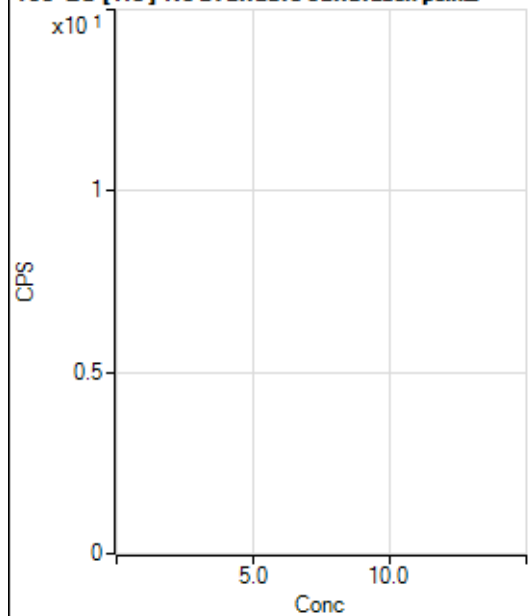
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			10.00		P	66.7
3	☐			15.56		P	49.5
4	☐			30.00		P	80.1
5	☐			52.22		P	43.4
6	☐			70.00		P	29.7
7	☐			133.33		P	8.7
8	☐			240.01		P	7.2
9	☐			395.57		P	9.3

156 Dy [He] No available calibration points

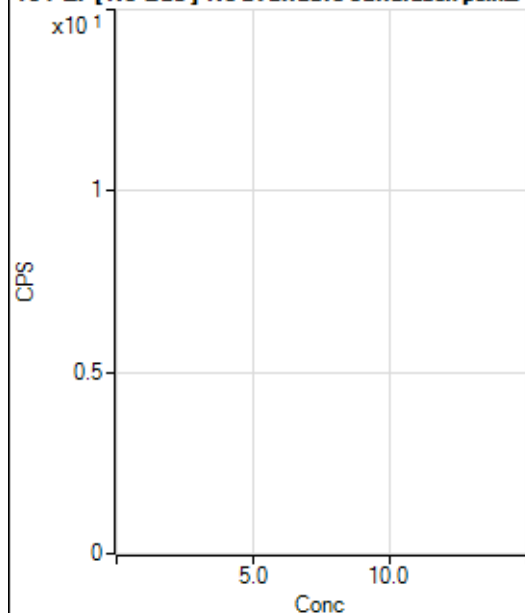
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			6.67		P	100.
3	☐			5.56		P	91.6
4	☐			47.78		P	34.4
5	☐			116.67		P	14.8
6	☐			208.89		P	13.0
7	☐			408.90		P	11.6
8	☐			797.81		P	9.3
9	☐			406.68		P	9.8

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

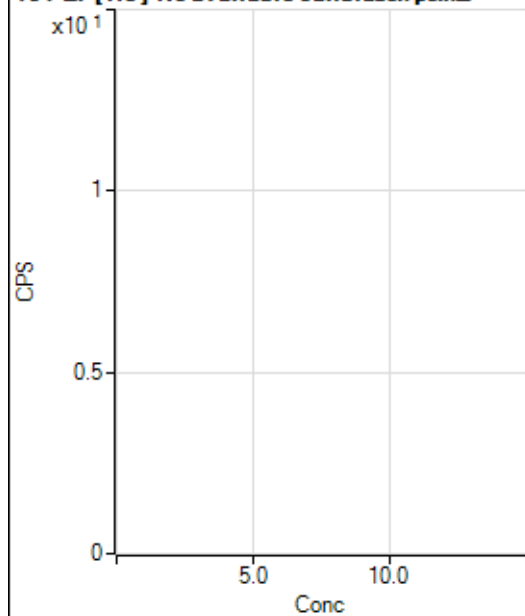
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	43.4
2	☐			51.11		P	32.2
3	☐			58.89		P	34.6
4	☐			58.89		P	13.1
5	☐			75.56		P	29.4
6	☐			82.22		P	18.7
7	☐			130.00		P	2.6
8	☐			192.22		P	5.6
9	☐			470.01		P	12.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			686.69		P	3.7
2	☐			704.47		P	5.0
3	☐			724.47		P	7.9
4	☐			727.80		P	9.4
5	☐			665.58		P	11.0
6	☐			684.47		P	6.2
7	☐			705.58		P	12.2
8	☐			756.70		P	7.5
9	☐			900.04		P	6.1

164 Er [No Gas] No available calibration points

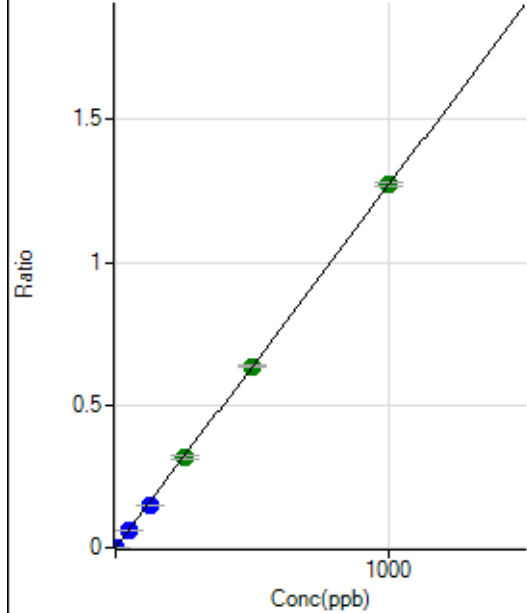
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			70.00		P	24.7
2	☐			75.56		P	6.7
3	☐			62.22		P	29.5
4	☐			67.78		P	10.2
5	☐			97.78		P	24.2
6	☐			105.56		P	23.7
7	☐			152.23		P	29.9
8	☐			225.56		P	10.5
9	☐			447.79		P	9.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	5.5
2	☐			51.11		P	16.4
3	☐			47.78		P	17.6
4	☐			63.33		P	29.3
5	☐			66.67		P	8.7
6	☐			75.56		P	24.3
7	☐			98.89		P	28.1
8	☐			186.67		P	20.6
9	☐			387.79		P	9.9

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	395.57	0.0000	P	9.2
2	☐	0.100	0.095	1524.55	0.0002	P	6.0
3	☐	1.000	1.020	12433.56	0.0013	P	2.5
4	☐	50.000	49.783	590322.23	0.0632	P	1.3
5	☐	125.000	118.446	1423239.77	0.1504	P	0.6
6	☐	250.000	248.266	2989412.32	0.3152	A	3.4
7	☐	500.000	500.133	5898253.52	0.6350	A	1.6
8	☐	1000.000	1001.197	11578462.33	1.2711	A	0.9
9	☐			2276.88	0.0003	P	14.8

$$y = 0.0013 * x + 4.3369E-005$$

$$R = 1.0000$$

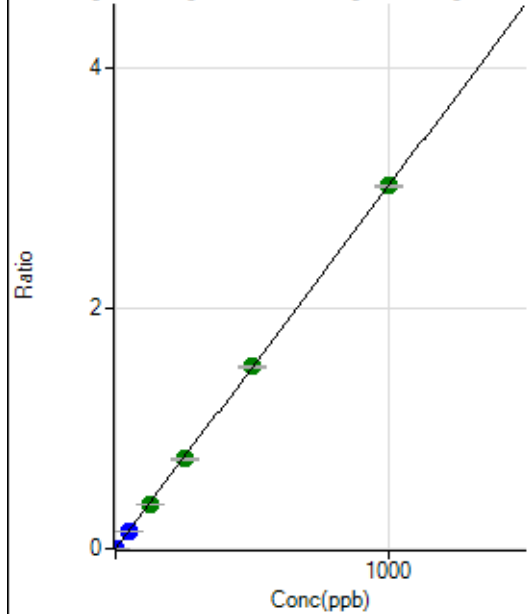
$$DL = 0.009428$$

$$BEC = 0.03416$$

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	864.48	0.0001	P	9.1
2	☐	0.100	0.095	3551.61	0.0004	P	4.1
3	☐	1.000	1.008	29083.37	0.0031	P	2.8
4	☐	50.000	49.564	1395092.85	0.1495	P	1.5
5	☐	125.000	124.447	3549665.16	0.3751	A	0.0
6	☐	250.000	247.666	7080289.27	0.7465	A	2.2
7	☐	500.000	501.158	14030133.68	1.5104	A	1.5
8	☐	1000.000	1000.096	27455589.59	3.0141	A	0.6
9	☐			5522.33	0.0007	P	18.3

$$y = 0.0030 * x + 9.4699E-005$$

$$R = 1.0000$$

$$DL = 0.008625$$

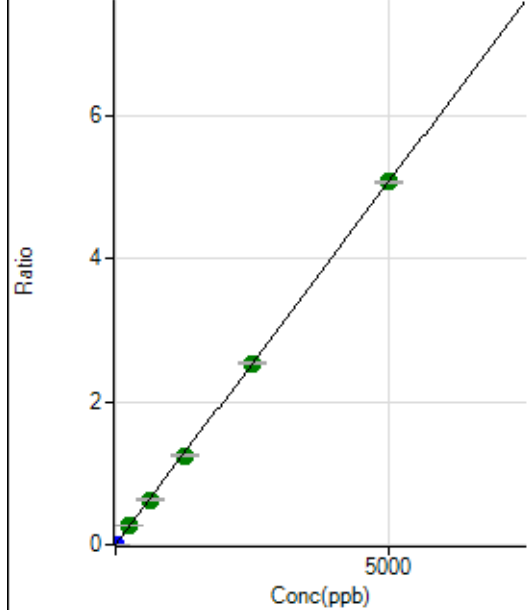
$$BEC = 0.03142$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.12	0.0000	P	9.7
2	☐	0.100	0.100	1360.09	0.0001	P	4.1
3	☐	1.000	1.008	9913.71	0.0011	P	2.7
4	☐	250.000	257.012	2434297.04	0.2608	A	1.9
5	☐	625.000	621.995	5972004.91	0.6311	A	0.9
6	☐	1250.000	1229.380	11829927.74	1.2474	A	2.9
7	☐	2500.000	2504.016	23599451.59	2.5406	A	1.4
8	☐	5000.000	5003.172	46239107.09	5.0762	A	0.5
9	☐			15381.10	0.0019	P	8.7

$$y = 0.0010 * x + 4.5071E-005$$

$$R = 1.0000$$

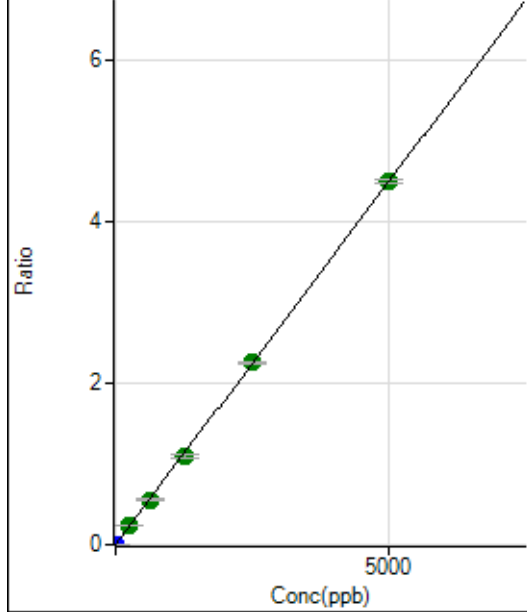
$$DL = 0.01288$$

$$BEC = 0.04442$$

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	356.68	0.0000	P	7.6
2	☐	0.100	0.097	1174.51	0.0001	P	2.3
3	☐	1.000	1.006	8755.12	0.0009	P	0.9
4	☐	250.000	257.651	2160061.16	0.2314	A	1.0
5	☐	625.000	621.403	5280202.87	0.5580	A	1.0
6	☐	1250.000	1226.407	10443915.47	1.1013	A	3.5
7	☐	2500.000	2507.652	20917200.10	2.2518	A	0.9
8	☐	5000.000	5002.139	40914903.56	4.4917	A	0.9
9	☐			13330.02	0.0016	P	9.7

$$y = 8.9795E-004 * x + 3.9078E-005$$

$$R = 1.0000$$

$$DL = 0.009932$$

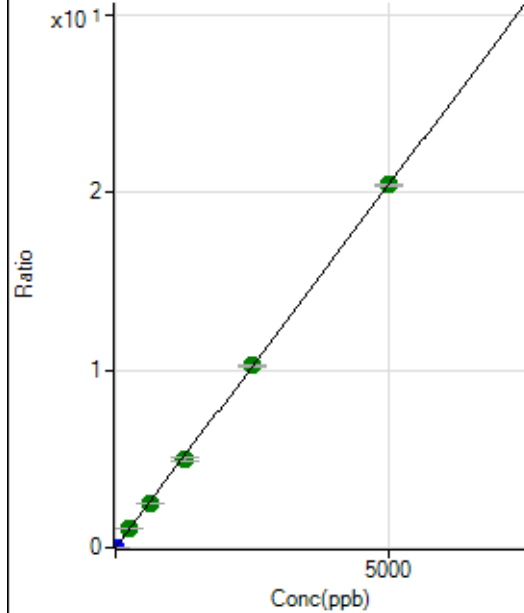
$$BEC = 0.04352$$

Weight: <None>

Min Conc: 0

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1564.50	0.0002	P	3.1
2	☐	0.100	0.099	5344.92	0.0006	P	3.4
3	☐	1.000	1.000	39520.50	0.0043	P	2.7
4	☐	250.000	258.686	9867020.25	1.0571	A	1.0
5	☐	625.000	621.631	24033379.12	2.5399	A	0.3
6	☐	1250.000	1224.413	47443249.78	5.0026	A	3.2
7	☐	2500.000	2508.946	95220971.49	10.2508	A	0.9
8	☐	5000.000	5001.911	186152091.39	20.4360	A	0.6
9	☐			60666.79	0.0075	P	8.3

$$y = 0.0041 * x + 1.7147E-004$$

$$R = 1.0000$$

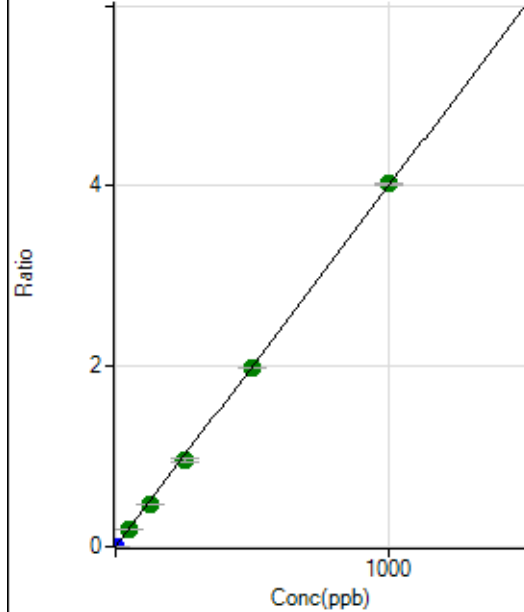
$$DL = 0.00385$$

$$BEC = 0.04197$$

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	12.22	0.0000	P	56.7
2	☐	0.100	0.090	3363.80	0.0004	P	3.4
3	☐	1.000	0.928	34476.83	0.0037	P	2.7
4	☐	50.000	48.935	1827307.77	0.1958	A	2.4
5	☐	125.000	118.675	4492552.61	0.4748	A	1.0
6	☐	250.000	239.445	9084788.96	0.9580	A	3.5
7	☐	500.000	495.983	18432808.61	1.9843	A	0.9
8	☐	1000.000	1005.491	36644136.12	4.0228	A	0.9
9	☐			5260.05	0.0006	P	24.4

$$y = 0.0040 * x + 1.3380E-006$$

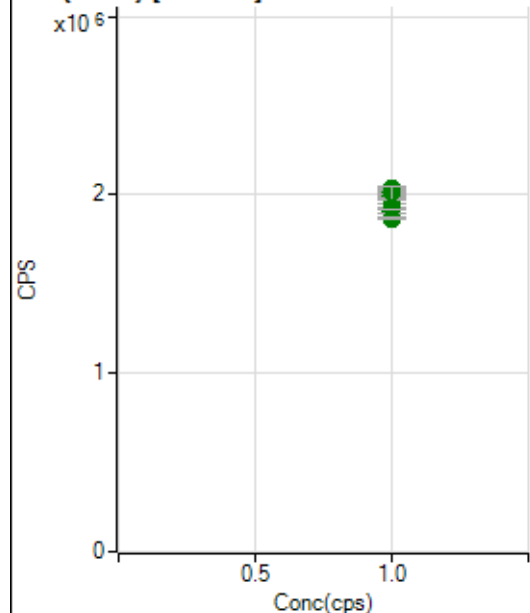
$$R = 0.9999$$

$$DL = 0.0005685$$

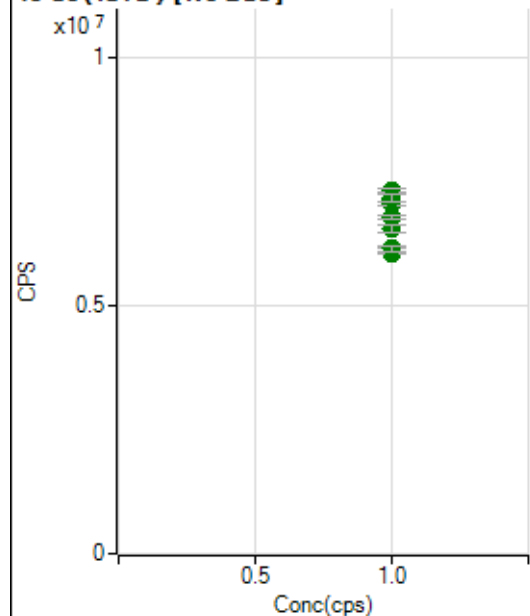
$$BEC = 0.0003344$$

Weight: <None>

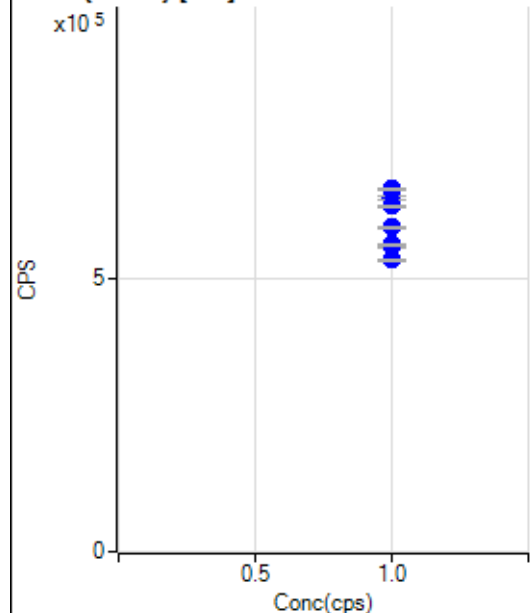
Min Conc: 0

6 Li (ISTD) [No Gas]

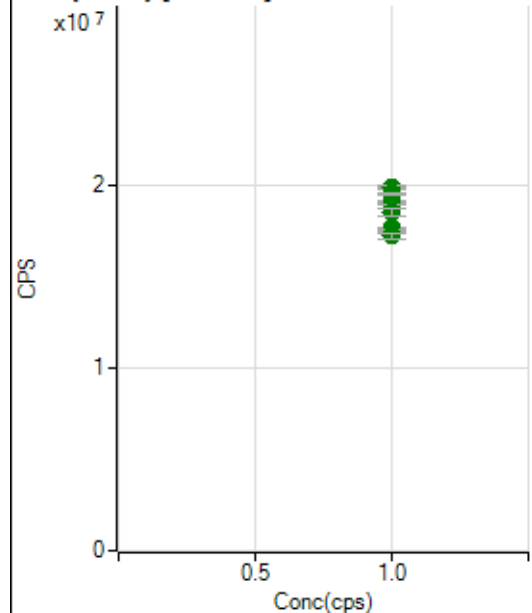
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1954229.99		A	0.2
2	☐	1.000		1974647.30		A	5.5
3	☐	1.000		2008203.55		A	1.3
4	☐	1.000		2033670.73		A	0.4
5	☐	1.000		1994896.78		A	1.1
6	☐	1.000		2010796.34		A	3.3
7	☐	1.000		1924923.62		A	0.8
8	☐	1.000		1906867.00		A	0.8
9	☐	1.000		1865885.91		A	0.6

45 Sc (ISTD) [No Gas]

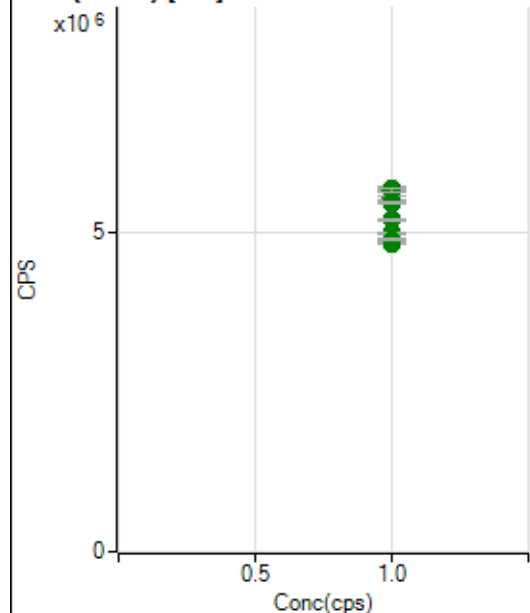
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7066083.02		A	1.0
2	☐	1.000		7159420.80		A	3.9
3	☐	1.000		7322207.46		A	1.1
4	☐	1.000		7180610.03		A	1.8
5	☐	1.000		6783289.69		A	1.3
6	☐	1.000		6571435.53		A	2.3
7	☐	1.000		6184504.28		A	0.4
8	☐	1.000		6072434.21		A	0.6
9	☐	1.000		6155588.73		A	1.9

45 Sc (ISTD) [He]

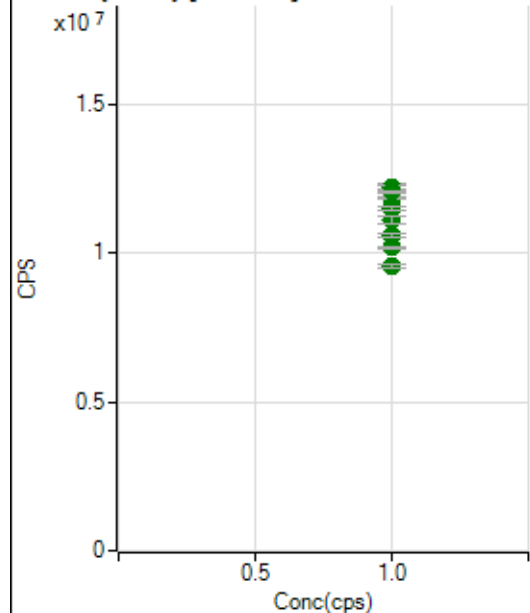
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		645578.91		P	0.8
2	☐	1.000		662554.35		P	0.1
3	☐	1.000		661361.55		P	0.8
4	☐	1.000		631213.47		P	0.8
5	☐	1.000		591752.27		P	0.2
6	☐	1.000		557451.76		P	0.6
7	☐	1.000		532153.28		P	0.5
8	☐	1.000		532525.87		P	0.7
9	☐	1.000		561056.34		P	0.6

89 Y (ISTD) [No Gas]

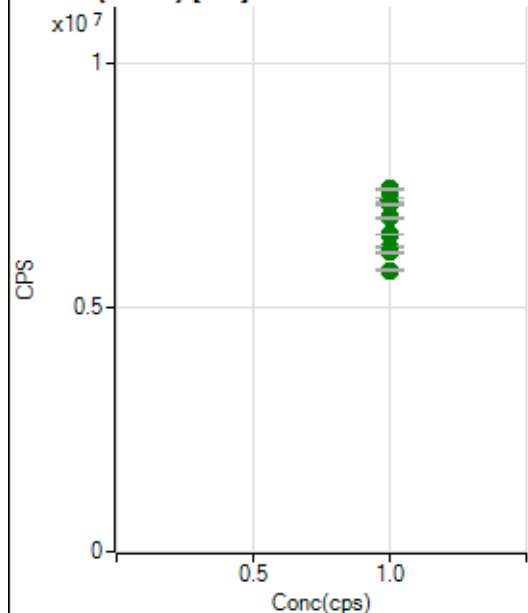
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19142123.47		A	0.4
2	☐	1.000		19513656.79		A	4.2
3	☐	1.000		19877604.43		A	0.9
4	☐	1.000		19560334.99		A	0.6
5	☐	1.000		18968148.47		A	0.4
6	☐	1.000		18551159.31		A	2.1
7	☐	1.000		17718931.68		A	0.3
8	☐	1.000		17567176.27		A	0.9
9	☐	1.000		17239538.63		A	1.4

89 Y(ISTD) [He]

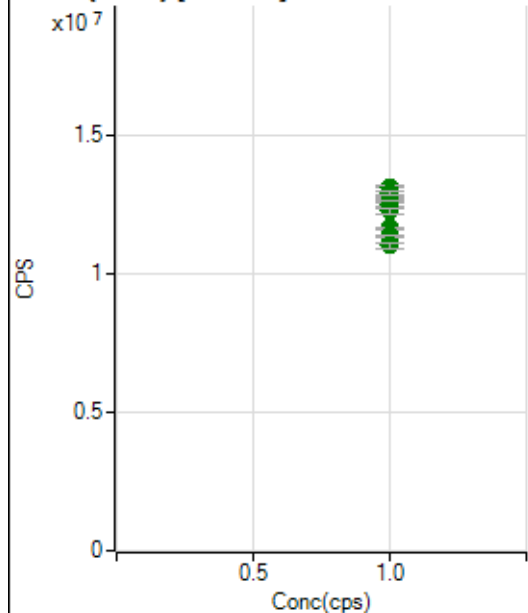
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5547282.49		A	1.1
2	☐	1.000		5691696.44		A	0.9
3	☐	1.000		5660092.35		A	1.0
4	☐	1.000		5467609.22		A	0.6
5	☐	1.000		5204723.15		A	0.3
6	☐	1.000		5000839.48		A	0.3
7	☐	1.000		4836009.93		A	0.3
8	☐	1.000		4839362.74		A	0.3
9	☐	1.000		4898951.97		A	1.0

103 Rh(ISTD) [No Gas]

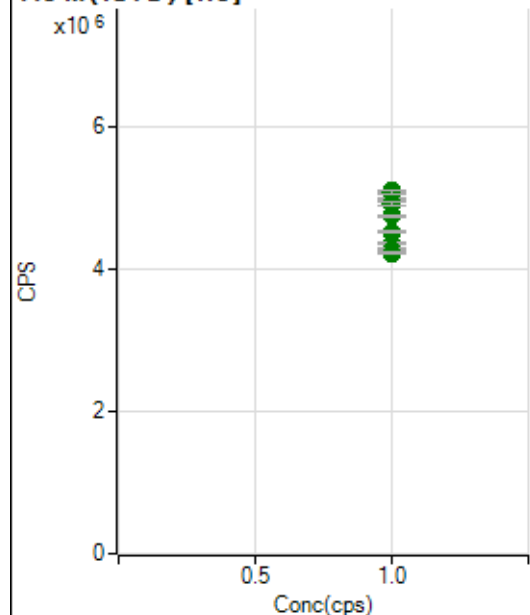
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11834991.35		A	0.7
2	☐	1.000		12091493.43		A	4.1
3	☐	1.000		12187458.71		A	1.0
4	☐	1.000		12052011.35		A	0.2
5	☐	1.000		11482968.58		A	1.0
6	☐	1.000		11124629.28		A	2.2
7	☐	1.000		10617759.98		A	1.2
8	☐	1.000		10204709.92		A	0.7
9	☐	1.000		9563276.25		A	1.7

103 Rh (ISTD) [He]

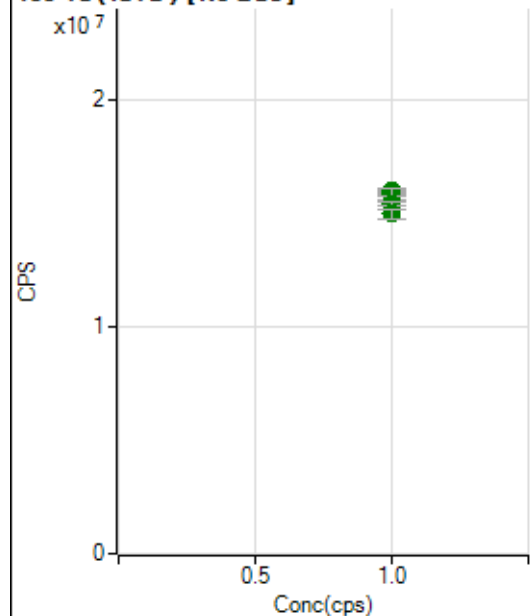
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7206836.77		A	1.1
2	☐	1.000		7442425.03		A	0.4
3	☐	1.000		7421020.17		A	0.6
4	☐	1.000		7127492.33		A	0.5
5	☐	1.000		6847515.11		A	0.2
6	☐	1.000		6517312.47		A	0.3
7	☐	1.000		6251640.11		A	0.5
8	☐	1.000		6137036.23		A	0.6
9	☐	1.000		5778428.04		A	0.6

115 In (ISTD) [No Gas]

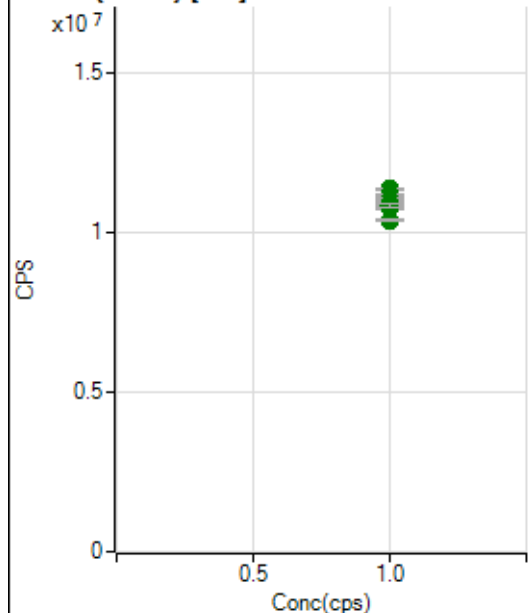
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12704592.99		A	0.5
2	☐	1.000		12842685.66		A	4.4
3	☐	1.000		13073276.15		A	1.7
4	☐	1.000		12899935.69		A	0.9
5	☐	1.000		12492072.90		A	1.6
6	☐	1.000		12243802.29		A	1.9
7	☐	1.000		11627350.53		A	0.7
8	☐	1.000		11355868.92		A	0.7
9	☐	1.000		10989382.13		A	1.9

115 In (ISTD) [He]

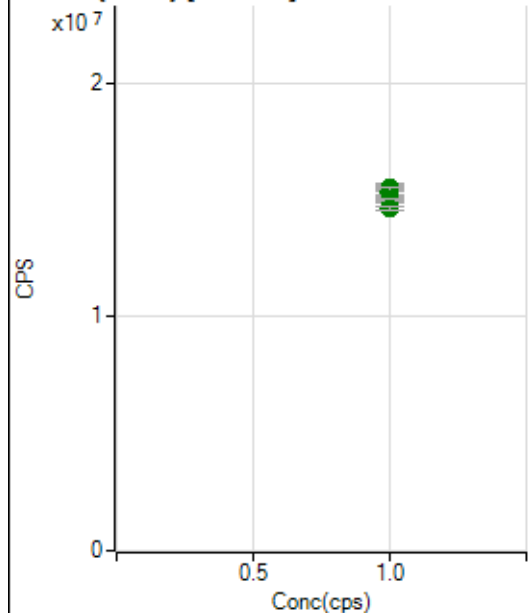
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4991854.58		A	0.3
2	☐	1.000		5108322.07		A	0.2
3	☐	1.000		5086472.18		A	1.1
4	☐	1.000		4935463.34		A	0.9
5	☐	1.000		4757380.33		A	0.5
6	☐	1.000		4526024.33		A	0.6
7	☐	1.000		4362086.70		A	0.7
8	☐	1.000		4288788.97		A	1.0
9	☐	1.000		4233187.28		A	0.8

159 Tb (ISTD) [No Gas]

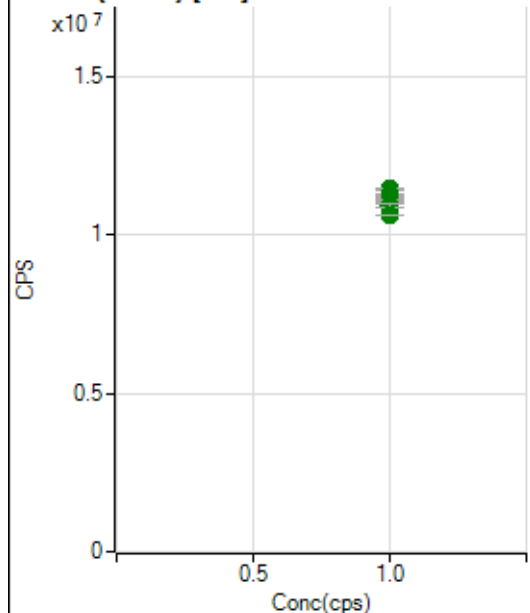
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15557257.54		A	0.5
2	☐	1.000		15739112.96		A	3.1
3	☐	1.000		15901546.29		A	1.3
4	☐	1.000		15956250.04		A	1.4
5	☐	1.000		15795988.37		A	1.4
6	☐	1.000		15864968.37		A	2.2
7	☐	1.000		15396063.11		A	0.9
8	☐	1.000		15398879.63		A	0.8
9	☐	1.000		14951142.14		A	2.8

159 Tb (ISTD) [He]

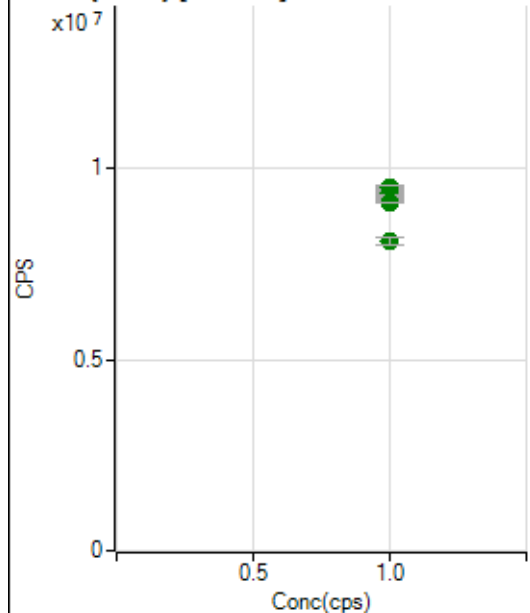
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11134491.64		A	1.5
2	☐	1.000		11348718.44		A	0.2
3	☐	1.000		11355734.83		A	0.5
4	☐	1.000		11168428.03		A	0.8
5	☐	1.000		11034654.42		A	0.7
6	☐	1.000		10871213.03		A	1.2
7	☐	1.000		10758457.34		A	0.7
8	☐	1.000		10836914.00		A	1.4
9	☐	1.000		10377935.05		A	0.2

165 Ho (ISTD) [No Gas]

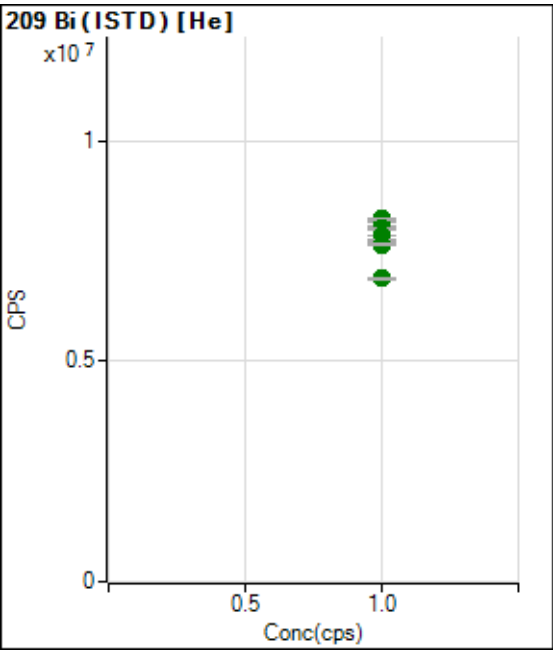
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15049907.55		A	1.2
2	☐	1.000		15433620.60		A	3.8
3	☐	1.000		15520439.63		A	0.9
4	☐	1.000		15462475.60		A	0.2
5	☐	1.000		15303541.02		A	1.6
6	☐	1.000		15404327.13		A	2.0
7	☐	1.000		14945162.97		A	0.9
8	☐	1.000		15023385.05		A	0.8
9	☐	1.000		14642874.36		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11301950.39		A	0.3
2	☐	1.000		11454861.22		A	0.4
3	☐	1.000		11454848.58		A	0.4
4	☐	1.000		11288924.28		A	0.6
5	☐	1.000		11200243.03		A	0.4
6	☐	1.000		11081016.50		A	1.0
7	☐	1.000		10937840.67		A	1.0
8	☐	1.000		10942257.20		A	0.9
9	☐	1.000		10616400.54		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9125728.82		A	1.0
2	☐	1.000		9298815.35		A	3.2
3	☐	1.000		9289061.39		A	1.8
4	☐	1.000		9334993.47		A	1.1
5	☐	1.000		9462342.22		A	0.6
6	☐	1.000		9487420.56		A	1.9
7	☐	1.000		9289463.82		A	0.7
8	☐	1.000		9109079.24		A	0.3
9	☐	1.000		8091032.52		A	2.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8042339.32		A	0.2
2	☐	1.000		8164720.85		A	0.2
3	☐	1.000		8222814.11		A	0.8
4	☐	1.000		8036748.01		A	0.7
5	☐	1.000		7997045.58		A	0.4
6	☐	1.000		7856967.04		A	0.2
7	☐	1.000		7737623.98		A	0.9
8	☐	1.000		7635777.04		A	0.8
9	☐	1.000		6868709.13		A	1.1

US EPA Tune Check Report

Reviewed By:Mohan
On:12/31/2024 3:11:09
AM
Inst Id :P7
LB :LB134133

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7122724 MS.b
Acq. Date-Time 2024-12-27 14:06:19
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		7580	75803.39			0.717	5.000
24		231619	2316189.72			1.081	5.000
25		27022	270220.07			1.000	5.000
26		30226	302258.11			0.734	5.000
59		85217	852172.78			0.655	5.000
113		11634	116341.16			0.515	5.000
115		147247	1472470.40			0.189	5.000
206		29800	298000.81			0.889	5.000
207		26070	260703.37			0.686	5.000
208		62774	627738.82			0.739	5.000
220		0	2.20			41.286	

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

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7587	7490	7581	7617	7628
24	229970	229225	232129	231138	235634
25	26895	26696	26967	27138	27414
26	30120	29899	30274	30382	30455
59	84592	84700	85536	85358	85900
113	11736	11576	11613	11622	11624
115	147254	147615	147353	147160	146853
206	30180	29495	29897	29813	29615
207	26366	25895	26085	26011	25995
208	63552	62615	62798	62556	62348

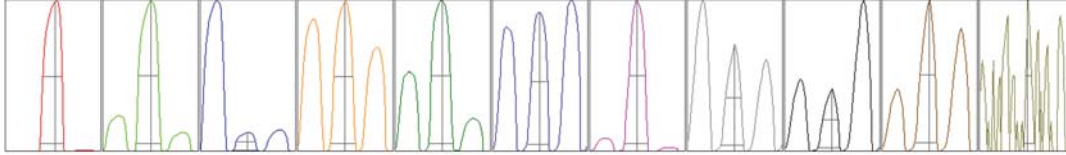
US EPA Tune Check Report

Reviewed By: Mohan
On: 12/31/2024 3:11:09 AM
Inst Id : P7
LB : LB134133

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	13234.48	9.10	8.90 - 9.10	
24	391759.50	24.05	23.90 - 24.10	
25	47328.22	25.00	24.90 - 25.10	
26	53673.18	26.00	25.90 - 26.10	
59	148661.63	59.00	58.90 - 59.10	
113	22892.17	113.00	112.90 - 113.10	
115	293353.03	115.00	114.90 - 115.10	
206	64693.15	206.00	205.90 - 206.10	
207	56007.85	207.00	206.90 - 207.10	
208	135488.46	208.00	207.90 - 208.10	
220	0.50	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.62	0.783	0.900	
25	0.60	0.756	0.900	
26	0.59	0.796	0.900	
59	0.59	0.776	0.900	
113	0.52	0.703	0.900	
115	0.51	0.753	0.900	
206	0.48	0.727	0.900	
207	0.48	0.701	0.900	
208	0.48	0.717	0.900	
220	0.19	0.335		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By: Mohan
On: 12/31/2024 3:11:09 AM
Inst Id : P7
LB : LB134133

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	15.8 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.7 mV	Analog HV	2256 V	Pulse HV	1044 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		27750	277502.26			0.446	
89		51369	513686.76			0.581	
205		33682	336823.67			0.786	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	27880	27832	27799	27646	27593
89	51491	51588	51665	51073	51026
205	33959	33872	33779	33391	33411

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.9 V	Deflect	3.2 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:12/31/2024 3:11:09
AM
Inst Id :P7
LB :LB134133

Extract 2	-150.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.7 mV	Analog HV	2256 V	Pulse HV	1044 V
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LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	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		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	0.62	0.11	-0.73	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	0.61	0.33	-0.94	0.00	N/A	ppb
Calcium	44-1	-0.12	-0.08	0.21	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.14	-0.09	0.23	0.00	N/A	ppb
Iron	57-2	-1.07	0.40	0.68	0.00	N/A	ppb
Iron	54-2	-0.11	0.32	-0.21	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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	-0.06	-0.13	0.19	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.18	-12.41	-15.23	-14.28		ppb
Potassium	39-2	-1.70	1.45	0.25	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.08	-0.18	0.27	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.42	0.40	0.00	N/A	ppb
Silicon	28-1	-0.21	0.03	0.19	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	0.29	-0.15	-0.14	0.00	N/A	ppb
Strontium	86-1	0.02	0.08	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-11.00	6.20	-47.22	-17.34		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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	-0.01	-0.01	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	2.53	2.39	2.48	3.36	ppb
Antimony	121-1	0.22	0.24	0.23	0.23	4.96	ppb
Arsenic	75-2	0.11	0.15	0.10	0.12	21.75	ppb
Barium	135-1	1.07	1.13	1.05	1.08	3.59	ppb
Barium	137-1	1.08	1.12	1.05	1.08	3.21	ppb
Beryllium	9-1	0.13	0.14	0.10	0.12	14.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.05	0.17	0.14	52.30	ppb
Cadmium	106-1	1.08	0.52	0.03	0.54	96.27	ppb
Cadmium	111-1	Rejected	Rejected	Rejected			ppb
Calcium	43-1	55.55	62.22	56.73	58.17	6.12	ppb
Calcium	44-1	56.79	62.40	56.58	58.59	5.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.21	0.19	0.19	5.58	ppb
Cobalt	59-2	0.12	0.12	0.11	0.11	6.17	ppb
Copper	63-2	0.21	0.23	0.20	0.21	6.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	5.42	5.48	5.29	5.40	1.77	ppb
Iron	57-2	5.85	6.37	5.46	5.89	7.72	ppb
Iron	54-2	6.37	5.89	5.63	5.97	6.29	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.10	0.10	0.10	5.92	ppb
Lead	207-1	0.10	0.10	0.09	0.10	3.36	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	52.96	54.11	53.13	53.40	1.16	ppb
Manganese	55-2	0.09	0.11	0.11	0.10	11.50	ppb
Molybdenum	94-1	0.59	0.66	0.58	0.61	7.07	ppb
Molybdenum	95-1	0.50	0.55	0.52	0.52	4.94	ppb
Molybdenum	96-1	0.53	0.56	0.54	0.54	3.24	ppb
Molybdenum	97-1	0.54	0.58	0.49	0.54	9.10	ppb
Molybdenum	98-1	0.51	0.56	0.48	0.51	7.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.14	0.08	0.10	30.72	ppb
Phosphorus	31-2	-10.00	-11.61	-11.89	-11.17		ppb
Potassium	39-2	53.56	55.23	53.70	54.16	1.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.70	0.47	0.31	0.49	39.58	ppb
Selenium	77-2	0.75	0.76	0.15	0.56	63.06	ppb
Selenium	78-2	0.63	-0.15	1.19	0.56	121.37	ppb
Silicon	28-1	0.44	1.82	-0.16	0.70	144.56	ppb
Silver	107-1	0.11	0.11	0.10	0.11	5.56	ppb
Silver	109-1	0.10	0.12	0.11	0.11	6.69	ppb
Sodium	23-2	49.90	48.91	48.41	49.07	1.55	ppb
Strontium	86-1	2.41	3.13	2.74	2.76	12.95	ppb
Strontium	88-1	2.63	2.83	2.64	2.70	4.31	ppb
Sulfur	34-1	-52.80	204.03	-153.04	-0.61		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.09	0.10	8.16	ppb
Thallium	205-1	0.09	0.10	0.09	0.10	5.49	ppb
Tin	118-1	0.58	0.62	0.57	0.59	4.26	ppb
Titanium	47-1	0.56	0.61	0.53	0.56	7.77	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.09	0.09	0.09	3.45	ppb
Vanadium	51-2	0.56	0.52	0.51	0.53	4.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	0.51	0.59	0.62	0.57	9.61	ppb
Zirconium	90-1	0.09	0.10	0.10	0.10	6.20	ppb
Zirconium	91-1	0.09	0.10	0.10	0.10	2.62	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.01	19.86	19.31	19.73	1.87	ppb
Antimony	121-1	2.13	2.23	2.23	2.20	2.72	ppb
Arsenic	75-2	1.17	1.42	1.27	1.29	9.97	ppb
Barium	135-1	10.63	10.88	10.87	10.79	1.30	ppb
Barium	137-1	10.66	10.93	10.85	10.81	1.25	ppb
Beryllium	9-1	1.08	1.16	1.12	1.12	3.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.14	1.31	1.22	6.92	ppb
Cadmium	106-1	1.67	1.95	1.77	1.80	8.05	ppb
Cadmium	111-1	1.17	1.27	1.18	1.21	4.66	ppb
Calcium	43-1	539.20	546.16	547.71	544.36	0.83	ppb
Calcium	44-1	548.70	555.46	565.83	556.66	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.18	2.15	2.05	2.13	3.31	ppb
Cobalt	59-2	1.11	1.13	1.09	1.11	1.67	ppb
Copper	63-2	2.11	2.04	2.02	2.06	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	56.86	57.31	56.35	56.84	0.85	ppb
Iron	57-2	58.28	60.96	59.65	59.63	2.25	ppb
Iron	54-2	59.05	59.09	57.64	58.59	1.41	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	1.03	1.01	1.01	2.85	ppb
Lead	207-1	1.01	0.99	1.01	1.01	0.95	ppb
Lead	208-1	0.97	1.01	1.02	1.00	2.79	ppb
Lithium	6-1				103		%
Magnesium	24-2	532.66	542.33	526.48	533.82	1.50	ppb
Manganese	55-2	1.05	1.02	1.01	1.03	1.73	ppb
Molybdenum	94-1	5.88	6.31	6.25	6.15	3.77	ppb
Molybdenum	95-1	5.19	5.26	5.22	5.23	0.68	ppb
Molybdenum	96-1	5.29	5.33	5.28	5.30	0.50	ppb
Molybdenum	97-1	5.28	5.26	5.31	5.28	0.52	ppb
Molybdenum	98-1	5.10	5.25	5.20	5.18	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.13	1.00	1.08	6.24	ppb
Phosphorus	31-2	26.27	29.28	20.78	25.44	16.93	ppb
Potassium	39-2	542.57	557.95	544.68	548.40	1.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	5.57	5.66	5.37	5.53	2.71	ppb
Selenium	77-2	6.63	4.75	4.75	5.37	20.20	ppb
Selenium	78-2	6.22	7.14	6.63	6.66	6.85	ppb
Silicon	28-1	1.02	1.18	1.25	1.15	10.14	ppb
Silver	107-1	1.13	1.13	1.11	1.12	1.00	ppb
Silver	109-1	1.09	1.12	1.15	1.12	2.50	ppb
Sodium	23-2	494.64	501.81	487.63	494.69	1.43	ppb
Strontium	86-1	26.84	25.78	27.69	26.77	3.57	ppb
Strontium	88-1	26.22	26.62	26.42	26.42	0.76	ppb
Sulfur	34-1	-71.20	30.33	94.70	17.94	466.09	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.00	1.01	1.05	1.02	2.59	ppb
Thallium	205-1	0.97	1.03	1.02	1.01	2.88	ppb
Tin	118-1	5.58	5.72	5.58	5.63	1.45	ppb
Titanium	47-1	5.27	5.27	5.33	5.29	0.58	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.95	0.93	0.93	2.72	ppb
Vanadium	51-2	5.41	5.47	5.43	5.44	0.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5.22	5.50	5.29	5.34	2.75	ppb
Zirconium	90-1	1.00	1.02	1.00	1.01	1.41	ppb
Zirconium	91-1	0.96	1.07	1.03	1.02	5.51	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	989.98	990.42	988.12	989.51	0.12	ppb
Antimony	121-1	53.39	52.48	53.85	53.24	1.31	ppb
Arsenic	75-2	55.44	54.46	55.31	55.07	0.97	ppb
Barium	135-1	258.91	258.11	265.02	260.68	1.45	ppb
Barium	137-1	262.12	262.17	269.53	264.61	1.61	ppb
Beryllium	9-1	53.59	53.52	54.37	53.83	0.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.63	56.47	58.45	57.52	1.73	ppb
Cadmium	106-1	59.88	58.57	59.01	59.15	1.13	ppb
Cadmium	111-1	55.21	55.28	56.51	55.67	1.31	ppb
Calcium	43-1	5432.41	5415.55	5612.40	5486.79	1.99	ppb
Calcium	44-1	5290.03	5267.50	5391.66	5316.40	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.70	51.99	51.76	51.82	0.30	ppb
Cobalt	59-2	51.96	52.18	52.00	52.05	0.23	ppb
Copper	63-2	551.93	548.22	542.19	547.45	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2749.16	2724.96	2741.56	2738.56	0.45	ppb
Iron	57-2	2750.75	2764.99	2765.96	2760.57	0.31	ppb
Iron	54-2	2789.36	2805.58	2805.55	2800.16	0.33	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	253.15	262.39	255.50	257.01	1.87	ppb
Lead	207-1	258.35	259.67	254.93	257.65	0.95	ppb
Lead	208-1	256.71	261.50	257.85	258.69	0.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	5224.83	5261.50	5243.89	5243.41	0.35	ppb
Manganese	55-2	523.05	528.65	522.05	524.58	0.68	ppb
Molybdenum	94-1	529.29	523.23	519.46	523.99	0.95	ppb
Molybdenum	95-1	529.49	520.20	523.72	524.47	0.89	ppb
Molybdenum	96-1	523.59	524.56	523.64	523.93	0.10	ppb
Molybdenum	97-1	528.12	524.77	535.18	529.36	1.00	ppb
Molybdenum	98-1	522.09	520.60	523.57	522.09	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.78	53.54	53.91	53.74	0.35	ppb
Phosphorus	31-2	1063.60	1099.63	1062.08	1075.10	1.98	ppb
Potassium	39-2	2641.06	2624.07	2672.66	2645.93	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	54.54	56.14	56.08	55.59	1.63	ppb
Selenium	77-2	58.79	55.91	56.20	56.97	2.78	ppb
Selenium	78-2	56.48	53.72	58.00	56.07	3.87	ppb
Silicon	28-1	62.95	62.31	64.32	63.19	1.63	ppb
Silver	107-1	57.03	56.46	58.26	57.25	1.61	ppb
Silver	109-1	56.65	56.49	57.96	57.03	1.41	ppb
Sodium	23-2	5223.93	5288.54	5253.17	5255.21	0.62	ppb
Strontium	86-1	1274.03	1286.46	1283.82	1281.44	0.51	ppb
Strontium	88-1	1324.15	1316.76	1331.98	1324.29	0.57	ppb
Sulfur	34-1	1095.85	1029.41	1168.33	1097.86	6.33	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	49.11	50.35	49.89	49.78	1.26	ppb
Thallium	205-1	48.88	50.39	49.43	49.56	1.54	ppb
Tin	118-1	53.67	53.16	54.91	53.91	1.66	ppb
Titanium	47-1	509.08	507.22	519.30	511.87	1.27	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.78	50.10	48.93	48.93	2.37	ppb
Vanadium	51-2	51.73	51.44	51.50	51.56	0.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	526.01	529.66	529.89	528.52	0.41	ppb
Zirconium	90-1	50.78	51.12	50.84	50.91	0.35	ppb
Zirconium	91-1	50.89	51.36	51.55	51.27	0.66	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2402.39	2373.71	2362.59	2379.56	0.86	ppb
Antimony	121-1	124.36	126.71	126.64	125.90	1.06	ppb
Arsenic	75-2	131.53	129.67	130.51	130.57	0.71	ppb
Barium	135-1	638.24	653.45	661.22	650.97	1.80	ppb
Barium	137-1	642.01	651.97	654.89	649.62	1.04	ppb
Beryllium	9-1	127.96	128.29	129.73	128.66	0.73	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.68	136.47	136.30	135.48	1.16	ppb
Cadmium	106-1	132.68	139.20	136.52	136.13	2.41	ppb
Cadmium	111-1	129.70	131.38	132.43	131.17	1.05	ppb
Calcium	43-1	13057.49	13258.71	13259.10	13191.77	0.88	ppb
Calcium	44-1	12909.46	12912.44	12785.93	12869.28	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.16	123.84	123.54	124.18	0.69	ppb
Cobalt	59-2	125.03	125.43	124.32	124.93	0.45	ppb
Copper	63-2	1318.65	1297.54	1290.68	1302.29	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	6599.57	6504.92	6514.54	6539.67	0.80	ppb
Iron	57-2	6663.56	6646.13	6581.22	6630.30	0.65	ppb
Iron	54-2	6667.98	6654.08	6674.66	6665.57	0.16	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	622.24	627.77	615.98	622.00	0.95	ppb
Lead	207-1	627.75	615.62	620.84	621.40	0.98	ppb
Lead	208-1	623.06	619.75	622.08	621.63	0.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	12409.87	12427.24	12412.63	12416.58	0.08	ppb
Manganese	55-2	1249.99	1253.61	1247.13	1250.24	0.26	ppb
Molybdenum	94-1	1280.65	1259.54	1224.23	1254.81	2.27	ppb
Molybdenum	95-1	1277.18	1271.46	1226.72	1258.45	2.20	ppb
Molybdenum	96-1	1275.73	1267.01	1245.31	1262.68	1.24	ppb
Molybdenum	97-1	1281.33	1264.56	1244.04	1263.31	1.48	ppb
Molybdenum	98-1	1276.77	1258.92	1245.21	1260.30	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.27	125.80	125.94	126.67	1.09	ppb
Phosphorus	31-2	2582.66	2611.59	2512.44	2568.90	1.98	ppb
Potassium	39-2	6325.51	6234.52	6249.73	6269.92	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	129.88	132.19	130.13	130.73	0.97	ppb
Selenium	77-2	133.00	135.37	128.16	132.18	2.78	ppb
Selenium	78-2	130.93	137.92	131.72	133.52	2.87	ppb
Silicon	28-1	138.64	141.03	138.58	139.42	1.00	ppb
Silver	107-1	135.94	136.54	138.44	136.97	0.95	ppb
Silver	109-1	137.35	136.67	138.22	137.42	0.56	ppb
Sodium	23-2	12500.61	12451.26	12447.38	12466.42	0.24	ppb
Strontium	86-1	3106.98	3096.74	3033.75	3079.16	1.29	ppb
Strontium	88-1	3158.69	3164.12	3164.20	3162.34	0.10	ppb
Sulfur	34-1	2596.83	2587.83	2591.12	2591.92	0.18	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	117.70	118.51	119.13	118.45	0.60	ppb
Thallium	205-1	124.43	124.40	124.51	124.45	0.05	ppb
Tin	118-1	125.61	127.85	128.61	127.36	1.22	ppb
Titanium	47-1	1263.19	1285.19	1258.54	1268.97	1.12	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.99	117.37	119.66	118.67	0.99	ppb
Vanadium	51-2	124.31	123.31	122.79	123.47	0.62	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1282.37	1267.26	1266.73	1272.12	0.70	ppb
Zirconium	90-1	125.89	127.28	126.65	126.61	0.55	ppb
Zirconium	91-1	123.60	122.60	121.85	122.69	0.72	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5033.80	4965.76	4880.71	4960.09	1.55	ppb
Antimony	121-1	244.45	252.44	259.75	252.22	3.03	ppb
Arsenic	75-2	256.57	256.04	255.81	256.14	0.15	ppb
Barium	135-1	1228.47	1244.10	1284.03	1252.20	2.29	ppb
Barium	137-1	1229.27	1274.77	1296.98	1267.01	2.72	ppb
Beryllium	9-1	236.40	246.70	256.09	246.39	4.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	252.22	266.41	265.75	261.46	3.06	ppb
Cadmium	106-1	248.63	262.99	267.46	259.69	3.79	ppb
Cadmium	111-1	244.64	256.32	257.42	252.79	2.80	ppb
Calcium	43-1	25061.00	25943.75	26255.99	25753.58	2.41	ppb
Calcium	44-1	24516.44	25340.76	25779.18	25212.12	2.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.49	247.11	245.15	245.92	0.43	ppb
Cobalt	59-2	253.07	255.78	252.94	253.93	0.63	ppb
Copper	63-2	2585.11	2587.04	2575.52	2582.56	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				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	13007.53	13169.15	12983.25	13053.31	0.77	ppb
Iron	57-2	13291.77	13051.88	13085.39	13143.02	0.99	ppb
Iron	54-2	13372.47	13207.93	13233.59	13271.33	0.67	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1188.92	1248.38	1250.85	1229.38	2.85	ppb
Lead	207-1	1177.38	1256.98	1244.86	1226.41	3.50	ppb
Lead	208-1	1179.24	1247.02	1246.98	1224.41	3.20	ppb
Lithium	6-1				103		%
Magnesium	24-2	24868.48	25027.43	25129.39	25008.43	0.53	ppb
Manganese	55-2	2504.74	2517.92	2476.37	2499.68	0.85	ppb
Molybdenum	94-1	2435.82	2488.76	2496.96	2473.85	1.34	ppb
Molybdenum	95-1	2396.64	2526.86	2494.00	2472.50	2.74	ppb
Molybdenum	96-1	2421.50	2539.74	2511.76	2491.00	2.48	ppb
Molybdenum	97-1	2414.34	2518.41	2508.31	2480.35	2.31	ppb
Molybdenum	98-1	2415.47	2500.17	2488.84	2468.16	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.59	250.18	249.66	250.14	0.19	ppb
Phosphorus	31-2	5098.25	5208.70	4987.32	5098.09	2.17	ppb
Potassium	39-2	12653.57	12457.11	12493.27	12534.65	0.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	82-1	250.06	260.85	259.60	256.83	2.30	ppb
Selenium	77-2	272.89	252.77	267.55	264.40	3.94	ppb
Selenium	78-2	262.75	265.60	258.60	262.32	1.34	ppb
Silicon	28-1	258.31	264.98	270.22	264.50	2.26	ppb
Silver	107-1	254.02	262.22	265.57	260.60	2.28	ppb
Silver	109-1	256.55	265.48	264.71	262.25	1.89	ppb
Sodium	23-2	25097.90	25348.89	25105.48	25184.09	0.57	ppb
Strontium	86-1	5862.32	6127.05	6111.22	6033.53	2.46	ppb
Strontium	88-1	6055.95	6308.38	6254.49	6206.27	2.14	ppb
Sulfur	34-1	4622.45	4830.99	4919.67	4791.04	3.18	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	238.84	255.16	250.80	248.27	3.40	ppb
Thallium	205-1	241.63	249.42	251.95	247.67	2.17	ppb
Tin	118-1	245.99	255.02	258.60	253.20	2.57	ppb
Titanium	47-1	2366.25	2472.22	2513.94	2450.80	3.11	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	229.80	244.83	243.71	239.44	3.50	ppb
Vanadium	51-2	244.52	245.71	244.46	244.90	0.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	2583.12	2592.17	2554.02	2576.44	0.77	ppb
Zirconium	90-1	240.55	250.34	246.62	245.84	2.01	ppb
Zirconium	91-1	233.44	246.07	246.78	242.10	3.10	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10099.10	10002.48	9913.20	10004.93	0.93	ppb
Antimony	121-1	505.03	518.39	510.90	511.44	1.31	ppb
Arsenic	75-2	506.91	506.77	503.55	505.75	0.38	ppb
Barium	135-1	2507.83	2554.70	2536.47	2533.00	0.93	ppb
Barium	137-1	2498.15	2547.34	2518.72	2521.40	0.98	ppb
Beryllium	9-1	488.86	494.44	486.92	490.08	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.26	517.56	516.51	513.44	1.22	ppb
Cadmium	106-1	510.69	521.96	510.92	514.53	1.25	ppb
Cadmium	111-1	495.99	508.05	499.65	501.23	1.23	ppb
Calcium	43-1	51205.17	51313.24	51385.31	51301.24	0.18	ppb
Calcium	44-1	51206.22	51588.90	51703.26	51499.46	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.46	509.29	510.94	509.23	0.34	ppb
Cobalt	59-2	508.63	506.46	510.05	508.38	0.36	ppb
Copper	63-2	5136.22	5052.59	5117.82	5102.21	0.86	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				97		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	26390.89	26354.47	26446.87	26397.41	0.18	ppb
Iron	57-2	26790.32	26029.99	26383.06	26401.12	1.44	ppb
Iron	54-2	26650.71	26568.90	26674.74	26631.45	0.21	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2462.51	2521.33	2528.21	2504.02	1.44	ppb
Lead	207-1	2480.92	2524.12	2517.91	2507.65	0.93	ppb
Lead	208-1	2483.77	2522.95	2520.12	2508.95	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	50282.89	50047.76	49803.76	50044.80	0.48	ppb
Manganese	55-2	5073.41	5064.99	5088.25	5075.55	0.23	ppb
Molybdenum	94-1	5013.39	5043.97	5024.03	5027.13	0.31	ppb
Molybdenum	95-1	5050.28	5065.37	4993.32	5036.32	0.75	ppb
Molybdenum	96-1	5058.55	5090.63	5007.36	5052.18	0.83	ppb
Molybdenum	97-1	5061.00	5031.27	4985.20	5025.82	0.76	ppb
Molybdenum	98-1	5066.05	5082.12	5031.31	5059.83	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.72	492.87	495.69	495.76	0.59	ppb
Phosphorus	31-2	10148.70	10245.33	10083.58	10159.20	0.80	ppb
Potassium	39-2	25129.51	25201.22	25157.74	25162.82	0.14	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				82		%
Selenium	82-1	514.69	512.43	508.97	512.03	0.56	ppb
Selenium	77-2	516.84	515.25	499.67	510.59	1.86	ppb
Selenium	78-2	511.02	519.71	506.28	512.34	1.33	ppb
Silicon	28-1	528.06	522.91	517.19	522.72	1.04	ppb
Silver	107-1	508.37	523.51	511.86	514.58	1.54	ppb
Silver	109-1	509.97	524.38	509.17	514.50	1.66	ppb
Sodium	23-2	50618.55	50316.54	50423.57	50452.89	0.30	ppb
Strontium	86-1	12603.33	12518.24	12926.96	12682.84	1.70	ppb
Strontium	88-1	12650.87	12578.82	12647.54	12625.74	0.32	ppb
Sulfur	34-1	10019.34	10020.16	9996.69	10012.06	0.13	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	498.56	508.72	493.12	500.13	1.58	ppb
Thallium	205-1	493.30	507.80	502.37	501.16	1.46	ppb
Tin	118-1	503.91	511.62	513.23	509.59	0.98	ppb
Titanium	47-1	4979.84	5052.83	5026.17	5019.61	0.74	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	491.92	500.64	495.38	495.98	0.88	ppb
Vanadium	51-2	514.81	503.30	510.56	509.56	1.14	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%
Zinc	66-2	5142.20	5118.32	5174.12	5144.88	0.54	ppb
Zirconium	90-1	502.98	500.23	501.55	501.59	0.27	ppb
Zirconium	91-1	503.14	513.17	497.86	504.72	1.54	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19553.87	19553.06	19400.04	19502.33	0.45	ppb
Antimony	121-1	985.53	993.66	1001.16	993.45	0.79	ppb
Arsenic	75-2	994.74	1002.32	986.87	994.64	0.78	ppb
Barium	135-1	4919.17	4985.13	5033.20	4979.17	1.15	ppb
Barium	137-1	4911.83	5008.13	5023.74	4981.24	1.22	ppb
Beryllium	9-1	1014.83	998.00	1002.81	1005.21	0.86	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	977.83	984.44	1003.92	988.73	1.37	ppb
Cadmium	106-1	977.41	990.50	997.48	988.46	1.03	ppb
Cadmium	111-1	978.76	1001.53	1012.61	997.63	1.73	ppb
Calcium	43-1	101271.49	102522.65	103168.07	102320.74	0.94	ppb
Calcium	44-1	101675.81	101433.02	102159.17	101756.00	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.80	998.81	1002.64	996.42	0.77	ppb
Cobalt	59-2	995.79	995.94	992.47	994.73	0.20	ppb
Copper	63-2	9895.32	9975.43	9887.30	9919.35	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				100		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	51417.99	51962.79	51536.35	51639.04	0.55	ppb
Iron	57-2	51619.85	52635.33	51935.27	52063.48	1.00	ppb
Iron	54-2	52122.49	52683.85	52109.56	52305.30	0.63	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4971.89	5020.05	5017.57	5003.17	0.54	ppb
Lead	207-1	4964.39	5051.27	4990.76	5002.14	0.89	ppb
Lead	208-1	4975.43	5031.43	4998.88	5001.91	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	98137.50	99127.83	97908.79	98391.38	0.66	ppb
Manganese	55-2	9931.42	10024.69	9927.02	9961.05	0.55	ppb
Molybdenum	94-1	9894.14	10078.99	10000.39	9991.17	0.93	ppb
Molybdenum	95-1	9812.98	10071.90	10074.43	9986.43	1.50	ppb
Molybdenum	96-1	9851.22	10018.95	10049.96	9973.38	1.07	ppb
Molybdenum	97-1	9881.36	10069.83	10015.41	9988.87	0.97	ppb
Molybdenum	98-1	9824.74	10095.19	10007.04	9975.66	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.94	1007.30	1007.83	1001.69	1.02	ppb
Phosphorus	31-2	19901.24	19957.90	19791.39	19883.51	0.43	ppb
Potassium	39-2	49026.55	50145.07	49216.03	49462.55	1.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				82		%
Selenium	82-1	976.86	992.94	1004.03	991.28	1.38	ppb
Selenium	77-2	977.83	1000.81	990.94	989.86	1.16	ppb
Selenium	78-2	985.77	992.12	990.24	989.38	0.33	ppb
Silicon	28-1	980.75	987.33	979.84	982.64	0.42	ppb
Silver	107-1	978.35	989.67	996.57	988.20	0.93	ppb
Silver	109-1	975.12	992.09	996.13	987.78	1.13	ppb
Sodium	23-2	99740.99	101074.08	99640.40	100151.82	0.80	ppb
Strontium	86-1	24685.19	25086.11	25129.26	24966.85	0.98	ppb
Strontium	88-1	24599.43	25054.37	25165.23	24939.68	1.20	ppb
Sulfur	34-1	20020.03	19940.86	20128.58	20029.82	0.47	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	992.60	1000.05	1010.94	1001.20	0.92	ppb
Thallium	205-1	999.25	994.46	1006.58	1000.10	0.61	ppb
Tin	118-1	987.68	989.46	1004.59	993.91	0.94	ppb
Titanium	47-1	9886.97	10059.14	10052.47	9999.53	0.98	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	996.14	1007.05	1013.29	1005.49	0.86	ppb
Vanadium	51-2	987.13	1002.90	999.80	996.61	0.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	9777.66	10002.05	9933.06	9904.26	1.16	ppb
Zirconium	90-1	985.97	1006.17	1007.87	1000.00	1.22	ppb
Zirconium	91-1	982.21	1001.98	1015.33	999.84	1.67	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100596.08	100233.97	99482.42	100104.15	0.57	ppb
Antimony	121-1	0.71	0.65	0.61	0.66	7.57	ppb
Arsenic	75-2	0.70	0.59	0.80	0.70	15.08	ppb
Barium	135-1	2.53	2.32	2.22	2.36	6.70	ppb
Barium	137-1	2.56	2.44	2.27	2.43	6.06	ppb
Beryllium	9-1	0.35	0.31	0.29	0.32	9.26	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.37	0.49	0.50	27.99	ppb
Cadmium	106-1	-0.54	0.57	0.52	0.19	338.53	ppb
Cadmium	111-1	0.23	0.20	0.20	0.21	9.12	ppb
Calcium	43-1	477830.69	508937.24	511269.59	499345.84	3.74	ppb
Calcium	44-1	481298.14	510077.41	507051.84	499475.79	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.15	1.24	1.14	1.17	4.57	ppb
Cobalt	59-2	2.59	2.64	2.64	2.62	1.08	ppb
Copper	63-2	2.50	2.36	2.35	2.40	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	250820.51	248493.75	249171.21	249495.16	0.48	ppb
Iron	57-2	251403.26	248476.28	248329.23	249402.92	0.70	ppb
Iron	54-2	252192.31	248810.79	246968.41	249323.84	1.06	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.99	1.83	1.66	1.83	8.95	ppb
Lead	207-1	1.98	1.75	1.63	1.79	9.95	ppb
Lead	208-1	1.95	1.78	1.65	1.79	8.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	504851.60	500509.06	495588.65	500316.44	0.93	ppb
Manganese	55-2	4.72	4.70	4.54	4.65	2.16	ppb
Molybdenum	94-1	3.47	3.08	2.71	3.09	12.21	ppb
Molybdenum	95-1	2.59	2.10	1.80	2.16	18.42	ppb
Molybdenum	96-1	4.10	3.66	3.33	3.70	10.40	ppb
Molybdenum	97-1	2.67	2.14	1.80	2.20	19.84	ppb
Molybdenum	98-1	2.52	2.04	1.68	2.08	20.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.36	4.64	4.46	4.49	3.15	ppb
Phosphorus	31-2	-1.65	-0.89	-4.12	-2.22		ppb
Potassium	39-2	251930.40	248404.42	249927.45	250087.42	0.71	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	1.41	1.01	1.42	1.28	18.05	ppb
Selenium	77-2	0.71	0.53	0.52	0.59	18.40	ppb
Selenium	78-2	-0.25	-0.89	-0.17	-0.44		ppb
Silicon	28-1	-1.66	-0.93	-1.40	-1.33		ppb
Silver	107-1	0.26	0.21	0.18	0.22	19.20	ppb
Silver	109-1	0.25	0.20	0.18	0.21	16.57	ppb
Sodium	23-2	504187.53	498406.35	497146.43	499913.43	0.75	ppb
Strontium	86-1	71.14	75.88	74.25	73.75	3.26	ppb
Strontium	88-1	73.50	74.26	73.45	73.73	0.62	ppb
Sulfur	34-1	-447.01	-203.26	-152.15	-267.47		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.22	0.18	0.16	0.19	17.48	ppb
Thallium	205-1	0.24	0.18	0.16	0.19	21.23	ppb
Tin	118-1	0.34	0.29	0.24	0.29	15.88	ppb
Titanium	47-1	2.21	1.80	1.57	1.86	17.46	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.15	0.13	0.16	24.47	ppb
Vanadium	51-2	0.23	0.23	0.19	0.22	10.71	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	13.87	14.12	13.70	13.90	1.51	ppb
Zirconium	90-1	0.67	0.69	0.63	0.66	4.86	ppb
Zirconium	91-1	0.68	0.64	0.61	0.64	5.44	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.83	483.19	480.83	482.62	0.33	ppb
Antimony	121-1	213.29	217.84	218.70	216.61	1.34	ppb
Arsenic	75-2	218.95	218.65	215.58	217.73	0.86	ppb
Barium	135-1	100.55	102.84	101.85	101.74	1.13	ppb
Barium	137-1	101.78	105.08	104.36	103.74	1.67	ppb
Beryllium	9-1	107.83	104.73	108.05	106.87	1.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.74	125.75	124.97	124.49	1.25	ppb
Cadmium	106-1	94.24	95.11	94.45	94.60	0.48	ppb
Cadmium	111-1	103.05	105.81	104.95	104.60	1.35	ppb
Calcium	43-1	2082.58	2083.07	2121.90	2095.85	1.08	ppb
Calcium	44-1	2064.66	2106.60	2147.69	2106.32	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.68	105.78	103.95	104.80	0.88	ppb
Cobalt	59-2	105.68	105.41	105.16	105.42	0.25	ppb
Copper	63-2	101.09	101.76	100.99	101.28	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	2152.74	2159.31	2137.16	2149.74	0.53	ppb
Iron	57-2	2172.59	2178.32	2181.33	2177.42	0.20	ppb
Iron	54-2	2264.42	2288.79	2262.81	2272.01	0.64	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	209.57	209.36	212.59	210.51	0.86	ppb
Lead	207-1	183.02	189.90	190.26	187.73	2.17	ppb
Lead	208-1	198.44	202.68	203.40	201.51	1.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	1188.13	1197.38	1182.89	1189.46	0.62	ppb
Manganese	55-2	102.00	102.41	102.57	102.32	0.29	ppb
Molybdenum	94-1	4047.36	3963.20	3996.50	4002.35	1.06	ppb
Molybdenum	95-1	4891.81	4839.15	4849.27	4860.08	0.57	ppb
Molybdenum	96-1	4794.83	4744.80	4799.51	4779.71	0.63	ppb
Molybdenum	97-1	4851.09	4839.40	4844.60	4845.03	0.12	ppb
Molybdenum	98-1	4803.82	4782.71	4838.06	4808.19	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.72	108.12	107.71	107.85	0.22	ppb
Phosphorus	31-2	-15.63	-19.00	-15.78	-16.80		ppb
Potassium	39-2	2052.65	2063.76	2049.27	2055.23	0.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	82-1	215.66	213.68	218.09	215.81	1.02	ppb
Selenium	77-2	220.85	230.62	223.55	225.01	2.24	ppb
Selenium	78-2	219.22	220.76	218.81	219.60	0.47	ppb
Silicon	28-1	-3.05	-3.63	-3.36	-3.35		ppb
Silver	107-1	51.10	52.60	51.97	51.89	1.45	ppb
Silver	109-1	51.23	52.53	52.36	52.04	1.35	ppb
Sodium	23-2	2095.35	2060.58	2043.57	2066.50	1.28	ppb
Strontium	86-1	5.92	6.60	6.35	6.29	5.47	ppb
Strontium	88-1	6.44	6.36	6.30	6.37	1.04	ppb
Sulfur	34-1	-32.63	-187.17	-166.04	-128.61		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	203.38	205.46	208.01	205.62	1.13	ppb
Thallium	205-1	202.92	207.95	207.65	206.17	1.37	ppb
Tin	118-1	0.01	0.01	0.01	0.01	10.51	ppb
Titanium	47-1	0.23	0.24	0.21	0.23	6.72	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	16.57	ppb
Vanadium	51-2	101.97	101.48	100.92	101.46	0.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	208.73	211.17	208.85	209.58	0.66	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.97	ppb
Zirconium	91-1	0.08	0.10	0.07	0.08	16.75	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.87	19.99	19.34	19.74	1.75	ppb
Antimony	121-1	2.15	2.11	2.20	2.16	2.10	ppb
Arsenic	75-2	1.06	1.16	1.20	1.14	6.22	ppb
Barium	135-1	10.03	10.22	10.24	10.17	1.14	ppb
Barium	137-1	10.35	10.22	10.29	10.28	0.59	ppb
Beryllium	9-1	1.12	1.16	1.07	1.12	4.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	0.94	1.13	1.10	12.92	ppb
Cadmium	106-1	0.29	1.07	0.19	0.52	93.43	ppb
Cadmium	111-1	1.06	1.21	1.15	1.14	6.51	ppb
Calcium	43-1	547.09	533.76	555.04	545.30	1.97	ppb
Calcium	44-1	549.03	548.15	551.72	549.63	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.08	1.96	2.03	3.22	ppb
Cobalt	59-2	1.08	1.13	1.12	1.11	2.04	ppb
Copper	63-2	2.07	2.12	2.08	2.09	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	55.19	54.95	54.97	55.04	0.24	ppb
Iron	57-2	58.06	56.30	58.38	57.58	1.95	ppb
Iron	54-2	56.50	56.73	57.58	56.94	1.00	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.99	1.01	0.99	2.62	ppb
Lead	207-1	0.97	0.95	0.99	0.97	2.14	ppb
Lead	208-1	0.97	0.98	0.98	0.98	0.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	525.80	518.35	524.11	522.76	0.75	ppb
Manganese	55-2	1.10	1.04	1.02	1.06	4.00	ppb
Molybdenum	94-1	6.36	6.16	6.22	6.25	1.69	ppb
Molybdenum	95-1	5.39	5.47	5.42	5.43	0.74	ppb
Molybdenum	96-1	5.61	5.49	5.63	5.58	1.39	ppb
Molybdenum	97-1	5.53	5.54	5.54	5.54	0.10	ppb
Molybdenum	98-1	5.58	5.51	5.49	5.53	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.06	1.07	1.07	0.48	ppb
Phosphorus	31-2	21.83	21.33	14.38	19.18	21.70	ppb
Potassium	39-2	527.02	521.44	528.49	525.65	0.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	5.43	5.30	5.10	5.28	3.15	ppb
Selenium	77-2	6.28	5.53	5.34	5.72	8.76	ppb
Selenium	78-2	5.08	4.25	3.81	4.38	14.78	ppb
Silicon	28-1	-1.65	-1.54	-1.28	-1.49		ppb
Silver	107-1	1.06	1.05	1.10	1.07	2.61	ppb
Silver	109-1	1.09	1.09	1.11	1.10	1.28	ppb
Sodium	23-2	496.27	486.38	492.72	491.79	1.02	ppb
Strontium	86-1	26.14	25.41	26.02	25.85	1.52	ppb
Strontium	88-1	25.61	25.85	25.52	25.66	0.66	ppb
Sulfur	34-1	-2.35	0.93	41.24	13.28	182.87	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1.01	1.02	0.96	1.00	3.44	ppb
Thallium	205-1	0.99	1.03	1.01	1.01	1.83	ppb
Tin	118-1	5.31	5.54	5.45	5.43	2.19	ppb
Titanium	47-1	4.92	4.93	5.10	4.98	2.10	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.94	0.90	0.91	2.10	ppb
Vanadium	51-2	5.22	5.23	5.12	5.19	1.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	5.57	5.38	5.30	5.42	2.65	ppb
Zirconium	90-1	0.97	0.97	0.99	0.98	0.86	ppb
Zirconium	91-1	0.99	0.99	0.99	0.99	0.22	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.13	0.19	0.08	161.35	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.41	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	61.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	0.01	0.00	2399.60	ppb
Cadmium	106-1	0.68	-0.62	-0.35	-0.10		ppb
Cadmium	111-1	0.01	-0.02	0.00	0.00		ppb
Calcium	43-1	0.02	0.62	-0.74	-0.03		ppb
Calcium	44-1	0.40	-0.02	-0.34	0.02	2288.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.01	0.00	0.01	0.00	789.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	-0.04	-0.24	-0.15	-0.14		ppb
Iron	57-2	-0.61	-0.89	-0.71	-0.74		ppb
Iron	54-2	0.41	-0.91	-0.05	-0.18		ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.01	0.01	74.70	ppb
Lead	207-1	0.01	0.01	0.00	0.01	66.10	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.00	0.03	0.25	0.09	151.51	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	10.04	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	62.21	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	11.09	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	46.27	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	10.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-14.62	-14.85	-16.00	-15.16		ppb
Potassium	39-2	-2.69	-2.61	-0.90	-2.07		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.20	-0.21	-0.23	-0.08		ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.94	-0.41	-0.54	-0.63		ppb
Silicon	28-1	-1.48	-1.81	-1.68	-1.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	39.22	ppb
Sodium	23-2	4.02	3.03	3.48	3.51	14.19	ppb
Strontium	86-1	0.33	0.31	0.08	0.24	56.82	ppb
Strontium	88-1	0.04	0.00	0.00	0.01	240.03	ppb
Sulfur	34-1	108.30	6.91	8.96	41.39	140.02	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	79.81	ppb
Tin	118-1	0.01	0.01	0.00	0.01	36.09	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	88.28	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	204.13	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	0.11	0.12	0.12	8.30	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1511.94	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	7.15	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92030.79	90928.75	91591.21	91516.92	0.61	ppb
Antimony	121-1	1.13	1.10	1.16	1.13	2.30	ppb
Arsenic	75-2	0.38	0.34	0.25	0.32	19.51	ppb
Barium	135-1	1.37	1.36	1.35	1.36	1.03	ppb
Barium	137-1	1.36	1.36	1.38	1.36	0.75	ppb
Beryllium	9-1	0.31	0.30	0.26	0.29	10.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.05	8.28	8.02	8.45	6.33	ppb
Cadmium	106-1	-1.60	-2.03	-2.02	-1.88		ppb
Cadmium	111-1	0.33	0.30	0.30	0.31	6.53	ppb
Calcium	43-1	101212.39	100639.14	102136.10	101329.21	0.75	ppb
Calcium	44-1	100915.16	100741.61	101742.46	101133.08	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.04	19.59	19.69	19.77	1.20	ppb
Cobalt	59-2	1.23	1.27	1.20	1.23	2.82	ppb
Copper	63-2	7.20	7.05	7.08	7.11	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	104563.70	103724.19	102695.04	103660.97	0.90	ppb
Iron	57-2	104373.60	103381.81	101786.29	103180.56	1.27	ppb
Iron	54-2	104376.62	103299.88	103317.43	103664.65	0.59	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.80	4.77	4.76	4.78	0.45	ppb
Lead	207-1	4.31	4.33	4.31	4.32	0.27	ppb
Lead	208-1	4.49	4.48	4.46	4.48	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	98879.60	97399.31	98805.35	98361.42	0.85	ppb
Manganese	55-2	7.64	7.72	7.75	7.70	0.77	ppb
Molybdenum	94-1	1595.76	1620.08	1599.01	1604.95	0.82	ppb
Molybdenum	95-1	1943.07	1966.01	1969.08	1959.39	0.73	ppb
Molybdenum	96-1	1907.56	1939.63	1950.11	1932.43	1.15	ppb
Molybdenum	97-1	1935.10	1953.89	1968.94	1952.65	0.87	ppb
Molybdenum	98-1	1925.48	1974.11	1965.29	1954.96	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.10	5.07	5.24	5.13	ppb
Phosphorus	31-2	104352.69	102882.46	102735.84	103323.66	0.87	ppb
Potassium	39-2	98247.92	97239.87	97892.15	97793.31	0.52	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	0.55	0.08	0.16	0.26	94.86	ppb
Selenium	77-2	0.17	0.17	0.17	0.17	0.16	ppb
Selenium	78-2	-1.67	-1.47	-0.62	-1.25		ppb
Silicon	28-1	0.30	-0.29	-0.15	-0.05		ppb
Silver	107-1	0.05	0.04	0.04	0.04	14.78	ppb
Silver	109-1	0.05	0.04	0.04	0.04	17.52	ppb
Sodium	23-2	99834.68	98731.85	98610.30	99058.95	0.68	ppb
Strontium	86-1	828.10	833.46	841.41	834.32	0.80	ppb
Strontium	88-1	829.55	843.88	845.37	839.60	1.04	ppb
Sulfur	34-1	107836.98	106229.93	107302.50	107123.14	0.76	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.11	0.08	0.10	14.05	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	4.82	ppb
Tin	118-1	0.17	0.17	0.14	0.16	10.20	ppb
Titanium	47-1	2015.42	1991.49	2045.86	2017.59	1.35	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	5.68	ppb
Vanadium	51-2	0.20	0.20	0.20	0.20	0.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	10.95	11.09	10.76	10.93	1.53	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.33	ppb
Zirconium	91-1	0.02	0.04	0.05	0.04	35.64	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93662.65	93500.32	93196.44	93453.14	0.25	ppb
Antimony	121-1	20.93	21.97	21.69	21.53	2.51	ppb
Arsenic	75-2	22.13	21.64	21.61	21.79	1.35	ppb
Barium	135-1	21.18	22.27	21.72	21.73	2.49	ppb
Barium	137-1	21.58	22.07	21.95	21.86	1.17	ppb
Beryllium	9-1	21.05	21.50	20.99	21.18	1.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.83	26.81	25.53	25.72	3.89	ppb
Cadmium	106-1	15.03	17.82	16.76	16.54	8.51	ppb
Cadmium	111-1	19.00	19.94	19.54	19.49	2.42	ppb
Calcium	43-1	102247.40	103494.17	105278.12	103673.23	1.47	ppb
Calcium	44-1	102968.17	103485.01	103251.84	103235.01	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.42	40.30	40.52	40.41	0.27	ppb
Cobalt	59-2	21.46	21.35	21.40	21.40	0.24	ppb
Copper	63-2	26.50	26.19	26.34	26.35	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	105128.36	105046.17	104832.01	105002.18	0.15	ppb
Iron	57-2	105519.53	105207.41	104650.63	105125.86	0.42	ppb
Iron	54-2	105612.90	106348.69	105264.84	105742.14	0.52	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.04	25.43	25.41	25.29	0.87	ppb
Lead	207-1	23.73	23.89	24.13	23.92	0.85	ppb
Lead	208-1	24.17	24.39	24.59	24.38	0.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	100001.24	99999.13	100001.17	100000.52	0.00	ppb
Manganese	55-2	27.98	27.71	28.13	27.94	0.75	ppb
Molybdenum	94-1	1624.09	1635.62	1667.38	1642.36	1.36	ppb
Molybdenum	95-1	1967.08	2009.33	2019.28	1998.56	1.39	ppb
Molybdenum	96-1	1933.34	1983.14	1996.09	1970.85	1.68	ppb
Molybdenum	97-1	1956.97	2009.64	2032.96	1999.86	1.95	ppb
Molybdenum	98-1	1962.67	2018.62	2031.95	2004.42	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.85	25.39	25.49	25.57	0.94	ppb
Phosphorus	31-2	105333.30	104368.49	103933.00	104544.93	0.69	ppb
Potassium	39-2	99399.22	100243.69	99413.44	99685.45	0.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	20.19	20.55	20.93	20.56	1.81	ppb
Selenium	77-2	20.78	17.90	22.23	20.30	10.86	ppb
Selenium	78-2	19.87	18.87	20.55	19.77	4.28	ppb
Silicon	28-1	0.23	0.39	0.68	0.43	52.15	ppb
Silver	107-1	19.16	19.88	19.63	19.56	1.88	ppb
Silver	109-1	18.97	19.97	19.55	19.49	2.56	ppb
Sodium	23-2	100805.67	101015.18	100898.06	100906.30	0.10	ppb
Strontium	86-1	848.92	864.51	866.19	859.88	1.11	ppb
Strontium	88-1	843.86	864.31	869.06	859.08	1.56	ppb
Sulfur	34-1	108356.36	106718.74	109272.16	108115.75	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	20.64	20.78	20.59	20.67	0.49	ppb
Thallium	205-1	20.66	20.68	20.74	20.69	0.21	ppb
Tin	118-1	0.15	0.18	0.13	0.15	13.40	ppb
Titanium	47-1	2036.91	2054.86	2057.25	2049.67	0.54	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.37	ppb
Vanadium	51-2	20.25	20.28	20.34	20.29	0.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	31.69	31.75	31.28	31.57	0.82	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	19.34	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	13.88	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49940.19	49715.15	49657.57	49770.97	0.30	ppb
Antimony	121-1	495.93	495.88	500.09	497.30	0.49	ppb
Arsenic	75-2	490.22	493.13	498.74	494.03	0.88	ppb
Barium	135-1	2533.29	2495.62	2561.86	2530.26	1.31	ppb
Barium	137-1	2500.60	2540.42	2540.02	2527.01	0.91	ppb
Beryllium	9-1	491.85	495.30	496.13	494.43	0.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.34	490.47	498.38	491.40	1.34	ppb
Cadmium	106-1	491.60	492.80	494.95	493.12	0.34	ppb
Cadmium	111-1	471.01	479.69	476.92	475.87	0.93	ppb
Calcium	43-1	256734.75	253350.98	257367.91	255817.88	0.84	ppb
Calcium	44-1	256600.62	257508.24	258600.59	257569.82	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.89	493.00	499.15	496.68	0.65	ppb
Cobalt	59-2	488.41	488.40	487.91	488.24	0.06	ppb
Copper	63-2	4798.25	4753.36	4777.77	4776.46	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				91		%
Indium	115-2				88		%
Iron	56-2	126995.38	127102.01	127336.91	127144.77	0.14	ppb
Iron	57-2	127948.94	125784.69	128219.00	127317.54	1.05	ppb
Iron	54-2	127931.10	127364.71	127849.26	127715.02	0.24	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2561.83	2551.53	2609.35	2574.24	1.20	ppb
Lead	207-1	2562.51	2551.06	2597.12	2570.23	0.93	ppb
Lead	208-1	2551.68	2551.35	2597.76	2566.93	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	253468.80	251296.18	252192.66	252319.22	0.43	ppb
Manganese	55-2	4965.30	4941.33	4952.20	4952.95	0.24	ppb
Molybdenum	94-1	5002.95	5123.47	5046.46	5057.63	1.21	ppb
Molybdenum	95-1	5041.22	5082.51	5035.55	5053.10	0.51	ppb
Molybdenum	96-1	5039.02	5062.07	5082.74	5061.28	0.43	ppb
Molybdenum	97-1	5063.36	5104.29	5053.38	5073.67	0.53	ppb
Molybdenum	98-1	5052.27	5075.09	5030.54	5052.64	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.50	464.76	467.44	467.23	0.51	ppb
Phosphorus	31-2	10144.01	9954.45	9970.76	10023.07	1.05	ppb
Potassium	39-2	125543.18	125278.78	125066.15	125296.04	0.19	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	477.18	485.61	482.48	481.76	0.88	ppb
Selenium	77-2	475.11	499.04	478.86	484.34	2.66	ppb
Selenium	78-2	484.99	485.03	471.13	480.38	1.67	ppb
Silicon	28-1	250.49	249.88	253.61	251.33	0.80	ppb
Silver	107-1	483.24	484.20	490.06	485.83	0.76	ppb
Silver	109-1	490.72	485.59	495.59	490.63	1.02	ppb
Sodium	23-2	249921.38	251072.30	250852.47	250615.39	0.24	ppb
Strontium	86-1	12668.98	12779.74	12603.73	12684.15	0.70	ppb
Strontium	88-1	12493.27	12761.99	12663.77	12639.68	1.08	ppb
Sulfur	34-1	9715.87	9745.44	9836.34	9765.88	0.64	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	512.52	522.19	525.88	520.19	1.33	ppb
Thallium	205-1	513.13	517.24	523.64	518.00	1.02	ppb
Tin	118-1	499.78	501.75	506.86	502.80	0.73	ppb
Titanium	47-1	4983.13	4989.57	5015.13	4995.94	0.34	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.75	523.58	533.51	523.61	1.89	ppb
Vanadium	51-2	514.69	507.40	507.62	509.91	0.81	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	4747.74	4708.08	4726.99	4727.61	0.42	ppb
Zirconium	90-1	501.10	509.13	508.56	506.26	0.89	ppb
Zirconium	91-1	502.52	516.26	506.11	508.30	1.40	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	2.73	2.29	2.64	11.61	ppb
Antimony	121-1	0.23	0.22	0.25	0.23	6.25	ppb
Arsenic	75-2	0.00	0.02	0.00	0.00	198.79	ppb
Barium	135-1	0.16	0.18	0.19	0.18	8.68	ppb
Barium	137-1	0.17	0.16	0.18	0.17	8.10	ppb
Beryllium	9-1	0.09	0.11	0.13	0.11	17.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.06	0.08	0.07	15.78	ppb
Cadmium	106-1	1.14	-0.31	-0.55	0.09	1006.70	ppb
Cadmium	111-1	0.07	0.04	0.04	0.05	31.55	ppb
Calcium	43-1	17.32	15.57	20.81	17.90	14.92	ppb
Calcium	44-1	16.71	18.60	21.54	18.95	12.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.01	162.87	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	16.16	ppb
Copper	63-2	0.32	0.30	0.28	0.30	6.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	7.38	7.19	6.25	6.94	8.69	ppb
Iron	57-2	5.37	7.14	5.17	5.89	18.40	ppb
Iron	54-2	7.08	6.14	6.77	6.66	7.19	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.23	0.24	0.22	8.92	ppb
Lead	207-1	0.19	0.21	0.23	0.21	9.26	ppb
Lead	208-1	0.20	0.21	0.23	0.21	8.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.32	11.19	10.08	11.19	9.98	ppb
Manganese	55-2	0.30	0.29	0.25	0.28	9.55	ppb
Molybdenum	94-1	0.49	0.50	0.55	0.51	6.42	ppb
Molybdenum	95-1	0.45	0.45	0.46	0.45	2.02	ppb
Molybdenum	96-1	0.45	0.47	0.51	0.48	6.66	ppb
Molybdenum	97-1	0.46	0.46	0.49	0.47	2.99	ppb
Molybdenum	98-1	0.42	0.46	0.49	0.46	7.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	-0.01	0.01	261.68	ppb
Phosphorus	31-2	-14.51	-12.82	-14.72	-14.02		ppb
Potassium	39-2	6.76	9.21	6.89	7.62	18.15	ppb
Rhodium	103-1				91		%
Rhodium	103-2				99		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	82-1	0.29	0.01	-0.19	0.04	633.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.96	-0.40	-0.26	-0.54		ppb
Silicon	28-1	-2.71	-3.27	0.09	-1.96		ppb
Silver	107-1	0.07	0.07	0.08	0.07	6.23	ppb
Silver	109-1	0.08	0.07	0.07	0.08	8.77	ppb
Sodium	23-2	58.31	54.82	52.94	55.36	4.92	ppb
Strontium	86-1	0.63	0.89	1.16	0.90	29.65	ppb
Strontium	88-1	0.75	0.81	0.92	0.83	10.50	ppb
Sulfur	34-1	-330.02	-357.78	412.03	-91.92		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.09	0.10	0.10	3.03	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	7.30	ppb
Tin	118-1	0.07	0.07	0.09	0.08	17.39	ppb
Titanium	47-1	0.37	0.56	0.46	0.46	21.19	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.04	0.04	9.00	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	18.68	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	0.32	0.20	0.24	0.25	25.00	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	11.96	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	17.86	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	19.58	19.98	19.75	1.05	ppb
Antimony	121-1	2.17	2.12	2.18	2.16	1.61	ppb
Arsenic	75-2	1.09	1.08	1.05	1.07	2.23	ppb
Barium	135-1	10.14	9.88	10.05	10.02	1.28	ppb
Barium	137-1	10.07	10.12	10.38	10.19	1.61	ppb
Beryllium	9-1	1.26	1.10	1.03	1.13	10.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.35	1.03	1.21	13.79	ppb
Cadmium	106-1	1.49	0.90	0.89	1.09	31.41	ppb
Cadmium	111-1	1.14	1.07	1.10	1.10	3.11	ppb
Calcium	43-1	565.94	542.42	559.08	555.82	2.18	ppb
Calcium	44-1	564.58	554.15	556.39	558.38	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.07	2.02	2.06	1.86	ppb
Cobalt	59-2	1.06	1.06	1.06	1.06	0.24	ppb
Copper	63-2	2.11	2.07	2.08	2.09	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	55.12	55.21	55.01	55.11	0.18	ppb
Iron	57-2	56.76	58.15	56.70	57.21	1.43	ppb
Iron	54-2	58.11	56.55	58.43	57.69	1.75	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.02	1.02	0.98	1.01	2.18	ppb
Lead	207-1	1.01	0.99	1.04	1.01	2.63	ppb
Lead	208-1	1.03	1.00	1.02	1.02	1.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	522.37	520.90	516.11	519.79	0.63	ppb
Manganese	55-2	1.08	1.08	1.10	1.08	0.93	ppb
Molybdenum	94-1	6.13	6.13	5.84	6.03	2.75	ppb
Molybdenum	95-1	5.04	5.08	5.08	5.07	0.45	ppb
Molybdenum	96-1	5.30	5.23	5.18	5.24	1.14	ppb
Molybdenum	97-1	5.17	5.14	5.05	5.12	1.25	ppb
Molybdenum	98-1	5.15	5.10	5.07	5.11	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.04	0.97	1.04	6.04	ppb
Phosphorus	31-2	20.67	27.25	11.15	19.69	41.13	ppb
Potassium	39-2	516.96	519.01	521.14	519.04	0.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	5.39	5.29	5.76	5.48	4.53	ppb
Selenium	77-2	6.09	5.86	5.93	5.96	1.98	ppb
Selenium	78-2	4.48	5.20	4.20	4.63	11.16	ppb
Silicon	28-1	-2.42	-2.23	-1.88	-2.18		ppb
Silver	107-1	1.05	1.06	1.09	1.07	1.87	ppb
Silver	109-1	1.06	1.03	1.07	1.05	2.01	ppb
Sodium	23-2	498.49	500.63	500.92	500.02	0.27	ppb
Strontium	86-1	25.91	27.00	25.94	26.28	2.36	ppb
Strontium	88-1	26.22	25.94	25.38	25.84	1.65	ppb
Sulfur	34-1	-370.09	-285.44	-206.92	-287.48		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1.00	1.00	1.03	1.01	1.60	ppb
Thallium	205-1	1.02	1.00	1.02	1.01	0.81	ppb
Tin	118-1	5.31	5.18	5.35	5.28	1.69	ppb
Titanium	47-1	5.50	5.09	4.97	5.18	5.35	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.91	0.90	0.92	4.02	ppb
Vanadium	51-2	5.09	5.27	5.11	5.16	1.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	5.62	5.64	5.26	5.51	3.82	ppb
Zirconium	90-1	1.01	1.02	1.01	1.01	0.84	ppb
Zirconium	91-1	1.02	0.99	0.99	1.00	1.27	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12041.05	12083.89	11961.40	12028.78	0.52	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.40	ppb
Arsenic	75-2	0.87	0.69	0.90	0.82	13.91	ppb
Barium	135-1	20.96	20.81	20.92	20.90	0.39	ppb
Barium	137-1	21.10	21.21	21.42	21.24	0.78	ppb
Beryllium	9-1	0.34	0.36	0.35	0.35	1.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.17	0.00	0.10	87.08	ppb
Cadmium	106-1	1.41	0.76	0.77	0.98	37.98	ppb
Cadmium	111-1	0.13	0.14	0.13	0.14	3.29	ppb
Calcium	43-1	43368.32	45232.00	43149.09	43916.47	2.61	ppb
Calcium	44-1	43372.15	43984.13	43701.53	43685.94	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.62	3.52	3.64	3.59	1.70	ppb
Cobalt	59-2	33.62	33.57	33.36	33.52	0.41	ppb
Copper	63-2	7.72	7.80	7.65	7.72	1.02	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				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	105370.68	106488.23	105326.16	105728.36	0.62	ppb
Iron	57-2	104147.73	105552.97	104640.18	104780.29	0.68	ppb
Iron	54-2	106462.41	106216.69	106529.19	106402.76	0.15	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.42	0.43	0.43	0.43	1.15	ppb
Lead	207-1	0.38	0.38	0.40	0.39	2.77	ppb
Lead	208-1	0.40	0.40	0.41	0.41	1.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	20179.26	20182.06	20169.95	20177.09	0.03	ppb
Manganese	55-2	1614.62	1601.56	1610.83	1609.00	0.42	ppb
Molybdenum	94-1	0.93	0.98	0.97	0.96	2.60	ppb
Molybdenum	95-1	0.28	0.27	0.26	0.27	3.27	ppb
Molybdenum	96-1	0.98	1.01	0.99	0.99	1.56	ppb
Molybdenum	97-1	0.27	0.29	0.28	0.28	4.31	ppb
Molybdenum	98-1	0.26	0.27	0.26	0.26	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.15	13.42	13.31	13.29	1.03	ppb
Phosphorus	31-2	303.40	303.98	311.15	306.18	1.41	ppb
Potassium	39-2	350.23	357.47	353.69	353.79	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.79	0.54	0.35	0.56	39.72	ppb
Selenium	77-2	7.81	7.70	7.48	7.67	2.19	ppb
Selenium	78-2	0.63	1.12	1.44	1.06	38.28	ppb
Silicon	28-1	2504.18	2593.38	2533.33	2543.63	1.79	ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.65	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.60	ppb
Sodium	23-2	6328.22	6310.58	6383.77	6340.86	0.60	ppb
Strontium	86-1	2309.23	2307.15	2380.29	2332.23	1.79	ppb
Strontium	88-1	2381.13	2427.10	2445.43	2417.88	1.37	ppb
Sulfur	34-1	126157.43	129180.71	127277.32	127538.49	1.20	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.04	0.04	7.44	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.34	ppb
Tin	118-1	0.20	0.15	0.15	0.17	15.24	ppb
Titanium	47-1	2.22	1.99	2.09	2.10	5.40	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.25	1.25	1.24	0.81	ppb
Vanadium	51-2	118.94	118.98	118.91	118.94	0.03	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	123.41	122.66	122.27	122.78	0.47	ppb
Zirconium	90-1	0.38	0.37	0.39	0.38	2.77	ppb
Zirconium	91-1	0.36	0.39	0.39	0.38	4.27	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12169.15	12190.67	12283.17	12214.33	0.50	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	10.64	ppb
Arsenic	75-2	0.82	0.88	0.77	0.82	6.32	ppb
Barium	135-1	21.42	21.98	20.92	21.44	2.46	ppb
Barium	137-1	21.62	22.35	21.57	21.84	2.00	ppb
Beryllium	9-1	0.32	0.36	0.33	0.34	7.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.20	0.16	0.15	36.73	ppb
Cadmium	106-1	1.00	2.34	1.38	1.57	43.79	ppb
Cadmium	111-1	0.13	0.18	0.14	0.15	17.34	ppb
Calcium	43-1	44694.14	46498.76	44222.83	45138.58	2.66	ppb
Calcium	44-1	44591.12	45825.04	44482.46	44966.21	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.74	3.73	3.67	3.71	1.07	ppb
Cobalt	59-2	34.36	34.28	34.02	34.22	0.52	ppb
Copper	63-2	7.88	7.78	7.79	7.82	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	108548.84	108310.83	107359.78	108073.15	0.58	ppb
Iron	57-2	107636.83	107096.82	107344.25	107359.30	0.25	ppb
Iron	54-2	108998.99	108281.60	108430.07	108570.22	0.35	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.41	0.46	0.42	0.43	5.53	ppb
Lead	207-1	0.40	0.37	0.42	0.40	6.76	ppb
Lead	208-1	0.41	0.42	0.42	0.42	1.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	20731.90	20431.91	20414.00	20525.94	0.87	ppb
Manganese	55-2	1640.96	1648.68	1645.36	1645.00	0.24	ppb
Molybdenum	94-1	0.75	0.79	0.71	0.75	5.18	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	11.88	ppb
Molybdenum	96-1	0.83	0.82	0.87	0.84	3.11	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	5.15	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.54	13.85	13.56	13.65	1.27	ppb
Phosphorus	31-2	307.67	323.67	299.23	310.19	4.00	ppb
Potassium	39-2	360.82	360.03	357.01	359.29	0.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.55	0.65	0.46	0.55	17.73	ppb
Selenium	77-2	9.64	8.98	6.96	8.53	16.41	ppb
Selenium	78-2	0.94	0.42	0.73	0.69	37.79	ppb
Silicon	28-1	2569.66	2666.14	2605.60	2613.80	1.87	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.11	ppb
Silver	109-1	0.01	0.01	0.02	0.01	12.95	ppb
Sodium	23-2	6394.11	6393.80	6437.87	6408.59	0.40	ppb
Strontium	86-1	2409.22	2452.58	2387.32	2416.37	1.37	ppb
Strontium	88-1	2481.01	2505.22	2460.02	2482.08	0.91	ppb
Sulfur	34-1	129702.86	134409.73	130208.27	131440.28	1.97	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.02	0.03	21.25	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.82	ppb
Tin	118-1	0.12	0.13	0.10	0.12	11.80	ppb
Titanium	47-1	1.92	2.19	1.97	2.03	7.27	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.28	1.29	1.28	1.75	ppb
Vanadium	51-2	122.36	121.80	120.78	121.65	0.66	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	126.91	124.76	124.62	125.43	1.02	ppb
Zirconium	90-1	0.35	0.37	0.36	0.36	2.76	ppb
Zirconium	91-1	0.39	0.40	0.38	0.39	1.92	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2331.47	2337.05	2335.55	2334.69	0.12	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.87	ppb
Arsenic	75-2	0.18	0.18	0.16	0.17	6.93	ppb
Barium	135-1	4.20	4.30	4.26	4.26	1.14	ppb
Barium	137-1	4.15	4.32	4.38	4.28	2.83	ppb
Beryllium	9-1	0.10	0.09	0.11	0.10	10.33	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.00	0.00	-0.01		ppb
Cadmium	106-1	0.85	0.43	-0.42	0.28	226.40	ppb
Cadmium	111-1	0.05	0.03	0.02	0.03	45.08	ppb
Calcium	43-1	8913.85	8819.07	8789.00	8840.64	0.74	ppb
Calcium	44-1	8679.49	8742.93	8690.85	8704.42	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.60	0.66	0.63	4.28	ppb
Cobalt	59-2	6.77	6.76	6.73	6.75	0.27	ppb
Copper	63-2	1.64	1.73	1.75	1.71	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	21248.84	21260.97	21226.27	21245.36	0.08	ppb
Iron	57-2	21197.90	21077.34	21257.33	21177.53	0.43	ppb
Iron	54-2	21611.02	21345.68	21528.94	21495.21	0.63	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.10	0.10	0.10	2.26	ppb
Lead	207-1	0.09	0.09	0.08	0.09	8.54	ppb
Lead	208-1	0.10	0.09	0.10	0.09	2.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	4141.70	4115.46	4033.74	4096.97	1.37	ppb
Manganese	55-2	324.17	329.36	315.32	322.95	2.20	ppb
Molybdenum	94-1	0.19	0.19	0.21	0.20	6.50	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	4.02	ppb
Molybdenum	96-1	0.22	0.21	0.21	0.21	0.98	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	11.90	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	10.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.53	2.79	2.63	5.55	ppb
Phosphorus	31-2	50.50	53.91	36.86	47.09	19.16	ppb
Potassium	39-2	69.58	72.30	70.29	70.73	2.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.65	0.11	-0.08	0.23	167.69	ppb
Selenium	77-2	1.37	1.05	1.51	1.31	17.78	ppb
Selenium	78-2	-0.16	-0.22	0.30	-0.03		ppb
Silicon	28-1	510.03	503.70	507.39	507.04	0.63	ppb
Silver	107-1	0.01	0.00	0.00	0.01	42.44	ppb
Silver	109-1	0.01	0.01	0.00	0.01	24.11	ppb
Sodium	23-2	1198.87	1201.64	1194.54	1198.35	0.30	ppb
Strontium	86-1	507.09	499.28	506.65	504.34	0.87	ppb
Strontium	88-1	499.51	494.31	498.64	497.49	0.56	ppb
Sulfur	34-1	26496.11	25789.93	26030.21	26105.41	1.38	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.02	0.02	17.29	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	27.24	ppb
Tin	118-1	0.06	0.06	0.06	0.06	2.06	ppb
Titanium	47-1	0.42	0.44	0.44	0.43	1.89	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.24	0.24	3.78	ppb
Vanadium	51-2	23.92	23.83	23.75	23.84	0.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	25.59	25.35	25.49	25.48	0.48	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	1.43	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	3.87	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12511.03	12593.73	12506.97	12537.24	0.39	ppb
Antimony	121-1	56.70	61.48	61.89	60.02	4.80	ppb
Arsenic	75-2	60.48	60.15	61.59	60.74	1.24	ppb
Barium	135-1	289.23	312.13	314.69	305.35	4.59	ppb
Barium	137-1	304.85	325.22	327.10	319.06	3.87	ppb
Beryllium	9-1	57.19	63.09	62.96	61.08	5.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	60.86	66.78	67.49	65.04	5.60	ppb
Cadmium	106-1	64.93	68.43	68.62	67.33	3.08	ppb
Cadmium	111-1	61.46	66.37	66.07	64.63	4.25	ppb
Calcium	43-1	43156.36	46999.89	46124.71	45426.99	4.43	ppb
Calcium	44-1	42833.54	46461.00	46995.02	45429.86	4.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.77	62.91	62.50	62.73	0.33	ppb
Cobalt	59-2	93.91	93.49	93.22	93.54	0.37	ppb
Copper	63-2	531.30	523.30	531.27	528.62	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	103718.32	103748.04	104222.43	103896.26	0.27	ppb
Iron	57-2	103220.65	103409.84	103370.41	103333.63	0.10	ppb
Iron	54-2	105528.43	103547.70	104463.55	104513.23	0.95	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	234.01	244.44	249.02	242.49	3.17	ppb
Lead	207-1	232.59	248.79	248.59	243.32	3.82	ppb
Lead	208-1	230.16	247.22	250.08	242.49	4.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	24081.93	24108.57	23970.62	24053.71	0.30	ppb
Manganese	55-2	2014.75	1991.00	2025.01	2010.25	0.87	ppb
Molybdenum	94-1	347.66	378.32	382.57	369.52	5.16	ppb
Molybdenum	95-1	310.86	328.78	341.15	326.93	4.66	ppb
Molybdenum	96-1	310.92	340.53	342.85	331.43	5.37	ppb
Molybdenum	97-1	296.36	326.03	327.54	316.64	5.55	ppb
Molybdenum	98-1	303.54	329.12	332.25	321.64	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.88	73.47	73.73	73.69	0.29	ppb
Phosphorus	31-2	284.85	293.98	299.29	292.71	2.50	ppb
Potassium	39-2	3341.10	3343.82	3377.71	3354.21	0.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	52.79	57.48	59.70	56.66	6.22	ppb
Selenium	77-2	66.38	65.13	63.11	64.88	2.54	ppb
Selenium	78-2	62.26	60.48	59.83	60.85	2.07	ppb
Silicon	28-1	2186.85	2413.01	2401.63	2333.83	5.46	ppb
Silver	107-1	0.11	0.11	0.12	0.12	4.22	ppb
Silver	109-1	0.07	0.08	0.08	0.08	5.38	ppb
Sodium	23-2	10808.11	10751.50	10735.22	10764.94	0.36	ppb
Strontium	86-1	3377.50	3616.30	3665.80	3553.20	4.34	ppb
Strontium	88-1	3445.06	3720.52	3750.25	3638.61	4.62	ppb
Sulfur	34-1	111553.27	120685.24	120839.48	117692.66	4.52	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	55.23	59.84	59.76	58.27	4.53	ppb
Thallium	205-1	55.52	59.65	60.06	58.41	4.29	ppb
Tin	118-1	55.82	60.71	61.41	59.31	5.14	ppb
Titanium	47-1	207.85	227.34	230.94	222.04	5.59	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	57.32	61.92	61.82	60.36	4.36	ppb
Vanadium	51-2	175.56	175.61	176.33	175.83	0.24	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	608.35	605.33	606.82	606.83	0.25	ppb
Zirconium	90-1	51.54	56.15	56.63	54.77	5.13	ppb
Zirconium	91-1	51.59	56.32	57.09	55.00	5.41	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12617.78	12633.87	12495.91	12582.52	0.60	ppb
Antimony	121-1	60.39	62.41	63.18	62.00	2.32	ppb
Arsenic	75-2	59.27	59.20	59.90	59.46	0.65	ppb
Barium	135-1	309.94	318.36	319.38	315.89	1.64	ppb
Barium	137-1	316.92	327.27	333.86	326.02	2.62	ppb
Beryllium	9-1	62.32	63.37	62.12	62.60	1.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	65.60	66.39	70.60	67.53	3.98	ppb
Cadmium	106-1	68.88	68.77	72.00	69.88	2.63	ppb
Cadmium	111-1	65.03	67.04	67.39	66.49	1.92	ppb
Calcium	43-1	45805.65	46251.56	47539.86	46532.36	1.94	ppb
Calcium	44-1	45949.08	46489.51	47374.30	46604.30	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.98	62.56	62.59	62.71	0.38	ppb
Cobalt	59-2	94.34	93.61	93.41	93.79	0.52	ppb
Copper	63-2	533.88	525.58	529.81	529.76	0.78	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				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	105062.92	103935.44	104571.68	104523.35	0.54	ppb
Iron	57-2	104139.97	103532.86	102973.36	103548.73	0.56	ppb
Iron	54-2	104815.57	104174.53	104806.62	104598.90	0.35	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	239.08	252.32	244.75	245.38	2.71	ppb
Lead	207-1	242.93	247.92	250.19	247.01	1.50	ppb
Lead	208-1	242.23	249.00	248.91	246.71	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	23909.48	23581.90	24064.74	23852.04	1.03	ppb
Manganese	55-2	2026.44	1985.00	2006.48	2005.97	1.03	ppb
Molybdenum	94-1	370.54	376.20	385.56	377.43	2.01	ppb
Molybdenum	95-1	320.92	337.50	338.82	332.41	3.00	ppb
Molybdenum	96-1	333.28	339.95	344.48	339.24	1.66	ppb
Molybdenum	97-1	321.04	326.16	329.57	325.59	1.32	ppb
Molybdenum	98-1	327.12	332.18	333.73	331.01	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.74	74.64	74.15	74.18	0.61	ppb
Phosphorus	31-2	279.18	293.18	291.32	287.90	2.64	ppb
Potassium	39-2	3343.34	3347.49	3380.40	3357.07	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	57.84	58.89	58.79	58.51	0.99	ppb
Selenium	77-2	65.76	63.32	60.44	63.17	4.22	ppb
Selenium	78-2	62.51	58.75	63.44	61.57	4.03	ppb
Silicon	28-1	2379.63	2395.21	2463.51	2412.78	1.85	ppb
Silver	107-1	0.12	0.12	0.12	0.12	0.61	ppb
Silver	109-1	0.07	0.06	0.07	0.07	7.62	ppb
Sodium	23-2	10753.52	10540.11	10826.23	10706.62	1.39	ppb
Strontium	86-1	3581.43	3668.21	3735.89	3661.84	2.11	ppb
Strontium	88-1	3671.75	3745.48	3761.02	3726.09	1.28	ppb
Sulfur	34-1	118194.08	118358.01	123785.21	120112.44	2.65	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	58.52	60.57	60.10	59.73	1.79	ppb
Thallium	205-1	58.31	60.38	60.08	59.59	1.88	ppb
Tin	118-1	59.56	60.92	62.92	61.13	2.76	ppb
Titanium	47-1	224.57	227.89	232.83	228.43	1.82	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	59.03	62.89	61.55	61.16	3.21	ppb
Vanadium	51-2	176.45	175.41	175.41	175.76	0.34	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	610.94	607.31	606.61	608.29	0.38	ppb
Zirconium	90-1	55.18	56.70	57.08	56.32	1.78	ppb
Zirconium	91-1	55.56	56.64	57.99	56.73	2.15	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12451.34	12314.32	12352.80	12372.82	0.57	ppb
Antimony	121-1	58.63	60.15	62.13	60.30	2.91	ppb
Arsenic	75-2	59.46	59.34	59.99	59.60	0.58	ppb
Barium	135-1	300.04	306.85	317.61	308.16	2.88	ppb
Barium	137-1	315.14	322.38	333.78	323.77	2.90	ppb
Beryllium	9-1	61.50	62.17	62.00	61.89	0.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	62.16	63.34	66.60	64.03	3.59	ppb
Cadmium	106-1	65.16	65.78	70.22	67.06	4.12	ppb
Cadmium	111-1	62.97	64.71	66.42	64.70	2.67	ppb
Calcium	43-1	44751.77	46031.06	46880.78	45887.87	2.34	ppb
Calcium	44-1	44617.05	46131.49	46517.09	45755.21	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.54	62.60	62.03	62.39	0.50	ppb
Cobalt	59-2	93.56	93.07	93.40	93.34	0.27	ppb
Copper	63-2	524.37	520.42	518.47	521.09	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	104309.02	103552.07	103318.87	103726.66	0.50	ppb
Iron	57-2	104017.72	101645.67	103355.83	103006.41	1.19	ppb
Iron	54-2	104893.09	103695.74	103755.23	104114.69	0.65	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.03	247.48	242.04	239.85	3.72	ppb
Lead	207-1	234.74	241.96	248.30	241.67	2.81	ppb
Lead	208-1	234.65	244.80	245.32	241.59	2.49	ppb
Lithium	6-1				101		%
Magnesium	24-2	23778.67	23567.95	23545.22	23630.61	0.54	ppb
Manganese	55-2	2008.83	1968.86	1996.69	1991.46	1.03	ppb
Molybdenum	94-1	359.48	370.79	373.03	367.77	1.98	ppb
Molybdenum	95-1	318.39	327.77	334.28	326.82	2.44	ppb
Molybdenum	96-1	328.62	338.32	340.05	335.66	1.84	ppb
Molybdenum	97-1	313.16	321.30	330.52	321.66	2.70	ppb
Molybdenum	98-1	318.14	329.85	334.06	327.35	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.04	73.55	72.61	73.07	0.65	ppb
Phosphorus	31-2	297.75	293.45	300.17	297.12	1.15	ppb
Potassium	39-2	3312.83	3294.65	3308.47	3305.32	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	55.85	59.15	59.04	58.01	3.24	ppb
Selenium	77-2	59.69	68.47	63.97	64.04	6.85	ppb
Selenium	78-2	58.68	58.47	58.63	58.59	0.18	ppb
Silicon	28-1	2289.48	2402.82	2408.70	2367.00	2.84	ppb
Silver	107-1	0.12	0.11	0.13	0.12	8.39	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.86	ppb
Sodium	23-2	10752.96	10663.47	10639.33	10685.26	0.56	ppb
Strontium	86-1	3525.96	3597.44	3685.70	3603.03	2.22	ppb
Strontium	88-1	3592.72	3699.05	3695.34	3662.37	1.65	ppb
Sulfur	34-1	116760.29	119381.92	120364.57	118835.60	1.57	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	56.32	58.80	59.85	58.32	3.11	ppb
Thallium	205-1	56.31	59.07	60.35	58.58	3.52	ppb
Tin	118-1	57.85	60.17	61.63	59.88	3.19	ppb
Titanium	47-1	216.72	226.26	228.89	223.96	2.86	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	57.93	60.40	62.34	60.22	3.67	ppb
Vanadium	51-2	175.06	173.54	174.12	174.24	0.44	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	601.55	603.46	600.36	601.79	0.26	ppb
Zirconium	90-1	53.88	55.89	57.04	55.60	2.88	ppb
Zirconium	91-1	54.73	56.24	57.17	56.04	2.20	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11086.85	11803.16	11609.96	11499.99	3.22	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	8.21	ppb
Arsenic	75-2	0.69	0.69	0.69	0.69	0.09	ppb
Barium	135-1	19.32	20.11	19.58	19.67	2.03	ppb
Barium	137-1	19.47	20.35	19.79	19.87	2.23	ppb
Beryllium	9-1	0.46	0.31	0.37	0.38	20.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.16	0.09	0.12	31.28	ppb
Cadmium	106-1	1.39	0.91	1.73	1.34	30.82	ppb
Cadmium	111-1	0.13	0.15	0.14	0.14	6.50	ppb
Calcium	43-1	39201.12	40633.84	39925.59	39920.18	1.79	ppb
Calcium	44-1	39001.50	40438.78	40086.34	39842.21	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.73	2.86	2.86	2.81	2.65	ppb
Cobalt	59-2	34.57	36.50	35.14	35.41	2.80	ppb
Copper	63-2	7.02	7.24	7.07	7.11	1.57	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	105338.35	109739.69	106768.74	107282.26	2.09	ppb
Iron	57-2	104581.04	108752.86	106242.28	106525.40	1.97	ppb
Iron	54-2	104967.14	111311.40	106845.09	107707.88	3.03	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.35	0.35	0.34	0.35	2.06	ppb
Lead	207-1	0.31	0.31	0.32	0.32	1.66	ppb
Lead	208-1	0.35	0.34	0.33	0.34	2.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	16923.52	17672.07	17371.87	17322.49	2.17	ppb
Manganese	55-2	1565.67	1639.37	1596.08	1600.37	2.31	ppb
Molybdenum	94-1	1.10	1.07	1.07	1.08	1.19	ppb
Molybdenum	95-1	0.11	0.09	0.06	0.09	25.37	ppb
Molybdenum	96-1	0.87	0.90	0.86	0.88	2.71	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	8.83	ppb
Molybdenum	98-1	0.08	0.07	0.05	0.07	29.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.40	8.53	8.54	8.49	0.89	ppb
Phosphorus	31-2	269.55	255.66	249.50	258.24	3.98	ppb
Potassium	39-2	371.30	395.63	382.49	383.14	3.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.21	0.45	0.22	0.29	47.02	ppb
Selenium	77-2	6.20	8.33	8.67	7.73	17.33	ppb
Selenium	78-2	1.03	1.24	1.06	1.11	10.20	ppb
Silicon	28-1	2686.65	2767.41	2732.01	2728.69	1.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.72	ppb
Sodium	23-2	5484.13	5820.58	5711.76	5672.16	3.03	ppb
Strontium	86-1	2322.17	2372.25	2345.24	2346.55	1.07	ppb
Strontium	88-1	2391.94	2445.23	2453.58	2430.25	1.38	ppb
Sulfur	34-1	115820.34	116926.44	117700.89	116815.89	0.81	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.02	0.03	26.31	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	20.98	ppb
Tin	118-1	0.17	0.20	0.17	0.18	7.32	ppb
Titanium	47-1	2.08	2.14	2.15	2.12	1.88	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.23	1.25	1.23	1.87	ppb
Vanadium	51-2	110.31	115.90	112.23	112.81	2.51	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	128.10	133.87	131.74	131.23	2.22	ppb
Zirconium	90-1	0.50	0.54	0.51	0.52	3.70	ppb
Zirconium	91-1	0.53	0.53	0.53	0.53	0.18	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10462.32	10466.85	10543.53	10490.90	0.44	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	9.55	ppb
Arsenic	75-2	0.82	0.75	0.71	0.76	6.87	ppb
Barium	135-1	19.91	20.49	20.01	20.14	1.54	ppb
Barium	137-1	20.33	20.76	20.34	20.48	1.20	ppb
Beryllium	9-1	0.28	0.33	0.35	0.32	11.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.10	0.00	0.05	118.25	ppb
Cadmium	106-1	1.37	0.93	1.02	1.11	20.99	ppb
Cadmium	111-1	0.15	0.13	0.14	0.14	4.87	ppb
Calcium	43-1	49102.17	49315.58	50513.64	49643.80	1.53	ppb
Calcium	44-1	48310.16	49262.78	49693.01	49088.65	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.50	2.46	2.44	2.47	1.20	ppb
Cobalt	59-2	32.66	33.00	32.96	32.88	0.56	ppb
Copper	63-2	5.55	5.57	5.51	5.54	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				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	104308.13	106557.62	105633.93	105499.89	1.07	ppb
Iron	57-2	103411.89	104505.72	104092.48	104003.36	0.53	ppb
Iron	54-2	104621.65	105977.96	105971.98	105523.86	0.74	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.24	0.26	0.25	4.41	ppb
Lead	207-1	0.22	0.23	0.23	0.23	3.34	ppb
Lead	208-1	0.24	0.24	0.24	0.24	1.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	17554.67	17788.68	17699.75	17681.04	0.67	ppb
Manganese	55-2	1824.40	1838.24	1846.34	1836.33	0.60	ppb
Molybdenum	94-1	0.83	0.80	0.76	0.80	4.44	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	32.21	ppb
Molybdenum	96-1	0.83	0.82	0.80	0.82	1.62	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	16.13	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	36.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.04	8.13	8.19	8.12	0.97	ppb
Phosphorus	31-2	183.58	182.62	196.08	187.42	4.01	ppb
Potassium	39-2	361.81	369.94	369.64	367.13	1.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.11	0.36	0.39	0.29	53.23	ppb
Selenium	77-2	6.35	6.40	6.99	6.58	5.40	ppb
Selenium	78-2	1.39	1.71	0.48	1.19	53.33	ppb
Silicon	28-1	2494.07	2532.47	2498.89	2508.47	0.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.06	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.75	ppb
Sodium	23-2	5016.93	5109.06	5023.27	5049.75	1.02	ppb
Strontium	86-1	2659.61	2698.07	2677.72	2678.47	0.72	ppb
Strontium	88-1	2693.73	2783.20	2773.36	2750.10	1.78	ppb
Sulfur	34-1	121109.40	123345.48	124154.40	122869.76	1.28	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.40	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	13.43	ppb
Tin	118-1	0.14	0.14	0.14	0.14	2.33	ppb
Titanium	47-1	1.71	1.67	1.82	1.73	4.36	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.33	1.35	1.32	2.17	ppb
Vanadium	51-2	112.12	113.75	113.58	113.15	0.80	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	123.49	126.06	124.14	124.56	1.07	ppb
Zirconium	90-1	0.38	0.41	0.41	0.40	3.33	ppb
Zirconium	91-1	0.41	0.40	0.43	0.41	4.20	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49281.63	49254.84	49285.30	49273.92	0.03	ppb
Antimony	121-1	496.00	504.23	506.64	502.29	1.11	ppb
Arsenic	75-2	488.24	489.97	497.25	491.82	0.97	ppb
Barium	135-1	2526.57	2569.57	2519.10	2538.42	1.07	ppb
Barium	137-1	2509.42	2556.12	2503.45	2523.00	1.14	ppb
Beryllium	9-1	494.64	494.26	497.17	495.36	0.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.61	500.50	486.38	492.16	1.50	ppb
Cadmium	106-1	492.55	499.50	488.99	493.68	1.08	ppb
Cadmium	111-1	473.63	482.69	471.94	476.09	1.21	ppb
Calcium	43-1	254938.23	255292.86	258023.42	256084.84	0.66	ppb
Calcium	44-1	254509.93	253837.43	258360.47	255569.28	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.03	496.40	503.23	500.55	0.73	ppb
Cobalt	59-2	494.10	491.67	498.72	494.83	0.72	ppb
Copper	63-2	4799.72	4735.74	4835.19	4790.22	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	128326.44	127343.62	128081.31	127917.12	0.40	ppb
Iron	57-2	128417.67	128233.56	128604.95	128418.73	0.14	ppb
Iron	54-2	128593.05	127695.40	128344.63	128211.02	0.36	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2546.95	2618.61	2549.63	2571.73	1.58	ppb
Lead	207-1	2554.58	2593.89	2553.98	2567.48	0.89	ppb
Lead	208-1	2553.52	2598.69	2552.98	2568.40	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	250764.92	248607.97	251651.86	250341.58	0.63	ppb
Manganese	55-2	4961.47	4960.72	4949.64	4957.28	0.13	ppb
Molybdenum	94-1	5016.40	5061.99	5102.33	5060.24	0.85	ppb
Molybdenum	95-1	5016.61	5030.68	5113.15	5053.48	1.03	ppb
Molybdenum	96-1	5063.19	5069.15	5081.92	5071.42	0.19	ppb
Molybdenum	97-1	5045.25	5119.78	5070.58	5078.54	0.75	ppb
Molybdenum	98-1	4995.89	5138.03	5088.64	5074.19	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.26	467.73	469.72	469.57	0.38	ppb
Phosphorus	31-2	9949.67	9827.17	10020.29	9932.38	0.98	ppb
Potassium	39-2	125404.95	124830.34	124799.78	125011.69	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	475.22	487.65	482.72	481.87	1.30	ppb
Selenium	77-2	458.50	479.56	460.93	466.33	2.47	ppb
Selenium	78-2	476.51	471.96	478.54	475.67	0.71	ppb
Silicon	28-1	250.15	252.11	257.13	253.13	1.42	ppb
Silver	107-1	483.55	496.74	478.49	486.26	1.94	ppb
Silver	109-1	487.14	490.62	487.92	488.56	0.37	ppb
Sodium	23-2	249094.13	249447.45	250289.74	249610.44	0.25	ppb
Strontium	86-1	12428.11	12923.65	12879.38	12743.71	2.15	ppb
Strontium	88-1	12509.01	12685.00	12718.56	12637.53	0.89	ppb
Sulfur	34-1	9622.98	9579.19	9864.19	9688.79	1.58	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	518.55	529.22	517.18	521.65	1.26	ppb
Thallium	205-1	513.60	523.83	517.82	518.42	0.99	ppb
Tin	118-1	504.41	505.98	500.32	503.57	0.58	ppb
Titanium	47-1	4901.48	4956.72	5062.76	4973.65	1.65	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.46	529.34	515.19	521.66	1.37	ppb
Vanadium	51-2	504.04	502.31	512.27	506.21	1.05	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4726.80	4688.21	4762.45	4725.82	0.79	ppb
Zirconium	90-1	502.25	503.66	506.77	504.23	0.46	ppb
Zirconium	91-1	505.84	509.28	517.33	510.82	1.15	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.05	0.81	2.94	1.60	73.06	ppb
Antimony	121-1	0.27	0.23	0.19	0.23	17.58	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	851.66	ppb
Barium	135-1	0.39	0.23	0.11	0.24	58.15	ppb
Barium	137-1	0.41	0.23	0.14	0.26	53.35	ppb
Beryllium	9-1	0.16	0.11	0.10	0.13	27.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.01	0.02	0.02	179.05	ppb
Cadmium	106-1	-0.31	-1.26	-0.85	-0.81		ppb
Cadmium	111-1	0.08	0.04	0.02	0.05	72.40	ppb
Calcium	43-1	42.36	28.17	16.82	29.12	43.96	ppb
Calcium	44-1	42.79	27.74	14.58	28.37	49.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.00	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	50.11	ppb
Copper	63-2	0.16	0.15	0.12	0.14	14.70	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				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	4.68	3.88	7.98	5.51	39.38	ppb
Iron	57-2	3.19	1.93	7.31	4.14	67.88	ppb
Iron	54-2	4.58	3.59	6.66	4.94	31.61	ppb
Krypton	83-1						cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.27	0.15	0.27	46.16	ppb
Lead	207-1	0.38	0.28	0.13	0.26	48.58	ppb
Lead	208-1	0.39	0.27	0.14	0.26	46.55	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.33	4.69	18.27	9.43	81.20	ppb
Manganese	55-2	0.17	0.16	0.25	0.19	23.67	ppb
Molybdenum	94-1	0.95	0.67	0.36	0.66	44.31	ppb
Molybdenum	95-1	0.92	0.58	0.36	0.62	45.61	ppb
Molybdenum	96-1	0.87	0.57	0.32	0.59	46.49	ppb
Molybdenum	97-1	0.87	0.61	0.34	0.61	43.22	ppb
Molybdenum	98-1	0.91	0.61	0.33	0.62	46.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.04	-0.01		ppb
Phosphorus	31-2	-15.40	-16.67	-14.13	-15.40		ppb
Potassium	39-2	7.00	5.81	7.26	6.69	11.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.10	-0.36	-0.30	-0.19		ppb
Selenium	77-2	0.00	0.00	0.32	0.11	173.21	ppb
Selenium	78-2	-1.55	-1.13	-1.15	-1.28		ppb
Silicon	28-1	-2.72	-2.76	-2.93	-2.80		ppb
Silver	107-1	0.11	0.08	0.06	0.08	30.87	ppb
Silver	109-1	0.12	0.07	0.06	0.08	38.44	ppb
Sodium	23-2	35.59	33.31	41.38	36.76	11.32	ppb
Strontium	86-1	2.14	2.13	0.67	1.65	51.18	ppb
Strontium	88-1	2.06	1.18	0.66	1.30	54.61	ppb
Sulfur	34-1	-564.59	-410.57	-375.78	-450.31		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.07	0.05	0.07	27.85	ppb
Thallium	205-1	0.09	0.06	0.05	0.07	28.94	ppb
Tin	118-1	0.12	0.08	0.06	0.09	38.57	ppb
Titanium	47-1	0.92	0.57	0.33	0.60	48.68	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.05	0.02	0.05	50.56	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	65.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	0.13	0.17	0.23	0.18	28.99	ppb
Zirconium	90-1	0.10	0.09	0.05	0.08	34.22	ppb
Zirconium	91-1	0.11	0.07	0.06	0.08	31.10	ppb

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	93	107	98	7.88	cps
Antimony	121-1	43	53	80	59	32.19	cps
Arsenic	75-2	23	20	10	18	39.03	cps
Barium	135-1	53	60	70	61	13.73	cps
Barium	137-1	103	57	93	84	29.09	cps
Beryllium	9-1	70	77	63	70	9.53	cps
Bismuth	209-1	9131764	9033573	9211849	9125729	0.98	cps
Bismuth	209-2	8064088	8035867	8027063	8042339	0.24	cps
Bromine	81-1	14791	15265	15131	15062	1.62	cps
Bromine	81-2	220	233	193	216	9.45	cps
Cadmium	108-1	3	17	17	12	63.01	cps
Cadmium	106-1	4681	4497	4227	4469	5.11	cps
Cadmium	111-1	951	911	864	909	4.78	cps
Calcium	43-1	237	223	183	214	12.94	cps
Calcium	44-1	6625	6521	6705	6617	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2377	2190	2240	2269	4.26	cps
Cobalt	59-2	203	180	183	189	6.68	cps
Copper	63-2	1073	1117	1007	1066	5.20	cps
Dysprosium	156-1	20	7	10	12	56.76	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	50	80	80	70	24.74	cps
Erbium	164-2	63	60	57	60	5.55	cps
Gadolinium	160-1	90	47	43	60	43.39	cps
Gadolinium	160-2	690	660	710	687	3.66	cps
Holmium	165-1	15265650	14953494	14930579	15049908	1.24	cps
Holmium	165-2	11287602	11340922	11277327	11301950	0.30	cps
Indium	115-1	12756206	12728040	12629533	12704593	0.52	cps
Indium	115-2	4991309	5007176	4977079	4991855	0.30	cps
Iron	56-2	21783	21749	23166	22233	3.64	cps
Iron	57-2	1133	1297	1323	1251	8.22	cps
Iron	54-2	2787	2867	2717	2790	2.69	cps
Krypton	83-1	230	243	197	223	10.76	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377	450	407	411	8.97	cps
Lead	207-1	387	330	353	357	7.99	cps
Lead	208-1	1577	1590	1527	1565	2.13	cps
Lithium	6-1	1953923	1951255	1957512	1954230	0.16	cps
Magnesium	24-2	963	920	1063	982	7.48	cps
Manganese	55-2	300	287	310	299	3.92	cps
Molybdenum	94-1	427	320	423	390	15.55	cps
Molybdenum	95-1	323	320	313	319	1.60	cps
Molybdenum	96-1	320	333	360	338	6.03	cps
Molybdenum	97-1	187	153	170	170	9.80	cps
Molybdenum	98-1	403	457	453	438	6.83	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	727	673	710	703	3.88	cps
Phosphorus	31-2	160	197	157	171	12.97	cps
Potassium	39-2	57508	58817	57772	58032	1.19	cps
Rhodium	103-1	11798118	11924757	11782099	11834991	0.66	cps
Rhodium	103-2	7299053	7150658	7170799	7206837	1.12	cps
Scandium	45-1	7142726	7010433	7045090	7066083	0.97	cps
Scandium	45-2	651561	644270	640906	645579	0.84	cps
Selenium	82-1	113	94	177	128	34.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	487	450	503	480	5.68	cps
Silicon	28-1	672209	666941	675136	671428	0.62	cps
Silver	107-1	113	120	87	107	16.53	cps
Silver	109-1	53	60	47	53	12.50	cps
Sodium	23-2	20133	19569	19479	19727	1.80	cps
Strontium	86-1	343	350	323	339	4.10	cps
Strontium	88-1	170	163	183	172	5.91	cps
Sulfur	34-1	192635	189786	188480	190300	1.12	cps
Terbium	159-1	15646949	15540991	15483833	15557258	0.53	cps
Terbium	159-2	11321367	11037571	11044537	11134492	1.45	cps
Thallium	203-1	373	433	380	396	8.31	cps
Thallium	205-1	943	777	873	864	9.68	cps
Tin	118-1	1097	1190	1007	1098	8.35	cps
Titanium	47-1	63	70	67	67	5.00	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:36:11 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	7	10	12	56.76	cps
Vanadium	51-2	37	23	33	31	22.31	cps
Yttrium	89-1	19239131	19088925	19098314	19142123	0.44	cps
Yttrium	89-2	5609649	5540495	5491703	5547282	1.07	cps
Zinc	66-2	133	127	160	140	12.60	cps
Zirconium	90-1	773	770	737	760	2.67	cps
Zirconium	91-1	147	143	90	127	25.11	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	913	870	900	2.89	cps
Antimony	121-1	2694	2817	2870	2794	3.24	cps
Arsenic	75-2	90	117	87	98	16.82	cps
Barium	135-1	3397	3384	3344	3375	0.82	cps
Barium	137-1	5835	5768	5735	5779	0.88	cps
Beryllium	9-1	277	260	237	258	7.79	cps
Bismuth	209-1	9456182	8953634	9486630	9298815	3.22	cps
Bismuth	209-2	8149500	8167898	8176764	8164721	0.17	cps
Bromine	81-1	15218	15195	15625	15346	1.58	cps
Bromine	81-2	170	200	147	172	15.52	cps
Cadmium	108-1	53	23	50	42	38.95	cps
Cadmium	106-1	4924	4511	4621	4685	4.57	cps
Cadmium	111-1	Rejected	Rejected	Rejected			cps
Calcium	43-1	2073	2167	2150	2130	2.34	cps
Calcium	44-1	37249	37994	37790	37678	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3317	3427	3367	3370	1.63	cps
Cobalt	59-2	1193	1170	1083	1149	5.05	cps
Copper	63-2	2320	2450	2304	2358	3.41	cps
Dysprosium	156-1	17	3	10	10	66.70	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	80	70	77	76	6.74	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	43	70	40	51	32.17	cps
Gadolinium	160-2	740	670	703	704	4.97	cps
Holmium	165-1	15742321	14765151	15793390	15433621	3.75	cps
Holmium	165-2	11499469	11400437	11464679	11454861	0.44	cps
Indium	115-1	13023861	12206551	13297645	12842686	4.42	cps
Indium	115-2	5119088	5103793	5102086	5108322	0.18	cps
Iron	56-2	49535	49772	48973	49426	0.83	cps
Iron	57-2	2007	2067	1960	2011	2.66	cps
Iron	54-2	4567	4431	4374	4457	2.23	cps
Krypton	83-1	183	267	217	222	18.87	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1447	1290	1343	1360	5.86	cps
Lead	207-1	1197	1157	1170	1175	1.73	cps
Lead	208-1	5294	5350	5390	5345	0.91	cps
Lithium	6-1	2027678	1850533	2045731	1974647	5.46	cps
Magnesium	24-2	26900	27414	27007	27107	1.00	cps
Manganese	55-2	707	787	807	767	6.90	cps
Molybdenum	94-1	3007	3077	2964	3016	1.90	cps
Molybdenum	95-1	3547	3597	3674	3606	1.77	cps
Molybdenum	96-1	4067	3994	4121	4061	1.57	cps
Molybdenum	97-1	2327	2327	2114	2256	5.46	cps
Molybdenum	98-1	5708	5745	5351	5601	3.88	cps
Neodymium	150-1	10	13	7	10	33.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	900	1010	897	936	6.89	cps
Phosphorus	31-2	237	213	210	220	6.60	cps
Potassium	39-2	93796	94709	93974	94160	0.51	cps
Rhodium	103-1	12296483	11522907	12455090	12091493	4.12	cps
Rhodium	103-2	7435887	7475872	7415517	7442425	0.41	cps
Scandium	45-1	7252525	6844872	7380866	7159421	3.91	cps
Scandium	45-2	662709	661617	663338	662554	0.13	cps
Selenium	82-1	271	209	195	225	18.09	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	543	477	580	533	9.82	cps
Silicon	28-1	702944	704356	696408	701236	0.60	cps
Silver	107-1	1753	1630	1593	1659	5.05	cps
Silver	109-1	1533	1650	1603	1596	3.68	cps
Sodium	23-2	59983	59100	58849	59310	1.00	cps
Strontium	86-1	747	800	797	781	3.82	cps
Strontium	88-1	3911	3901	3917	3909	0.21	cps
Sulfur	34-1	193788	193377	192807	193324	0.26	cps
Terbium	159-1	15986625	15176078	16054636	15739113	3.11	cps
Terbium	159-2	11376684	11326624	11342848	11348718	0.23	cps
Thallium	203-1	1590	1533	1450	1525	4.62	cps
Thallium	205-1	3474	3571	3611	3552	1.98	cps
Tin	118-1	6905	6885	6798	6863	0.83	cps
Titanium	47-1	957	987	923	956	3.32	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S1 Instrumnet Name : P7
Client Sample ID : S1 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:46:11 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3307	3354	3430	3364	1.85	cps
Vanadium	51-2	2674	2497	2470	2547	4.34	cps
Yttrium	89-1	20017340	18564929	19958701	19513657	4.21	cps
Yttrium	89-2	5741092	5635993	5698005	5691696	0.93	cps
Zinc	66-2	680	757	793	743	7.78	cps
Zirconium	90-1	2814	2760	3070	2881	5.75	cps
Zirconium	91-1	583	563	597	581	2.89	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6535	6435	6355	6441	1.40	cps
Antimony	121-1	26024	26571	26878	26491	1.63	cps
Arsenic	75-2	807	963	863	878	9.04	cps
Barium	135-1	33376	33259	33610	33415	0.53	cps
Barium	137-1	57455	57348	57559	57454	0.18	cps
Beryllium	9-1	1757	1847	1760	1788	2.85	cps
Bismuth	209-1	9486109	9178654	9202421	9289061	1.84	cps
Bismuth	209-2	8212103	8293291	8163049	8222814	0.80	cps
Bromine	81-1	15548	15972	15492	15671	1.68	cps
Bromine	81-2	170	180	193	181	6.47	cps
Cadmium	108-1	287	260	300	282	7.22	cps
Cadmium	106-1	5151	5104	5101	5119	0.55	cps
Cadmium	111-1	4602	4798	4571	4657	2.64	cps
Calcium	43-1	18585	18628	18458	18557	0.48	cps
Calcium	44-1	307246	307744	309634	308208	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14020	13750	13396	13722	2.28	cps
Cobalt	59-2	9476	9563	9396	9479	0.88	cps
Copper	63-2	13653	13149	13206	13336	2.07	cps
Dysprosium	156-1	20	20	7	16	49.47	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	53	50	83	62	29.50	cps
Erbium	164-2	47	57	40	48	17.56	cps
Gadolinium	160-1	63	37	77	59	34.58	cps
Gadolinium	160-2	770	660	743	724	7.92	cps
Holmium	165-1	15681090	15426580	15453649	15520440	0.90	cps
Holmium	165-2	11462868	11406479	11495199	11454849	0.39	cps
Indium	115-1	13313442	12882728	13023658	13073276	1.68	cps
Indium	115-2	5116177	5022182	5121057	5086472	1.10	cps
Iron	56-2	302661	302430	302243	302445	0.07	cps
Iron	57-2	8456	8716	8686	8619	1.65	cps
Iron	54-2	18608	18471	18361	18480	0.67	cps
Krypton	83-1	213	187	213	204	7.53	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9827	10034	9880	9914	1.08	cps
Lead	207-1	8990	8559	8716	8755	2.49	cps
Lead	208-1	39139	39496	39927	39521	1.00	cps
Lithium	6-1	2033785	2008596	1982229	2008204	1.28	cps
Magnesium	24-2	260937	263547	259754	261413	0.74	cps
Manganese	55-2	4951	4797	4834	4861	1.65	cps
Molybdenum	94-1	26494	27937	27659	27363	2.80	cps
Molybdenum	95-1	33832	33729	33465	33675	0.56	cps
Molybdenum	96-1	37678	37351	37017	37349	0.89	cps
Molybdenum	97-1	21309	20875	21095	21093	1.03	cps
Molybdenum	98-1	53200	53842	53414	53485	0.61	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	3017	3037	2820	2958	4.05	cps
Phosphorus	31-2	753	790	680	741	7.56	cps
Potassium	39-2	405512	412028	409752	409097	0.81	cps
Rhodium	103-1	12315941	12163001	12083434	12187459	0.97	cps
Rhodium	103-2	7465696	7378392	7418973	7421020	0.59	cps
Scandium	45-1	7402054	7325874	7238693	7322207	1.12	cps
Scandium	45-2	661544	656295	666245	661362	0.75	cps
Selenium	82-1	1226	1224	1168	1206	2.74	cps
Selenium	77-2	147	103	103	118	21.25	cps
Selenium	78-2	950	1000	963	971	2.67	cps
Silicon	28-1	736076	733534	726947	732186	0.64	cps
Silver	107-1	17187	16750	16636	16858	1.72	cps
Silver	109-1	15926	15829	16476	16077	2.17	cps
Sodium	23-2	413382	415753	410704	413280	0.61	cps
Strontium	86-1	4734	4487	4794	4672	3.48	cps
Strontium	88-1	37568	37518	37240	37442	0.47	cps
Sulfur	34-1	196972	199379	199785	198712	0.77	cps
Terbium	159-1	16122965	15706885	15874789	15901546	1.32	cps
Terbium	159-2	11340500	11310758	11415947	11355735	0.48	cps
Thallium	203-1	12446	12189	12666	12434	1.92	cps
Thallium	205-1	28754	29241	29255	29083	0.98	cps
Tin	118-1	57196	57106	56326	56876	0.84	cps
Titanium	47-1	8656	8573	8552	8594	0.64	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:49:33 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34311	35043	34077	34477	1.46	cps
Vanadium	51-2	25632	25732	25926	25763	0.58	cps
Yttrium	89-1	20094285	19767039	19771489	19877604	0.94	cps
Yttrium	89-2	5723176	5629830	5627271	5660092	0.97	cps
Zinc	66-2	5591	5838	5701	5710	2.17	cps
Zirconium	90-1	22658	22858	22384	22633	1.05	cps
Zirconium	91-1	4784	5238	5034	5019	4.53	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306350	303568	301077	303665	0.87	cps
Antimony	121-1	647435	641523	640147	643035	0.60	cps
Arsenic	75-2	35954	35152	35422	35509	1.15	cps
Barium	135-1	806014	810009	808797	808273	0.25	cps
Barium	137-1	1401090	1412636	1412386	1408704	0.47	cps
Beryllium	9-1	83563	83124	84140	83609	0.61	cps
Bismuth	209-1	9439158	9236199	9329624	9334993	1.09	cps
Bismuth	209-2	8091373	7985148	8033723	8036748	0.66	cps
Bromine	81-1	15241	15201	15101	15181	0.48	cps
Bromine	81-2	120	107	120	116	6.66	cps
Cadmium	108-1	12806	12649	12732	12729	0.62	cps
Cadmium	106-1	23149	22925	22431	22835	1.61	cps
Cadmium	111-1	172723	174341	173295	173453	0.47	cps
Calcium	43-1	181083	181433	181724	181413	0.18	cps
Calcium	44-1	2837734	2839949	2809380	2829021	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	268527	267478	264705	266903	0.74	cps
Cobalt	59-2	418958	416737	412844	416180	0.74	cps
Copper	63-2	3163606	3112397	3060073	3112025	1.66	cps
Dysprosium	156-1	57	23	10	30	80.13	cps
Dysprosium	156-2	40	37	67	48	34.42	cps
Erbium	164-1	70	73	60	68	10.24	cps
Erbium	164-2	60	83	47	63	29.30	cps
Gadolinium	160-1	63	63	50	59	13.07	cps
Gadolinium	160-2	807	690	687	728	9.39	cps
Holmium	165-1	15491547	15443756	15452124	15462476	0.17	cps
Holmium	165-2	11330628	11319324	11216822	11288924	0.56	cps
Indium	115-1	13011305	12779922	12908581	12899936	0.90	cps
Indium	115-2	4976110	4942335	4887946	4935463	0.90	cps
Iron	56-2	13040478	12802816	12804764	12882686	1.06	cps
Iron	57-2	326980	325537	323731	325416	0.50	cps
Iron	54-2	718535	715816	711590	715314	0.49	cps
Krypton	83-1	207	217	197	207	4.84	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2424779	2459261	2418851	2434297	0.90	cps
Lead	207-1	2190140	2154000	2136043	2160061	1.28	cps
Lead	208-1	9901716	9869351	9829993	9867020	0.36	cps
Lithium	6-1	2041563	2033517	2025932	2033671	0.38	cps
Magnesium	24-2	2454057	2447745	2425181	2442328	0.62	cps
Manganese	55-2	2235034	2237448	2196496	2222992	1.03	cps
Molybdenum	94-1	2293326	2264041	2227606	2261658	1.46	cps
Molybdenum	95-1	3337545	3274574	3267166	3293095	1.17	cps
Molybdenum	96-1	3612314	3614152	3575502	3600656	0.61	cps
Molybdenum	97-1	2065230	2049402	2071305	2061979	0.55	cps
Molybdenum	98-1	5279324	5257122	5239816	5258754	0.38	cps
Neodymium	150-1	40	50	73	54	31.42	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	108307	106803	106897	107336	0.78	cps
Phosphorus	31-2	14954	15301	14704	14986	2.00	cps
Potassium	39-2	1677848	1651547	1671172	1666855	0.82	cps
Rhodium	103-1	12044239	12078487	12033309	12052011	0.20	cps
Rhodium	103-2	7166957	7105953	7109567	7127492	0.48	cps
Scandium	45-1	7237446	7273995	7030389	7180610	1.83	cps
Scandium	45-2	636492	630432	626717	631213	0.78	cps
Selenium	82-1	10584	10875	10766	10742	1.37	cps
Selenium	77-2	1250	1183	1180	1205	3.28	cps
Selenium	78-2	4441	4227	4491	4386	3.19	cps
Silicon	28-1	2654868	2648095	2620578	2641180	0.69	cps
Silver	107-1	856844	855048	858034	856642	0.18	cps
Silver	109-1	816651	820894	819108	818884	0.26	cps
Sodium	23-2	4014477	4025197	3974843	4004839	0.66	cps
Strontium	86-1	203456	205162	202908	203842	0.58	cps
Strontium	88-1	1844954	1832203	1836769	1837975	0.35	cps
Sulfur	34-1	242951	241296	239038	241095	0.81	cps
Terbium	159-1	16018171	16147356	15703224	15956250	1.43	cps
Terbium	159-2	11259722	11088682	11156880	11168428	0.77	cps
Thallium	203-1	588896	590748	591323	590322	0.21	cps
Thallium	205-1	1391369	1403344	1390565	1395093	0.51	cps
Tin	118-1	536611	535828	538126	536855	0.22	cps
Titanium	47-1	810958	812076	803572	808869	0.57	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:52:53 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1804226	1851203	1826494	1827308	1.29	cps
Vanadium	51-2	235601	232074	230933	232869	1.04	cps
Yttrium	89-1	19636444	19610148	19434413	19560335	0.56	cps
Yttrium	89-2	5498974	5473511	5430343	5467609	0.63	cps
Zinc	66-2	528331	526936	524057	526442	0.41	cps
Zirconium	90-1	1090245	1095985	1080224	1088818	0.73	cps
Zirconium	91-1	240670	242559	241248	241492	0.40	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692164	682843	678420	684476	1.02	cps
Antimony	121-1	1509830	1507022	1498891	1505248	0.38	cps
Arsenic	75-2	80915	79645	79799	80120	0.87	cps
Barium	135-1	1989352	1995352	2009320	1998008	0.51	cps
Barium	137-1	3435986	3418353	3417008	3423783	0.31	cps
Beryllium	9-1	196535	196101	195162	195933	0.36	cps
Bismuth	209-1	9469585	9515163	9402279	9462342	0.60	cps
Bismuth	209-2	7962609	7995804	8032724	7997046	0.44	cps
Bromine	81-1	14097	13990	13700	13929	1.48	cps
Bromine	81-2	163	127	150	147	12.65	cps
Cadmium	108-1	29724	29727	29547	29666	0.35	cps
Cadmium	106-1	45758	46808	45772	46113	1.31	cps
Cadmium	111-1	405018	401911	403174	403368	0.39	cps
Calcium	43-1	413882	411533	410024	411813	0.47	cps
Calcium	44-1	6580328	6445221	6358553	6461367	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	602440	595184	592700	596775	0.85	cps
Cobalt	59-2	938567	940115	930103	936261	0.58	cps
Copper	63-2	7037205	6913808	6864882	6938632	1.28	cps
Dysprosium	156-1	27	70	60	52	43.44	cps
Dysprosium	156-2	127	127	97	117	14.85	cps
Erbium	164-1	93	77	123	98	24.18	cps
Erbium	164-2	70	70	60	67	8.66	cps
Gadolinium	160-1	57	70	100	76	29.37	cps
Gadolinium	160-2	583	690	723	666	10.99	cps
Holmium	165-1	15348346	15516043	15046235	15303541	1.56	cps
Holmium	165-2	11182089	11167906	11250735	11200243	0.40	cps
Indium	115-1	12653148	12558299	12264771	12492073	1.62	cps
Indium	115-2	4738038	4751175	4782928	4757380	0.49	cps
Iron	56-2	29123194	28661363	28652099	28812218	0.93	cps
Iron	57-2	735983	732925	724473	731127	0.82	cps
Iron	54-2	1595973	1590185	1592228	1592795	0.18	cps
Krypton	83-1	213	183	207	201	7.83	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5978703	6060860	5876452	5972005	1.55	cps
Lead	207-1	5338298	5260327	5241984	5280203	0.97	cps
Lead	208-1	24107378	24094622	23898138	24033379	0.49	cps
Lithium	6-1	2011811	2002339	1970540	1994897	1.08	cps
Magnesium	24-2	5426707	5425887	5409764	5420786	0.18	cps
Manganese	55-2	4973627	4980282	4945629	4966512	0.37	cps
Molybdenum	94-1	5334112	5276586	5142370	5251023	1.87	cps
Molybdenum	95-1	7739145	7749159	7496458	7661587	1.87	cps
Molybdenum	96-1	8461141	8452065	8329500	8414235	0.87	cps
Molybdenum	97-1	4816988	4781521	4716497	4771669	1.07	cps
Molybdenum	98-1	12411351	12308803	12207323	12309159	0.83	cps
Neodymium	150-1	90	97	110	99	10.30	cps
Neodymium	150-2	30	33	20	28	24.98	cps
Nickel	60-2	239674	234708	234549	236310	1.23	cps
Phosphorus	31-2	33330	33647	32324	33100	2.09	cps
Potassium	39-2	3667850	3610258	3612431	3630180	0.90	cps
Rhodium	103-1	11543996	11552031	11352878	11482969	0.98	cps
Rhodium	103-2	6857603	6834778	6850164	6847515	0.17	cps
Scandium	45-1	6886900	6743943	6719026	6783290	1.34	cps
Scandium	45-2	592719	591801	590737	591752	0.17	cps
Selenium	82-1	24055	24622	24306	24328	1.17	cps
Selenium	77-2	2684	2727	2570	2660	3.04	cps
Selenium	78-2	9173	9623	9170	9322	2.80	cps
Silicon	28-1	4777135	4747512	4658707	4727785	1.30	cps
Silver	107-1	2044688	2012038	2030115	2028947	0.81	cps
Silver	109-1	1982468	1932517	1944922	1953302	1.33	cps
Sodium	23-2	8920565	8871664	8852958	8881729	0.39	cps
Strontium	86-1	476528	477714	469254	474499	0.97	cps
Strontium	88-1	4230890	4262729	4274236	4255952	0.53	cps
Sulfur	34-1	292814	286374	285448	288212	1.39	cps
Terbium	159-1	16038750	15712669	15636546	15795988	1.35	cps
Terbium	159-2	11060949	10951272	11091743	11034654	0.67	cps
Thallium	203-1	1415424	1431940	1422355	1423240	0.58	cps
Thallium	205-1	3551998	3568050	3528948	3549665	0.55	cps
Tin	118-1	1255960	1252257	1253665	1253960	0.15	cps
Titanium	47-1	1914666	1907579	1861123	1894456	1.54	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:55:56 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4508157	4468252	4501249	4492553	0.47	cps
Vanadium	51-2	527191	522149	519017	522786	0.79	cps
Yttrium	89-1	18878254	18987722	19038470	18968148	0.43	cps
Yttrium	89-2	5218074	5209614	5186481	5204723	0.31	cps
Zinc	66-2	1199279	1183307	1180691	1187759	0.85	cps
Zirconium	90-1	2597363	2641253	2635114	2624576	0.91	cps
Zirconium	91-1	561751	560436	558483	560223	0.29	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1373307	1338119	1320595	1344007	2.00	cps
Antimony	121-1	3003982	3020322	3058138	3027481	0.92	cps
Arsenic	75-2	151844	150726	150430	151000	0.49	cps
Barium	135-1	3875828	3821566	3881189	3859528	0.85	cps
Barium	137-1	6659274	6723540	6731334	6704716	0.59	cps
Beryllium	9-1	374396	379553	379564	377838	0.79	cps
Bismuth	209-1	9693085	9382965	9386212	9487421	1.88	cps
Bismuth	209-2	7838091	7856676	7876135	7856967	0.24	cps
Bromine	81-1	12742	12272	12946	12653	2.73	cps
Bromine	81-2	113	100	127	113	11.77	cps
Cadmium	108-1	56757	58367	57293	57472	1.43	cps
Cadmium	106-1	82720	84927	84913	84187	1.51	cps
Cadmium	111-1	772461	787953	778674	779696	1.00	cps
Calcium	43-1	775836	782346	777150	778444	0.44	cps
Calcium	44-1	12202681	12285944	12267776	12252134	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1117081	1110615	1106341	1111346	0.49	cps
Cobalt	59-2	1798790	1795732	1783086	1792536	0.46	cps
Copper	63-2	13063365	12912648	12907873	12961295	0.68	cps
Dysprosium	156-1	47	77	87	70	29.74	cps
Dysprosium	156-2	197	190	240	209	13.00	cps
Erbium	164-1	80	107	130	106	23.70	cps
Erbium	164-2	77	93	57	76	24.29	cps
Gadolinium	160-1	73	100	73	82	18.73	cps
Gadolinium	160-2	677	647	730	684	6.17	cps
Holmium	165-1	15751947	15234272	15226762	15404327	1.95	cps
Holmium	165-2	11202677	11041404	10998969	11081017	0.97	cps
Indium	115-1	12515355	12110332	12105720	12243802	1.92	cps
Indium	115-2	4554356	4506912	4516805	4526024	0.55	cps
Iron	56-2	54338144	54337774	53790656	54155525	0.58	cps
Iron	57-2	1389130	1347334	1356330	1364265	1.61	cps
Iron	54-2	3028513	2954562	2972438	2985171	1.29	cps
Krypton	83-1	153	203	223	193	18.65	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11692743	11884692	11912349	11829928	1.01	cps
Lead	207-1	10248209	10591006	10492531	10443915	1.69	cps
Lead	208-1	46702125	47806389	47821236	47443250	1.35	cps
Lithium	6-1	2074895	2015657	1941837	2010796	3.32	cps
Magnesium	24-2	10297187	10235791	10319634	10284204	0.42	cps
Manganese	55-2	9437425	9370627	9253791	9353948	0.99	cps
Molybdenum	94-1	10214253	10075238	10079874	10123122	0.78	cps
Molybdenum	95-1	14621125	14882316	14647316	14716919	0.98	cps
Molybdenum	96-1	16169381	16372201	16146174	16229252	0.77	cps
Molybdenum	97-1	9138021	9202143	9139399	9159854	0.40	cps
Molybdenum	98-1	23639914	23622428	23449000	23570447	0.45	cps
Neodymium	150-1	180	240	200	207	14.78	cps
Neodymium	150-2	47	83	57	62	30.46	cps
Nickel	60-2	442799	436664	437535	438999	0.76	cps
Phosphorus	31-2	61991	62550	60151	61564	2.04	cps
Potassium	39-2	6897615	6707941	6754857	6786804	1.46	cps
Rhodium	103-1	11409812	10985012	10979064	11124629	2.22	cps
Rhodium	103-2	6535179	6516897	6499861	6517312	0.27	cps
Scandium	45-1	6727967	6553633	6432706	6571436	2.26	cps
Scandium	45-2	561287	554397	556671	557452	0.63	cps
Selenium	82-1	46511	46834	46478	46608	0.42	cps
Selenium	77-2	5298	4881	5161	5113	4.16	cps
Selenium	78-2	17273	17364	16900	17179	1.43	cps
Silicon	28-1	8143066	8120854	8116695	8126872	0.17	cps
Silver	107-1	3867407	3886938	3873580	3875975	0.26	cps
Silver	109-1	3748040	3776129	3705074	3743081	0.96	cps
Sodium	23-2	16943072	16902291	16808799	16884720	0.41	cps
Strontium	86-1	904947	913080	908150	908726	0.45	cps
Strontium	88-1	8166657	8212771	8119637	8166355	0.57	cps
Sulfur	34-1	367310	365941	362590	365280	0.66	cps
Terbium	159-1	16234781	15806365	15553759	15864968	2.17	cps
Terbium	159-2	10923933	10967044	10722662	10871213	1.20	cps
Thallium	203-1	2939437	3039825	2988975	2989412	1.68	cps
Thallium	205-1	7059236	7053788	7127843	7080289	0.58	cps
Tin	118-1	2488491	2511773	2506295	2502186	0.49	cps
Titanium	47-1	3503803	3565859	3559129	3542930	0.96	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 14:58:53 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8911710	9190839	9151818	9084789	1.66	cps
Vanadium	51-2	981990	974642	973650	976760	0.47	cps
Yttrium	89-1	19006762	18349253	18297462	18551159	2.13	cps
Yttrium	89-2	5020396	4993677	4988445	5000839	0.34	cps
Zinc	66-2	2287513	2267350	2243144	2266002	0.98	cps
Zirconium	90-1	4996008	5019295	4930792	4982031	0.92	cps
Zirconium	91-1	1068061	1086901	1086941	1080634	1.01	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2610965	2599731	2552680	2587792	1.19	cps
Antimony	121-1	5932823	5984812	5961441	5959692	0.44	cps
Arsenic	75-2	288318	288532	288056	288302	0.08	cps
Barium	135-1	7563776	7572380	7598765	7578307	0.24	cps
Barium	137-1	12937169	12964585	12956073	12952609	0.11	cps
Beryllium	9-1	722972	719671	717235	719959	0.40	cps
Bismuth	209-1	9345982	9225668	9296741	9289464	0.65	cps
Bismuth	209-2	7677838	7725851	7809183	7737624	0.86	cps
Bromine	81-1	12565	11908	12092	12189	2.78	cps
Bromine	81-2	113	103	100	106	6.57	cps
Cadmium	108-1	108894	109405	110352	109551	0.68	cps
Cadmium	106-1	157729	158336	156738	157601	0.51	cps
Cadmium	111-1	1496229	1506190	1497125	1499848	0.37	cps
Calcium	43-1	1464205	1458200	1456656	1459687	0.27	cps
Calcium	44-1	23538487	23567366	23561505	23555786	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2186304	2205860	2192495	2194886	0.46	cps
Cobalt	59-2	3425975	3429447	3421811	3425744	0.11	cps
Copper	63-2	24595962	24324096	24410117	24443392	0.57	cps
Dysprosium	156-1	140	120	140	133	8.66	cps
Dysprosium	156-2	377	463	387	409	11.60	cps
Erbium	164-1	100	183	173	152	29.89	cps
Erbium	164-2	90	77	130	99	28.07	cps
Gadolinium	160-1	133	127	130	130	2.57	cps
Gadolinium	160-2	673	640	803	706	12.23	cps
Holmium	165-1	15041774	15009958	14783757	14945163	0.94	cps
Holmium	165-2	11023923	10979716	10809884	10937841	1.03	cps
Indium	115-1	11715443	11545243	11621365	11627351	0.73	cps
Indium	115-2	4386829	4371456	4327975	4362087	0.70	cps
Iron	56-2	104458918	104869118	104262835	104530291	0.30	cps
Iron	57-2	2652322	2590771	2601597	2614897	1.26	cps
Iron	54-2	5717593	5730341	5699916	5715950	0.27	cps
Krypton	83-1	223	200	203	209	6.04	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23350622	23600517	23847215	23599452	1.05	cps
Lead	207-1	20820893	20910743	21019964	20917200	0.48	cps
Lead	208-1	94841979	95097816	95723119	95220971	0.48	cps
Lithium	6-1	1937702	1907081	1929988	1924924	0.83	cps
Magnesium	24-2	19730193	19742295	19464233	19645574	0.80	cps
Manganese	55-2	18115225	18181280	18095754	18130753	0.25	cps
Molybdenum	94-1	19607752	19656055	19691380	19651729	0.21	cps
Molybdenum	95-1	28736390	28718114	28473036	28642513	0.51	cps
Molybdenum	96-1	31504575	31589737	31252387	31448900	0.56	cps
Molybdenum	97-1	17866053	17696895	17636105	17733018	0.67	cps
Molybdenum	98-1	46243799	46222809	46024889	46163833	0.26	cps
Neodymium	150-1	397	387	393	392	1.30	cps
Neodymium	150-2	100	93	117	103	11.63	cps
Nickel	60-2	834583	829186	826203	829991	0.51	cps
Phosphorus	31-2	116643	118377	115434	116818	1.27	cps
Potassium	39-2	12934499	13040208	12897315	12957340	0.57	cps
Rhodium	103-1	10763699	10544212	10545369	10617760	1.19	cps
Rhodium	103-2	6236897	6287145	6230878	6251640	0.49	cps
Scandium	45-1	6215251	6176727	6161535	6184504	0.45	cps
Scandium	45-2	531918	534745	529796	532153	0.47	cps
Selenium	82-1	89165	88453	88364	88661	0.50	cps
Selenium	77-2	9643	9623	9376	9548	1.56	cps
Selenium	78-2	31894	32462	31784	32047	1.14	cps
Silicon	28-1	14761564	14532653	14344898	14546372	1.43	cps
Silver	107-1	7398927	7487994	7399682	7428868	0.69	cps
Silver	109-1	7122211	7197294	7063352	7127619	0.94	cps
Sodium	23-2	32367028	32344989	32113778	32275265	0.43	cps
Strontium	86-1	1814245	1795484	1864802	1824844	1.96	cps
Strontium	88-1	15911859	15764054	15941685	15872533	0.60	cps
Sulfur	34-1	539306	535994	533813	536371	0.52	cps
Terbium	159-1	15519941	15252557	15415691	15396063	0.88	cps
Terbium	159-2	10688676	10747899	10838798	10758457	0.70	cps
Thallium	203-1	5915752	5958585	5820424	5898254	1.20	cps
Thallium	205-1	13895176	14119269	14075955	14030134	0.85	cps
Tin	118-1	4872078	4861433	4928849	4887453	0.74	cps
Titanium	47-1	6811847	6868859	6815814	6832173	0.47	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:01:40 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18393931	18478820	18425675	18432809	0.23	cps
Vanadium	51-2	1959265	1925624	1935324	1940071	0.89	cps
Yttrium	89-1	17727659	17663576	17765561	17718932	0.29	cps
Yttrium	89-2	4825164	4830005	4852861	4836010	0.31	cps
Zinc	66-2	4315348	4318135	4324810	4319431	0.11	cps
Zirconium	90-1	9742610	9654187	9735619	9710805	0.51	cps
Zirconium	91-1	2146941	2181815	2128945	2152567	1.25	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5094766	5021447	5026867	5047693	0.81	cps
Antimony	121-1	11573954	11592972	11569983	11578970	0.11	cps
Arsenic	75-2	569506	570044	562587	567379	0.73	cps
Barium	135-1	14831996	14932357	14933702	14899351	0.39	cps
Barium	137-1	25429152	25757744	25593596	25593497	0.64	cps
Beryllium	9-1	1476655	1440647	1471366	1462889	1.33	cps
Bismuth	209-1	9115469	9080858	9130911	9109079	0.28	cps
Bismuth	209-2	7701106	7585995	7620231	7635777	0.77	cps
Bromine	81-1	12078	12415	11631	12042	3.27	cps
Bromine	81-2	97	140	117	118	18.41	cps
Cadmium	108-1	210251	210284	212417	210984	0.59	cps
Cadmium	106-1	297714	299665	298889	298756	0.33	cps
Cadmium	111-1	2950802	2999641	3004133	2984859	0.99	cps
Calcium	43-1	2833249	2877623	2864263	2858378	0.80	cps
Calcium	44-1	45725374	45765263	45591863	45694167	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4287242	4272787	4327640	4295889	0.66	cps
Cobalt	59-2	6759565	6663544	6699912	6707674	0.72	cps
Copper	63-2	47755369	47451128	47454054	47553517	0.37	cps
Dysprosium	156-1	250	250	220	240	7.22	cps
Dysprosium	156-2	853	713	827	798	9.32	cps
Erbium	164-1	230	200	247	226	10.49	cps
Erbium	164-2	223	147	190	187	20.59	cps
Gadolinium	160-1	180	200	197	192	5.57	cps
Gadolinium	160-2	757	700	813	757	7.49	cps
Holmium	165-1	14992478	14922745	15154932	15023385	0.79	cps
Holmium	165-2	11050649	10852432	10923690	10942257	0.92	cps
Indium	115-1	11441325	11340781	11285501	11355869	0.70	cps
Indium	115-2	4316396	4313086	4236885	4288789	1.05	cps
Iron	56-2	205092097	204290624	204432757	204605159	0.21	cps
Iron	57-2	5149479	5175409	5152423	5159104	0.28	cps
Iron	54-2	11267402	11225292	11202609	11231768	0.29	cps
Krypton	83-1	193	210	200	201	4.17	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45982351	46251519	46483451	46239107	0.54	cps
Lead	207-1	40635179	41189289	40920242	40914904	0.68	cps
Lead	208-1	185297746	186671914	186486615	186152091	0.40	cps
Lithium	6-1	1906599	1891471	1922531	1906867	0.81	cps
Magnesium	24-2	38807604	38636688	38504074	38649456	0.39	cps
Manganese	55-2	35738154	35556115	35525718	35606663	0.32	cps
Molybdenum	94-1	38735202	38898624	38527215	38720347	0.48	cps
Molybdenum	95-1	55892181	56552399	56466812	56303797	0.64	cps
Molybdenum	96-1	61414404	61573277	61654846	61547509	0.20	cps
Molybdenum	97-1	34917448	35078223	34827118	34940929	0.36	cps
Molybdenum	98-1	89771482	90932989	89980019	90228163	0.69	cps
Neodymium	150-1	723	780	750	751	3.77	cps
Neodymium	150-2	200	190	217	202	6.66	cps
Nickel	60-2	1668974	1673863	1689770	1677536	0.65	cps
Phosphorus	31-2	230225	227566	227696	228495	0.66	cps
Potassium	39-2	25385927	25591405	25343600	25440311	0.52	cps
Rhodium	103-1	10275720	10140782	10197628	10204710	0.66	cps
Rhodium	103-2	6172647	6140434	6098028	6137036	0.61	cps
Scandium	45-1	6081291	6101163	6034849	6072434	0.56	cps
Scandium	45-2	536074	528381	533123	532526	0.73	cps
Selenium	82-1	169293	169635	171225	170051	0.61	cps
Selenium	77-2	18365	18672	18532	18523	0.83	cps
Selenium	78-2	61541	61524	61554	61539	0.02	cps
Silicon	28-1	26329980	26589353	26105026	26341453	0.92	cps
Silver	107-1	14234805	14305114	14268522	14269480	0.25	cps
Silver	109-1	13614493	13760670	13685937	13687033	0.53	cps
Sodium	23-2	64259714	64183879	63841606	64095066	0.35	cps
Strontium	86-1	3556686	3563127	3562960	3560924	0.10	cps
Strontium	88-1	30971245	31096155	31178654	31082018	0.34	cps
Sulfur	34-1	890281	890311	887388	889326	0.19	cps
Terbium	159-1	15515284	15413588	15267766	15398880	0.81	cps
Terbium	159-2	10996037	10816547	10698158	10836914	1.38	cps
Thallium	203-1	11486966	11529341	11719080	11578462	1.07	cps
Thallium	205-1	27451405	27215871	27699492	27455590	0.88	cps
Tin	118-1	9545506	9500094	9554107	9533236	0.30	cps
Titanium	47-1	13232700	13507119	13351455	13363758	1.03	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:04:29 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36328552	36587190	37016666	36644136	0.95	cps
Vanadium	51-2	3786121	3791395	3813593	3797036	0.38	cps
Yttrium	89-1	17745428	17493480	17462621	17567176	0.88	cps
Yttrium	89-2	4857018	4824805	4836265	4839363	0.34	cps
Zinc	66-2	8269429	8337815	8354624	8320623	0.54	cps
Zirconium	90-1	19116358	19230993	19229433	19192261	0.34	cps
Zirconium	91-1	4195254	4218943	4267606	4227268	0.87	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27303326	27278245	27308572	27296714	0.06	cps
Antimony	121-1	8299	7362	6778	7480	10.26	cps
Arsenic	75-2	417	357	480	418	14.76	cps
Barium	135-1	7659	6732	6388	6926	9.49	cps
Barium	137-1	13286	12129	11181	12199	8.64	cps
Beryllium	9-1	563	510	480	518	8.15	cps
Bismuth	209-1	8325986	8001818	7945293	8091033	2.54	cps
Bismuth	209-2	6797303	6950896	6857928	6868709	1.13	cps
Bromine	81-1	12489	12942	12949	12793	2.06	cps
Bromine	81-2	160	150	140	150	6.67	cps
Cadmium	108-1	150	87	110	116	27.72	cps
Cadmium	106-1	4271	4407	4354	4344	1.59	cps
Cadmium	111-1	1593	1432	1417	1481	6.59	cps
Calcium	43-1	13816820	14183278	14401014	14133704	2.09	cps
Calcium	44-1	223702043	228491430	229570990	227254821	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7142	7565	7192	7300	3.17	cps
Cobalt	59-2	18468	18859	19035	18787	1.55	cps
Copper	63-2	13493	12816	12899	13069	2.83	cps
Dysprosium	156-1	433	393	360	396	9.28	cps
Dysprosium	156-2	367	447	407	407	9.84	cps
Erbium	164-1	497	423	423	448	9.46	cps
Erbium	164-2	350	427	387	388	9.89	cps
Gadolinium	160-1	513	493	403	470	12.47	cps
Gadolinium	160-2	933	837	930	900	6.10	cps
Holmium	165-1	14915100	14489290	14524233	14642874	1.61	cps
Holmium	165-2	10587724	10662584	10598894	10616401	0.38	cps
Indium	115-1	11212072	10953689	10802386	10989382	1.89	cps
Indium	115-2	4216942	4272612	4210008	4233187	0.81	cps
Iron	56-2	1042111851	1035222811	1047049824	1041461496	0.57	cps
Iron	57-2	26121392	25886751	26095860	26034668	0.49	cps
Iron	54-2	56781667	56171079	56238826	56397191	0.59	cps
Krypton	83-1	170	213	180	188	12.09	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17188	15189	13767	15381	11.17	cps
Lead	207-1	15139	12906	11945	13330	12.29	cps
Lead	208-1	67739	59478	54784	60667	10.81	cps
Lithium	6-1	1872207	1852643	1872807	1865886	0.61	cps
Magnesium	24-2	207963337	206729284	206472670	207055097	0.38	cps
Manganese	55-2	17941	17934	17460	17778	1.55	cps
Molybdenum	94-1	13753	11958	10581	12097	13.15	cps
Molybdenum	95-1	14848	11828	10154	12276	19.38	cps
Molybdenum	96-1	25552	22287	20334	22725	11.60	cps
Molybdenum	97-1	9470	7422	6291	7728	20.85	cps
Molybdenum	98-1	23098	18355	15178	18877	21.12	cps
Neodymium	150-1	250	213	317	260	20.15	cps
Neodymium	150-2	110	153	130	131	16.54	cps
Nickel	60-2	8266	8779	8536	8527	3.01	cps
Phosphorus	31-2	300	310	273	294	6.44	cps
Potassium	39-2	135683281	134144961	136137935	135322059	0.77	cps
Rhodium	103-1	9722491	9566393	9400944	9563276	1.68	cps
Rhodium	103-2	5742127	5786411	5806746	5778428	0.57	cps
Scandium	45-1	6285713	6058056	6122997	6155589	1.91	cps
Scandium	45-2	558436	559938	564795	561056	0.59	cps
Selenium	82-1	358	283	351	331	12.45	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	403	370	417	397	6.06	cps
Silicon	28-1	552329	551385	544734	549482	0.75	cps
Silver	107-1	3884	3044	2547	3158	21.40	cps
Silver	109-1	3514	2704	2450	2889	19.23	cps
Sodium	23-2	338311642	335332515	337386442	337010199	0.45	cps
Strontium	86-1	10430	10834	10611	10625	1.90	cps
Strontium	88-1	91532	90224	89262	90340	1.26	cps
Sulfur	34-1	153182	156438	159980	156533	2.17	cps
Terbium	159-1	15430450	14775846	14647130	14951142	2.81	cps
Terbium	159-2	10382798	10350220	10400787	10377935	0.25	cps
Thallium	203-1	2707	2194	1930	2277	17.35	cps
Thallium	205-1	6805	5198	4564	5522	20.92	cps
Tin	118-1	4321	3687	3264	3757	14.16	cps
Titanium	47-1	3120	2464	2174	2586	18.76	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:07:16 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6812	4948	4021	5260	27.03	cps
Vanadium	51-2	953	937	793	894	9.83	cps
Yttrium	89-1	17522286	17096005	17100325	17239539	1.42	cps
Yttrium	89-2	4842053	4918313	4936490	4898952	1.02	cps
Zinc	66-2	12345	12592	12328	12422	1.19	cps
Zirconium	90-1	13603	13520	12379	13167	5.20	cps
Zirconium	91-1	2990	2754	2630	2791	6.56	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136282	134278	133965	134841	0.93	cps
Antimony	121-1	2559822	2533700	2563957	2552493	0.64	cps
Arsenic	75-2	132505	129804	128786	130365	1.47	cps
Barium	135-1	309873	307152	306607	307877	0.57	cps
Barium	137-1	538573	538862	539455	538964	0.08	cps
Beryllium	9-1	164354	163058	163917	163776	0.40	cps
Bismuth	209-1	9526297	9335639	9358428	9406788	1.11	cps
Bismuth	209-2	8024441	8002609	7929185	7985412	0.62	cps
Bromine	81-1	13573	13366	13163	13367	1.53	cps
Bromine	81-2	260	190	207	219	16.71	cps
Cadmium	108-1	26982	26788	26835	26868	0.38	cps
Cadmium	106-1	33448	32673	32737	32953	1.31	cps
Cadmium	111-1	318324	316731	316675	317243	0.30	cps
Calcium	43-1	66143	64302	64573	65006	1.53	cps
Calcium	44-1	1057134	1048215	1053468	1052939	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492684	491153	483924	489254	0.96	cps
Cobalt	59-2	775171	762871	762965	767002	0.92	cps
Copper	63-2	528045	524385	521780	524736	0.60	cps
Dysprosium	156-1	20	30	17	22	31.22	cps
Dysprosium	156-2	7	20	30	19	61.96	cps
Erbium	164-1	67	70	80	72	9.61	cps
Erbium	164-2	47	43	57	49	14.20	cps
Gadolinium	160-1	63	50	50	54	14.14	cps
Gadolinium	160-2	593	653	667	638	6.13	cps
Holmium	165-1	15188998	15038534	14956334	15061289	0.78	cps
Holmium	165-2	10991917	11006900	11045026	11014614	0.25	cps
Indium	115-1	12623982	12287749	12244374	12385369	1.68	cps
Indium	115-2	4687521	4591177	4631327	4636675	1.04	cps
Iron	56-2	9296023	9199372	9128683	9208026	0.91	cps
Iron	57-2	235230	232687	233608	233842	0.55	cps
Iron	54-2	531246	529739	525105	528697	0.61	cps
Krypton	83-1	170	220	213	201	13.50	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2025930	1983473	2018931	2009444	1.13	cps
Lead	207-1	1565995	1592269	1599176	1585813	1.10	cps
Lead	208-1	7724981	7732193	7778715	7745296	0.38	cps
Lithium	6-1	1996372	2039281	1987040	2007564	1.39	cps
Magnesium	24-2	508471	505556	500738	504922	0.77	cps
Manganese	55-2	396805	393064	394686	394852	0.48	cps
Molybdenum	94-1	16702896	16357104	16213290	16424430	1.53	cps
Molybdenum	95-1	29370241	29056865	28621152	29016086	1.30	cps
Molybdenum	96-1	31509530	31183702	31005387	31232873	0.82	cps
Molybdenum	97-1	18069793	18027942	17739599	17945778	1.00	cps
Molybdenum	98-1	46269184	46070221	45808803	46049403	0.50	cps
Neodymium	150-1	20	17	33	23	37.78	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	196763	194845	194615	195408	0.60	cps
Phosphorus	31-2	137	93	133	121	19.91	cps
Potassium	39-2	1198184	1188245	1183305	1189912	0.64	cps
Rhodium	103-1	11482623	11196745	11236888	11305419	1.37	cps
Rhodium	103-2	6745754	6799530	6749193	6764826	0.45	cps
Scandium	45-1	6882345	6689204	6594862	6722137	2.18	cps
Scandium	45-2	579165	571403	572877	574481	0.72	cps
Selenium	82-1	39494	39137	39261	39297	0.46	cps
Selenium	77-2	4384	4491	4381	4418	1.42	cps
Selenium	78-2	14811	14627	14594	14677	0.80	cps
Silicon	28-1	563333	530823	530868	541675	3.46	cps
Silver	107-1	759906	757995	754998	757633	0.33	cps
Silver	109-1	731059	726331	729799	729063	0.34	cps
Sodium	23-2	1475803	1432150	1424138	1444030	1.93	cps
Strontium	86-1	1230	1333	1273	1279	4.06	cps
Strontium	88-1	8709	8609	8389	8569	1.91	cps
Sulfur	34-1	184725	173378	171763	176622	4.00	cps
Terbium	159-1	15855768	15365576	15488471	15569938	1.64	cps
Terbium	159-2	10890434	10814537	10783612	10829528	0.51	cps
Thallium	203-1	2460072	2435416	2471753	2455747	0.76	cps
Thallium	205-1	5826580	5851495	5857362	5845146	0.28	cps
Tin	118-1	1180	1150	1167	1166	1.29	cps
Titanium	47-1	407	423	373	401	6.35	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:30:11 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	60	63	58	12.01	cps
Vanadium	51-2	422581	414888	413679	417049	1.16	cps
Yttrium	89-1	18705632	18707408	18388428	18600489	0.99	cps
Yttrium	89-2	5133630	5035818	5067623	5079024	0.98	cps
Zinc	66-2	190849	190489	188878	190072	0.55	cps
Zirconium	90-1	1103	1147	1163	1138	2.72	cps
Zirconium	91-1	473	560	433	489	13.25	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5955	5991	5808	5918	1.64	cps
Antimony	121-1	25279	25125	25703	25369	1.18	cps
Arsenic	75-2	687	743	770	733	5.80	cps
Barium	135-1	30252	31218	30676	30715	1.58	cps
Barium	137-1	53540	53574	52878	53331	0.74	cps
Beryllium	9-1	1803	1857	1707	1789	4.25	cps
Bismuth	209-1	9227645	9120859	9246397	9198300	0.74	cps
Bismuth	209-2	7888060	8022068	7928664	7946264	0.86	cps
Bromine	81-1	13386	13566	13239	13397	1.22	cps
Bromine	81-2	217	217	153	196	18.70	cps
Cadmium	108-1	273	217	253	248	11.60	cps
Cadmium	106-1	4534	4828	4474	4612	4.10	cps
Cadmium	111-1	4100	4602	4325	4342	5.79	cps
Calcium	43-1	17310	16926	17403	17213	1.47	cps
Calcium	44-1	282266	282369	281104	281913	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12258	12362	11778	12133	2.57	cps
Cobalt	59-2	8516	8849	8783	8716	2.02	cps
Copper	63-2	12292	12565	12375	12411	1.13	cps
Dysprosium	156-1	13	17	10	13	25.01	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	70	83	57	70	19.04	cps
Erbium	164-2	53	23	77	51	52.32	cps
Gadolinium	160-1	67	80	43	63	29.31	cps
Gadolinium	160-2	693	600	747	680	10.92	cps
Holmium	165-1	15019585	15023455	15068062	15037034	0.18	cps
Holmium	165-2	10931601	11025067	10916999	10957889	0.54	cps
Indium	115-1	12441433	12328410	12304983	12358275	0.59	cps
Indium	115-2	4791342	4826613	4692311	4770089	1.46	cps
Iron	56-2	270177	269080	269592	269616	0.20	cps
Iron	57-2	7735	7535	7782	7684	1.71	cps
Iron	54-2	16452	16509	16743	16568	0.93	cps
Krypton	83-1	170	213	193	192	11.28	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9387	9617	9874	9626	2.53	cps
Lead	207-1	8423	8143	8599	8388	2.75	cps
Lead	208-1	38198	38255	38605	38353	0.57	cps
Lithium	6-1	2022310	2009207	1999265	2010261	0.57	cps
Magnesium	24-2	236391	233034	235979	235135	0.78	cps
Manganese	55-2	4777	4527	4454	4586	3.70	cps
Molybdenum	94-1	26708	25946	26027	26227	1.60	cps
Molybdenum	95-1	32763	33351	32803	32973	1.00	cps
Molybdenum	96-1	37251	36602	37304	37052	1.05	cps
Molybdenum	97-1	20822	20938	20768	20843	0.42	cps
Molybdenum	98-1	54314	53788	53210	53771	1.03	cps
Neodymium	150-1	3	17	13	11	62.48	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2700	2687	2710	2699	0.43	cps
Phosphorus	31-2	633	627	537	599	9.02	cps
Potassium	39-2	363035	359740	364428	362401	0.66	cps
Rhodium	103-1	11490869	11480219	11395179	11455423	0.46	cps
Rhodium	103-2	6926783	6949592	6934030	6936802	0.17	cps
Scandium	45-1	6796173	6809360	6736025	6780520	0.58	cps
Scandium	45-2	607097	607051	607984	607378	0.09	cps
Selenium	82-1	1120	1099	1056	1091	2.99	cps
Selenium	77-2	130	113	110	118	9.10	cps
Selenium	78-2	810	747	720	759	6.09	cps
Silicon	28-1	597284	601788	602818	600630	0.49	cps
Silver	107-1	15502	15588	16039	15710	1.84	cps
Silver	109-1	15191	15405	15438	15345	0.87	cps
Sodium	23-2	380549	373303	378512	377455	0.99	cps
Strontium	86-1	4311	4214	4277	4267	1.15	cps
Strontium	88-1	34230	34671	33999	34300	0.99	cps
Sulfur	34-1	183639	184128	183764	183844	0.14	cps
Terbium	159-1	15486011	15679827	15383320	15516386	0.97	cps
Terbium	159-2	10869217	10732745	10932439	10844800	0.94	cps
Thallium	203-1	12239	12239	11648	12042	2.83	cps
Thallium	205-1	28370	29044	29058	28824	1.36	cps
Tin	118-1	52268	55229	53278	53592	2.81	cps
Titanium	47-1	7422	7445	7629	7499	1.51	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:35:32 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33482	34197	33349	33676	1.36	cps
Vanadium	51-2	22714	22747	22290	22584	1.13	cps
Yttrium	89-1	18748392	18814872	18685385	18749550	0.35	cps
Yttrium	89-2	5349143	5304426	5326907	5326825	0.42	cps
Zinc	66-2	5471	5281	5211	5321	2.53	cps
Zirconium	90-1	20695	20725	20898	20773	0.53	cps
Zirconium	91-1	4584	4614	4587	4595	0.36	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	133	150	119	33.92	cps
Antimony	121-1	263	283	280	276	3.89	cps
Arsenic	75-2	3	3	10	6	69.34	cps
Barium	135-1	43	57	37	46	22.36	cps
Barium	137-1	73	87	70	77	11.51	cps
Beryllium	9-1	117	120	83	107	19.01	cps
Bismuth	209-1	9238197	9227749	9087352	9184433	0.92	cps
Bismuth	209-2	8093579	8067043	7967916	8042846	0.82	cps
Bromine	81-1	13069	13403	13339	13271	1.33	cps
Bromine	81-2	163	110	190	154	26.37	cps
Cadmium	108-1	13	10	13	12	15.73	cps
Cadmium	106-1	4654	4254	4294	4401	5.01	cps
Cadmium	111-1	935	857	880	891	4.50	cps
Calcium	43-1	203	227	183	204	10.61	cps
Calcium	44-1	6455	6391	6201	6349	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2134	2067	2210	2137	3.36	cps
Cobalt	59-2	133	183	133	150	19.24	cps
Copper	63-2	993	1023	1060	1026	3.26	cps
Dysprosium	156-1	17	13	7	12	41.65	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	47	70	87	68	29.64	cps
Erbium	164-2	37	37	73	49	43.29	cps
Gadolinium	160-1	57	33	73	54	36.91	cps
Gadolinium	160-2	710	600	587	632	10.71	cps
Holmium	165-1	15066804	14795481	14935231	14932505	0.91	cps
Holmium	165-2	11195566	11032730	11159404	11129233	0.77	cps
Indium	115-1	12321309	12522350	12368699	12404119	0.85	cps
Indium	115-2	4903753	4842306	4838420	4861493	0.75	cps
Iron	56-2	21192	20267	20451	20636	2.37	cps
Iron	57-2	1133	1100	1110	1114	1.54	cps
Iron	54-2	2787	2454	2644	2628	6.36	cps
Krypton	83-1	170	210	230	203	15.02	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	470	430	503	468	7.85	cps
Lead	207-1	403	460	383	416	9.57	cps
Lead	208-1	1883	1953	1813	1883	3.72	cps
Lithium	6-1	2002072	2038488	2043438	2027999	1.11	cps
Magnesium	24-2	943	957	1050	983	5.91	cps
Manganese	55-2	237	283	290	270	10.76	cps
Molybdenum	94-1	470	493	477	480	2.50	cps
Molybdenum	95-1	450	373	357	393	12.65	cps
Molybdenum	96-1	480	510	473	488	4.00	cps
Molybdenum	97-1	267	207	277	250	15.14	cps
Molybdenum	98-1	600	617	640	619	3.25	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	693	617	643	651	5.98	cps
Phosphorus	31-2	160	157	140	152	7.04	cps
Potassium	39-2	54216	54193	54685	54364	0.51	cps
Rhodium	103-1	11493554	11471202	11387880	11450879	0.49	cps
Rhodium	103-2	7092461	7013789	7001806	7036019	0.70	cps
Scandium	45-1	6679296	6833913	6803909	6772373	1.21	cps
Scandium	45-2	621012	620150	614250	618471	0.60	cps
Selenium	82-1	161	88	84	111	39.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	403	433	420	419	3.59	cps
Silicon	28-1	591930	595918	597324	595058	0.47	cps
Silver	107-1	230	220	273	241	11.76	cps
Silver	109-1	233	163	137	178	28.08	cps
Sodium	23-2	21976	21205	21335	21505	1.92	cps
Strontium	86-1	380	380	343	368	5.76	cps
Strontium	88-1	220	163	163	182	17.95	cps
Sulfur	34-1	184887	185036	184307	184743	0.21	cps
Terbium	159-1	15497766	15455274	15309526	15420855	0.64	cps
Terbium	159-2	11067502	11035205	10879056	10993921	0.92	cps
Thallium	203-1	383	413	367	388	6.10	cps
Thallium	205-1	953	1037	883	958	8.02	cps
Tin	118-1	1187	1177	1123	1162	2.93	cps
Titanium	47-1	90	113	67	90	25.93	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:38:52 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33	17	7	19	71.30	cps
Vanadium	51-2	10	30	27	22	48.22	cps
Yttrium	89-1	18659415	18813600	18684391	18719135	0.44	cps
Yttrium	89-2	5411106	5328928	5273534	5337856	1.30	cps
Zinc	66-2	263	243	250	252	4.04	cps
Zirconium	90-1	827	720	697	748	9.27	cps
Zirconium	91-1	177	173	170	173	1.92	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25104197	25001950	25251174	25119107	0.50	cps
Antimony	121-1	13186	12959	13637	13261	2.60	cps
Arsenic	75-2	243	223	170	212	17.86	cps
Barium	135-1	4144	4131	4121	4132	0.28	cps
Barium	137-1	7032	7068	7209	7103	1.31	cps
Beryllium	9-1	537	493	440	490	9.88	cps
Bismuth	209-1	8837316	8971345	8955945	8921535	0.82	cps
Bismuth	209-2	7597129	7870474	7672427	7713343	1.83	cps
Bromine	81-1	13169	13606	13830	13535	2.48	cps
Bromine	81-2	370	413	450	411	9.74	cps
Cadmium	108-1	1930	1783	1737	1817	5.55	cps
Cadmium	106-1	3921	3827	3851	3866	1.26	cps
Cadmium	111-1	1876	1790	1798	1821	2.62	cps
Calcium	43-1	2892914	2898330	2939503	2910249	0.88	cps
Calcium	44-1	46366113	46637183	47069454	46690917	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93004	91686	92370	92354	0.71	cps
Cobalt	59-2	8909	9266	8793	8989	2.74	cps
Copper	63-2	37303	36845	37109	37086	0.62	cps
Dysprosium	156-1	60	37	80	59	36.83	cps
Dysprosium	156-2	57	27	47	43	35.25	cps
Erbium	164-1	107	123	103	111	9.65	cps
Erbium	164-2	93	83	117	98	17.50	cps
Gadolinium	160-1	113	127	93	111	15.10	cps
Gadolinium	160-2	677	667	680	674	1.03	cps
Holmium	165-1	15084933	15223883	15420251	15243022	1.11	cps
Holmium	165-2	11131457	11278281	11470988	11293575	1.51	cps
Indium	115-1	11659770	11601619	11700635	11654008	0.43	cps
Indium	115-2	4531855	4533723	4580614	4548731	0.61	cps
Iron	56-2	436638460	436596953	433416487	435550634	0.42	cps
Iron	57-2	10899836	10882617	10743215	10841889	0.79	cps
Iron	54-2	23620235	23563552	23630322	23604703	0.15	cps
Krypton	83-1	137	183	203	174	19.61	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43446	43827	43657	43643	0.44	cps
Lead	207-1	34544	35226	34995	34922	0.99	cps
Lead	208-1	163731	165844	164621	164732	0.64	cps
Lithium	6-1	1943177	1883853	1904660	1910563	1.58	cps
Magnesium	24-2	40936957	40646610	41343184	40975584	0.85	cps
Manganese	55-2	29025	29596	29766	29462	1.32	cps
Molybdenum	94-1	6361887	6380904	6361544	6368112	0.17	cps
Molybdenum	95-1	11269862	11265273	11396836	11310657	0.66	cps
Molybdenum	96-1	12109808	12164836	12354067	12209571	1.05	cps
Molybdenum	97-1	6963185	6945952	7070142	6993093	0.96	cps
Molybdenum	98-1	17915771	18146521	18247936	18103409	0.94	cps
Neodymium	150-1	77	53	43	58	29.61	cps
Neodymium	150-2	33	27	37	32	15.80	cps
Nickel	60-2	10404	9683	9663	9917	4.25	cps
Phosphorus	31-2	1262507	1254678	1256228	1257804	0.33	cps
Potassium	39-2	53210696	53086451	53584544	53293897	0.49	cps
Rhodium	103-1	10425994	10247578	10291564	10321712	0.90	cps
Rhodium	103-2	6346044	6475702	6432120	6417955	1.03	cps
Scandium	45-1	6212981	6260068	6255948	6242999	0.42	cps
Scandium	45-2	561244	565732	567239	564738	0.55	cps
Selenium	82-1	218	134	149	167	26.82	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	333	347	403	361	10.29	cps
Silicon	28-1	598407	586939	590475	591940	0.99	cps
Silver	107-1	810	677	653	713	11.85	cps
Silver	109-1	773	670	567	670	15.42	cps
Sodium	23-2	67340066	67128987	67224929	67231327	0.16	cps
Strontium	86-1	121805	121112	123499	122139	1.01	cps
Strontium	88-1	1063680	1068995	1081689	1071455	0.86	cps
Sulfur	34-1	4162522	4134088	4171373	4155995	0.47	cps
Terbium	159-1	15296814	15438055	15518552	15417807	0.73	cps
Terbium	159-2	11047523	11097376	11137052	11093984	0.40	cps
Thallium	203-1	1607	1633	1350	1530	10.23	cps
Thallium	205-1	3570	3507	3364	3480	3.04	cps
Tin	118-1	2707	2767	2487	2654	5.56	cps
Titanium	47-1	2755889	2743803	2816868	2772186	1.41	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:42:22 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	573	547	610	577	5.51	cps
Vanadium	51-2	827	837	840	834	0.83	cps
Yttrium	89-1	18069952	17851880	18032163	17984665	0.65	cps
Yttrium	89-2	5109650	5117475	5125544	5117556	0.16	cps
Zinc	66-2	9820	10020	9750	9863	1.42	cps
Zirconium	90-1	1210	1223	1367	1267	6.86	cps
Zirconium	91-1	213	287	320	273	19.96	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26400806	26367198	26288447	26352150	0.22	cps
Antimony	121-1	260198	264440	265080	263239	1.01	cps
Arsenic	75-2	13436	13283	13256	13325	0.73	cps
Barium	135-1	67670	68855	68212	68246	0.87	cps
Barium	137-1	118327	117167	118293	117929	0.56	cps
Beryllium	9-1	30831	31315	31215	31120	0.82	cps
Bismuth	209-1	9258718	9231787	9314577	9268360	0.46	cps
Bismuth	209-2	7787850	7813178	7764812	7788613	0.31	cps
Bromine	81-1	13820	14307	14784	14304	3.37	cps
Bromine	81-2	403	460	437	433	6.57	cps
Cadmium	108-1	5664	5918	5725	5769	2.30	cps
Cadmium	106-1	9490	10044	9867	9800	2.89	cps
Cadmium	111-1	61565	62496	62224	62095	0.77	cps
Calcium	43-1	3096385	3126872	3142650	3121969	0.75	cps
Calcium	44-1	50124188	50258958	49544791	49975979	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191729	191290	192346	191788	0.28	cps
Cobalt	59-2	157739	157051	157466	157419	0.22	cps
Copper	63-2	139318	137773	138601	138564	0.56	cps
Dysprosium	156-1	43	63	73	60	25.46	cps
Dysprosium	156-2	30	27	37	31	16.37	cps
Erbium	164-1	123	110	157	130	18.49	cps
Erbium	164-2	77	97	70	81	17.11	cps
Gadolinium	160-1	117	120	117	118	1.63	cps
Gadolinium	160-2	653	653	700	669	4.03	cps
Holmium	165-1	15821394	15840514	15722324	15794744	0.40	cps
Holmium	165-2	11453660	11427239	11332973	11404624	0.56	cps
Indium	115-1	12327880	12103013	12208470	12213121	0.92	cps
Indium	115-2	4650638	4592539	4618295	4620491	0.63	cps
Iron	56-2	453626500	453480807	452675913	453261073	0.11	cps
Iron	57-2	11386737	11358292	11301173	11348734	0.38	cps
Iron	54-2	24696480	24879980	24632950	24736470	0.52	cps
Krypton	83-1	170	190	187	182	5.88	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	235651	238589	240583	238274	1.04	cps
Lead	207-1	197662	198394	202215	199424	1.23	cps
Lead	208-1	915695	921662	937439	924932	1.21	cps
Lithium	6-1	1915042	1904060	1944002	1921034	1.07	cps
Magnesium	24-2	42781083	42799898	42812081	42797687	0.04	cps
Manganese	55-2	109182	108209	109850	109080	0.76	cps
Molybdenum	94-1	6806520	6754789	6826582	6795964	0.55	cps
Molybdenum	95-1	11993563	12072333	12027556	12031150	0.33	cps
Molybdenum	96-1	12902212	13041369	13013386	12985656	0.57	cps
Molybdenum	97-1	7402616	7490863	7512511	7468663	0.78	cps
Molybdenum	98-1	19197278	19456327	19416064	19356557	0.72	cps
Neodymium	150-1	80	73	63	72	11.62	cps
Neodymium	150-2	27	37	37	33	17.32	cps
Nickel	60-2	47756	46950	47134	47280	0.89	cps
Phosphorus	31-2	1316838	1305381	1300279	1307499	0.65	cps
Potassium	39-2	55627736	56125753	55676041	55809843	0.49	cps
Rhodium	103-1	10916482	10777929	10844249	10846220	0.64	cps
Rhodium	103-2	6572901	6587709	6488790	6549800	0.81	cps
Scandium	45-1	6582656	6567395	6488692	6546248	0.77	cps
Scandium	45-2	579948	580215	580369	580177	0.04	cps
Selenium	82-1	3870	3879	3915	3888	0.62	cps
Selenium	77-2	413	360	447	407	10.75	cps
Selenium	78-2	1750	1703	1813	1756	3.15	cps
Silicon	28-1	632034	635246	635523	634267	0.31	cps
Silver	107-1	295123	296456	297289	296289	0.37	cps
Silver	109-1	280435	285681	283983	283366	0.94	cps
Sodium	23-2	70260881	70439326	70376266	70358824	0.13	cps
Strontium	86-1	131256	131709	130828	131264	0.34	cps
Strontium	88-1	1137462	1148015	1144366	1143281	0.47	cps
Sulfur	34-1	4430578	4356184	4402762	4396508	0.85	cps
Terbium	159-1	16422007	15897622	16142267	16153966	1.62	cps
Terbium	159-2	11171733	11293370	11226279	11230461	0.54	cps
Thallium	203-1	243040	243998	243870	243636	0.21	cps
Thallium	205-1	577465	576131	583166	578921	0.65	cps
Tin	118-1	2687	2857	2494	2679	6.79	cps
Titanium	47-1	2950996	2970109	2937919	2953008	0.55	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:45:27 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	623	703	610	646	7.82	cps
Vanadium	51-2	84049	84210	84501	84253	0.27	cps
Yttrium	89-1	18995628	18718331	18557039	18757000	1.18	cps
Yttrium	89-2	5143640	5201952	5197061	5180884	0.62	cps
Zinc	66-2	29118	29192	28764	29025	0.79	cps
Zirconium	90-1	1183	1110	1267	1187	6.61	cps
Zirconium	91-1	263	280	240	261	7.70	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13741311	13747834	13686893	13725346	0.24	cps
Antimony	121-1	5890326	5883076	5912513	5895305	0.26	cps
Arsenic	75-2	292513	291994	293987	292831	0.35	cps
Barium	135-1	7725031	7601584	7776308	7700974	1.17	cps
Barium	137-1	13093007	13286544	13238381	13205977	0.76	cps
Beryllium	9-1	703822	713067	712191	709693	0.72	cps
Bismuth	209-1	8898233	8898566	8747741	8848180	0.98	cps
Bismuth	209-2	7483496	7324055	7299247	7368932	1.36	cps
Bromine	81-1	13436	12849	12952	13079	2.40	cps
Bromine	81-2	127	103	143	124	16.15	cps
Cadmium	108-1	105550	106544	107887	106660	1.10	cps
Cadmium	106-1	153679	153871	153986	153846	0.10	cps
Cadmium	111-1	1436644	1461437	1447970	1448683	0.86	cps
Calcium	43-1	7567209	7452580	7547460	7522416	0.81	cps
Calcium	44-1	121572495	121759122	121899625	121743747	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2283084	2271959	2292771	2282605	0.46	cps
Cobalt	59-2	3501327	3518770	3503713	3507936	0.27	cps
Copper	63-2	24455403	24347826	24392624	24398618	0.22	cps
Dysprosium	156-1	283	267	273	274	3.06	cps
Dysprosium	156-2	523	507	620	550	11.13	cps
Erbium	164-1	313	337	297	316	6.37	cps
Erbium	164-2	253	170	263	229	22.39	cps
Gadolinium	160-1	303	250	333	296	14.28	cps
Gadolinium	160-2	700	737	753	730	3.74	cps
Holmium	165-1	15229335	15430126	15336984	15332148	0.66	cps
Holmium	165-2	11112985	11072706	11074516	11086736	0.21	cps
Indium	115-1	11651145	11616896	11492372	11586804	0.72	cps
Indium	115-2	4393632	4366083	4384703	4381472	0.32	cps
Iron	56-2	534920379	538048139	537275339	536747952	0.30	cps
Iron	57-2	13477880	13316214	13529403	13441166	0.83	cps
Iron	54-2	29201992	29218177	29233179	29217783	0.05	cps
Krypton	83-1	167	233	243	214	19.44	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23128572	23036410	23159132	23108038	0.28	cps
Lead	207-1	20475263	20384532	20400840	20420212	0.24	cps
Lead	208-1	92767038	92758837	92845248	92790374	0.05	cps
Lithium	6-1	1874918	1886296	1880853	1880689	0.30	cps
Magnesium	24-2	105850138	105467912	105497172	105605074	0.20	cps
Manganese	55-2	18869481	18872360	18851853	18864564	0.06	cps
Molybdenum	94-1	20113911	20482881	20194126	20263639	0.96	cps
Molybdenum	95-1	29486760	29561463	29316072	29454765	0.43	cps
Molybdenum	96-1	32260248	32225947	32388149	32291448	0.26	cps
Molybdenum	97-1	18374071	18418646	18252211	18348309	0.47	cps
Molybdenum	98-1	47407289	47354191	46982948	47248143	0.49	cps
Neodymium	150-1	410	497	513	473	11.72	cps
Neodymium	150-2	173	137	150	153	12.10	cps
Nickel	60-2	836248	831952	834002	834067	0.26	cps
Phosphorus	31-2	124088	122384	122182	122885	0.85	cps
Potassium	39-2	68571357	68769416	68427721	68589498	0.25	cps
Rhodium	103-1	10499490	10183925	10116780	10266732	1.99	cps
Rhodium	103-2	6190034	6204263	6162453	6185583	0.34	cps
Scandium	45-1	6407173	6394392	6374730	6392098	0.26	cps
Scandium	45-2	566129	568961	567096	567395	0.25	cps
Selenium	82-1	84986	86000	85527	85504	0.59	cps
Selenium	77-2	9300	9693	9260	9418	2.54	cps
Selenium	78-2	31777	31537	30508	31274	2.16	cps
Silicon	28-1	7538646	7506689	7586374	7543903	0.53	cps
Silver	107-1	7111000	7117006	7178269	7135425	0.52	cps
Silver	109-1	6929261	6849094	6965833	6914729	0.86	cps
Sodium	23-2	170017121	171654564	170942047	170871244	0.48	cps
Strontium	86-1	1874676	1880450	1856312	1870479	0.67	cps
Strontium	88-1	16152916	16407761	16296896	16285858	0.78	cps
Sulfur	34-1	544367	544409	546189	544988	0.19	cps
Terbium	159-1	15691545	15673875	15619554	15661658	0.24	cps
Terbium	159-2	10849932	10927707	10849538	10875726	0.41	cps
Thallium	203-1	5790023	5899489	5840456	5843322	0.94	cps
Thallium	205-1	13761001	13871979	13805489	13812823	0.40	cps
Tin	118-1	4885573	4899341	4932081	4905665	0.49	cps
Titanium	47-1	7026832	7021887	7036154	7028291	0.10	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:48:33 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18289677	18640290	18672074	18534014	1.14	cps
Vanadium	51-2	2084789	2065536	2059661	2069995	0.63	cps
Yttrium	89-1	18223240	18120977	18138143	18160787	0.30	cps
Yttrium	89-2	5061950	5023200	5000638	5028596	0.62	cps
Zinc	66-2	4240579	4226197	4229259	4232012	0.18	cps
Zirconium	90-1	9977471	10080422	10078799	10045564	0.59	cps
Zirconium	91-1	2204250	2251788	2209640	2221893	1.17	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	937	880	760	859	10.50	cps
Antimony	121-1	2724	2724	2604	2684	2.58	cps
Arsenic	75-2	17	27	17	20	28.86	cps
Barium	135-1	540	637	547	574	9.40	cps
Barium	137-1	963	927	913	934	2.77	cps
Beryllium	9-1	210	247	233	230	8.07	cps
Bismuth	209-1	9723200	9755916	8335997	9271704	8.74	cps
Bismuth	209-2	8338557	8455957	8403116	8399210	0.70	cps
Bromine	81-1	13359	13490	13433	13427	0.49	cps
Bromine	81-2	197	183	130	170	20.75	cps
Cadmium	108-1	27	27	27	27	0.00	cps
Cadmium	106-1	4828	4531	3791	4383	12.18	cps
Cadmium	111-1	1123	1075	909	1036	10.82	cps
Calcium	43-1	710	677	713	700	2.90	cps
Calcium	44-1	14017	15345	14310	14557	4.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2190	2080	2130	2134	2.58	cps
Cobalt	59-2	293	327	293	304	6.32	cps
Copper	63-2	2724	2577	2497	2599	4.42	cps
Dysprosium	156-1	3	7	10	7	50.03	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	100	53	60	71	35.50	cps
Erbium	164-2	70	70	70	70	0.00	cps
Gadolinium	160-1	53	63	60	59	8.65	cps
Gadolinium	160-2	690	697	677	688	1.48	cps
Holmium	165-1	15391961	15693862	13411964	14832596	8.36	cps
Holmium	165-2	11496019	11731484	11517654	11581719	1.12	cps
Indium	115-1	12331942	12508775	10790053	11876923	7.96	cps
Indium	115-2	4895952	4936325	4847571	4893282	0.91	cps
Iron	56-2	53833	52425	48578	51612	5.27	cps
Iron	57-2	1770	1947	1740	1819	6.14	cps
Iron	54-2	4324	4051	4231	4202	3.31	cps
Krypton	83-1	160	190	207	186	12.75	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2400	2667	2384	2484	6.40	cps
Lead	207-1	2077	2204	2070	2117	3.55	cps
Lead	208-1	9478	10235	9308	9674	5.10	cps
Lithium	6-1	2036967	2016814	1761103	1938295	7.93	cps
Magnesium	24-2	6391	5824	5374	5863	8.69	cps
Manganese	55-2	1503	1440	1290	1411	7.76	cps
Molybdenum	94-1	2360	2474	2287	2374	3.96	cps
Molybdenum	95-1	2967	3007	2660	2878	6.59	cps
Molybdenum	96-1	3244	3417	3180	3280	3.74	cps
Molybdenum	97-1	1850	1897	1697	1815	5.77	cps
Molybdenum	98-1	4434	4918	4417	4590	6.19	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	697	670	630	666	5.04	cps
Phosphorus	31-2	157	177	153	162	7.78	cps
Potassium	39-2	58097	58867	57916	58293	0.87	cps
Rhodium	103-1	11261065	11443884	9731422	10812124	8.70	cps
Rhodium	103-2	7089689	7140920	7128762	7119790	0.38	cps
Scandium	45-1	6453937	6637367	5658110	6249805	8.33	cps
Scandium	45-2	602577	595922	599934	599478	0.56	cps
Selenium	82-1	176	129	77	127	38.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	397	430	447	424	6.00	cps
Silicon	28-1	537776	536943	539959	538226	0.29	cps
Silver	107-1	1160	1170	1107	1146	2.97	cps
Silver	109-1	1230	1090	950	1090	12.84	cps
Sodium	23-2	60629	57460	56490	58193	3.72	cps
Strontium	86-1	420	470	437	442	5.76	cps
Strontium	88-1	1140	1257	1193	1197	4.88	cps
Sulfur	34-1	161783	165283	166866	164644	1.58	cps
Terbium	159-1	15615141	16117351	13706459	15146317	8.40	cps
Terbium	159-2	11471207	11439887	11418932	11443342	0.23	cps
Thallium	203-1	1653	1590	1407	1550	8.27	cps
Thallium	205-1	3914	3727	3561	3734	4.74	cps
Tin	118-1	1757	1823	1740	1773	2.49	cps
Titanium	47-1	580	883	630	698	23.31	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:51:19 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1307	1453	1340	1367	5.63	cps
Vanadium	51-2	117	113	90	107	13.62	cps
Yttrium	89-1	18393416	18827864	16083358	17768213	8.30	cps
Yttrium	89-2	5341562	5279125	5367058	5329249	0.85	cps
Zinc	66-2	433	313	353	367	16.66	cps
Zirconium	90-1	1997	2287	2043	2109	7.38	cps
Zirconium	91-1	403	497	460	453	10.37	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5948	5861	5985	5931	1.07	cps
Antimony	121-1	26598	26414	26504	26506	0.35	cps
Arsenic	75-2	710	690	680	693	2.20	cps
Barium	135-1	31926	31649	31308	31627	0.98	cps
Barium	137-1	54464	55602	55488	55184	1.14	cps
Beryllium	9-1	2070	1787	1693	1850	10.60	cps
Bismuth	209-1	9815605	9903557	9692606	9803923	1.08	cps
Bismuth	209-2	8415416	8526531	8281927	8407958	1.46	cps
Bromine	81-1	13686	13666	13273	13542	1.72	cps
Bromine	81-2	153	187	127	156	19.32	cps
Cadmium	108-1	297	320	240	286	14.41	cps
Cadmium	106-1	5111	5008	4871	4996	2.41	cps
Cadmium	111-1	4521	4378	4357	4419	2.02	cps
Calcium	43-1	18155	17257	17537	17650	2.61	cps
Calcium	44-1	294224	286371	283565	288054	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12525	12302	12052	12293	1.93	cps
Cobalt	59-2	8372	8279	8326	8326	0.56	cps
Copper	63-2	12655	12299	12362	12439	1.53	cps
Dysprosium	156-1	13	17	10	13	25.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	80	90	79	14.84	cps
Erbium	164-2	43	67	60	57	21.21	cps
Gadolinium	160-1	50	60	87	66	28.92	cps
Gadolinium	160-2	673	677	633	661	3.65	cps
Holmium	165-1	15920178	15844956	15660026	15808386	0.85	cps
Holmium	165-2	11569258	11676011	11434292	11559854	1.05	cps
Indium	115-1	12749444	12848062	12675924	12757810	0.68	cps
Indium	115-2	4887324	4900316	4973218	4920286	0.94	cps
Iron	56-2	272118	269922	269290	270443	0.55	cps
Iron	57-2	7652	7735	7579	7655	1.02	cps
Iron	54-2	16986	16442	16920	16783	1.77	cps
Krypton	83-1	190	170	163	174	7.95	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10568	10691	10077	10445	3.11	cps
Lead	207-1	9300	9187	9453	9313	1.44	cps
Lead	208-1	42814	42299	41962	42359	1.01	cps
Lithium	6-1	2068252	2040974	2052138	2053788	0.67	cps
Magnesium	24-2	236808	233888	231961	234219	1.04	cps
Manganese	55-2	4711	4681	4747	4713	0.71	cps
Molybdenum	94-1	26427	26397	25168	25998	2.76	cps
Molybdenum	95-1	31461	31698	31684	31614	0.42	cps
Molybdenum	96-1	36165	35720	35329	35738	1.17	cps
Molybdenum	97-1	19987	19877	19500	19788	1.29	cps
Molybdenum	98-1	51487	50989	50604	51027	0.87	cps
Neodymium	150-1	3	7	20	10	88.20	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	2784	2647	2520	2650	4.97	cps
Phosphorus	31-2	623	703	493	607	17.47	cps
Potassium	39-2	360123	357880	359455	359153	0.32	cps
Rhodium	103-1	11757659	11688584	11666021	11704088	0.41	cps
Rhodium	103-2	7213784	7141447	7100865	7152032	0.80	cps
Scandium	45-1	6893290	6832750	6739207	6821749	1.14	cps
Scandium	45-2	612153	606301	606861	608438	0.53	cps
Selenium	82-1	1140	1123	1209	1157	3.97	cps
Selenium	77-2	127	120	123	123	2.70	cps
Selenium	78-2	773	810	753	779	3.69	cps
Silicon	28-1	582951	583410	585765	584042	0.26	cps
Silver	107-1	16072	16456	16463	16330	1.37	cps
Silver	109-1	15425	15325	15515	15422	0.62	cps
Sodium	23-2	385354	383226	383792	384124	0.29	cps
Strontium	86-1	4387	4557	4387	4444	2.21	cps
Strontium	88-1	35954	35576	34781	35437	1.69	cps
Sulfur	34-1	171149	173095	173880	172708	0.81	cps
Terbium	159-1	16175822	16445441	15998849	16206704	1.39	cps
Terbium	159-2	11375895	11444657	11216760	11345770	1.03	cps
Thallium	203-1	12833	13030	13050	12971	0.92	cps
Thallium	205-1	30985	30882	30671	30846	0.52	cps
Tin	118-1	54596	54195	54436	54409	0.37	cps
Titanium	47-1	8403	7712	7432	7849	6.37	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-27 15:54:38 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37968	36019	34806	36264	4.40	cps
Vanadium	51-2	22320	22894	22233	22482	1.60	cps
Yttrium	89-1	19236947	19239490	19220742	19232393	0.05	cps
Yttrium	89-2	5378453	5296275	5375519	5350083	0.87	cps
Zinc	66-2	5558	5524	5171	5418	3.96	cps
Zirconium	90-1	22083	22260	21880	22074	0.86	cps
Zirconium	91-1	4831	4734	4721	4762	1.26	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3552977	3564934	3552460	3556790	0.20	cps
Antimony	121-1	440	430	457	442	3.05	cps
Arsenic	75-2	617	490	640	582	13.86	cps
Barium	135-1	64834	65553	66122	65503	0.99	cps
Barium	137-1	112013	114698	116216	114309	1.86	cps
Beryllium	9-1	597	607	600	601	0.85	cps
Bismuth	209-1	9418866	9434246	9474413	9442508	0.30	cps
Bismuth	209-2	7990018	7984295	8095327	8023213	0.78	cps
Bromine	81-1	13773	14554	14557	14295	3.16	cps
Bromine	81-2	300	347	320	322	7.26	cps
Cadmium	108-1	40	50	13	34	55.04	cps
Cadmium	106-1	5001	4891	4908	4933	1.20	cps
Cadmium	111-1	1345	1386	1362	1364	1.53	cps
Calcium	43-1	1339491	1387825	1346712	1358009	1.92	cps
Calcium	44-1	21535505	21695172	21926806	21719161	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19910	19446	20144	19833	1.79	cps
Cobalt	59-2	258620	258223	258310	258384	0.08	cps
Copper	63-2	43179	43637	43065	43294	0.70	cps
Dysprosium	156-1	79765	82601	83033	81800	2.17	cps
Dysprosium	156-2	68355	68017	68332	68235	0.28	cps
Erbium	164-1	105984	108806	108517	107769	1.44	cps
Erbium	164-2	79494	78801	80339	79545	0.97	cps
Gadolinium	160-1	86538	87303	88675	87505	1.24	cps
Gadolinium	160-2	67491	67002	67622	67372	0.49	cps
Holmium	165-1	15860073	15519055	15584364	15654497	1.16	cps
Holmium	165-2	11535498	11445902	11385243	11455548	0.66	cps
Indium	115-1	12439768	12504642	12541085	12495165	0.41	cps
Indium	115-2	4855853	4775031	4809197	4813360	0.84	cps
Iron	56-2	475955006	480910473	478851846	478572442	0.52	cps
Iron	57-2	11764796	11921234	11897390	11861140	0.71	cps
Iron	54-2	26060432	25995305	26246579	26100772	0.50	cps
Krypton	83-1	323	360	357	347	5.85	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4477	4577	4567	4541	1.21	cps
Lead	207-1	3574	3624	3771	3656	2.80	cps
Lead	208-1	17161	17098	17505	17254	1.27	cps
Lithium	6-1	1995236	1960394	1962194	1972608	0.99	cps
Magnesium	24-2	9037633	9037151	9092287	9055690	0.35	cps
Manganese	55-2	6580186	6525738	6607503	6571142	0.63	cps
Molybdenum	94-1	4674	4931	4838	4814	2.70	cps
Molybdenum	95-1	2210	2167	2090	2156	2.82	cps
Molybdenum	96-1	7489	7775	7582	7615	1.92	cps
Molybdenum	97-1	1283	1393	1330	1336	4.13	cps
Molybdenum	98-1	3260	3364	3227	3284	2.17	cps
Neodymium	150-1	91364	92987	91353	91901	1.02	cps
Neodymium	150-2	58066	56821	58059	57648	1.24	cps
Nickel	60-2	25755	26266	26243	26088	1.11	cps
Phosphorus	31-2	4317	4324	4447	4363	1.68	cps
Potassium	39-2	259560	263748	263290	262199	0.88	cps
Rhodium	103-1	11228677	11377880	11418917	11341825	0.88	cps
Rhodium	103-2	6922941	6866253	6973997	6921064	0.78	cps
Scandium	45-1	6713168	6668870	6783645	6721894	0.86	cps
Scandium	45-2	607095	606979	611048	608374	0.38	cps
Selenium	82-1	299	251	209	253	17.82	cps
Selenium	77-2	177	173	170	173	1.92	cps
Selenium	78-2	553	587	617	586	5.41	cps
Silicon	28-1	73223456	75308867	74846069	74459464	1.47	cps
Silver	107-1	440	447	477	454	4.30	cps
Silver	109-1	400	327	293	340	16.05	cps
Sodium	23-2	4634574	4620826	4705539	4653646	0.98	cps
Strontium	86-1	389143	391925	400703	393923	1.53	cps
Strontium	88-1	3503475	3599865	3594446	3565929	1.52	cps
Sulfur	34-1	5230904	5316594	5331113	5292870	1.02	cps
Terbium	159-1	15900514	16197040	16246217	16114590	1.16	cps
Terbium	159-2	11268115	11287718	11113449	11223094	0.85	cps
Thallium	203-1	890	967	920	926	4.17	cps
Thallium	205-1	2257	2074	2097	2142	4.66	cps
Tin	118-1	3071	2670	2704	2815	7.89	cps
Titanium	47-1	3344	2990	3180	3171	5.58	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 15:57:58 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46484	47260	47377	47041	1.03	cps
Vanadium	51-2	516649	516727	519906	517761	0.36	cps
Yttrium	89-1	20737089	20904103	20716206	20785799	0.50	cps
Yttrium	89-2	5847576	5820498	5875078	5847718	0.47	cps
Zinc	66-2	118331	117595	118004	117976	0.31	cps
Zirconium	90-1	9500	9216	9583	9433	2.04	cps
Zirconium	91-1	1953	2107	2097	2052	4.18	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3629851	3653396	3707691	3663646	1.09	cps
Antimony	121-1	333	343	400	359	10.02	cps
Arsenic	75-2	600	633	560	598	6.14	cps
Barium	135-1	67261	67281	66464	67002	0.70	cps
Barium	137-1	116550	117453	117622	117208	0.49	cps
Beryllium	9-1	547	590	547	561	4.46	cps
Bismuth	209-1	9317470	9302235	9340197	9319967	0.20	cps
Bismuth	209-2	8171062	8104318	8211416	8162265	0.66	cps
Bromine	81-1	14697	15091	14661	14816	1.61	cps
Bromine	81-2	350	343	343	346	1.11	cps
Cadmium	108-1	33	57	50	47	25.76	cps
Cadmium	106-1	4948	5231	5128	5102	2.81	cps
Cadmium	111-1	1356	1475	1406	1412	4.24	cps
Calcium	43-1	1414130	1440541	1399659	1418110	1.46	cps
Calcium	44-1	22681024	22822426	22632870	22712107	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20731	20784	20614	20710	0.42	cps
Cobalt	59-2	267202	267801	267717	267573	0.12	cps
Copper	63-2	44549	44202	44559	44437	0.46	cps
Dysprosium	156-1	84535	85478	84686	84900	0.60	cps
Dysprosium	156-2	69149	69641	69662	69484	0.42	cps
Erbium	164-1	110321	110700	111255	110759	0.42	cps
Erbium	164-2	81546	80999	82307	81618	0.80	cps
Gadolinium	160-1	89332	89863	91651	90282	1.35	cps
Gadolinium	160-2	68999	68851	69421	69090	0.43	cps
Holmium	165-1	15595192	15443222	15813121	15617178	1.19	cps
Holmium	165-2	11663792	11531933	11576388	11590704	0.58	cps
Indium	115-1	12519083	12346695	12757445	12541074	1.64	cps
Indium	115-2	4862098	4885865	4858210	4868724	0.31	cps
Iron	56-2	495645739	496888153	496080779	496204890	0.13	cps
Iron	57-2	12291213	12287149	12404439	12327601	0.54	cps
Iron	54-2	26971645	26920331	27151843	27014606	0.45	cps
Krypton	83-1	363	333	360	352	4.67	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4307	4734	4434	4492	4.88	cps
Lead	207-1	3697	3447	3911	3685	6.30	cps
Lead	208-1	17211	17575	17608	17465	1.26	cps
Lithium	6-1	1973444	1884518	1921684	1926549	2.32	cps
Magnesium	24-2	9386159	9293923	9352807	9344297	0.50	cps
Manganese	55-2	6760307	6824103	6859546	6814652	0.74	cps
Molybdenum	94-1	3867	4004	3757	3876	3.19	cps
Molybdenum	95-1	667	590	647	634	6.27	cps
Molybdenum	96-1	6448	6318	6852	6539	4.25	cps
Molybdenum	97-1	443	413	430	429	3.51	cps
Molybdenum	98-1	720	730	793	748	5.32	cps
Neodymium	150-1	94255	95504	95487	95082	0.75	cps
Neodymium	150-2	58976	59890	60640	59835	1.39	cps
Nickel	60-2	26794	27522	27158	27158	1.34	cps
Phosphorus	31-2	4421	4654	4361	4478	3.46	cps
Potassium	39-2	268654	269445	269587	269229	0.19	cps
Rhodium	103-1	11662933	11412777	11482307	11519339	1.12	cps
Rhodium	103-2	7046124	7043949	7117077	7069050	0.59	cps
Scandium	45-1	6877034	6733629	6879192	6829952	1.22	cps
Scandium	45-2	613702	616592	621043	617112	0.60	cps
Selenium	82-1	252	269	236	253	6.49	cps
Selenium	77-2	223	207	160	197	16.69	cps
Selenium	78-2	590	547	570	569	3.81	cps
Silicon	28-1	76955221	78155462	78046931	77719204	0.85	cps
Silver	107-1	400	350	343	364	8.50	cps
Silver	109-1	230	263	283	259	10.41	cps
Sodium	23-2	4733597	4755661	4822877	4770711	0.97	cps
Strontium	86-1	409776	410853	411418	410682	0.20	cps
Strontium	88-1	3684595	3664415	3701672	3683561	0.51	cps
Sulfur	34-1	5503957	5578149	5526413	5536173	0.69	cps
Terbium	159-1	16143807	15739501	16331953	16071754	1.88	cps
Terbium	159-2	11376609	11379125	11420659	11392131	0.22	cps
Thallium	203-1	820	847	697	788	10.16	cps
Thallium	205-1	1787	1937	1883	1869	4.07	cps
Tin	118-1	2307	2394	2204	2301	4.13	cps
Titanium	47-1	2964	3314	3047	3108	5.88	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02DUPDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224DUF Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:01:09 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46651	47745	48381	47593	1.84	cps
Vanadium	51-2	537309	537347	536698	537118	0.07	cps
Yttrium	89-1	20931165	20615443	21207631	20918080	1.42	cps
Yttrium	89-2	5991148	5952088	5949138	5964125	0.39	cps
Zinc	66-2	123011	121499	122235	122248	0.62	cps
Zirconium	90-1	8836	9146	9130	9037	1.93	cps
Zirconium	91-1	2087	2107	2094	2096	0.49	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	723286	729219	725294	725933	0.42	cps
Antimony	121-1	227	170	180	192	15.74	cps
Arsenic	75-2	137	137	123	132	5.82	cps
Barium	135-1	13617	13683	13627	13642	0.26	cps
Barium	137-1	23045	23566	24037	23550	2.11	cps
Beryllium	9-1	227	203	233	221	7.12	cps
Bismuth	209-1	9740890	9790797	9685010	9738899	0.54	cps
Bismuth	209-2	8349753	8310918	8397163	8352612	0.52	cps
Bromine	81-1	14998	14387	14344	14576	2.51	cps
Bromine	81-2	200	193	203	199	2.56	cps
Cadmium	108-1	7	13	13	11	34.61	cps
Cadmium	106-1	5034	4814	4571	4806	4.82	cps
Cadmium	111-1	1116	1043	1014	1058	4.98	cps
Calcium	43-1	291848	291115	291618	291527	0.13	cps
Calcium	44-1	4571026	4642159	4638309	4617165	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5501	5394	5648	5514	2.31	cps
Cobalt	59-2	54897	55094	54662	54884	0.39	cps
Copper	63-2	10504	11031	11108	10881	3.02	cps
Dysprosium	156-1	16697	17254	16563	16838	2.18	cps
Dysprosium	156-2	13537	14054	14030	13874	2.11	cps
Erbium	164-1	22051	21730	21997	21926	0.78	cps
Erbium	164-2	15923	16683	15839	16148	2.88	cps
Gadolinium	160-1	18392	17715	17571	17893	2.45	cps
Gadolinium	160-2	14024	14471	14014	14169	1.84	cps
Holmium	165-1	16119216	16273683	16053257	16148719	0.70	cps
Holmium	165-2	11617507	11628239	11703252	11649666	0.40	cps
Indium	115-1	13232881	13194797	13106862	13178180	0.49	cps
Indium	115-2	5010453	5029364	5060226	5033348	0.50	cps
Iron	56-2	100916489	101559382	100912595	101129488	0.37	cps
Iron	57-2	2518272	2518471	2527917	2521554	0.22	cps
Iron	54-2	5563364	5526944	5547922	5546077	0.33	cps
Krypton	83-1	200	233	240	224	9.55	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1417	1387	1410	1405	1.12	cps
Lead	207-1	1190	1167	1060	1139	6.09	cps
Lead	208-1	5504	5360	5454	5439	1.34	cps
Lithium	6-1	2041960	2010354	2009914	2020743	0.91	cps
Magnesium	24-2	1950766	1949647	1901889	1934100	1.44	cps
Manganese	55-2	1389038	1419479	1352533	1387017	2.42	cps
Molybdenum	94-1	1243	1263	1350	1286	4.41	cps
Molybdenum	95-1	617	630	603	617	2.16	cps
Molybdenum	96-1	1880	1880	1880	1880	0.00	cps
Molybdenum	97-1	360	413	377	383	7.12	cps
Molybdenum	98-1	967	897	890	918	4.63	cps
Neodymium	150-1	18926	19006	18629	18854	1.05	cps
Neodymium	150-2	11662	11942	11962	11855	1.42	cps
Nickel	60-2	5815	5811	6308	5978	4.78	cps
Phosphorus	31-2	1060	1113	873	1016	12.41	cps
Potassium	39-2	100187	102452	100727	101122	1.17	cps
Rhodium	103-1	12072276	12119788	12135596	12109220	0.27	cps
Rhodium	103-2	7369163	7369005	7415482	7384550	0.36	cps
Scandium	45-1	7112077	7170417	7207344	7163279	0.67	cps
Scandium	45-2	638208	641907	638862	639659	0.31	cps
Selenium	82-1	263	159	119	180	41.16	cps
Selenium	77-2	30	23	33	29	17.63	cps
Selenium	78-2	480	480	517	492	4.30	cps
Silicon	28-1	16337846	16275959	16474552	16362785	0.62	cps
Silver	107-1	263	187	187	212	20.86	cps
Silver	109-1	157	133	117	136	14.82	cps
Sodium	23-2	938817	946392	936451	940553	0.55	cps
Strontium	86-1	83062	83090	83545	83232	0.33	cps
Strontium	88-1	712155	715945	715656	714585	0.30	cps
Sulfur	34-1	1315790	1296394	1313395	1308526	0.81	cps
Terbium	159-1	16585329	16296014	16377055	16419466	0.91	cps
Terbium	159-2	11656724	11541283	11646922	11614976	0.55	cps
Thallium	203-1	587	657	637	627	5.75	cps
Thallium	205-1	1403	1490	1233	1376	9.49	cps
Tin	118-1	1797	1777	1800	1791	0.70	cps
Titanium	47-1	730	760	760	750	2.31	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02LDLX50 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224LDL Dilution Factor : 50
Date & Time Acquired : 2024-12-27 16:04:21 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9483	9981	9163	9542	4.32	cps
Vanadium	51-2	109272	109493	108607	109124	0.42	cps
Yttrium	89-1	20089606	20409240	20223869	20240905	0.79	cps
Yttrium	89-2	5679013	5730104	5717535	5708884	0.47	cps
Zinc	66-2	25903	25809	25832	25848	0.19	cps
Zirconium	90-1	2454	2490	2510	2485	1.16	cps
Zirconium	91-1	503	487	483	491	2.18	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3781732	3807606	3774515	3787951	0.46	cps
Antimony	121-1	731216	758011	760278	749835	2.16	cps
Arsenic	75-2	42146	42059	42457	42221	0.50	cps
Barium	135-1	957574	988024	992538	979379	1.94	cps
Barium	137-1	1732960	1767582	1771412	1757318	1.21	cps
Beryllium	9-1	91091	94575	94236	93301	2.06	cps
Bismuth	209-1	9870819	9392705	9400843	9554789	2.86	cps
Bismuth	209-2	8138699	8096804	7897800	8044434	1.60	cps
Bromine	81-1	14854	14317	15175	14782	2.93	cps
Bromine	81-2	370	283	333	329	13.23	cps
Cadmium	108-1	14381	15085	15191	14886	2.96	cps
Cadmium	106-1	26284	26230	26197	26237	0.17	cps
Cadmium	111-1	204386	210927	209235	208182	1.63	cps
Calcium	43-1	1481907	1524262	1479755	1495308	1.68	cps
Calcium	44-1	23644956	24222842	24237025	24034941	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318099	318885	316234	317739	0.43	cps
Cobalt	59-2	739677	736556	733144	736459	0.44	cps
Copper	63-2	2975619	2931518	2970705	2959281	0.82	cps
Dysprosium	156-1	77170	79466	81608	79415	2.79	cps
Dysprosium	156-2	66148	65160	66165	65824	0.87	cps
Erbium	164-1	100425	103775	104450	102883	2.10	cps
Erbium	164-2	75704	75680	76809	76064	0.85	cps
Gadolinium	160-1	82183	85787	85415	84461	2.35	cps
Gadolinium	160-2	66132	66115	64035	65427	1.84	cps
Holmium	165-1	16685481	16088028	15691327	16154945	3.10	cps
Holmium	165-2	11584299	11422626	11565999	11524308	0.77	cps
Indium	115-1	13527495	12852328	12716876	13032233	3.33	cps
Indium	115-2	4887389	4979845	4878611	4915282	1.14	cps
Iron	56-2	479923500	480171393	481491873	480528922	0.18	cps
Iron	57-2	11944603	11969245	11942978	11952275	0.12	cps
Iron	54-2	26462160	25971499	26153655	26195772	0.95	cps
Krypton	83-1	373	320	397	363	10.82	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2343953	2329842	2375585	2349793	1.00	cps
Lead	207-1	2061913	2098688	2098881	2086494	1.02	cps
Lead	208-1	9283677	9488598	9606851	9459709	1.73	cps
Lithium	6-1	2085319	1962858	1960008	2002729	3.57	cps
Magnesium	24-2	11048506	11063275	10980018	11030599	0.40	cps
Manganese	55-2	8411161	8313935	8440614	8388570	0.79	cps
Molybdenum	94-1	1714700	1777900	1781002	1757867	2.13	cps
Molybdenum	95-1	2230433	2247692	2310351	2262825	1.86	cps
Molybdenum	96-1	2441728	2548094	2541382	2510401	2.37	cps
Molybdenum	97-1	1319191	1382792	1376160	1359381	2.57	cps
Molybdenum	98-1	3493770	3609482	3609679	3570977	1.87	cps
Neodymium	150-1	86577	89663	89871	88703	2.08	cps
Neodymium	150-2	56124	56168	56141	56145	0.04	cps
Nickel	60-2	145134	144353	144613	144700	0.27	cps
Phosphorus	31-2	4174	4297	4361	4277	2.22	cps
Potassium	39-2	2059129	2061235	2077782	2066049	0.49	cps
Rhodium	103-1	12258393	11560471	11754466	11857776	3.04	cps
Rhodium	103-2	7050616	7052476	6990454	7031182	0.50	cps
Scandium	45-1	7463394	7049014	6973016	7161808	3.69	cps
Scandium	45-2	621909	622052	620924	621628	0.10	cps
Selenium	82-1	11665	12089	12433	12062	3.19	cps
Selenium	77-2	1517	1493	1427	1479	3.16	cps
Selenium	78-2	5208	5091	4971	5090	2.33	cps
Silicon	28-1	71180611	74111924	72970262	72754266	2.03	cps
Silver	107-1	1943	1843	1973	1920	3.55	cps
Silver	109-1	1140	1187	1193	1173	2.48	cps
Sodium	23-2	8095193	8054742	8027989	8059308	0.42	cps
Strontium	86-1	613260	625625	628235	622373	1.29	cps
Strontium	88-1	5463131	5621705	5613469	5566101	1.60	cps
Sulfur	34-1	5165630	5262615	5212289	5213511	0.93	cps
Terbium	159-1	17035377	16287432	16228773	16517194	2.72	cps
Terbium	159-2	11450177	11325103	11346715	11373998	0.59	cps
Thallium	203-1	692501	713934	713576	706670	1.74	cps
Thallium	205-1	1652619	1689284	1702326	1681409	1.53	cps
Tin	118-1	593443	617019	621920	610794	2.49	cps
Titanium	47-1	341484	352757	354476	349572	2.02	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:07:36 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2263627	2327039	2325223	2305296	1.57	cps
Vanadium	51-2	781192	781614	783371	782059	0.15	cps
Yttrium	89-1	22350335	21296313	21096548	21581065	3.12	cps
Yttrium	89-2	5909181	5929576	5846158	5894972	0.74	cps
Zinc	66-2	597018	594190	594577	595262	0.26	cps
Zirconium	90-1	1259442	1307211	1306079	1290911	2.11	cps
Zirconium	91-1	277701	288811	290049	285520	2.38	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3828782	3832214	3774188	3811728	0.85	cps
Antimony	121-1	749571	768738	767241	761850	1.40	cps
Arsenic	75-2	41782	41822	41615	41740	0.26	cps
Barium	135-1	987607	1006712	995759	996693	0.96	cps
Barium	137-1	1733943	1776910	1787248	1766034	1.60	cps
Beryllium	9-1	92329	94625	92526	93160	1.37	cps
Bismuth	209-1	9548879	9395182	9471707	9471923	0.81	cps
Bismuth	209-2	8135203	8141925	8091893	8123007	0.33	cps
Bromine	81-1	15044	14674	14938	14885	1.28	cps
Bromine	81-2	380	333	360	358	6.54	cps
Cadmium	108-1	14918	14981	15709	15203	2.89	cps
Cadmium	106-1	26548	26311	26945	26601	1.21	cps
Cadmium	111-1	208083	212857	210962	210634	1.14	cps
Calcium	43-1	1485885	1501616	1508818	1498773	0.78	cps
Calcium	44-1	23961637	24263866	24170959	24132154	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320402	318140	316955	318499	0.55	cps
Cobalt	59-2	745984	739884	735185	740351	0.73	cps
Copper	63-2	3001650	2953873	2964920	2973481	0.84	cps
Dysprosium	156-1	78695	79909	80421	79675	1.11	cps
Dysprosium	156-2	66466	66316	66259	66347	0.16	cps
Erbium	164-1	103231	105430	105877	104846	1.35	cps
Erbium	164-2	75814	75593	76984	76130	0.98	cps
Gadolinium	160-1	83758	85921	86025	85235	1.50	cps
Gadolinium	160-2	65328	65944	65217	65497	0.60	cps
Holmium	165-1	15970829	15886284	15869928	15909014	0.34	cps
Holmium	165-2	11640630	11612608	11501299	11584846	0.64	cps
Indium	115-1	12711410	12894522	12563356	12723096	1.30	cps
Indium	115-2	4913649	4929448	4897998	4913698	0.32	cps
Iron	56-2	488029099	482609193	483490939	484709744	0.60	cps
Iron	57-2	12097682	12022607	11906606	12008965	0.80	cps
Iron	54-2	26385292	26214007	26260483	26286594	0.34	cps
Krypton	83-1	367	353	400	373	6.44	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2316692	2405600	2352397	2358230	1.90	cps
Lead	207-1	2083337	2091955	2128252	2101181	1.13	cps
Lead	208-1	9451595	9559461	9634028	9548361	0.96	cps
Lithium	6-1	1939813	1955209	1950430	1948484	0.40	cps
Magnesium	24-2	11011913	10856941	11031927	10966927	0.87	cps
Manganese	55-2	8492741	8315947	8370023	8392904	1.08	cps
Molybdenum	94-1	1754875	1762769	1785334	1767659	0.89	cps
Molybdenum	95-1	2210995	2300550	2282373	2264639	2.09	cps
Molybdenum	96-1	2513202	2536327	2539823	2529784	0.57	cps
Molybdenum	97-1	1372204	1379303	1377332	1376280	0.27	cps
Molybdenum	98-1	3615447	3632407	3606425	3618093	0.36	cps
Neodymium	150-1	88398	89652	90930	89660	1.41	cps
Neodymium	150-2	57590	56238	55606	56478	1.80	cps
Nickel	60-2	145417	147123	145545	146028	0.65	cps
Phosphorus	31-2	4114	4301	4257	4224	2.31	cps
Potassium	39-2	2068456	2070170	2081048	2073225	0.33	cps
Rhodium	103-1	11743447	11708673	11624913	11692344	0.52	cps
Rhodium	103-2	7131463	7130849	7018561	7093625	0.92	cps
Scandium	45-1	7050667	7056624	6898349	7001880	1.28	cps
Scandium	45-2	624319	624083	621419	623274	0.26	cps
Selenium	82-1	12258	12345	12180	12261	0.67	cps
Selenium	77-2	1520	1467	1377	1455	4.98	cps
Selenium	78-2	5288	5011	5281	5193	3.04	cps
Silicon	28-1	73112989	73649642	74031897	73598176	0.63	cps
Silver	107-1	1957	1953	1937	1949	0.55	cps
Silver	109-1	1153	1003	1120	1092	7.21	cps
Sodium	23-2	8085621	7922532	8102348	8036834	1.24	cps
Strontium	86-1	624405	632747	636826	631326	1.00	cps
Strontium	88-1	5591074	5642875	5599562	5611170	0.50	cps
Sulfur	34-1	5159129	5170384	5277631	5202381	1.26	cps
Terbium	159-1	16395870	16270777	16042543	16236397	1.10	cps
Terbium	159-2	11485853	11341646	11503579	11443693	0.78	cps
Thallium	203-1	709839	722790	723027	718552	1.05	cps
Thallium	205-1	1678852	1710548	1715845	1701748	1.18	cps
Tin	118-1	609420	618486	629821	619242	1.65	cps
Titanium	47-1	348537	353986	353547	352023	0.86	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02MSDDLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224MSI Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:10:37 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2254975	2364100	2332415	2317164	2.42	cps
Vanadium	51-2	788223	783243	779898	783788	0.53	cps
Yttrium	89-1	21461582	21234071	20984032	21226562	1.13	cps
Yttrium	89-2	5978172	5990268	5891233	5953224	0.91	cps
Zinc	66-2	601880	598081	594848	598270	0.59	cps
Zirconium	90-1	1294800	1316249	1309481	1306843	0.84	cps
Zirconium	91-1	287119	289612	293030	289921	1.02	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3775631	3732231	3740715	3749526	0.61	cps
Antimony	121-1	750674	758079	761767	756840	0.75	cps
Arsenic	75-2	41521	41675	42143	41780	0.77	cps
Barium	135-1	986297	992924	999811	993011	0.68	cps
Barium	137-1	1778727	1791180	1804101	1791336	0.71	cps
Beryllium	9-1	93234	93455	93546	93412	0.17	cps
Bismuth	209-1	9884950	9587464	9442841	9638419	2.34	cps
Bismuth	209-2	8184589	8181759	8176868	8181072	0.05	cps
Bromine	81-1	14814	14671	14984	14823	1.06	cps
Bromine	81-2	377	313	367	352	9.67	cps
Cadmium	108-1	14584	14627	14961	14724	1.40	cps
Cadmium	106-1	26170	25963	26648	26260	1.34	cps
Cadmium	111-1	207880	210263	209937	209360	0.62	cps
Calcium	43-1	1496136	1494087	1511232	1500485	0.62	cps
Calcium	44-1	23979347	24071078	24105836	24052087	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317940	318106	314941	316996	0.56	cps
Cobalt	59-2	739285	735044	737022	737117	0.29	cps
Copper	63-2	2946120	2922510	2909094	2925908	0.64	cps
Dysprosium	156-1	79134	79832	80851	79939	1.08	cps
Dysprosium	156-2	65579	66396	65659	65878	0.68	cps
Erbium	164-1	101992	103550	104910	103484	1.41	cps
Erbium	164-2	75472	76722	76253	76149	0.83	cps
Gadolinium	160-1	84281	85790	84540	84870	0.95	cps
Gadolinium	160-2	65060	64939	64819	64939	0.19	cps
Holmium	165-1	16480535	16235747	16027979	16248087	1.39	cps
Holmium	165-2	11614323	11713889	11733944	11687385	0.55	cps
Indium	115-1	13433359	12827830	12775685	13012291	2.81	cps
Indium	115-2	4969837	4954278	4946822	4956979	0.24	cps
Iron	56-2	484187953	480435766	478946833	481190184	0.56	cps
Iron	57-2	12075019	11793824	11982049	11950297	1.20	cps
Iron	54-2	26386310	26072190	26064993	26174498	0.70	cps
Krypton	83-1	387	323	393	368	10.50	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2307388	2407730	2319283	2344800	2.34	cps
Lead	207-1	2084018	2083396	2105783	2091066	0.61	cps
Lead	208-1	9478107	9590486	9466000	9511531	0.72	cps
Lithium	6-1	1984983	1968248	1975597	1976276	0.42	cps
Magnesium	24-2	10943998	10841637	10821988	10869208	0.60	cps
Manganese	55-2	8413049	8241580	8350956	8335195	1.04	cps
Molybdenum	94-1	1726899	1754731	1731706	1737779	0.86	cps
Molybdenum	95-1	2225074	2256526	2257460	2246353	0.82	cps
Molybdenum	96-1	2513596	2549342	2513531	2525489	0.82	cps
Molybdenum	97-1	1357740	1372291	1384767	1371599	0.99	cps
Molybdenum	98-1	3566638	3642826	3619013	3609492	1.08	cps
Neodymium	150-1	88921	89683	89250	89285	0.43	cps
Neodymium	150-2	56496	56278	56392	56389	0.19	cps
Nickel	60-2	143946	144875	142899	143907	0.69	cps
Phosphorus	31-2	4361	4301	4387	4350	1.02	cps
Potassium	39-2	2048656	2036711	2043284	2042883	0.29	cps
Rhodium	103-1	11910107	11840032	11750290	11833476	0.68	cps
Rhodium	103-2	7165729	7122691	7134937	7141119	0.31	cps
Scandium	45-1	7266469	7054872	7006509	7109283	1.94	cps
Scandium	45-2	623882	623572	623043	623499	0.07	cps
Selenium	82-1	12010	12524	12262	12265	2.09	cps
Selenium	77-2	1367	1577	1473	1472	7.13	cps
Selenium	78-2	4948	4961	4974	4961	0.27	cps
Silicon	28-1	72522522	73862982	73534634	73306713	0.95	cps
Silver	107-1	1940	1870	2100	1970	5.98	cps
Silver	109-1	1100	1180	1037	1106	6.50	cps
Sodium	23-2	8079540	8008478	7983606	8023875	0.62	cps
Strontium	86-1	623560	626730	629857	626715	0.50	cps
Strontium	88-1	5549220	5628449	5515620	5564430	1.04	cps
Sulfur	34-1	5254919	5212168	5217487	5228191	0.45	cps
Terbium	159-1	16914547	16650166	16197509	16587408	2.19	cps
Terbium	159-2	11578179	11648969	11466325	11564491	0.80	cps
Thallium	203-1	707187	716061	717889	713713	0.80	cps
Thallium	205-1	1678490	1707710	1718348	1701516	1.21	cps
Tin	118-1	610603	625124	622903	619543	1.26	cps
Titanium	47-1	346660	351367	353014	350347	0.94	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-02ADLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-07-121224ADL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:13:39 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2291165	2316696	2355180	2321013	1.39	cps
Vanadium	51-2	781435	774282	776216	777311	0.48	cps
Yttrium	89-1	21769496	21445656	21036834	21417328	1.71	cps
Yttrium	89-2	5921115	5955756	5956963	5944611	0.34	cps
Zinc	66-2	592224	593805	590252	592094	0.30	cps
Zirconium	90-1	1282337	1310456	1311866	1301553	1.28	cps
Zirconium	91-1	286885	290419	289599	288968	0.64	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3431505	3474415	3509631	3471850	1.13	cps
Antimony	121-1	890	773	753	806	9.16	cps
Arsenic	75-2	520	493	507	507	2.63	cps
Barium	135-1	63370	63752	62771	63298	0.78	cps
Barium	137-1	109632	110744	108920	109765	0.84	cps
Beryllium	9-1	770	537	627	644	18.26	cps
Bismuth	209-1	9600055	9429002	9455870	9494975	0.97	cps
Bismuth	209-2	8228648	7832388	8054036	8038357	2.47	cps
Bromine	81-1	15782	15108	15285	15391	2.27	cps
Bromine	81-2	360	360	320	347	6.66	cps
Cadmium	108-1	40	50	33	41	20.41	cps
Cadmium	106-1	5294	4968	5284	5182	3.59	cps
Cadmium	111-1	1419	1427	1400	1415	0.97	cps
Calcium	43-1	1284603	1312776	1306757	1301379	1.14	cps
Calcium	44-1	20546423	21003061	21092188	20880558	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16299	16145	16556	16333	1.27	cps
Cobalt	59-2	278955	280116	276922	278665	0.58	cps
Copper	63-2	41320	40458	40625	40801	1.12	cps
Dysprosium	156-1	81954	83345	83231	82843	0.93	cps
Dysprosium	156-2	68724	69239	67498	68487	1.31	cps
Erbium	164-1	107724	110254	110942	109640	1.55	cps
Erbium	164-2	80333	80326	78713	79791	1.17	cps
Gadolinium	160-1	87498	89423	88209	88376	1.10	cps
Gadolinium	160-2	67468	68295	68804	68189	0.99	cps
Holmium	165-1	15978492	16086121	16100323	16054979	0.41	cps
Holmium	165-2	11762634	11211693	11506408	11493578	2.40	cps
Indium	115-1	13067058	13047718	12858888	12991221	0.89	cps
Indium	115-2	5029327	4717571	4880728	4875875	3.20	cps
Iron	56-2	499091006	494497339	494074286	495887544	0.56	cps
Iron	57-2	12391804	12255424	12295139	12314122	0.57	cps
Iron	54-2	26951716	27181782	26794276	26975925	0.72	cps
Krypton	83-1	433	347	433	404	12.37	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3877	3761	3684	3774	2.58	cps
Lead	207-1	3080	3030	3114	3075	1.36	cps
Lead	208-1	15330	14533	14500	14788	3.18	cps
Lithium	6-1	1987318	1983226	1953344	1974629	0.94	cps
Magnesium	24-2	7950526	7895833	7970866	7939075	0.49	cps
Manganese	55-2	6692920	6665000	6663870	6673930	0.25	cps
Molybdenum	94-1	5698	5578	5618	5631	1.09	cps
Molybdenum	95-1	1107	977	807	963	15.62	cps
Molybdenum	96-1	7032	7269	6965	7088	2.25	cps
Molybdenum	97-1	620	583	553	586	5.70	cps
Molybdenum	98-1	1437	1327	1010	1258	17.61	cps
Neodymium	150-1	89697	93866	91873	91812	2.27	cps
Neodymium	150-2	57992	58424	57483	57966	0.81	cps
Nickel	60-2	17520	16893	17384	17266	1.91	cps
Phosphorus	31-2	4064	3684	3700	3816	5.63	cps
Potassium	39-2	285201	285444	285261	285302	0.04	cps
Rhodium	103-1	11944250	11718183	11967076	11876503	1.16	cps
Rhodium	103-2	7229312	6885079	7132078	7082156	2.51	cps
Scandium	45-1	7122363	7021967	7113744	7086025	0.79	cps
Scandium	45-2	636801	605636	621955	621464	2.51	cps
Selenium	82-1	190	241	192	208	13.81	cps
Selenium	77-2	147	187	200	178	15.61	cps
Selenium	78-2	610	593	597	600	1.47	cps
Silicon	28-1	83298050	84572575	84590627	84153751	0.88	cps
Silver	107-1	280	273	340	298	12.33	cps
Silver	109-1	207	227	180	204	11.45	cps
Sodium	23-2	4215515	4254037	4287346	4252299	0.85	cps
Strontium	86-1	409812	417728	415814	414451	1.00	cps
Strontium	88-1	3685685	3759563	3798313	3747854	1.53	cps
Sulfur	34-1	5110791	5085057	5184366	5126738	1.01	cps
Terbium	159-1	16860394	16299769	16477324	16545829	1.73	cps
Terbium	159-2	11711590	11079275	11440000	11410288	2.78	cps
Thallium	203-1	827	723	647	732	12.34	cps
Thallium	205-1	1717	1580	1413	1570	9.68	cps
Tin	118-1	3024	3157	2954	3045	3.39	cps
Titanium	47-1	3324	3377	3434	3378	1.63	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-08DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-10-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:16:39 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46217	46284	47260	46587	1.25	cps
Vanadium	51-2	502634	502224	499427	501428	0.35	cps
Yttrium	89-1	21716986	21669580	21818418	21734995	0.35	cps
Yttrium	89-2	6120358	5798230	5964413	5961000	2.70	cps
Zinc	66-2	128829	128039	129398	128756	0.53	cps
Zirconium	90-1	12826	13610	12946	13127	3.22	cps
Zirconium	91-1	2927	2924	2950	2934	0.50	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3241465	3193761	3214910	3216712	0.74	cps
Antimony	121-1	400	343	353	366	8.27	cps
Arsenic	75-2	607	557	527	563	7.17	cps
Barium	135-1	64294	65312	64857	64821	0.79	cps
Barium	137-1	112678	113586	113159	113141	0.40	cps
Beryllium	9-1	483	570	583	546	9.95	cps
Bismuth	209-1	9536558	9515454	9389292	9480435	0.84	cps
Bismuth	209-2	8291501	8190854	8225423	8235926	0.62	cps
Bromine	81-1	15245	15432	15001	15226	1.42	cps
Bromine	81-2	300	353	370	341	10.72	cps
Cadmium	108-1	20	37	13	23	51.52	cps
Cadmium	106-1	5208	5001	5114	5108	2.03	cps
Cadmium	111-1	1437	1379	1410	1409	2.08	cps
Calcium	43-1	1610528	1598780	1642911	1617406	1.41	cps
Calcium	44-1	25472871	25673981	25981896	25709583	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15121	14714	14584	14806	1.89	cps
Cobalt	59-2	263820	262529	262020	262790	0.35	cps
Copper	63-2	32883	32512	32138	32511	1.15	cps
Dysprosium	156-1	81944	82678	84589	83070	1.64	cps
Dysprosium	156-2	68861	69380	69256	69166	0.39	cps
Erbium	164-1	112334	111806	113013	112384	0.54	cps
Erbium	164-2	82310	83373	83112	82932	0.67	cps
Gadolinium	160-1	90184	89359	90342	89962	0.59	cps
Gadolinium	160-2	69411	69139	68554	69034	0.63	cps
Holmium	165-1	16109245	16092451	16147600	16116432	0.18	cps
Holmium	165-2	11742083	11888582	11675439	11768702	0.93	cps
Indium	115-1	13032635	12961335	12911686	12968552	0.47	cps
Indium	115-2	4990498	5003359	4927610	4973823	0.81	cps
Iron	56-2	494706993	497722339	493063139	495164157	0.48	cps
Iron	57-2	12265605	12207627	12150860	12208031	0.47	cps
Iron	54-2	26890028	26826117	26805853	26840666	0.16	cps
Krypton	83-1	410	433	383	409	6.12	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2760	2747	2894	2800	2.90	cps
Lead	207-1	2244	2347	2324	2305	2.35	cps
Lead	208-1	10882	10925	10922	10910	0.22	cps
Lithium	6-1	1945180	1967487	1946948	1953205	0.63	cps
Magnesium	24-2	8255291	8238647	8191736	8228558	0.40	cps
Manganese	55-2	7806738	7746857	7775567	7776388	0.39	cps
Molybdenum	94-1	4401	4254	4051	4235	4.15	cps
Molybdenum	95-1	637	647	510	598	12.75	cps
Molybdenum	96-1	6725	6588	6495	6603	1.75	cps
Molybdenum	97-1	423	357	407	396	8.77	cps
Molybdenum	98-1	750	650	620	673	10.11	cps
Neodymium	150-1	92008	92936	92246	92397	0.52	cps
Neodymium	150-2	57537	57724	57898	57720	0.31	cps
Nickel	60-2	16803	16723	16846	16791	0.37	cps
Phosphorus	31-2	2887	2830	3010	2909	3.16	cps
Potassium	39-2	279655	280341	279961	279986	0.12	cps
Rhodium	103-1	11941320	11837278	11959654	11912751	0.55	cps
Rhodium	103-2	7303562	7176607	7118129	7199433	1.32	cps
Scandium	45-1	7129118	7046491	7069278	7081629	0.60	cps
Scandium	45-2	637442	627789	627350	630860	0.90	cps
Selenium	82-1	169	220	227	205	15.36	cps
Selenium	77-2	150	150	163	154	4.99	cps
Selenium	78-2	637	657	560	618	8.26	cps
Silicon	28-1	77449106	77719772	76946141	77371673	0.51	cps
Silver	107-1	327	273	253	284	13.33	cps
Silver	109-1	223	197	257	226	13.33	cps
Sodium	23-2	3861925	3872939	3805564	3846809	0.94	cps
Strontium	86-1	469403	471414	470351	470389	0.21	cps
Strontium	88-1	4151510	4246423	4253922	4217285	1.35	cps
Sulfur	34-1	5340448	5372494	5423961	5378968	0.78	cps
Terbium	159-1	16598229	16385204	16659855	16547763	0.87	cps
Terbium	159-2	11549920	11561393	11514958	11542090	0.21	cps
Thallium	203-1	537	500	543	527	4.43	cps
Thallium	205-1	1353	1257	1247	1286	4.58	cps
Tin	118-1	2614	2620	2597	2610	0.46	cps
Titanium	47-1	2747	2664	2897	2769	4.27	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : P5306-10DLX10 Instrumnet Name : P7
Client Sample ID : OU4-VSL-11-121224DL Dilution Factor : 10
Date & Time Acquired : 2024-12-27 16:19:52 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49298	50833	50583	50238	1.64	cps
Vanadium	51-2	511360	510974	509851	510728	0.15	cps
Yttrium	89-1	21721356	21503740	21618163	21614419	0.50	cps
Yttrium	89-2	6104724	6060708	6041407	6068946	0.53	cps
Zinc	66-2	124332	124991	123001	124108	0.82	cps
Zirconium	90-1	9947	10391	10437	10258	2.64	cps
Zirconium	91-1	2290	2204	2394	2296	4.14	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13477244	13639258	13492823	13536442	0.66	cps
Antimony	121-1	5971587	5958107	6103416	6011037	1.34	cps
Arsenic	75-2	294414	292871	295084	294123	0.39	cps
Barium	135-1	7809731	7795415	7791435	7798860	0.12	cps
Barium	137-1	13318566	13314955	13295092	13309538	0.09	cps
Beryllium	9-1	701548	699275	700306	700376	0.16	cps
Bismuth	209-1	8906370	8833549	9022793	8920904	1.07	cps
Bismuth	209-2	7496066	7426991	7374316	7432458	0.82	cps
Bromine	81-1	12959	12812	12192	12654	3.22	cps
Bromine	81-2	87	93	117	99	15.93	cps
Cadmium	108-1	107931	108286	107286	107834	0.47	cps
Cadmium	106-1	156071	155276	155071	155473	0.34	cps
Cadmium	111-1	1464333	1464676	1460022	1463011	0.18	cps
Calcium	43-1	7755794	7582216	7513852	7617287	1.64	cps
Calcium	44-1	124457961	121182492	120936125	122192193	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2287988	2290773	2295919	2291560	0.18	cps
Cobalt	59-2	3520498	3547222	3557261	3541660	0.54	cps
Copper	63-2	24313415	24290920	24519575	24374637	0.52	cps
Dysprosium	156-1	387	320	347	351	9.56	cps
Dysprosium	156-2	497	560	593	550	8.93	cps
Erbium	164-1	300	337	387	341	12.75	cps
Erbium	164-2	203	243	257	234	11.84	cps
Gadolinium	160-1	343	297	357	332	9.48	cps
Gadolinium	160-2	797	693	780	757	7.33	cps
Holmium	165-1	15698037	15489793	15292720	15493516	1.31	cps
Holmium	165-2	11347194	11002935	11045636	11131922	1.69	cps
Indium	115-1	11910389	11665525	11642643	11739519	1.26	cps
Indium	115-2	4439901	4387199	4415313	4414138	0.60	cps
Iron	56-2	537223752	539811592	536777365	537937570	0.30	cps
Iron	57-2	13444590	13594097	13478755	13505814	0.58	cps
Iron	54-2	29173711	29334285	29148840	29218945	0.34	cps
Krypton	83-1	177	193	180	183	4.81	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23015270	23469292	23340616	23275059	1.01	cps
Lead	207-1	20430601	20575376	20692825	20566267	0.64	cps
Lead	208-1	92919083	93789352	94113816	93607417	0.66	cps
Lithium	6-1	1858311	1853715	1845572	1852533	0.35	cps
Magnesium	24-2	104081072	104483058	104562135	104375422	0.25	cps
Manganese	55-2	18739691	18972418	18715253	18809120	0.75	cps
Molybdenum	94-1	20689576	20364924	20413994	20489498	0.85	cps
Molybdenum	95-1	30101695	29444797	29762453	29769648	1.10	cps
Molybdenum	96-1	33253272	32474868	32377100	32701746	1.47	cps
Molybdenum	97-1	18781843	18591251	18311048	18561381	1.28	cps
Molybdenum	98-1	48090596	48244258	47516954	47950603	0.80	cps
Neodymium	150-1	490	503	470	488	3.44	cps
Neodymium	150-2	173	147	173	164	9.36	cps
Nickel	60-2	834252	838412	832425	835030	0.37	cps
Phosphorus	31-2	120973	120990	121961	121308	0.47	cps
Potassium	39-2	68077352	68617587	67822334	68172425	0.60	cps
Rhodium	103-1	10540264	10446854	10290002	10425707	1.21	cps
Rhodium	103-2	6275039	6214421	6184507	6224656	0.74	cps
Scandium	45-1	6613123	6456138	6330222	6466494	2.19	cps
Scandium	45-2	562669	569743	563278	565230	0.69	cps
Selenium	82-1	86827	86907	85555	86429	0.88	cps
Selenium	77-2	9070	9403	8973	9148	2.47	cps
Selenium	78-2	31560	30989	31190	31246	0.93	cps
Silicon	28-1	7771276	7641262	7629437	7680658	1.02	cps
Silver	107-1	7212577	7272108	7141604	7208763	0.91	cps
Silver	109-1	6972596	6892208	6988083	6950962	0.74	cps
Sodium	23-2	168418927	170778121	169410214	169535754	0.70	cps
Strontium	86-1	1886600	1913633	1896561	1898931	0.72	cps
Strontium	88-1	16591548	16411788	16364448	16455928	0.73	cps
Sulfur	34-1	558202	543266	543427	548298	1.56	cps
Terbium	159-1	15905752	15610916	15915592	15810753	1.10	cps
Terbium	159-2	11006870	10987024	10798521	10930805	1.05	cps
Thallium	203-1	5863528	5935242	5924456	5907742	0.65	cps
Thallium	205-1	13786274	13945909	14081319	13937834	1.06	cps
Tin	118-1	4998200	4920778	4960731	4959903	0.78	cps
Titanium	47-1	7133871	7043012	7053383	7076755	0.70	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:23:02 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18545533	18707538	18597589	18616887	0.44	cps
Vanadium	51-2	2029155	2047632	2064525	2047104	0.86	cps
Yttrium	89-1	18694530	18235433	18134866	18354943	1.63	cps
Yttrium	89-2	5115568	5070737	5034286	5073530	0.80	cps
Zinc	66-2	4196073	4214137	4232287	4214166	0.43	cps
Zirconium	90-1	10258955	10035247	10041418	10111873	1.26	cps
Zirconium	91-1	2276184	2235396	2258200	2256593	0.91	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	323	944	553	61.39	cps
Antimony	121-1	3390	2994	2384	2923	17.35	cps
Arsenic	75-2	23	20	10	18	39.03	cps
Barium	135-1	1317	793	417	842	53.67	cps
Barium	137-1	2324	1347	840	1503	50.16	cps
Beryllium	9-1	330	237	233	267	20.58	cps
Bismuth	209-1	10083976	9891194	10007887	9994352	0.97	cps
Bismuth	209-2	8253498	8352105	8429401	8345001	1.06	cps
Bromine	81-1	13346	13696	13716	13586	1.53	cps
Bromine	81-2	187	153	147	162	13.21	cps
Cadmium	108-1	23	10	17	17	39.99	cps
Cadmium	106-1	4617	4337	4431	4462	3.20	cps
Cadmium	111-1	1219	1080	1013	1104	9.52	cps
Calcium	43-1	1537	1067	723	1109	36.82	cps
Calcium	44-1	27983	19923	13530	20479	35.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1983	2077	1990	2017	2.58	cps
Cobalt	59-2	210	187	217	204	7.70	cps
Copper	63-2	1843	1787	1630	1753	6.30	cps
Dysprosium	156-1	17	17	10	14	26.66	cps
Dysprosium	156-2	10	13	40	21	77.90	cps
Erbium	164-1	87	83	70	80	11.02	cps
Erbium	164-2	30	43	90	54	57.87	cps
Gadolinium	160-1	60	40	50	50	20.00	cps
Gadolinium	160-2	627	647	740	671	9.01	cps
Holmium	165-1	16232926	15876771	15920807	16010168	1.21	cps
Holmium	165-2	11606069	11492606	11607174	11568616	0.57	cps
Indium	115-1	13047142	12805113	12945386	12932547	0.94	cps
Indium	115-2	4875734	4881354	4869099	4875395	0.13	cps
Iron	56-2	41223	37564	55942	44910	21.66	cps
Iron	57-2	1507	1363	1967	1612	19.56	cps
Iron	54-2	3670	3424	4178	3757	10.24	cps
Krypton	83-1	227	227	233	229	1.68	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4561	3197	1953	3237	40.29	cps
Lead	207-1	3871	2857	1550	2759	42.16	cps
Lead	208-1	17661	12496	7451	12536	40.73	cps
Lithium	6-1	2042346	1992247	2052931	2029174	1.60	cps
Magnesium	24-2	3247	2957	8945	5050	66.87	cps
Manganese	55-2	950	930	1260	1047	17.68	cps
Molybdenum	94-1	4477	3180	1923	3194	39.98	cps
Molybdenum	95-1	6105	3807	2547	4153	43.44	cps
Molybdenum	96-1	6311	4134	2517	4321	44.07	cps
Molybdenum	97-1	3550	2457	1483	2497	41.42	cps
Molybdenum	98-1	9560	6375	3711	6548	44.72	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	660	657	573	630	7.79	cps
Phosphorus	31-2	143	127	160	143	11.63	cps
Potassium	39-2	57508	56655	57790	57318	1.03	cps
Rhodium	103-1	11752273	11629036	11670285	11683865	0.54	cps
Rhodium	103-2	7122358	7009526	7123831	7085238	0.93	cps
Scandium	45-1	6823753	6669445	6716672	6736623	1.17	cps
Scandium	45-2	595031	593234	596406	594890	0.27	cps
Selenium	82-1	150	60	72	94	52.22	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	353	380	387	373	4.73	cps
Silicon	28-1	568199	554290	553318	558602	1.49	cps
Silver	107-1	1760	1277	1007	1348	28.32	cps
Silver	109-1	1827	1167	900	1298	36.76	cps
Sodium	23-2	43628	41870	47878	44459	6.95	cps
Strontium	86-1	683	660	443	596	22.22	cps
Strontium	88-1	3027	1747	1067	1947	51.13	cps
Sulfur	34-1	161510	163982	166537	164010	1.53	cps
Terbium	159-1	16420355	16507480	16370446	16432760	0.42	cps
Terbium	159-2	11329216	11292844	11424452	11348837	0.60	cps
Thallium	203-1	1543	1307	1050	1300	18.98	cps
Thallium	205-1	3624	2824	2444	2964	20.33	cps
Tin	118-1	2417	1990	1737	2048	16.78	cps
Titanium	47-1	1440	893	553	962	46.49	cps

LB Number : LB134133 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-27 16:25:49 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3044	1954	1010	2002	50.82	cps
Vanadium	51-2	80	40	93	71	39.03	cps
Yttrium	89-1	19481428	18868130	19130674	19160077	1.61	cps
Yttrium	89-2	5292232	5272605	5384811	5316549	1.13	cps
Zinc	66-2	253	287	350	297	16.55	cps
Zirconium	90-1	3004	2510	1817	2444	24.40	cps
Zirconium	91-1	630	450	400	493	24.52	cps