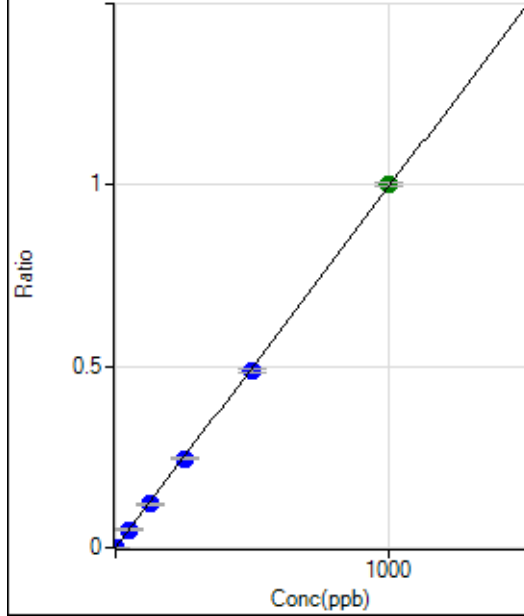


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7120324 MS.b\
Analysis File: P7120324 MS.batch.bin
DA Date-Time: 2024-12-03 23:51:03
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-03 13:12:15
2	005CALS.d	S02	2024-12-03 13:15:31
3	006CALS.d	S03	2024-12-03 13:18:47
4	007CALS.d	S04	2024-12-03 13:21:42
5	008CALS.d	S05	2024-12-03 13:24:30
6	009CALS.d	S06	2024-12-03 13:27:14
7	010CALS.d	S07	2024-12-03 13:29:59
8	011CALS.d	S08	2024-12-03 13:32:43

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	178.89	0.0001	P	16.1
2	☐	1.000	1.045	2092.39	0.0011	P	2.0
3	☐	50.000	50.267	92843.84	0.0500	P	1.7
4	☐	125.000	121.495	221454.79	0.1208	P	3.5
5	☐	250.000	247.679	444451.27	0.2462	P	1.5
6	☐	500.000	488.618	871052.78	0.4856	P	2.1
7	☐	1000.000	1006.696	1785180.65	1.0003	A	1.2
8	☐			502.24	0.0003	P	7.6

$$y = 9.9358\text{E-}004 * x + 9.7081\text{E-}005$$

$$R = 0.9999$$

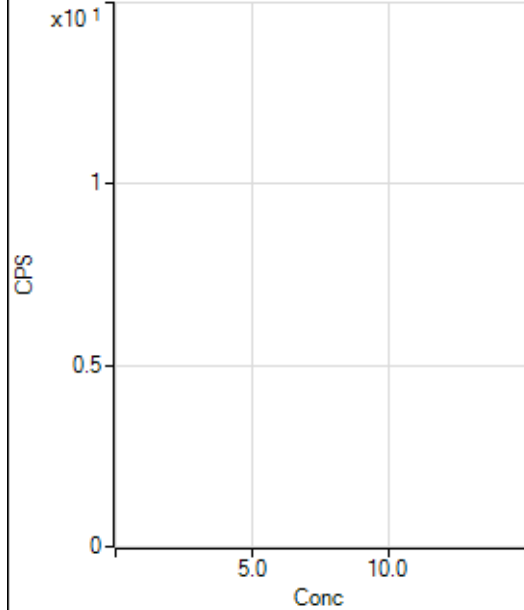
$$DL = 0.04706$$

$$BEC = 0.09771$$

Weight: <None>

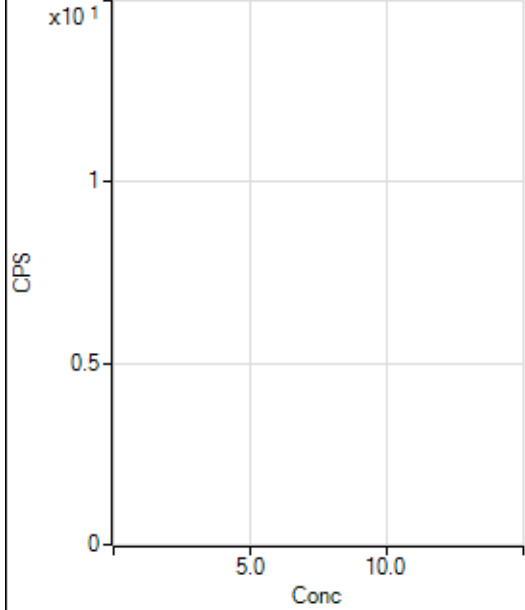
Min Conc: 0

12 C [No Gas] No available calibration points



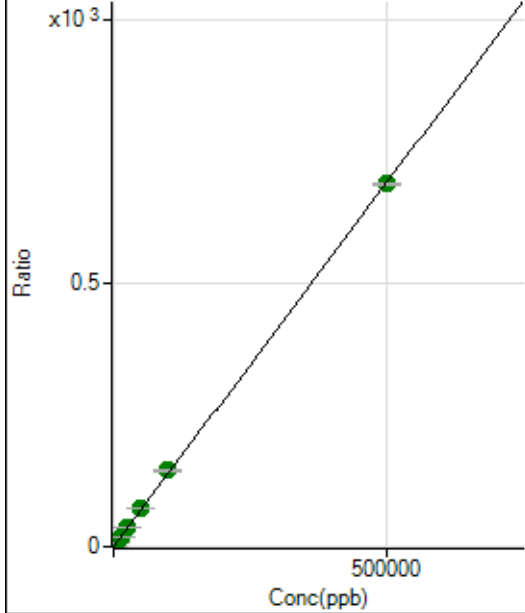
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23018.37	0.0286	P	1.1
2	☐	500.000	487.613	565660.02	0.7012	P	0.5
3	☐	5000.000	5293.689	5771862.35	7.3302	A	1.1
4	☐	12500.000	12926.411	13486095.35	17.8579	A	1.4
5	☐	25000.000	26194.691	26415927.38	36.1587	A	0.7
6	☐	50000.000	52831.301	52933775.88	72.8984	A	0.9
7	☐	100000.00	104786.54	105990786.20	144.5598	A	1.1
8	☐	500000.00	498686.24	520590063.36	687.8622	A	0.8

$$y = 0.0014 * x + 0.0286$$

$$R = 0.9999$$

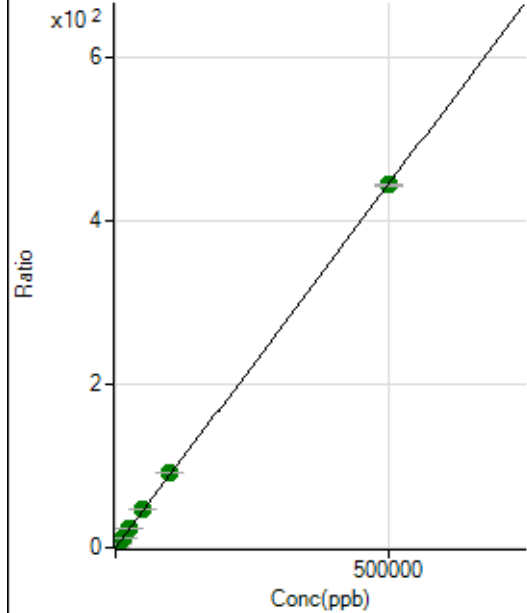
$$DL = 0.712$$

$$BEC = 20.76$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3454.87	0.0043	P	1.7
2	☐	500.000	499.811	362141.38	0.4489	P	1.3
3	☐	5000.000	5267.411	3693167.48	4.6901	A	0.7
4	☐	12500.000	12908.524	8675628.21	11.4876	A	0.7
5	☐	25000.000	26042.345	16928195.03	23.1713	A	0.3
6	☐	50000.000	52157.423	33695133.39	46.4030	A	0.4
7	☐	100000.00	102613.80	66933603.45	91.2884	A	0.6
8	☐	500000.00	499196.49	336099190.55	444.0841	A	0.2

$$y = 8.8959E-004 * x + 0.0043$$

$$R = 1.0000$$

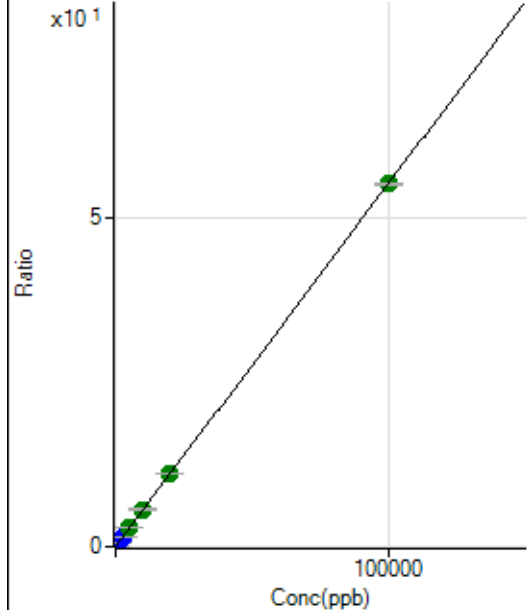
$$DL = 0.2397$$

$$BEC = 4.832$$

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	205.56	0.0003	P	15.7
2	☐	20.000	19.170	8758.13	0.0109	P	3.2
3	☐	1000.000	1034.081	450499.94	0.5721	P	1.1
4	☐	2500.000	2520.839	1052990.64	1.3943	P	1.8
5	☐	5000.000	5124.014	2070294.59	2.8339	A	1.6
6	☐	10000.000	10318.133	4143662.27	5.7064	A	0.5
7	☐	20000.000	20355.017	8253869.67	11.2570	A	0.2
8	☐	100000.00	99890.121	41808476.60	55.2417	A	0.8

$$y = 5.5302E-004 * x + 2.5574E-004$$

$$R = 1.0000$$

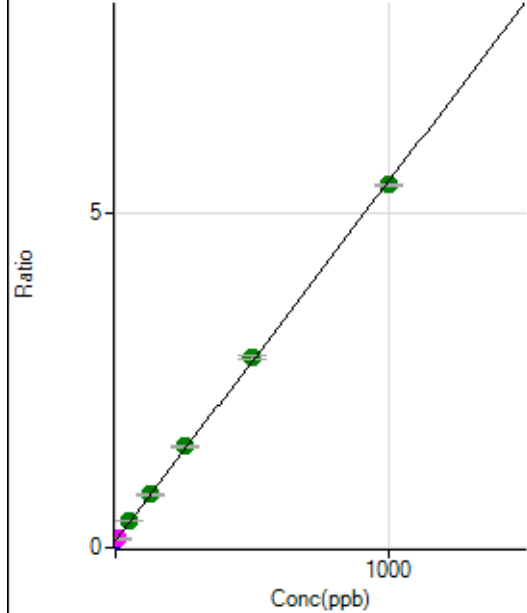
$$DL = 0.2179$$

$$BEC = 0.4624$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	865919.26	0.1021	P	0.8
2	☐	10.000	5.259	1103785.29	0.1304	M	15.1
3	☐	50.000	57.964	3472110.47	0.4139	A	1.0
4	☐	125.000	130.314	6500309.83	0.8032	A	3.4
5	☐	250.000	262.052	11469674.97	1.5120	A	0.9
6	☐	500.000	510.153	21156119.27	2.8470	A	1.4
7	☐	1000.000	990.896	40048530.52	5.4336	A	0.7
8	☐			838636.56	0.1111	P	1.4

$$y = 0.0054 * x + 0.1021$$

$$R = 0.9998$$

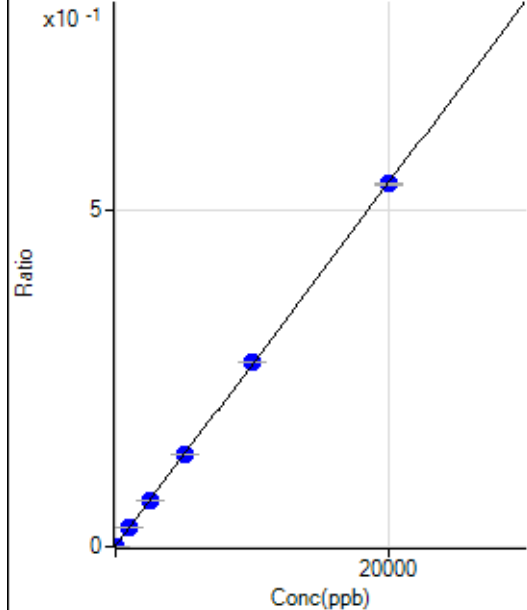
$$DL = 0.4342$$

$$BEC = 18.97$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.564	400.01	0.0005	P	7.8
2	☐	0.000	16.564	1121.16	0.0014	P	1.7
3	☐	1000.000	1036.924	22726.96	0.0289	P	2.5
4	☐	2500.000	2497.893	51511.93	0.0682	P	0.8
5	☐	5000.000	5023.417	99511.70	0.1362	P	0.4
6	☐	10000.000	10088.877	197957.09	0.2726	P	0.2
7	☐	20000.000	19948.125	394543.37	0.5381	P	0.3
8	☐			561.13	0.0007	P	2.7

$$y = 2.6928E-005 * x + 9.4366E-004$$

$$R = 1.0000$$

$$DL = 3.481$$

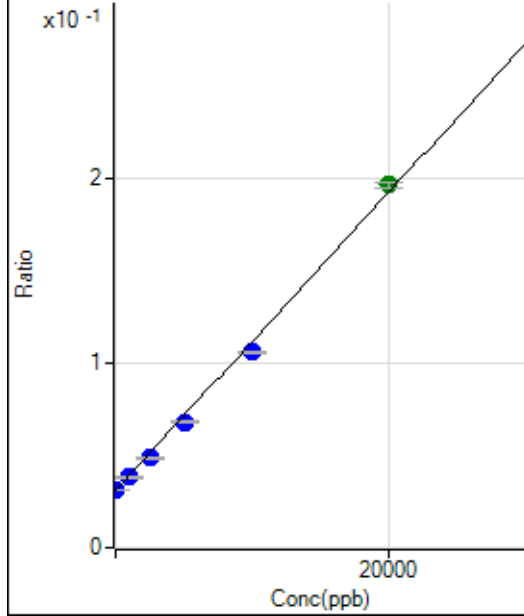
$$BEC = 35.04$$

Weight: <None>

Min Conc: 0

Calibration for 005CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.968	262498.54	0.0309	P	1.1
2	☐	0.000	13.968	263683.33	0.0312	P	1.0
3	☐	1000.000	878.439	319815.61	0.0381	P	1.1
4	☐	2500.000	2173.662	393099.33	0.0486	P	1.9
5	☐	5000.000	4600.676	516707.78	0.0681	P	0.2
6	☐	10000.000	9285.082	786616.90	0.1059	P	1.3
7	☐	20000.000	20504.160	1446346.12	0.1962	A	1.3
8	☐			209333.71	0.0277	P	3.7

$$y = 8.0562E-006 * x + 0.0311$$

R = 0.9988

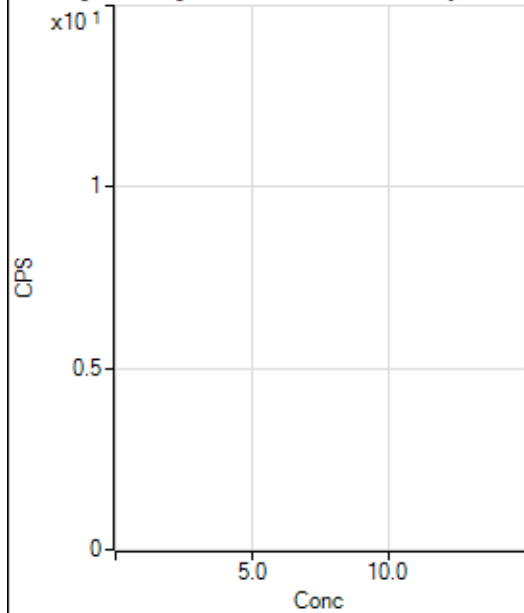
DL = 120.3

BEC = 3854

Weight: <None>

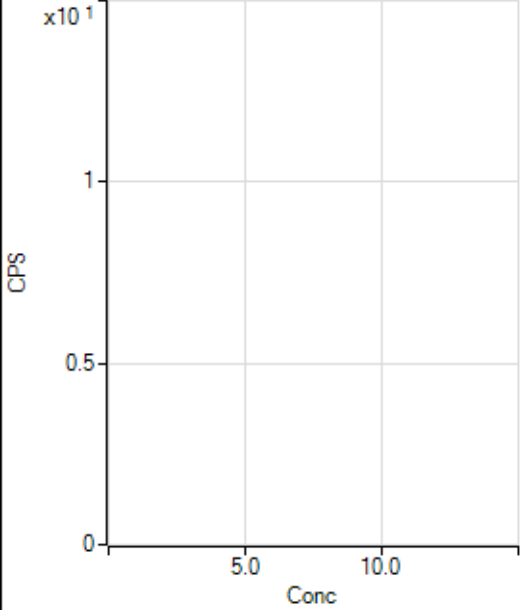
Min Conc: 0

35 Cl [No Gas] No available calibration points



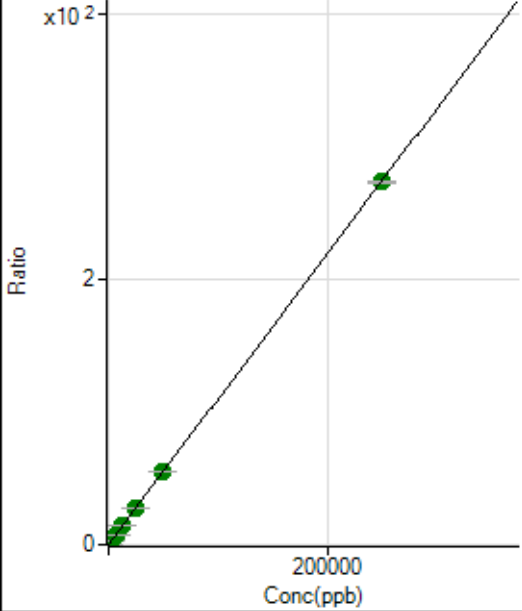
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76104.32	0.0947	P	1.4
2	☐	500.000	532.606	546620.50	0.6776	P	0.3
3	☐	2500.000	2660.133	2367099.34	3.0060	A	0.8
4	☐	6250.000	6343.206	5314466.10	7.0368	A	0.7
5	☐	12500.000	12824.132	10323085.75	14.1297	A	1.1
6	☐	25000.000	25440.914	20286530.53	27.9378	A	0.9
7	☐	50000.000	50635.104	40701289.95	55.5110	A	0.5
8	☐	250000.00	249808.68	206985414.69	273.4914	A	0.5

$y = 0.0011 * x + 0.0947$

$R = 1.0000$

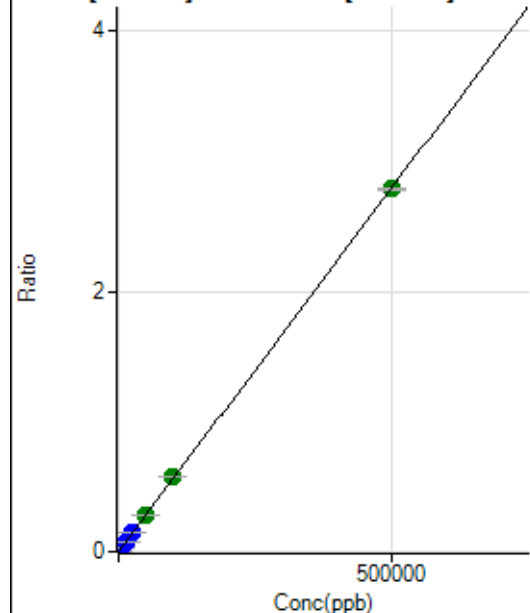
$DL = 3.542$

$BEC = 86.52$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	958.93	0.0001	P	2.1
2	☐	500.000	524.722	25734.08	0.0030	P	2.1
3	☐	5000.000	5488.276	257871.97	0.0307	P	1.5
4	☐	12500.000	13131.773	594098.92	0.0734	P	2.9
5	☐	25000.000	26553.845	1125077.62	0.1483	P	0.3
6	☐	50000.000	50397.976	2091137.42	0.2814	A	1.3
7	☐	100000.00	103777.16	4269887.75	0.5793	A	0.4
8	☐	500000.00	499106.37	21034698.02	2.7857	A	0.7

$$y = 5.5812E-006 * x + 1.1301E-004$$

R = 1.0000

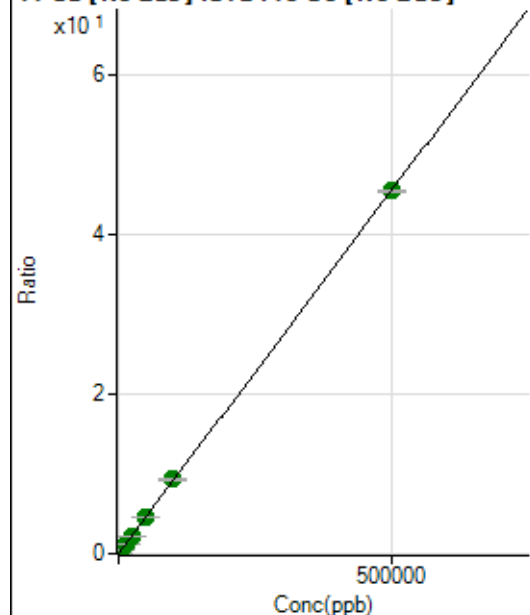
DL = 1.3

BEC = 20.25

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25900.29	0.0031	P	3.1
2	☐	500.000	523.455	429218.06	0.0507	P	1.3
3	☐	5000.000	5144.302	3955849.25	0.4716	A	1.0
4	☐	12500.000	12427.739	9185818.06	1.1350	A	3.1
5	☐	25000.000	25002.924	17299195.58	2.2804	A	0.9
6	☐	50000.000	50087.622	33923818.11	4.5652	A	1.8
7	☐	100000.00	102428.30	68783151.75	9.3325	A	1.3
8	☐	500000.00	499505.77	343562119.32	45.4993	A	0.5

$$y = 9.1083E-005 * x + 0.0031$$

R = 1.0000

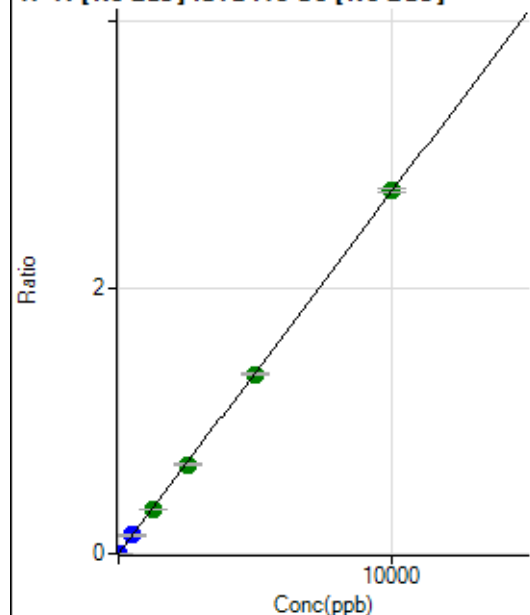
DL = 3.075

BEC = 33.51

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.23	0.0000	P	18.3
2	☐	5.000	5.064	11780.24	0.0014	P	1.6
3	☐	500.000	505.793	1153271.24	0.1375	P	1.6
4	☐	1250.000	1224.828	2694583.57	0.3329	A	3.2
5	☐	2500.000	2466.868	5086500.79	0.6706	A	0.8
6	☐	5000.000	4960.063	10019326.10	1.3483	A	1.1
7	☐	10000.000	10031.109	20095824.70	2.7267	A	1.2
8	☐			3570.46	0.0005	P	2.8

$$y = 2.7182E-004 * x + 1.5572E-005$$

$$R = 1.0000$$

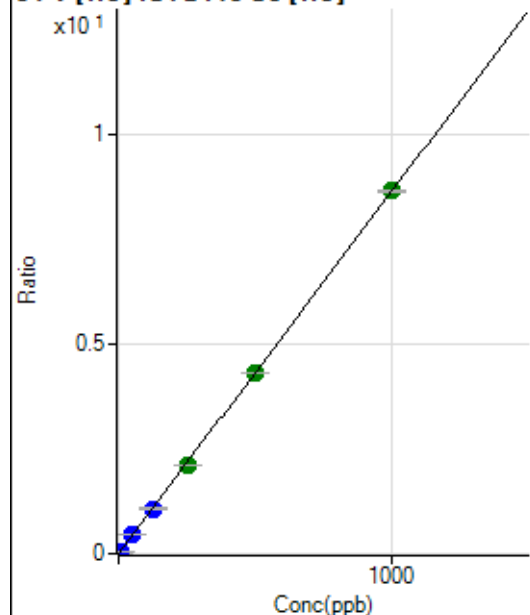
$$DL = 0.03148$$

$$BEC = 0.05729$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	26.8
2	☐	5.000	5.107	35651.09	0.0442	P	0.7
3	☐	50.000	51.289	349187.46	0.4435	P	0.8
4	☐	125.000	124.692	814178.37	1.0781	P	0.3
5	☐	250.000	245.792	1552481.76	2.1250	A	0.4
6	☐	500.000	498.028	3126619.50	4.3058	A	0.1
7	☐	1000.000	1002.012	6351793.38	8.6630	A	0.5
8	☐			2200.19	0.0029	P	1.1

$$y = 0.0086 * x + 3.8697E-005$$

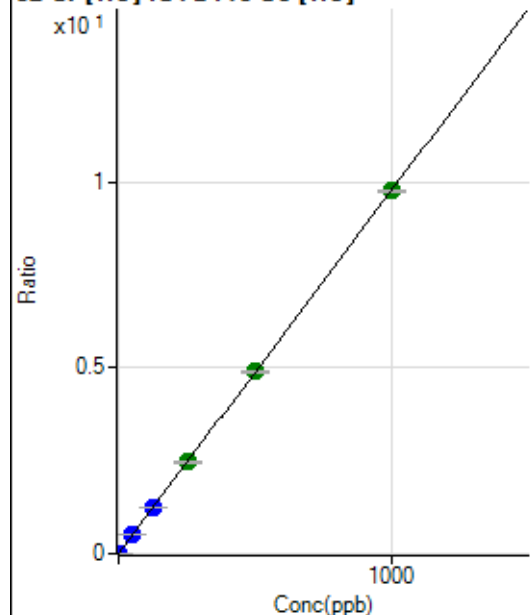
$$R = 1.0000$$

$$DL = 0.003598$$

$$BEC = 0.004476$$

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	2732.49	0.0034	P	2.1
2	☐	2.000	2.120	19463.75	0.0241	P	1.7
3	☐	50.000	52.086	403660.31	0.5126	P	0.6
4	☐	125.000	127.891	946867.02	1.2538	P	0.3
5	☐	250.000	252.174	1803725.11	2.4688	A	0.8
6	☐	500.000	500.459	3555375.71	4.8963	A	0.5
7	☐	1000.000	998.761	7161981.63	9.7681	A	0.9
8	☐			13220.78	0.0175	P	6.8

$$y = 0.0098 * x + 0.0034$$

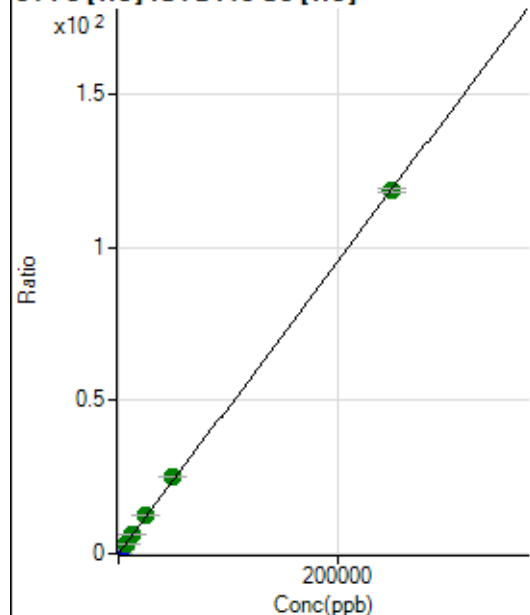
$$R = 1.0000$$

$$DL = 0.02173$$

$$BEC = 0.3477$$

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	3673.82	0.0046	P	1.5
2	☐	50.000	56.638	25440.47	0.0315	P	2.4
3	☐	2500.000	2894.288	1088532.72	1.3824	P	0.5
4	☐	6250.000	6847.560	2465256.46	3.2643	A	1.1
5	☐	12500.000	13356.318	4648428.44	6.3628	A	1.7
6	☐	25000.000	26579.721	9191248.27	12.6577	A	0.6
7	☐	50000.000	52792.514	18429631.11	25.1361	A	1.2
8	☐	250000.00	249221.82	89791664.22	118.6449	A	1.0

$$y = 4.7604E-004 * x + 0.0046$$

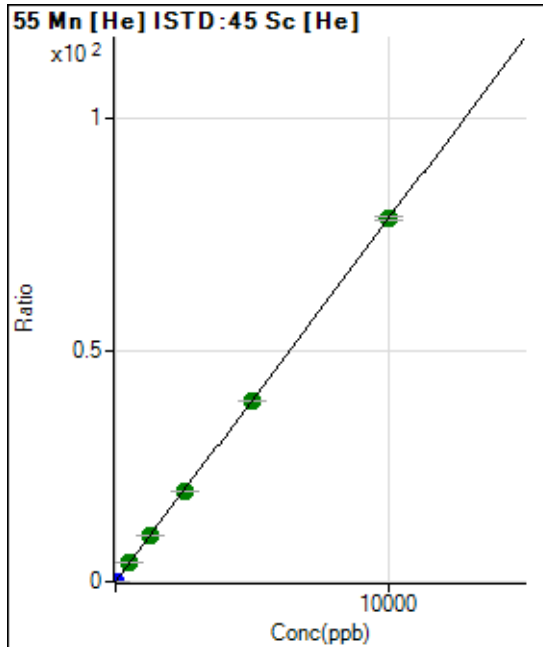
$$R = 0.9999$$

$$DL = 0.4297$$

$$BEC = 9.602$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1091.16	0.0014	P	5.7
2	☐	1.000	1.039	7672.02	0.0095	P	1.2
3	☐	500.000	519.840	3213138.67	4.0805	A	0.4
4	☐	1250.000	1273.220	7546167.25	9.9922	A	0.7
5	☐	2500.000	2501.167	14339522.98	19.6277	A	1.1
6	☐	5000.000	4999.154	28485990.41	39.2291	A	0.2
7	☐	10000.000	9996.236	57512733.59	78.4407	A	0.9
8	☐			34546.25	0.0456	P	1.1

$$y = 0.0078 * x + 0.0014$$

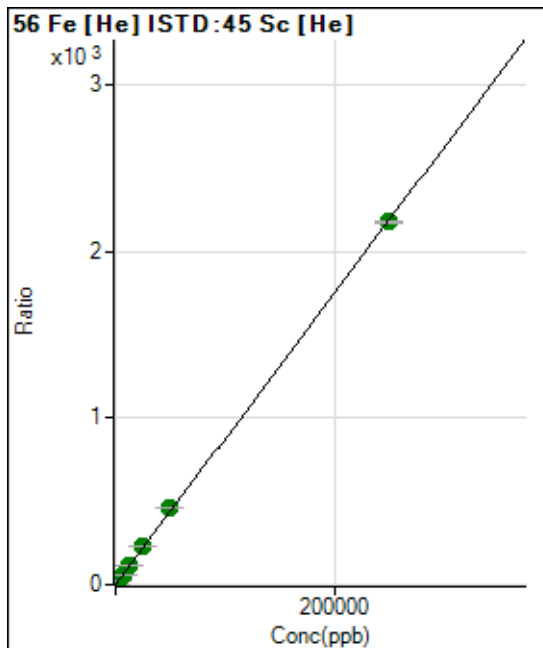
$$R = 1.0000$$

$$DL = 0.02972$$

$$BEC = 0.173$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30003.26	0.0373	P	1.3
2	☐	50.000	55.903	423983.66	0.5256	P	0.5
3	☐	2500.000	2725.333	18772761.66	23.8400	A	0.3
4	☐	6250.000	6708.126	44275161.01	58.6252	A	0.5
5	☐	12500.000	13147.969	83920399.86	114.8699	A	1.0
6	☐	25000.000	26261.390	166579496.41	229.4007	A	0.3
7	☐	50000.000	52403.068	335605912.78	457.7185	A	0.5
8	☐	250000.00	249347.14	1648217682.1	2,177.801	A	0.7

$$y = 0.0087 * x + 0.0373$$

$$R = 0.9999$$

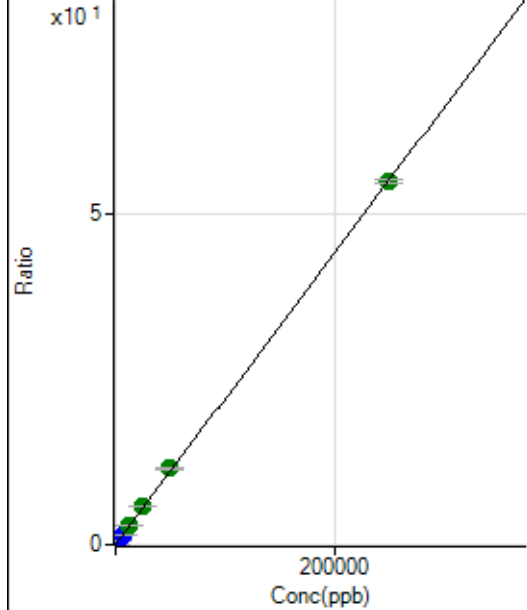
$$DL = 0.1614$$

$$BEC = 4.274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1773.45	0.0022	P	6.0
2	☐	50.000	58.491	12134.97	0.0150	P	0.5
3	☐	2500.000	2815.831	488323.11	0.6202	P	1.0
4	☐	6250.000	6964.319	1155903.22	1.5306	P	0.8
5	☐	12500.000	13160.588	2111563.29	2.8904	A	1.0
6	☐	25000.000	26383.865	4205988.34	5.7923	A	1.0
7	☐	50000.000	52204.505	8401539.32	11.4588	A	1.4
8	☐	250000.00	249366.66	41417986.88	54.7273	A	1.2

$$y = 2.1946E-004 * x + 0.0022$$

R = 1.0000

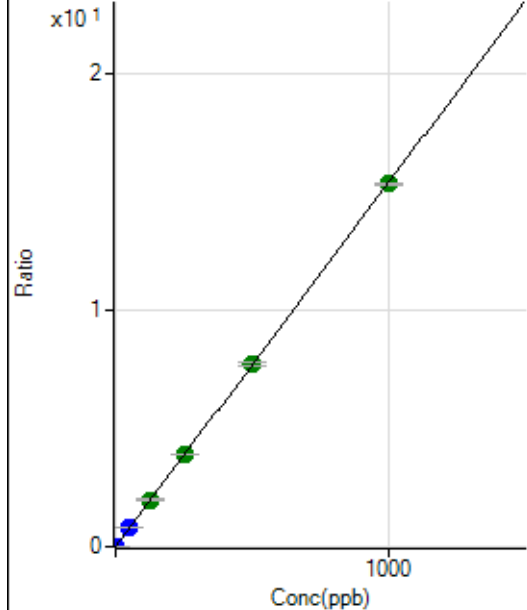
DL = 1.811

BEC = 10.05

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	574.46	0.0007	P	10.9
2	☐	1.000	1.087	14040.00	0.0174	P	1.3
3	☐	50.000	52.962	641024.62	0.8141	P	0.5
4	☐	125.000	128.579	1491743.86	1.9753	A	1.4
5	☐	250.000	254.548	2856394.09	3.9098	A	0.9
6	☐	500.000	502.702	5606224.50	7.7207	A	1.5
7	☐	1000.000	996.917	11225772.75	15.3104	A	0.5
8	☐			31006.50	0.0410	P	0.5

$$y = 0.0154 * x + 7.1458E-004$$

R = 1.0000

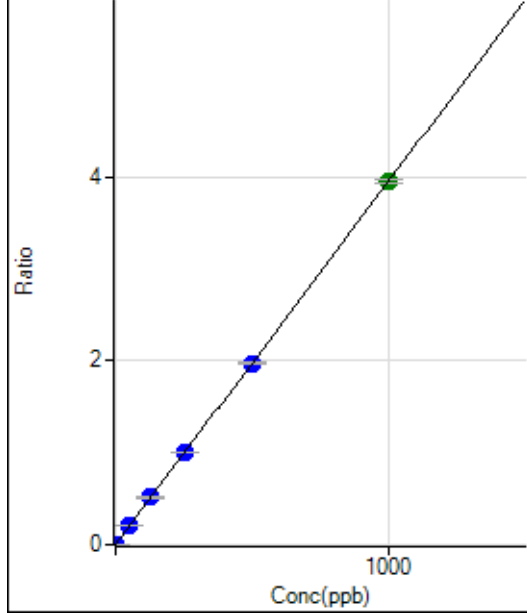
DL = 0.01515

BEC = 0.04653

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1106.72	0.0014	P	6.6
2	☐	1.000	1.061	4488.50	0.0056	P	1.6
3	☐	50.000	53.487	167260.01	0.2124	P	0.8
4	☐	125.000	129.864	388003.94	0.5138	P	0.9
5	☐	250.000	254.222	733814.89	1.0044	P	0.5
6	☐	500.000	498.963	1430565.64	1.9701	P	0.6
7	☐	1000.000	998.681	2890183.85	3.9418	A	1.0
8	☐			9266.27	0.0122	P	1.0

$$y = 0.0039 * x + 0.0014$$

$$R = 1.0000$$

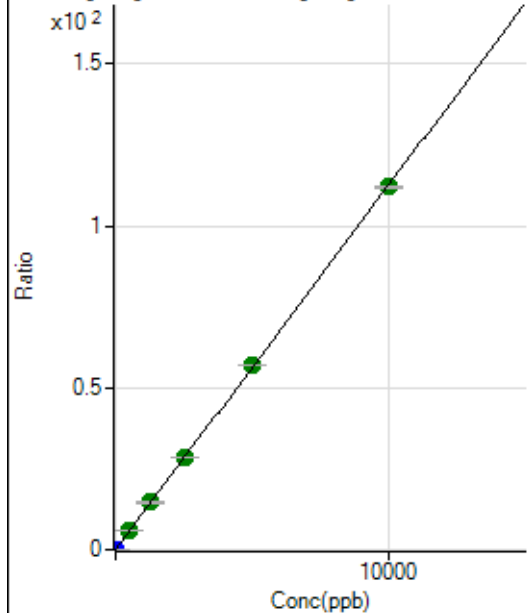
$$DL = 0.06938$$

$$BEC = 0.3489$$

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	1565.65	0.0019	P	1.7
2	☐	2.000	2.006	19784.29	0.0245	P	1.2
3	☐	500.000	528.474	4684918.61	5.9494	A	0.1
4	☐	1250.000	1298.652	11038202.61	14.6169	A	2.0
5	☐	2500.000	2543.583	20914177.74	28.6272	A	0.4
6	☐	5000.000	5052.034	41286219.11	56.8572	A	0.4
7	☐	10000.000	9955.582	82151527.66	112.0413	A	0.5
8	☐			19836.58	0.0262	P	2.0

$$y = 0.0113 * x + 0.0019$$

$$R = 1.0000$$

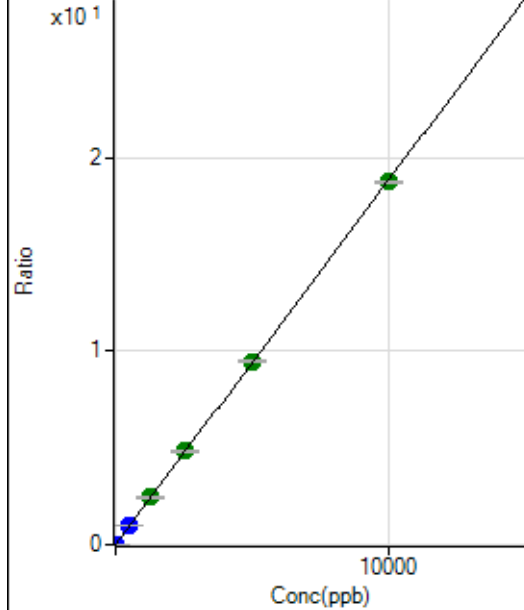
$$DL = 0.008824$$

$$BEC = 0.1731$$

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	1110.05	0.0014	P	0.4
2	☐	2.000	4.970	8661.46	0.0107	P	2.1
3	☐	500.000	538.721	799673.54	1.0156	P	0.6
4	☐	1250.000	1301.877	1851880.06	2.4522	A	1.6
5	☐	2500.000	2560.844	3522989.19	4.8223	A	0.6
6	☐	5000.000	5038.399	6888452.81	9.4864	A	0.6
7	☐	10000.000	9957.168	13744946.32	18.7463	A	0.7
8	☐			5117.60	0.0068	P	2.1

$$y = 0.0019 * x + 0.0014$$

$$R = 1.0000$$

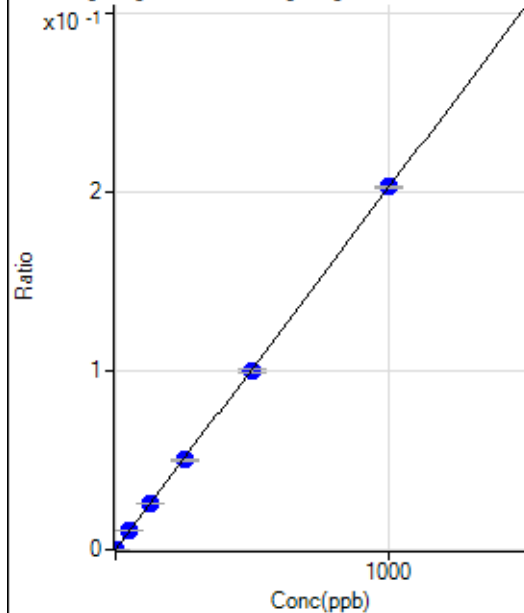
$$DL = 0.007831$$

$$BEC = 0.7336$$

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	45.56	0.0000	P	39.9
2	☐	1.000	1.081	1200.06	0.0002	P	8.0
3	☐	50.000	51.903	54190.54	0.0105	P	1.2
4	☐	125.000	125.823	127381.75	0.0255	P	0.7
5	☐	250.000	247.241	242319.58	0.0501	P	0.7
6	☐	500.000	495.537	482294.50	0.1003	P	1.8
7	☐	1000.000	1002.723	969545.46	0.2030	P	0.3
8	☐			612.24	0.0001	P	11.3

$$y = 2.0246E-004 * x + 8.6872E-006$$

$$R = 1.0000$$

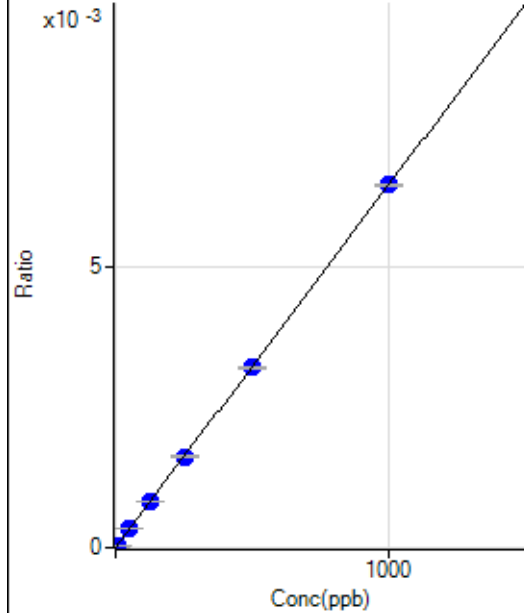
$$DL = 0.05142$$

$$BEC = 0.04291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.341	183.34	0.0000	P	23.9
3	☐	50.000	52.321	1744.56	0.0003	P	2.7
4	☐	125.000	126.630	4095.05	0.0008	P	2.3
5	☐	250.000	251.262	7866.60	0.0016	P	1.1
6	☐	500.000	497.286	15464.82	0.0032	P	1.4
7	☐	1000.000	1000.720	30911.15	0.0065	P	0.9
8	☐			7.78	0.0000	P	24.0

$$y = 6.4677\text{E-}006 * x + 2.1352\text{E-}007$$

$$R = 1.0000$$

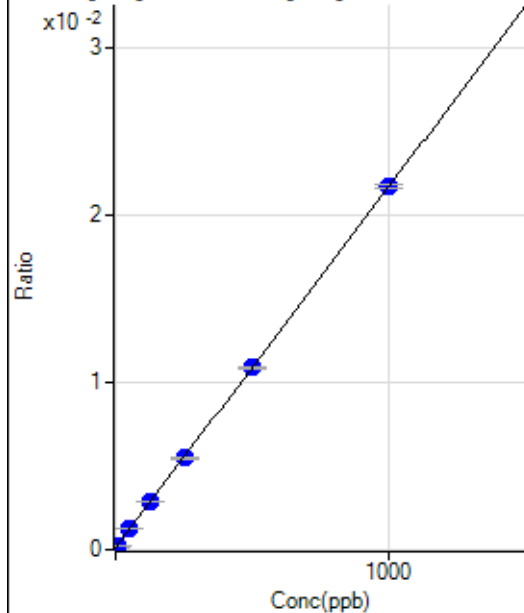
$$DL = 0.1715$$

$$BEC = 0.03301$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	603.35	0.0001	P	3.7
2	☐	5.000	4.941	1170.06	0.0002	P	2.3
3	☐	50.000	52.176	6396.99	0.0012	P	1.7
4	☐	125.000	127.411	14324.83	0.0029	P	2.1
5	☐	250.000	249.295	26606.16	0.0055	P	1.9
6	☐	500.000	499.849	52425.66	0.0109	P	1.3
7	☐	1000.000	999.842	103630.34	0.0217	P	0.9
8	☐			588.91	0.0001	P	5.1

$$y = 2.1588\text{E-}005 * x + 1.1515\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5922$$

$$BEC = 5.334$$

Weight: <None>

Min Conc: 0

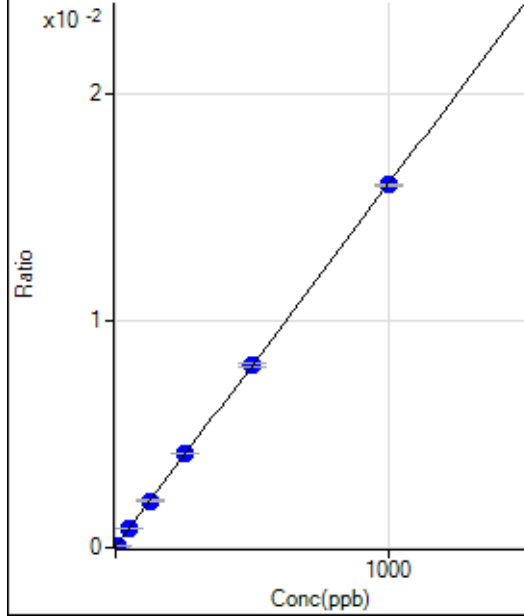
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16222.34		P	2.0
2	☐			15439.27		P	3.7
3	☐			14479.42		P	1.8
4	☐			13614.15		P	1.3
5	☐			12832.37		P	3.5
6	☐			12434.21		P	1.6
7	☐			12870.16		P	2.0
8	☐			14714.08		P	3.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			218.89		P	6.9
2	☐			104.45		P	28.8
3	☐			98.89		P	10.3
4	☐			91.11		P	9.2
5	☐			84.44		P	28.0
6	☐			82.22		P	9.4
7	☐			122.22		P	20.1
8	☐			153.34		P	3.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	710.82	0.0000	P	8.1
2	☐	5.000	5.277	2256.36	0.0001	P	2.2
3	☐	50.000	52.626	15915.41	0.0009	P	0.5
4	☐	125.000	126.965	36189.29	0.0021	P	3.1
5	☐	250.000	255.908	68171.08	0.0041	P	0.6
6	☐	500.000	501.201	131571.47	0.0080	P	2.3
7	☐	1000.000	997.544	261227.62	0.0160	P	0.4
8	☐			867.26	0.0001	P	8.8

$$y = 1.5974E-005 * x + 3.9077E-005$$

R = 1.0000

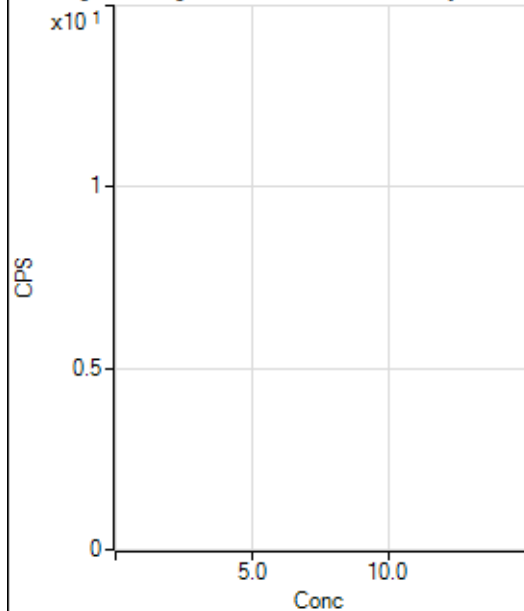
DL = 0.5916

BEC = 2.446

Weight: <None>

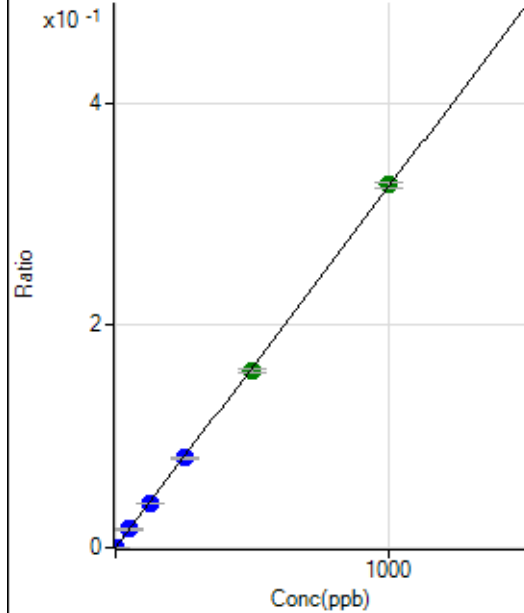
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			293.34		P	9.8
2	☐			275.56		P	6.0
3	☐			281.11		P	8.4
4	☐			272.23		P	6.7
5	☐			222.23		P	6.8
6	☐			260.01		P	6.8
7	☐			276.67		P	27.7
8	☐			334.45		P	12.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.57	0.0000	P	4.1
2	☐	1.000	1.018	6551.51	0.0004	P	2.4
3	☐	50.000	50.628	297746.88	0.0165	P	0.8
4	☐	125.000	122.899	698786.33	0.0399	P	2.4
5	☐	250.000	248.154	1330751.48	0.0806	P	0.4
6	☐	500.000	490.552	2603821.06	0.1592	A	2.9
7	☐	1000.000	1005.417	5336423.81	0.3263	A	1.4
8	☐			18790.95	0.0011	P	0.7

$$y = 3.2453E-004 * x + 2.7802E-005$$

$$R = 0.9999$$

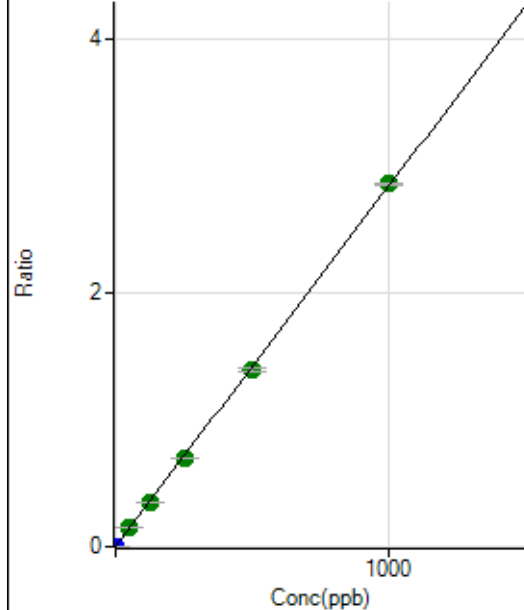
$$DL = 0.01046$$

$$BEC = 0.08567$$

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	864.48	0.0000	P	16.6
2	☐	1.000	0.995	52596.93	0.0029	P	2.0
3	☐	50.000	50.787	2613818.92	0.1445	A	0.3
4	☐	125.000	121.641	6057217.48	0.3460	A	2.4
5	☐	250.000	245.891	11551488.44	0.6993	A	0.4
6	☐	500.000	489.138	22749259.38	1.3911	A	2.5
7	☐	1000.000	1006.839	46825604.30	2.8633	A	0.8
8	☐			160982.04	0.0097	P	1.2

$$y = 0.0028 * x + 4.7506E-005$$

$$R = 0.9999$$

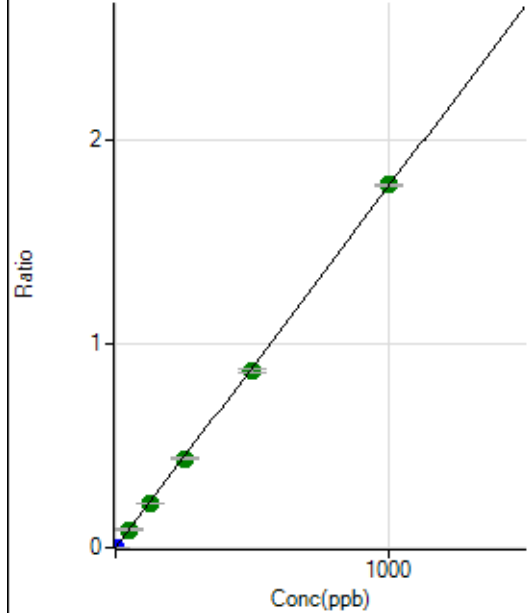
$$DL = 0.008341$$

$$BEC = 0.01671$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	934.48	0.0001	P	7.2
2	☐	1.000	0.966	32289.91	0.0018	P	2.2
3	☐	50.000	50.553	1624360.74	0.0898	A	0.9
4	☐	125.000	121.829	3786665.05	0.2163	A	3.1
5	☐	250.000	247.570	7259929.61	0.4395	A	0.4
6	☐	500.000	492.164	14288351.03	0.8737	A	2.2
7	☐	1000.000	1004.894	29172979.01	1.7838	A	0.3
8	☐			18715.38	0.0011	P	2.1

$$y = 0.0018 * x + 5.1382E-005$$

$$R = 0.9999$$

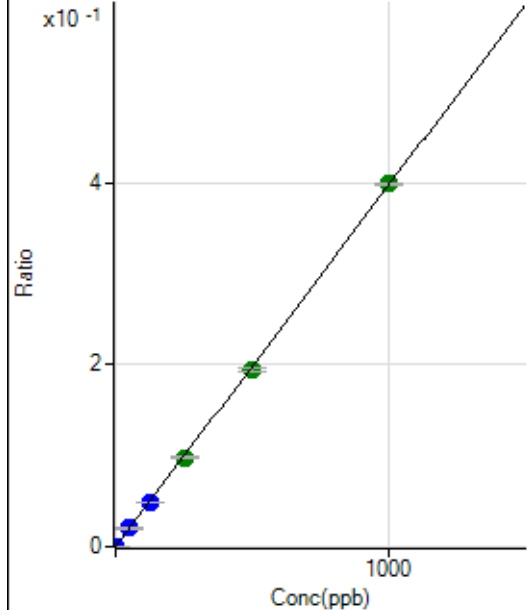
$$DL = 0.006269$$

$$BEC = 0.02895$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	18.6
2	☐	1.000	0.969	7208.49	0.0004	P	1.8
3	☐	50.000	50.702	364355.35	0.0201	P	1.2
4	☐	125.000	123.107	855850.61	0.0489	P	2.9
5	☐	250.000	247.606	1624067.37	0.0983	A	0.4
6	☐	500.000	491.927	3194336.24	0.1953	A	2.3
7	☐	1000.000	1004.837	6524563.38	0.3990	A	0.4
8	☐			3879.44	0.0002	P	3.0

$$y = 3.9704E-004 * x + 9.4697E-006$$

$$R = 0.9999$$

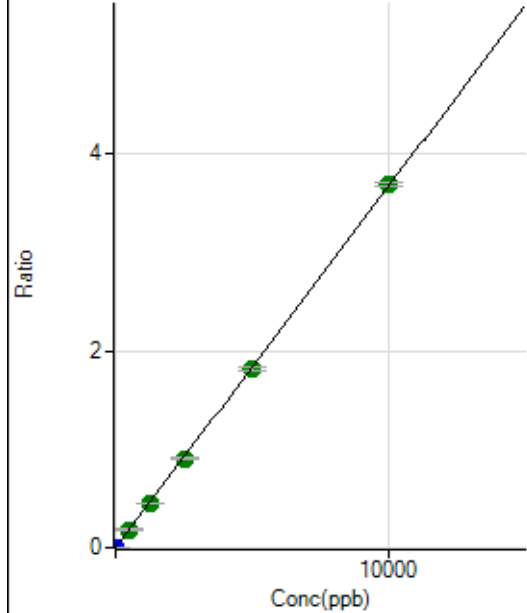
$$DL = 0.01333$$

$$BEC = 0.02385$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.57	0.0000	P	5.9
2	☐	5.000	5.746	39053.16	0.0021	P	1.8
3	☐	500.000	504.735	3353455.61	0.1854	A	0.5
4	☐	1250.000	1215.086	7811801.13	0.4462	A	2.4
5	☐	2500.000	2473.025	14999911.03	0.9081	A	1.0
6	☐	5000.000	4945.544	29697627.06	1.8160	A	2.6
7	☐	10000.000	10038.099	60275576.32	3.6859	A	1.1
8	☐			18491.76	0.0011	P	2.2

$$y = 3.6719E-004 * x + 2.6151E-005$$

$$R = 1.0000$$

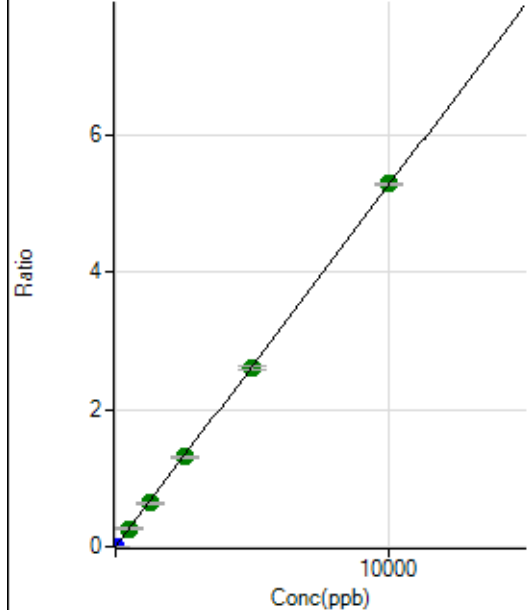
$$DL = 0.01254$$

$$BEC = 0.07122$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	273.34	0.0000	P	5.0
2	☐	5.000	4.854	47050.96	0.0026	P	2.7
3	☐	500.000	503.228	4798756.98	0.2653	A	1.2
4	☐	1250.000	1214.885	11210306.22	0.6403	A	2.9
5	☐	2500.000	2481.582	21606073.71	1.3080	A	1.0
6	☐	5000.000	4935.206	42539914.09	2.6012	A	2.5
7	☐	10000.000	10041.229	86548647.60	5.2925	A	0.9
8	☐			19827.98	0.0012	P	1.2

$$y = 5.2707E-004 * x + 1.5028E-005$$

$$R = 1.0000$$

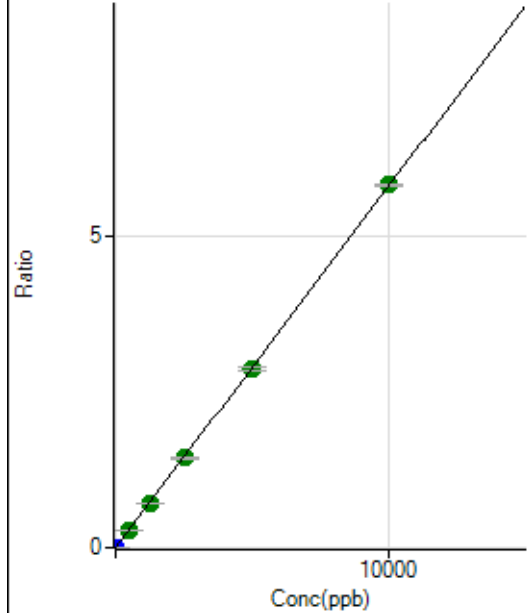
$$DL = 0.00431$$

$$BEC = 0.02851$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	450.01	0.0000	P	4.9
2	☐	5.000	4.955	52960.96	0.0029	P	2.6
3	☐	500.000	501.790	5263153.29	0.2909	A	0.6
4	☐	1250.000	1214.147	12323004.68	0.7039	A	2.6
5	☐	2500.000	2477.769	23727222.15	1.4364	A	0.6
6	☐	5000.000	4934.324	46781974.31	2.8605	A	2.1
7	☐	10000.000	10042.788	95209656.36	5.8220	A	0.6
8	☐			34646.53	0.0021	P	2.5

$$y = 5.7971\text{E-}004 * x + 2.4742\text{E-}005$$

$$R = 1.0000$$

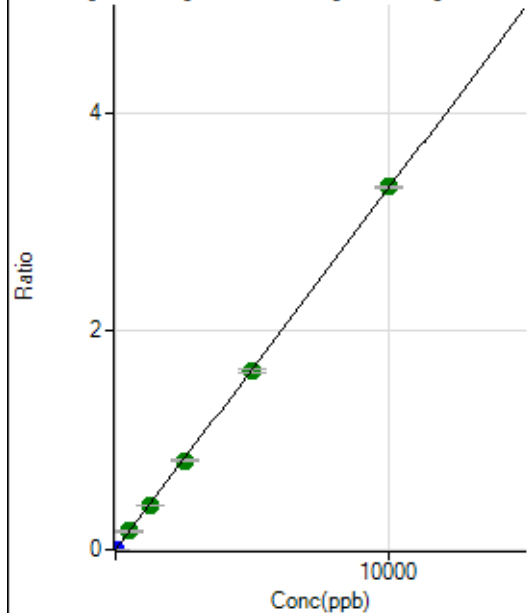
$$DL = 0.006302$$

$$BEC = 0.04268$$

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	213.34	0.0000	P	8.0
2	☐	5.000	4.849	29503.13	0.0016	P	2.3
3	☐	500.000	506.234	3026274.29	0.1673	A	1.6
4	☐	1250.000	1214.994	7028613.99	0.4015	A	2.5
5	☐	2500.000	2471.439	13489033.55	0.8166	A	0.8
6	☐	5000.000	4941.946	26704785.43	1.6329	A	2.3
7	☐	10000.000	10040.231	54251029.75	3.3174	A	0.8
8	☐			12382.00	0.0007	P	1.2

$$y = 3.3041\text{E-}004 * x + 1.1729\text{E-}005$$

$$R = 1.0000$$

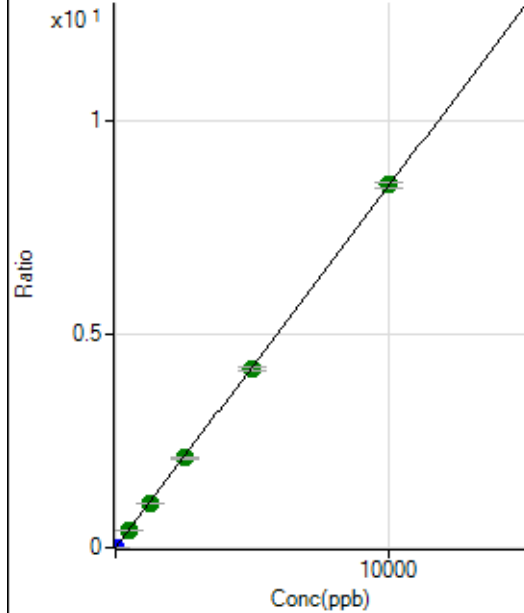
$$DL = 0.008532$$

$$BEC = 0.0355$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.35	0.0000	P	8.1
2	☐	5.000	4.919	76830.50	0.0042	P	1.7
3	☐	500.000	500.295	7682867.52	0.4247	A	1.2
4	☐	1250.000	1219.844	18126806.12	1.0354	A	2.9
5	☐	2500.000	2475.132	34703861.70	2.1009	A	1.1
6	☐	5000.000	4950.770	68722277.31	4.2023	A	2.5
7	☐	10000.000	10034.587	139283906.81	8.5174	A	1.5
8	☐			30554.25	0.0018	P	2.5

$$y = 8.4880E-004 * x + 2.6578E-005$$

$$R = 1.0000$$

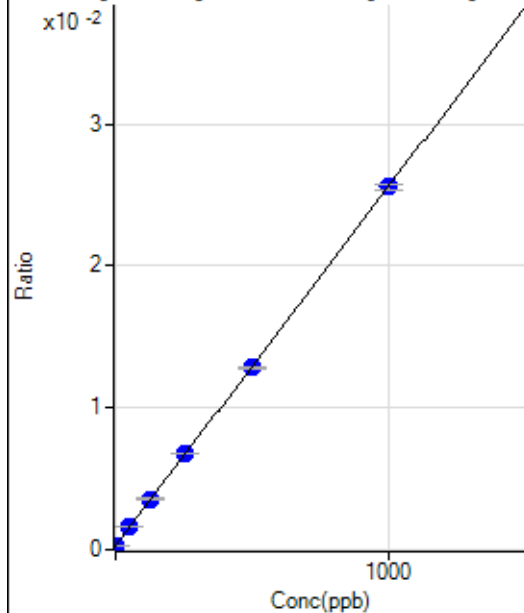
$$DL = 0.007573$$

$$BEC = 0.03131$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5092.05	0.0003	P	4.9
2	☐	1.000	1.318	5747.85	0.0003	P	0.5
3	☐	50.000	54.898	31417.31	0.0017	P	0.8
4	☐	125.000	129.391	67019.05	0.0035	P	3.1
5	☐	250.000	257.841	124780.13	0.0068	P	0.7
6	☐	500.000	496.081	236788.60	0.0128	P	1.3
7	☐	1000.000	999.205	469737.13	0.0256	P	1.3
8	☐			4926.44	0.0003	P	0.9

$$y = 2.5326E-005 * x + 2.6776E-004$$

$$R = 0.9999$$

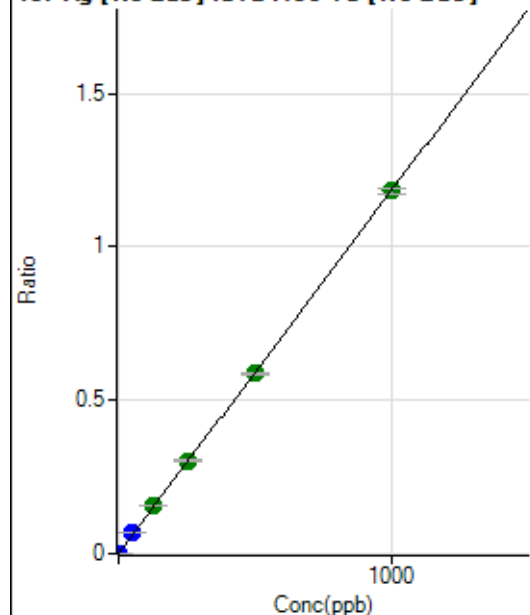
$$DL = 1.565$$

$$BEC = 10.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.11	0.0000	P	5.3
2	☐	1.000	1.062	24087.83	0.0013	P	1.9
3	☐	50.000	56.822	1274127.20	0.0673	P	1.4
4	☐	125.000	132.931	2974390.65	0.1573	A	3.1
5	☐	250.000	256.552	5573292.21	0.3036	A	1.0
6	☐	500.000	495.480	10820732.06	0.5864	A	1.3
7	☐	1000.000	999.290	21721833.84	1.1826	A	1.5
8	☐			6442.61	0.0004	P	9.2

$$y = 0.0012 * x + 5.8426E-006$$

$$R = 0.9999$$

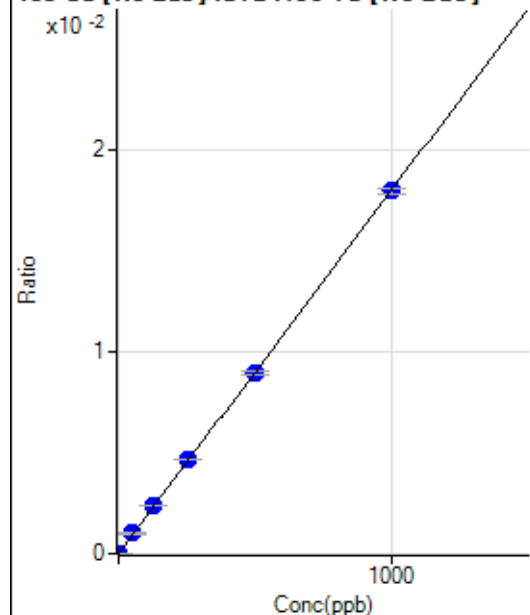
$$DL = 0.0007788$$

$$BEC = 0.004937$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0000	P	45.6
2	☐	1.000	0.859	321.12	0.0000	P	11.6
3	☐	50.000	55.742	19004.76	0.0010	P	2.3
4	☐	125.000	131.663	44764.41	0.0024	P	3.1
5	☐	250.000	257.567	84993.63	0.0046	P	0.7
6	☐	500.000	497.550	165031.16	0.0089	P	2.0
7	☐	1000.000	998.214	329541.74	0.0179	P	1.4
8	☐			173.34	0.0000	P	4.5

$$y = 1.7972E-005 * x + 1.4053E-006$$

$$R = 0.9999$$

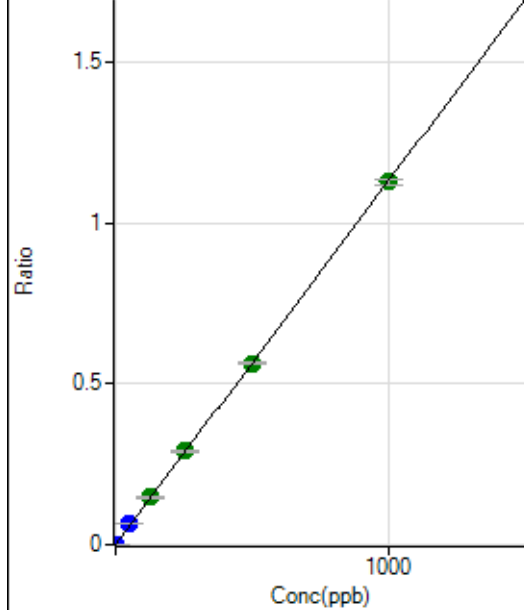
$$DL = 0.107$$

$$BEC = 0.0782$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	6.3
2	☐	1.000	1.048	22710.09	0.0012	P	4.1
3	☐	50.000	56.615	1214534.88	0.0641	P	1.9
4	☐	125.000	131.497	2815058.36	0.1489	A	3.2
5	☐	250.000	256.643	5334214.92	0.2906	A	0.4
6	☐	500.000	499.453	10436000.68	0.5655	A	1.8
7	☐	1000.000	997.470	20745339.41	1.1294	A	1.5
8	☐			5822.34	0.0003	P	10.7

$$y = 0.0011 * x + 3.1552E-006$$

$$R = 1.0000$$

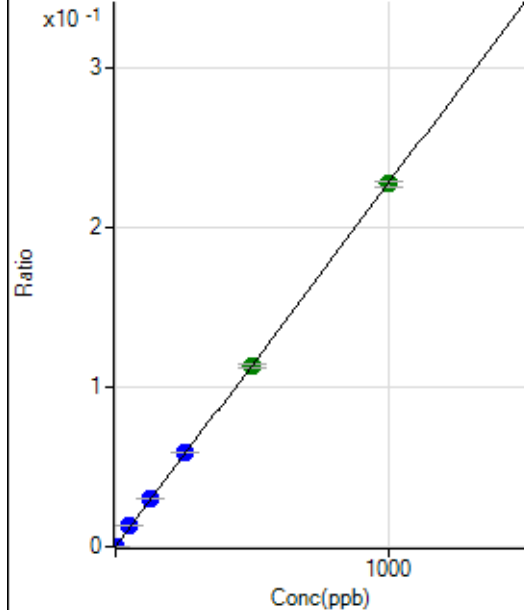
$$DL = 0.0005245$$

$$BEC = 0.002786$$

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	1060.86	0.0001	P	5.5
2	☐	1.000	1.173	6170.23	0.0003	P	3.1
3	☐	50.000	56.013	242979.97	0.0128	P	1.6
4	☐	125.000	132.220	570901.10	0.0302	P	3.4
5	☐	250.000	259.948	1088803.04	0.0593	P	0.5
6	☐	500.000	496.473	2089585.23	0.1132	A	1.7
7	☐	1000.000	998.073	4180186.85	0.2276	A	1.8
8	☐			2109.58	0.0001	P	4.5

$$y = 2.2797E-004 * x + 5.5784E-005$$

$$R = 0.9999$$

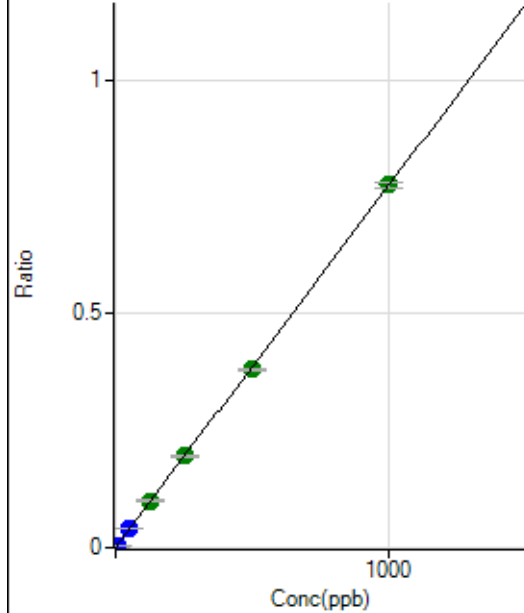
$$DL = 0.04002$$

$$BEC = 0.2447$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3491.68	0.0002	P	8.0
2	☐	5.000	5.372	82752.38	0.0043	P	2.2
3	☐	50.000	54.377	799834.66	0.0422	P	1.8
4	☐	125.000	128.036	1874619.52	0.0992	A	3.4
5	☐	250.000	253.106	3594700.12	0.1958	A	1.1
6	☐	500.000	492.504	7028913.09	0.3809	A	1.3
7	☐	1000.000	1002.371	14235453.26	0.7750	A	1.7
8	☐			7207.42	0.0004	P	1.7

$$y = 7.7301E-004 * x + 1.8361E-004$$

R = 0.9999

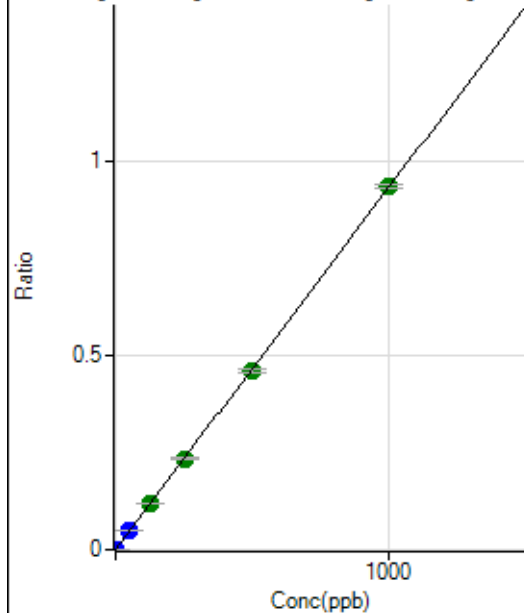
DL = 0.05711

BEC = 0.2375

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.56	0.0000	P	70.9
2	☐	2.000	2.113	37538.95	0.0020	P	1.6
3	☐	50.000	53.627	945044.36	0.0499	P	1.8
4	☐	125.000	127.944	2250196.69	0.1190	A	2.5
5	☐	250.000	251.504	4294130.46	0.2339	A	0.8
6	☐	500.000	492.491	8453201.40	0.4581	A	2.0
7	☐	1000.000	1002.829	17133690.02	0.9328	A	1.2
8	☐			8867.25	0.0005	P	4.2

$$y = 9.3015E-004 * x + 1.3381E-006$$

R = 0.9999

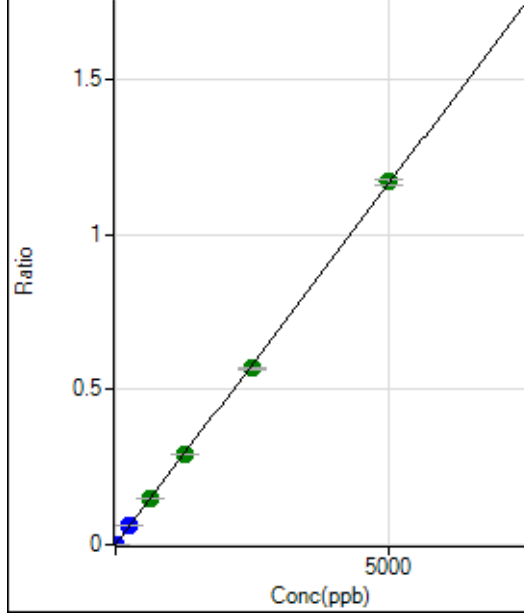
DL = 0.003062

BEC = 0.001439

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	25.1
2	☐	10.000	10.248	45618.34	0.0024	P	2.6
3	☐	250.000	263.398	1159951.50	0.0612	P	1.6
4	☐	625.000	635.057	2790889.92	0.1476	A	2.5
5	☐	1250.000	1247.570	5322312.94	0.2900	A	0.8
6	☐	2500.000	2443.973	10482172.62	0.5680	A	0.9
7	☐	5000.000	5026.694	21457889.40	1.1683	A	1.9
8	☐			9966.90	0.0005	P	2.2

$$y = 2.3241E-004 * x + 8.7697E-006$$

$$R = 0.9999$$

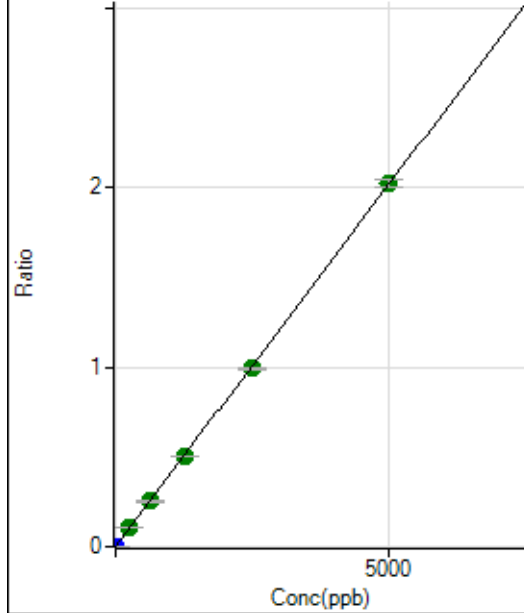
$$DL = 0.02842$$

$$BEC = 0.03773$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.89	0.0000	P	21.0
2	☐	10.000	10.244	79019.98	0.0041	P	2.2
3	☐	250.000	264.053	2014955.74	0.1064	A	2.0
4	☐	625.000	630.521	4801266.25	0.2539	A	3.0
5	☐	1250.000	1253.594	9267891.46	0.5049	A	0.5
6	☐	2500.000	2466.117	18328452.78	0.9932	A	1.2
7	☐	5000.000	5014.650	37095039.72	2.0196	A	1.9
8	☐			17786.77	0.0010	P	1.9

$$y = 4.0274E-004 * x + 1.5204E-005$$

$$R = 1.0000$$

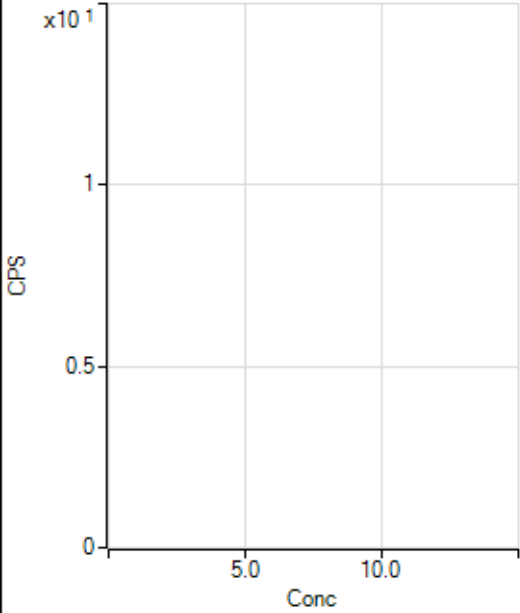
$$DL = 0.02382$$

$$BEC = 0.03775$$

Weight: <None>

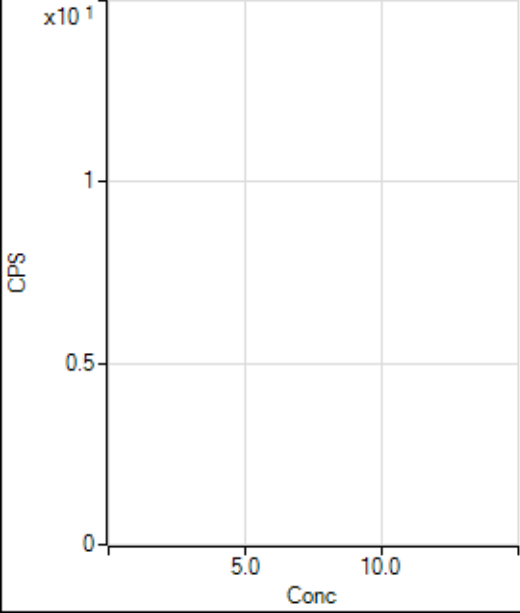
Min Conc: 0

150 Nd [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	50.0
3	☐			70.00		P	12.6
4	☐			150.00		P	8.0
5	☐			308.89		P	1.2
6	☐			534.46		P	8.1
7	☐			1090.05		P	2.9
8	☐			347.79		P	11.4

150 Nd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	173.
3	☐			21.11		P	48.2
4	☐			41.11		P	16.9
5	☐			84.44		P	6.0
6	☐			132.22		P	10.2
7	☐			313.34		P	6.4
8	☐			234.45		P	14.9

156 Dy [No Gas] No available calibration points

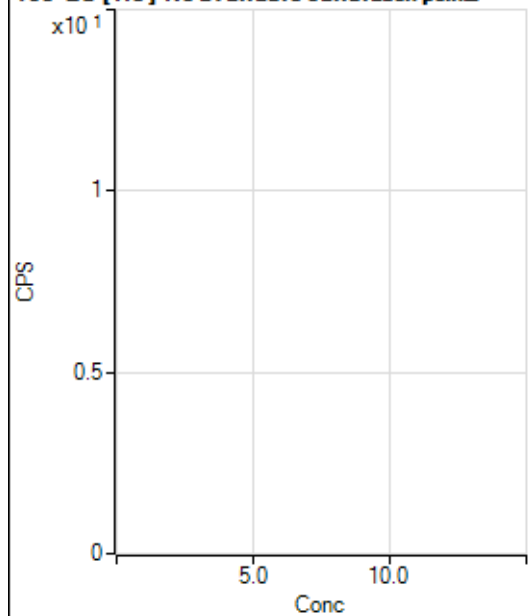
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐			17.78		P	28.6
3	☐			48.89		P	20.8
4	☐			78.89		P	23.3
5	☐			107.78		P	28.7
6	☐			194.45		P	4.9
7	☐			387.79		P	9.5
8	☐			734.47		P	3.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			11.11		P	17.3
3	☐			75.56		P	11.1
4	☐			142.22		P	32.0
5	☐			295.56		P	4.3
6	☐			622.25		P	12.1
7	☐			1225.62		P	5.8
8	☐			630.02		P	4.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	11.6
2	☐			74.44		P	6.8
3	☐			97.78		P	17.5
4	☐			104.45		P	15.1
5	☐			115.56		P	9.3
6	☐			163.34		P	23.2
7	☐			276.67		P	7.3
8	☐			726.69		P	5.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			795.59		P	5.1
2	☐			808.92		P	3.5
3	☐			836.70		P	13.4
4	☐			808.92		P	2.3
5	☐			786.70		P	4.9
6	☐			884.48		P	4.0
7	☐			855.59		P	10.3
8	☐			1193.40		P	6.9

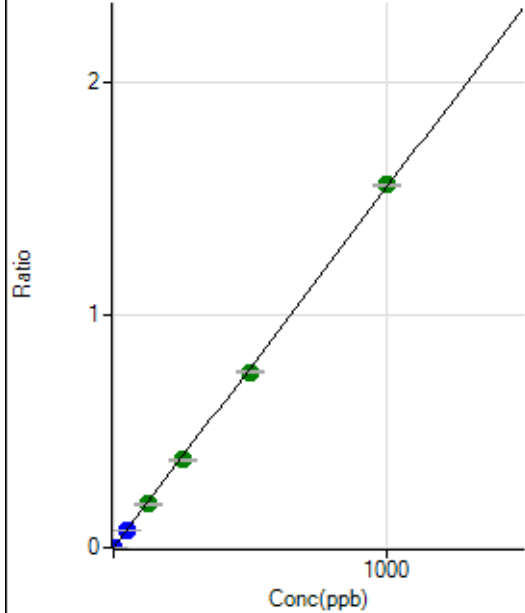
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	33.3
2	☐			85.56		P	9.0
3	☐			85.55		P	12.5
4	☐			101.11		P	24.7
5	☐			185.56		P	8.5
6	☐			184.45		P	1.0
7	☐			324.45		P	4.2
8	☐			812.26		P	4.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.45		P	12.7
2	☐			38.89		P	44.0
3	☐			56.67		P	50.3
4	☐			61.11		P	28.0
5	☐			96.67		P	39.8
6	☐			151.12		P	22.1
7	☐			233.34		P	2.5
8	☐			557.80		P	5.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	544.46	0.0000	P	5.0
2	☐	1.000	0.974	17563.66	0.0016	P	1.7
3	☐	50.000	50.296	873196.07	0.0779	P	1.4
4	☐	125.000	121.176	2137187.92	0.1876	A	2.5
5	☐	250.000	243.337	4206162.68	0.3767	A	0.8
6	☐	500.000	488.017	8361447.72	0.7555	A	1.6
7	☐	1000.000	1008.121	16900286.56	1.5607	A	0.2
8	☐			2905.90	0.0003	P	14.3

$$y = 0.0015 * x + 4.8545E-005$$

$$R = 0.9999$$

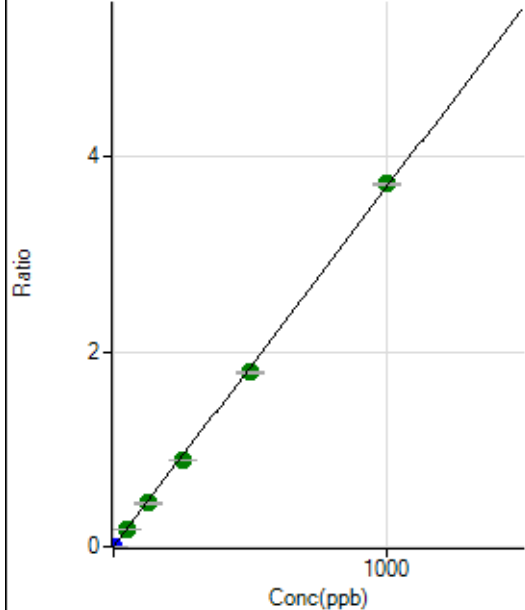
$$DL = 0.004711$$

$$BEC = 0.03136$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1246.74	0.0001	P	7.3
2	☐	1.000	0.960	41150.90	0.0036	P	1.0
3	☐	50.000	49.561	2046703.44	0.1826	A	1.0
4	☐	125.000	120.513	5055875.62	0.4439	A	2.2
5	☐	250.000	241.392	9925014.30	0.8890	A	0.5
6	☐	500.000	485.934	19804563.32	1.7894	A	1.1
7	☐	1000.000	1009.768	40264955.23	3.7183	A	0.3
8	☐			6950.75	0.0007	P	13.3

$$y = 0.0037 * x + 1.1118E-004$$

$$R = 0.9998$$

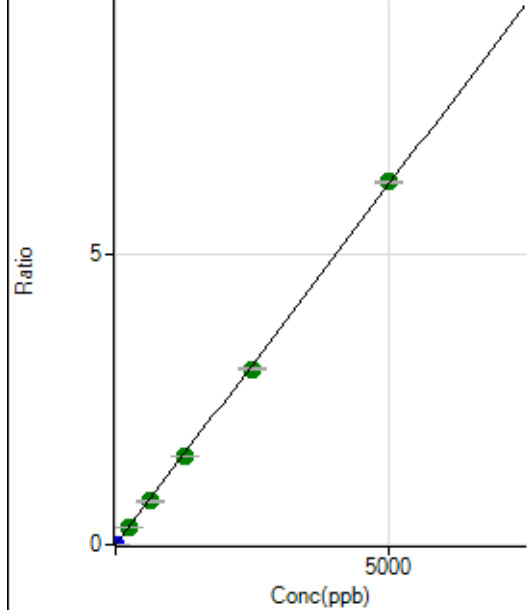
$$DL = 0.006567$$

$$BEC = 0.03019$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1315.63	0.0001	P	2.0
2	☐	1.000	0.970	14871.56	0.0013	P	1.2
3	☐	250.000	251.537	3491032.34	0.3115	A	1.0
4	☐	625.000	604.061	8518206.82	0.7478	A	1.8
5	☐	1250.000	1220.373	16866419.06	1.5107	A	0.6
6	☐	2500.000	2437.716	33396469.51	3.0175	A	1.1
7	☐	5000.000	5041.089	67571862.88	6.2400	A	0.4
8	☐			14740.30	0.0015	P	2.0

$$y = 0.0012 * x + 1.1732E-004$$

$$R = 0.9999$$

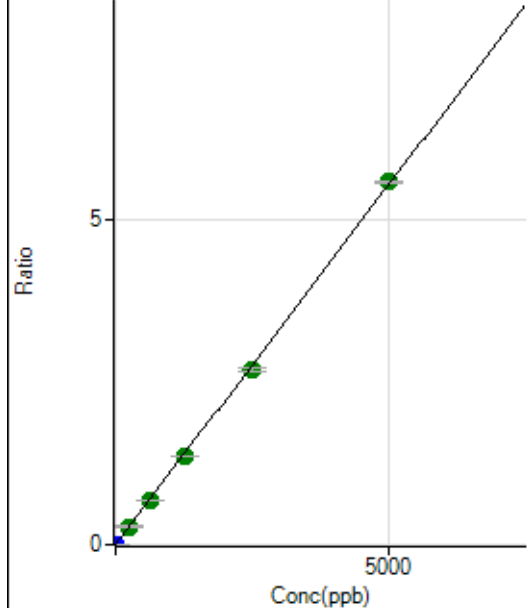
$$DL = 0.005728$$

$$BEC = 0.09478$$

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	1111.17	0.0001	P	3.6
2	☐	1.000	0.969	13184.26	0.0012	P	0.9
3	☐	250.000	253.145	3133025.61	0.2795	A	0.8
4	☐	625.000	609.403	7663208.29	0.6728	A	2.0
5	☐	1250.000	1221.008	15048668.53	1.3479	A	0.6
6	☐	2500.000	2431.592	29705281.50	2.6841	A	1.8
7	☐	5000.000	5043.245	60282830.77	5.5669	A	0.6
8	☐			12767.20	0.0013	P	0.8

$$y = 0.0011 * x + 9.9066E-005$$

$$R = 0.9998$$

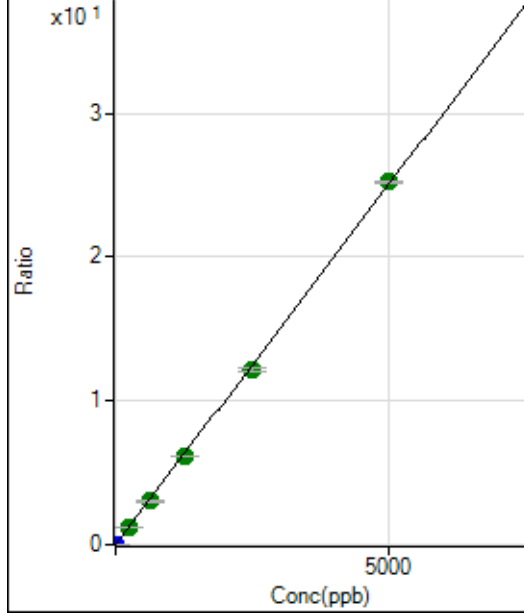
$$DL = 0.009562$$

$$BEC = 0.08975$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4998.18	0.0004	P	1.0
2	☐	1.000	0.969	59758.32	0.0053	P	1.0
3	☐	250.000	251.145	14091234.72	1.2572	A	0.6
4	☐	625.000	604.360	34452890.94	3.0247	A	2.1
5	☐	1250.000	1217.634	68032911.49	6.0936	A	0.2
6	☐	2500.000	2436.812	134956336.60	12.1944	A	1.7
7	☐	5000.000	5042.208	273236795.93	25.2319	A	0.5
8	☐			58428.25	0.0058	P	0.9

$$y = 0.0050 * x + 4.4566E-004$$

$$R = 0.9999$$

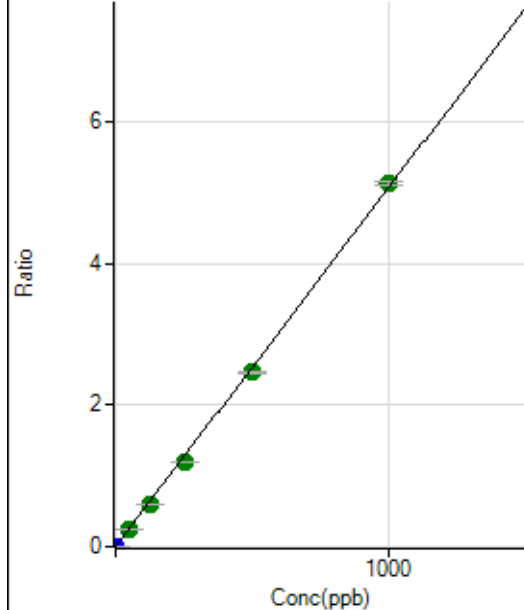
$$DL = 0.0028$$

$$BEC = 0.08906$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.89	0.0000	P	30.8
2	☐	1.000	0.900	51582.78	0.0046	P	2.6
3	☐	50.000	48.124	2733601.21	0.2439	A	1.0
4	☐	125.000	116.304	6713753.86	0.5894	A	1.5
5	☐	250.000	238.092	13471044.80	1.2066	A	0.1
6	☐	500.000	486.210	27269854.59	2.4640	A	1.3
7	☐	1000.000	1011.053	55480828.62	5.1237	A	1.1
8	☐			7531.09	0.0008	P	3.7

$$y = 0.0051 * x + 1.1499E-005$$

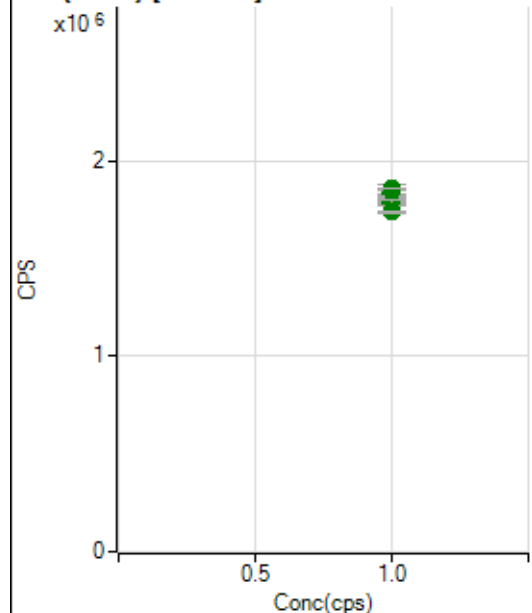
$$R = 0.9998$$

$$DL = 0.002098$$

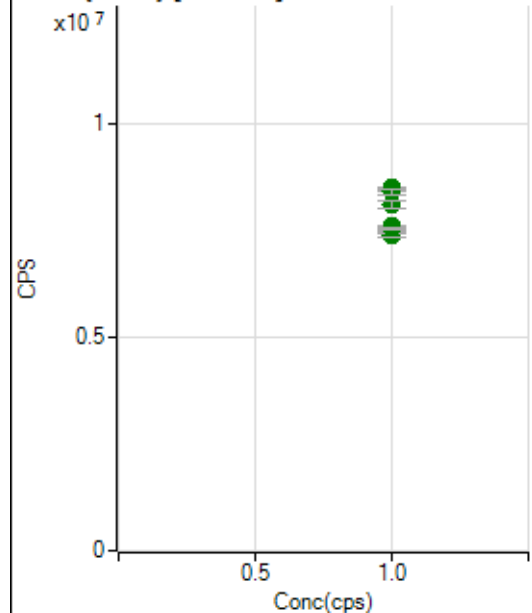
$$BEC = 0.002269$$

Weight: <None>

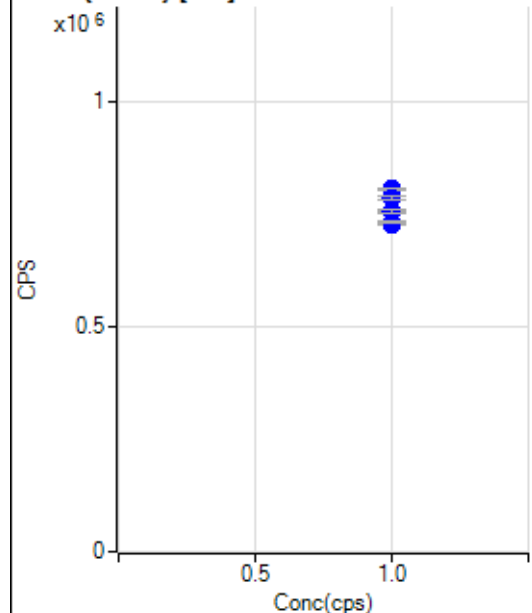
Min Conc: 0

6 Li (ISTD) [No Gas]

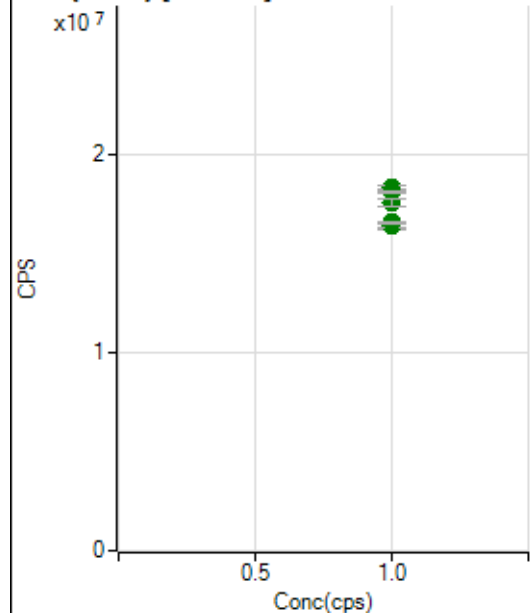
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1845165.04		A	3.1
2	☐	1.000		1843204.36		A	1.1
3	☐	1.000		1855446.92		A	0.4
4	☐	1.000		1834101.08		A	2.5
5	☐	1.000		1805605.41		A	1.5
6	☐	1.000		1794248.55		A	1.6
7	☐	1.000		1784791.66		A	1.4
8	☐	1.000		1736692.92		A	0.5

45 Sc (ISTD) [No Gas]

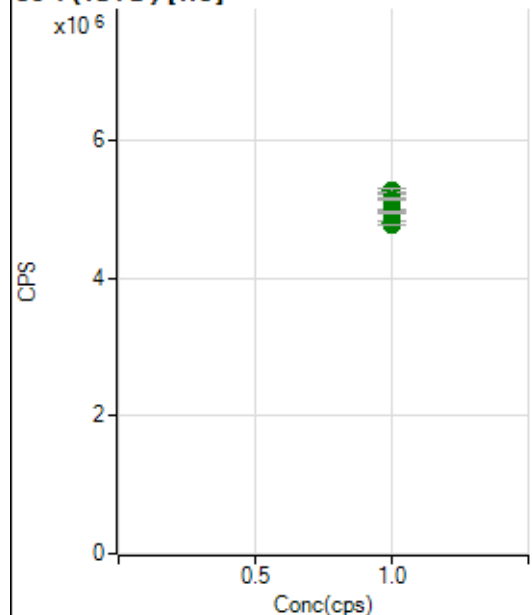
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8484832.09		A	0.6
2	☐	1.000		8461587.58		A	1.0
3	☐	1.000		8388798.97		A	1.5
4	☐	1.000		8096873.35		A	2.2
5	☐	1.000		7585782.80		A	0.7
6	☐	1.000		7431642.88		A	0.7
7	☐	1.000		7370569.82		A	0.8
8	☐	1.000		7551070.03		A	0.6

45 Sc (ISTD) [He]

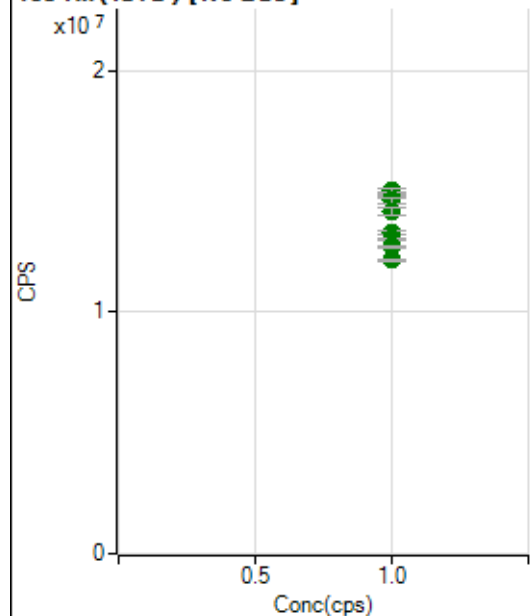
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		803759.01		P	0.3
2	☐	1.000		806717.15		P	0.6
3	☐	1.000		787463.84		P	1.1
4	☐	1.000		755228.11		P	0.6
5	☐	1.000		730574.16		P	0.6
6	☐	1.000		726146.26		P	0.4
7	☐	1.000		733224.29		P	0.5
8	☐	1.000		756843.20		P	0.7

89 Y (ISTD) [No Gas]

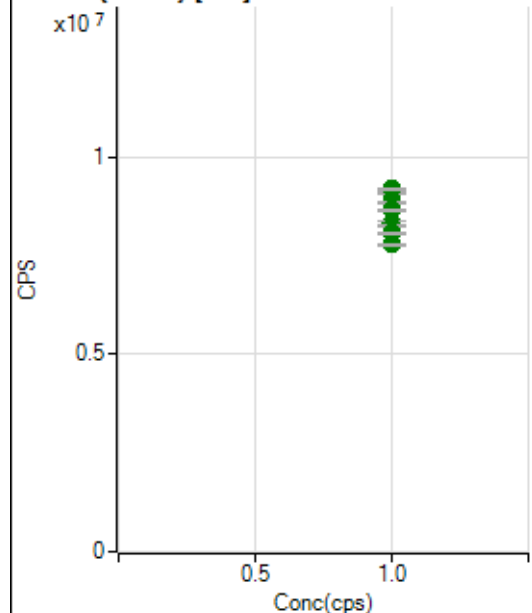
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18186945.43		A	0.6
2	☐	1.000		18286214.03		A	1.5
3	☐	1.000		18092095.29		A	0.9
4	☐	1.000		17513499.32		A	2.1
5	☐	1.000		16518528.23		A	0.5
6	☐	1.000		16358486.42		A	1.8
7	☐	1.000		16354122.67		A	1.1
8	☐	1.000		16550268.23		A	0.6

89 Y (ISTD) [He]

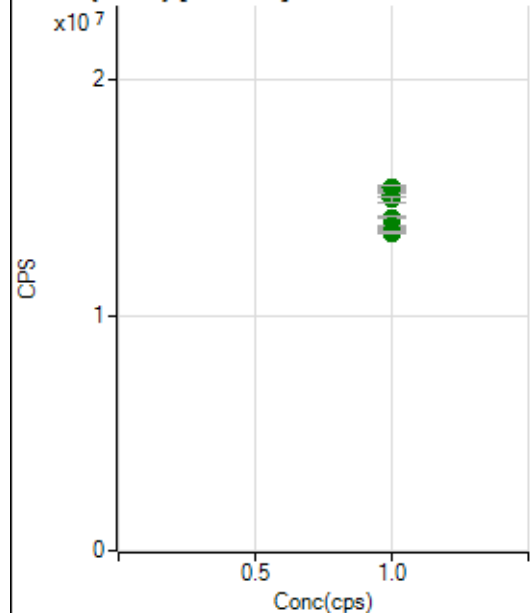
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5240185.41		A	0.7
2	☐	1.000		5273783.81		A	1.2
3	☐	1.000		5152823.01		A	0.9
4	☐	1.000		4998834.37		A	0.3
5	☐	1.000		4840107.15		A	0.2
6	☐	1.000		4807497.78		A	1.1
7	☐	1.000		4775676.32		A	0.2
8	☐	1.000		4965659.75		A	0.7

103 Rh (ISTD) [No Gas]

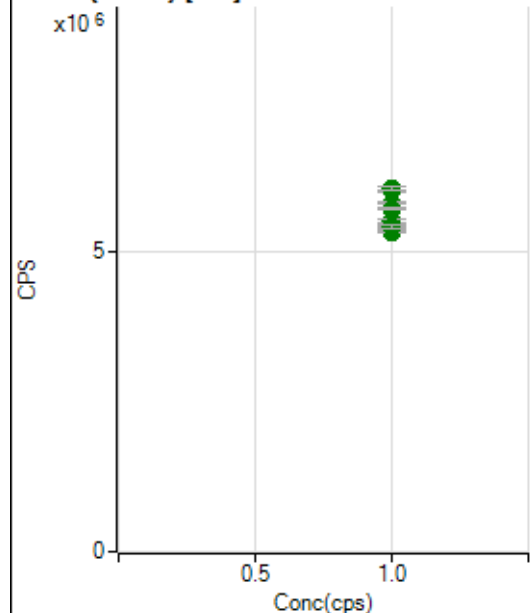
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14829367.14		A	0.9
2	☐	1.000		15010244.08		A	1.2
3	☐	1.000		14619049.51		A	1.6
4	☐	1.000		14189588.82		A	2.2
5	☐	1.000		13300776.61		A	1.3
6	☐	1.000		13014506.47		A	1.1
7	☐	1.000		12715393.42		A	0.6
8	☐	1.000		12142777.32		A	0.5

103 Rh (ISTD) [He]

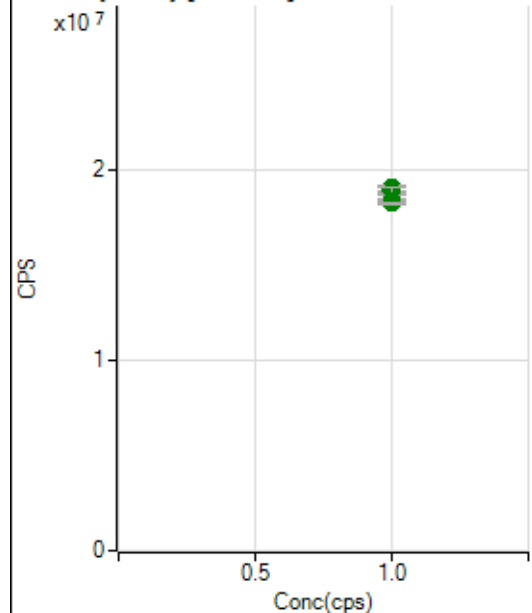
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9099749.17		A	0.7
2	☐	1.000		9191562.16		A	0.3
3	☐	1.000		8849077.99		A	0.4
4	☐	1.000		8653807.93		A	0.6
5	☐	1.000		8311323.70		A	1.2
6	☐	1.000		8244126.41		A	0.5
7	☐	1.000		8071507.03		A	0.3
8	☐	1.000		7774435.02		A	0.4

115 In (ISTD) [No Gas]

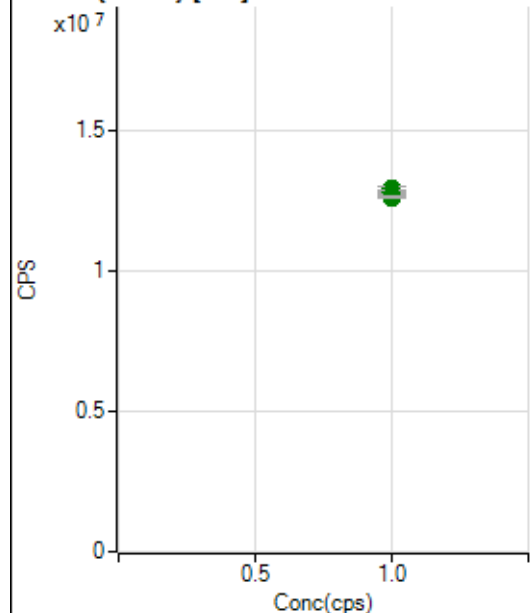
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15407248.70		A	0.3
2	☐	1.000		15398929.67		A	1.3
3	☐	1.000		15127435.12		A	1.3
4	☐	1.000		14910645.78		A	1.9
5	☐	1.000		14165966.52		A	0.9
6	☐	1.000		13765992.79		A	0.5
7	☐	1.000		13551516.09		A	1.0
8	☐	1.000		13496385.14		A	0.5

115 In (ISTD) [He]

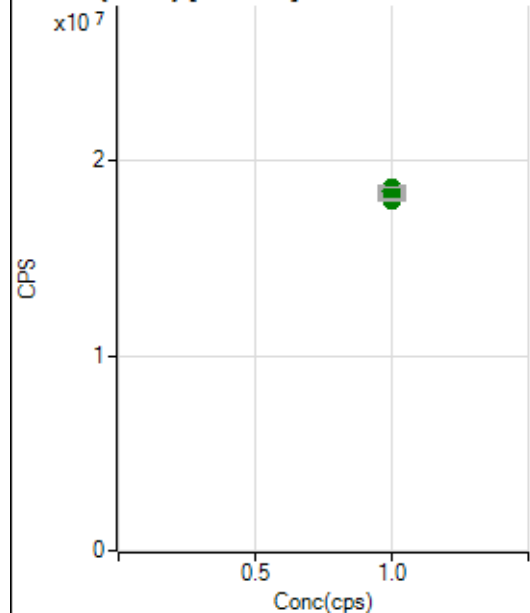
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6002530.89		A	0.6
2	☐	1.000		6036327.63		A	1.2
3	☐	1.000		5805356.89		A	0.6
4	☐	1.000		5701175.46		A	0.5
5	☐	1.000		5503078.21		A	1.3
6	☐	1.000		5423025.40		A	0.4
7	☐	1.000		5317639.32		A	0.6
8	☐	1.000		5415549.26		A	1.1

159 Tb (ISTD) [No Gas]

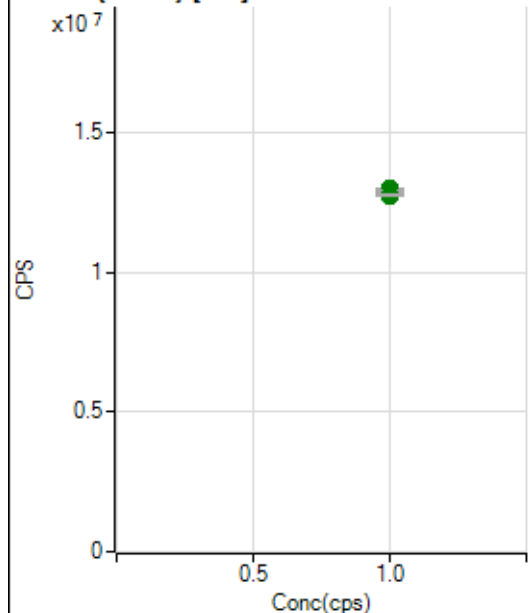
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19022540.27		A	0.9
2	☐	1.000		19088134.72		A	1.6
3	☐	1.000		18948583.75		A	1.4
4	☐	1.000		18914491.38		A	2.1
5	☐	1.000		18356188.20		A	0.7
6	☐	1.000		18455030.42		A	0.9
7	☐	1.000		18369557.51		A	1.0
8	☐	1.000		18264612.92		A	0.6

159 Tb (ISTD) [He]

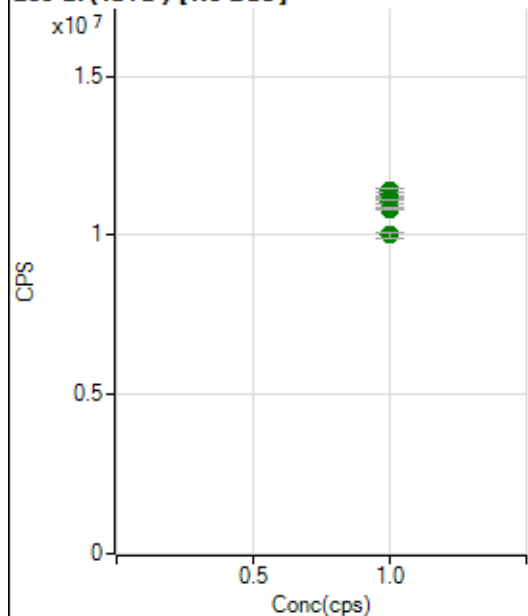
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12945958.97		A	1.0
2	☐	1.000		12908598.97		A	1.5
3	☐	1.000		12821016.75		A	1.1
4	☐	1.000		12832571.06		A	0.5
5	☐	1.000		12772284.39		A	0.2
6	☐	1.000		12834655.23		A	0.8
7	☐	1.000		12706889.95		A	0.5
8	☐	1.000		12633866.48		A	0.4

165 Ho (ISTD) [No Gas]

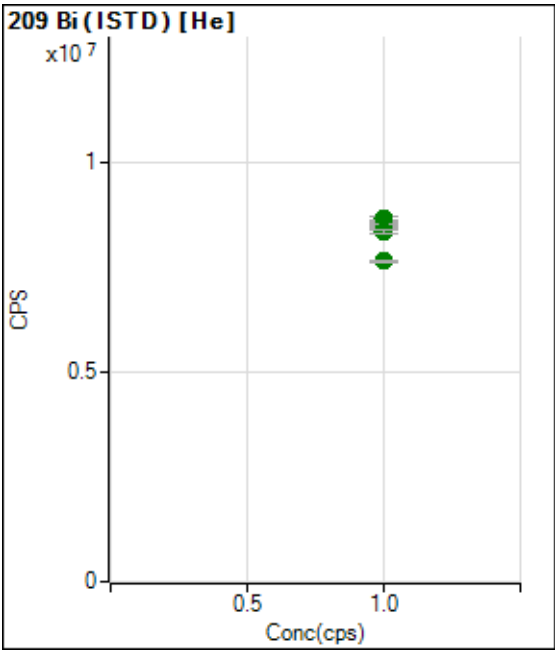
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18379743.61		A	0.2
2	☐	1.000		18591298.33		A	1.7
3	☐	1.000		18399378.48		A	1.2
4	☐	1.000		18448294.17		A	2.0
5	☐	1.000		18019319.45		A	0.5
6	☐	1.000		18112670.98		A	1.5
7	☐	1.000		18109290.29		A	0.3
8	☐	1.000		17981326.95		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12890667.17		A	0.7
2	☐	1.000		13004066.75		A	0.8
3	☐	1.000		12826609.11		A	1.0
4	☐	1.000		12917031.20		A	1.4
5	☐	1.000		12773957.31		A	0.7
6	☐	1.000		12901634.81		A	0.5
7	☐	1.000		12929689.11		A	0.8
8	☐	1.000		12783577.73		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11215108.03		A	0.6
2	☐	1.000		11285653.58		A	0.8
3	☐	1.000		11208829.83		A	0.8
4	☐	1.000		11392003.03		A	1.0
5	☐	1.000		11164715.25		A	0.3
6	☐	1.000		11068452.75		A	1.1
7	☐	1.000		10828878.87		A	0.8
8	☐	1.000		10002004.30		A	2.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1		1.000		8538213.14		A	1.6
2		1.000		8662745.15		A	1.1
3		1.000		8539142.65		A	1.7
4		1.000		8611166.05		A	0.1
5		1.000		8543825.36		A	1.0
6		1.000		8535181.40		A	0.3
7		1.000		8361817.51		A	0.8
8		1.000		7652495.93		A	0.5

US EPA Tune Check Report

Reviewed By:Mohan
On:12/11/2024 3:43:35
AM
Inst Id :P7
LB :LB133721

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7120324 MS.b
Acq. Date-Time 2024-12-03 12:30:55
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		9785	97850.77			0.375	5.000
24		85340	853395.43			0.687	5.000
25		10401	104006.26			0.255	5.000
26		11581	115814.04			0.263	5.000
59		140436	1404358.17			0.426	5.000
113		19379	193790.34			0.528	5.000
115		232662	2326624.86			0.633	5.000
206		49793	497933.32			0.333	5.000
207		42746	427464.68			0.209	5.000
208		104249	1042494.41			0.857	5.000
220		0	2.10			61.630	

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	9822	9818	9734	9785	9766
24	85551	85094	84441	85923	85690
25	10428	10357	10403	10401	10414
26	11541	11590	11592	11621	11563
59	140632	139643	140874	139986	141044
113	19489	19421	19409	19361	19215
115	234532	232553	231450	233720	231057
206	49828	49802	49942	49882	49513
207	42757	42597	42803	42825	42751
208	103221	103733	104415	105607	104271

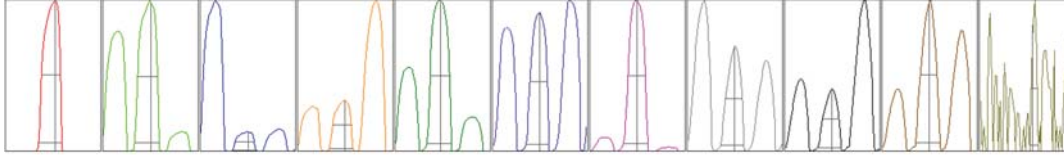
US EPA Tune Check Report

Reviewed By: Mohan
On: 12/11/2024 3:43:35 AM
Inst Id : P7
LB : LB133721

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	17312.01	9.10	8.90 - 9.10	
24	140668.84	24.05	23.90 - 24.10	
25	17551.11	25.05	24.90 - 25.10	
26	20426.81	26.00	25.90 - 26.10	
59	236950.10	58.95	58.90 - 59.10	
113	36811.96	113.00	112.90 - 113.10	
115	436700.41	115.00	114.90 - 115.10	
206	98847.68	206.00	205.90 - 206.10	
207	86053.09	207.00	206.90 - 207.10	
208	206535.10	208.00	207.90 - 208.10	
220	0.50	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.733	0.900	
24	0.63	0.781	0.900	
25	0.61	0.748	0.900	
26	0.59	0.745	0.900	
59	0.61	0.783	0.900	
113	0.54	0.730	0.900	
115	0.54	0.778	0.900	
206	0.52	0.738	0.900	
207	0.52	0.747	0.900	
208	0.52	0.775	0.900	
220	0.18	0.243		

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: 12/11/2024 3:43:35 AM
Inst Id : P7
LB : LB133721

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	7.8 V	Deflect	16.2 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm
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EM

Discriminator	4.8 mV	Analog HV	2230 V	Pulse HV	1000 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		49437	494366.05			0.497	
89		56711	567109.93			0.594	
205		50736	507356.40			0.762	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	49816	49536	49349	49200	49281
89	57234	56722	56763	56369	56466
205	51279	50958	50593	50285	50564

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	8.2 V	Deflect	3.8 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:12/11/2024 3:43:35
AM
Inst Id :P7
LB :LB133721

Extract 2	-130.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 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	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm
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EM

Discriminator	4.8 mV	Analog HV	2230 V	Pulse HV	1000 V
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LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.06	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	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	0.03	0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.43	0.15	-0.58	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	0.23	-0.50	0.27	0.00	N/A	ppb
Calcium	44-1	1.18	-0.51	-0.67	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	0.00	-0.06	0.00	N/A	ppb
Iron	57-2	-0.02	0.61	-0.59	0.00	N/A	ppb
Iron	54-2	0.17	-0.08	-0.09	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.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	-0.07	-0.02	0.09	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-17.89	-16.77	-15.04	-16.56		ppb
Potassium	39-2	0.89	-1.34	0.45	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.18	0.04	-0.21	0.00	N/A	ppb
Selenium	77-2	0.07	-0.03	-0.03	0.00	N/A	ppb
Selenium	78-2	0.13	0.10	-0.23	0.00	N/A	ppb
Silicon	28-1	-0.17	0.07	0.10	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	-0.05	0.26	-0.21	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-56.07	-11.83	25.99	-13.97		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	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.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	0.00	0.00	0.00	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	0.00	0.00	N/A	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.45	19.51	19.55	19.17	3.26	ppb
Antimony	121-1	2.08	2.13	2.14	2.11	1.57	ppb
Arsenic	75-2	1.16	1.10	0.98	1.08	8.35	ppb
Barium	135-1	9.95	10.34	10.46	10.25	2.61	ppb
Barium	137-1	9.99	10.35	10.40	10.24	2.19	ppb
Beryllium	9-1	1.07	1.05	1.02	1.04	2.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.74	0.96	0.88	0.86	12.64	ppb
Cadmium	106-1	1.30	1.26	1.39	1.32	4.79	ppb
Cadmium	111-1	1.18	1.13	1.21	1.17	3.72	ppb
Calcium	43-1	512.79	535.73	525.64	524.72	2.19	ppb
Calcium	44-1	515.35	526.55	528.47	523.45	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.10	2.09	2.12	2.02	ppb
Cobalt	59-2	1.10	1.07	1.09	1.09	1.38	ppb
Copper	63-2	2.01	1.98	2.03	2.01	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	55.86	55.64	56.21	55.90	0.51	ppb
Iron	57-2	58.23	58.38	58.86	58.49	0.56	ppb
Iron	54-2	56.95	58.04	54.93	56.64	2.79	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.96	0.98	0.97	1.36	ppb
Lead	207-1	0.96	0.97	0.97	0.97	0.95	ppb
Lead	208-1	0.96	0.97	0.98	0.97	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	502.03	492.48	504.92	499.81	1.30	ppb
Manganese	55-2	1.05	1.02	1.04	1.04	1.35	ppb
Molybdenum	94-1	5.62	5.81	5.80	5.75	1.84	ppb
Molybdenum	95-1	4.70	4.90	4.96	4.85	2.73	ppb
Molybdenum	96-1	4.84	4.93	5.09	4.95	2.60	ppb
Molybdenum	97-1	4.73	4.87	4.95	4.85	2.34	ppb
Molybdenum	98-1	4.82	4.96	4.98	4.92	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.04	1.09	1.06	2.08	ppb
Phosphorus	31-2	16.38	17.53	15.79	16.56	5.35	ppb
Potassium	39-2	534.89	531.00	531.93	532.61	0.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.46	5.24	5.13	5.28	3.26	ppb
Selenium	77-2	5.46	6.56	4.00	5.34	24.05	ppb
Selenium	78-2	5.21	4.78	4.83	4.94	4.75	ppb
Silicon	28-1	7.23	7.52	1.02	5.26	69.79	ppb
Silver	107-1	1.04	1.07	1.08	1.06	1.94	ppb
Silver	109-1	1.00	1.06	1.08	1.05	4.07	ppb
Sodium	23-2	487.95	485.12	489.78	487.61	0.48	ppb
Strontium	86-1	1.00	1.05	1.01	1.02	2.58	ppb
Strontium	88-1	0.98	0.99	1.02	0.99	2.08	ppb
Sulfur	34-1	-24.84	53.38	13.36	13.97	280.04	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.95	0.98	0.99	0.97	1.79	ppb
Thallium	205-1	0.96	0.95	0.97	0.96	0.98	ppb
Tin	118-1	5.24	5.48	5.39	5.37	2.28	ppb
Titanium	47-1	5.11	5.11	4.97	5.06	1.58	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.92	0.91	0.90	2.59	ppb
Vanadium	51-2	5.07	5.13	5.12	5.11	0.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	4.87	4.95	5.10	4.97	2.37	ppb
Zirconium	90-1	0.94	0.98	0.98	0.97	2.22	ppb
Zirconium	91-1	0.95	0.98	0.98	0.97	1.85	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.77	1044.45	1035.02	1034.08	1.05	ppb
Antimony	121-1	52.51	54.12	54.25	53.63	1.81	ppb
Arsenic	75-2	51.41	52.58	51.71	51.90	1.17	ppb
Barium	135-1	258.69	264.75	266.76	263.40	1.59	ppb
Barium	137-1	258.19	265.47	268.50	264.05	2.01	ppb
Beryllium	9-1	49.31	50.50	50.99	50.27	1.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.28	56.36	56.59	55.74	2.28	ppb
Cadmium	106-1	54.63	54.58	55.48	54.90	0.92	ppb
Cadmium	111-1	54.95	56.43	56.66	56.01	1.65	ppb
Calcium	43-1	5392.69	5532.26	5539.88	5488.28	1.51	ppb
Calcium	44-1	5090.09	5155.39	5187.43	5144.30	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.71	52.27	52.27	52.09	0.62	ppb
Cobalt	59-2	52.72	53.27	52.90	52.96	0.52	ppb
Copper	63-2	528.84	528.14	528.44	528.47	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	2717.52	2725.74	2732.74	2725.33	0.28	ppb
Iron	57-2	2785.90	2844.56	2817.03	2815.83	1.04	ppb
Iron	54-2	2876.93	2907.39	2898.54	2894.29	0.54	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	250.61	254.47	249.53	251.54	1.03	ppb
Lead	207-1	250.89	255.04	253.51	253.14	0.83	ppb
Lead	208-1	249.57	252.50	251.37	251.14	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	5243.89	5249.13	5309.22	5267.41	0.69	ppb
Manganese	55-2	517.45	521.01	521.06	519.84	0.40	ppb
Molybdenum	94-1	502.66	507.50	504.05	504.73	0.49	ppb
Molybdenum	95-1	499.34	510.41	499.93	503.23	1.24	ppb
Molybdenum	96-1	498.24	503.76	503.37	501.79	0.61	ppb
Molybdenum	97-1	503.38	515.39	499.92	506.23	1.60	ppb
Molybdenum	98-1	494.74	506.62	499.52	500.30	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.96	53.76	53.74	53.49	0.85	ppb
Phosphorus	31-2	1015.55	1028.39	1066.83	1036.92	2.57	ppb
Potassium	39-2	2651.38	2685.63	2643.39	2660.13	0.84	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	52.40	52.89	52.59	52.63	0.47	ppb
Selenium	77-2	50.71	53.33	52.92	52.32	2.69	ppb
Selenium	78-2	51.12	53.07	52.33	52.18	1.89	ppb
Silicon	28-1	57.09	58.37	58.43	57.96	1.31	ppb
Silver	107-1	55.90	57.09	57.47	56.82	1.45	ppb
Silver	109-1	55.42	56.90	57.52	56.61	1.91	ppb
Sodium	23-2	5248.62	5275.31	5357.14	5293.69	1.07	ppb
Strontium	86-1	50.26	51.06	50.56	50.63	0.80	ppb
Strontium	88-1	50.68	50.94	50.74	50.79	0.27	ppb
Sulfur	34-1	821.55	894.69	919.08	878.44	5.78	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	49.64	51.01	50.23	50.30	1.37	ppb
Thallium	205-1	49.22	50.14	49.32	49.56	1.01	ppb
Tin	118-1	53.26	54.91	54.96	54.38	1.77	ppb
Titanium	47-1	497.03	507.42	512.93	505.79	1.60	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.60	48.51	48.27	48.12	0.98	ppb
Vanadium	51-2	50.85	51.34	51.68	51.29	0.82	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	534.83	540.80	540.53	538.72	0.63	ppb
Zirconium	90-1	50.03	50.93	50.70	50.55	0.93	ppb
Zirconium	91-1	50.20	51.37	50.53	50.70	1.19	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2571.89	2499.61	2491.01	2520.84	1.76	ppb
Antimony	121-1	124.25	130.01	129.57	127.94	2.50	ppb
Arsenic	75-2	126.65	125.80	125.01	125.82	0.65	ppb
Barium	135-1	617.43	648.24	639.50	635.06	2.50	ppb
Barium	137-1	608.56	643.56	639.44	630.52	3.03	ppb
Beryllium	9-1	116.65	124.43	123.40	121.49	3.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	127.33	135.54	132.12	131.66	3.13	ppb
Cadmium	106-1	124.60	132.87	130.71	129.39	3.31	ppb
Cadmium	111-1	126.95	134.96	134.75	132.22	3.45	ppb
Calcium	43-1	12700.30	13295.34	13399.68	13131.77	2.87	ppb
Calcium	44-1	11996.51	12546.64	12740.07	12427.74	3.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.26	127.97	127.44	127.89	0.33	ppb
Cobalt	59-2	130.60	128.09	127.04	128.58	1.42	ppb
Copper	63-2	1320.39	1305.57	1270.00	1298.65	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6686.86	6743.40	6694.12	6708.13	0.46	ppb
Iron	57-2	6960.77	7019.43	6912.76	6964.32	0.77	ppb
Iron	54-2	6802.87	6932.31	6807.49	6847.56	1.07	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	591.46	611.41	609.31	604.06	1.81	ppb
Lead	207-1	595.81	619.26	613.14	609.40	2.00	ppb
Lead	208-1	589.93	612.46	610.69	604.36	2.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	13011.15	12842.75	12871.67	12908.52	0.70	ppb
Manganese	55-2	1278.45	1277.57	1263.64	1273.22	0.65	ppb
Molybdenum	94-1	1181.43	1227.34	1236.49	1215.09	2.43	ppb
Molybdenum	95-1	1174.53	1229.28	1240.85	1214.88	2.92	ppb
Molybdenum	96-1	1177.92	1225.99	1238.53	1214.15	2.63	ppb
Molybdenum	97-1	1179.83	1230.17	1234.98	1214.99	2.51	ppb
Molybdenum	98-1	1178.82	1234.76	1245.95	1219.84	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.16	129.61	128.81	129.86	0.92	ppb
Phosphorus	31-2	2503.50	2476.32	2513.86	2497.89	0.78	ppb
Potassium	39-2	6377.14	6288.04	6364.43	6343.21	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	122.34	129.69	128.86	126.96	3.17	ppb
Selenium	77-2	129.44	123.56	126.89	126.63	2.33	ppb
Selenium	78-2	130.26	124.73	127.25	127.41	2.18	ppb
Silicon	28-1	124.86	131.01	135.07	130.31	3.94	ppb
Silver	107-1	128.32	136.35	134.12	132.93	3.12	ppb
Silver	109-1	126.62	134.46	133.41	131.50	3.24	ppb
Sodium	23-2	13093.95	12944.43	12740.85	12926.41	1.37	ppb
Strontium	86-1	119.56	124.55	124.59	122.90	2.35	ppb
Strontium	88-1	118.31	122.97	123.65	121.64	2.39	ppb
Sulfur	34-1	2045.43	2218.83	2256.73	2173.66	5.18	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	117.73	122.53	123.26	121.18	2.48	ppb
Thallium	205-1	117.55	121.50	122.48	120.51	2.17	ppb
Tin	118-1	123.16	129.52	131.43	128.04	3.38	ppb
Titanium	47-1	1179.94	1242.13	1252.42	1224.83	3.20	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	114.28	117.66	116.97	116.30	1.54	ppb
Vanadium	51-2	125.17	124.50	124.40	124.69	0.33	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	1319.86	1306.44	1279.34	1301.88	1.59	ppb
Zirconium	90-1	117.72	122.54	125.23	121.83	3.12	ppb
Zirconium	91-1	119.00	124.58	125.75	123.11	2.93	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5035.41	5189.02	5147.61	5124.01	1.55	ppb
Antimony	121-1	251.61	249.50	253.40	251.50	0.78	ppb
Arsenic	75-2	248.99	247.41	245.32	247.24	0.74	ppb
Barium	135-1	1237.82	1247.51	1257.37	1247.57	0.78	ppb
Barium	137-1	1256.66	1257.73	1246.39	1253.59	0.50	ppb
Beryllium	9-1	245.51	251.90	245.63	247.68	1.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	257.81	255.71	259.18	257.57	0.68	ppb
Cadmium	106-1	255.77	258.99	258.76	257.84	0.70	ppb
Cadmium	111-1	259.91	258.72	261.22	259.95	0.48	ppb
Calcium	43-1	26511.59	26511.02	26638.92	26553.84	0.28	ppb
Calcium	44-1	25210.99	25013.37	24784.41	25002.92	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.27	251.95	250.30	252.17	0.79	ppb
Cobalt	59-2	254.09	252.49	257.07	254.55	0.91	ppb
Copper	63-2	2538.02	2555.77	2536.96	2543.58	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	13121.45	13288.00	13034.45	13147.97	0.98	ppb
Iron	57-2	13014.44	13179.76	13287.56	13160.59	1.05	ppb
Iron	54-2	13326.99	13594.52	13147.44	13356.32	1.68	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1228.37	1214.74	1218.00	1220.37	0.58	ppb
Lead	207-1	1227.71	1221.20	1214.11	1221.01	0.56	ppb
Lead	208-1	1220.80	1216.37	1215.73	1217.63	0.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	25972.48	26105.05	26049.51	26042.35	0.26	ppb
Manganese	55-2	2501.99	2529.21	2472.30	2501.17	1.14	ppb
Molybdenum	94-1	2454.10	2501.07	2463.90	2473.02	1.00	ppb
Molybdenum	95-1	2491.10	2499.34	2454.31	2481.58	0.97	ppb
Molybdenum	96-1	2471.24	2495.35	2466.72	2477.77	0.62	ppb
Molybdenum	97-1	2474.44	2489.94	2449.94	2471.44	0.82	ppb
Molybdenum	98-1	2478.37	2500.09	2446.93	2475.13	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.43	255.83	253.41	254.22	0.55	ppb
Phosphorus	31-2	5003.76	5022.95	5043.54	5023.42	0.40	ppb
Potassium	39-2	12930.14	12876.86	12665.40	12824.13	1.09	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	257.42	255.85	254.46	255.91	0.58	ppb
Selenium	77-2	254.38	248.69	250.71	251.26	1.15	ppb
Selenium	78-2	254.51	248.66	244.71	249.29	1.98	ppb
Silicon	28-1	261.36	259.97	264.83	262.05	0.95	ppb
Silver	107-1	258.53	253.70	257.42	256.55	0.99	ppb
Silver	109-1	255.69	256.58	257.65	256.64	0.38	ppb
Sodium	23-2	25973.13	26264.65	26346.30	26194.69	0.75	ppb
Strontium	86-1	248.40	248.98	247.08	248.15	0.39	ppb
Strontium	88-1	244.69	246.47	246.50	245.89	0.42	ppb
Sulfur	34-1	4598.54	4615.24	4588.25	4600.68	0.30	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	241.87	242.72	245.42	243.34	0.76	ppb
Thallium	205-1	241.89	240.13	242.16	241.39	0.46	ppb
Tin	118-1	252.86	250.53	255.94	253.11	1.07	ppb
Titanium	47-1	2451.32	2458.88	2490.40	2466.87	0.84	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	237.97	237.91	238.39	238.09	0.11	ppb
Vanadium	51-2	244.77	246.34	246.27	245.79	0.36	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	2546.56	2576.54	2559.43	2560.84	0.59	ppb
Zirconium	90-1	247.08	248.75	246.88	247.57	0.42	ppb
Zirconium	91-1	248.02	248.42	246.38	247.61	0.44	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10334.06	10360.61	10259.73	10318.13	0.51	ppb
Antimony	121-1	483.61	502.74	491.12	492.49	1.96	ppb
Arsenic	75-2	486.37	496.16	504.09	495.54	1.79	ppb
Barium	135-1	2422.96	2465.74	2443.22	2443.97	0.88	ppb
Barium	137-1	2437.51	2495.91	2464.94	2466.12	1.18	ppb
Beryllium	9-1	477.57	498.29	489.99	488.62	2.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.97	502.21	504.47	497.55	2.03	ppb
Cadmium	106-1	488.60	501.69	497.96	496.08	1.36	ppb
Cadmium	111-1	487.78	505.04	496.60	496.47	1.74	ppb
Calcium	43-1	49942.82	51160.67	50090.43	50397.98	1.32	ppb
Calcium	44-1	49131.31	50957.82	50173.74	50087.62	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.69	503.30	498.39	500.46	0.51	ppb
Cobalt	59-2	502.47	510.35	495.28	502.70	1.50	ppb
Copper	63-2	5043.89	5077.08	5035.13	5052.03	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	26325.26	26186.37	26272.54	26261.39	0.27	ppb
Iron	57-2	26370.95	26661.28	26119.37	26383.86	1.03	ppb
Iron	54-2	26400.65	26643.31	26695.21	26579.72	0.59	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2406.16	2451.66	2455.33	2437.72	1.12	ppb
Lead	207-1	2381.39	2458.38	2455.00	2431.59	1.79	ppb
Lead	208-1	2389.10	2459.48	2461.86	2436.81	1.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	52160.18	52341.43	51970.66	52157.42	0.36	ppb
Manganese	55-2	4991.08	5007.74	4998.64	4999.15	0.17	ppb
Molybdenum	94-1	4801.64	5039.88	4995.11	4945.54	2.56	ppb
Molybdenum	95-1	4793.61	5002.10	5009.91	4935.21	2.49	ppb
Molybdenum	96-1	4814.06	5009.98	4978.93	4934.32	2.13	ppb
Molybdenum	97-1	4823.88	5052.52	4949.44	4941.95	2.32	ppb
Molybdenum	98-1	4806.64	5022.87	5022.79	4950.77	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.20	502.24	497.46	498.96	0.57	ppb
Phosphorus	31-2	10091.57	10071.54	10103.52	10088.88	0.16	ppb
Potassium	39-2	25301.36	25707.49	25313.89	25440.91	0.91	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	488.36	510.15	505.09	501.20	2.28	ppb
Selenium	77-2	503.61	498.03	490.22	497.29	1.35	ppb
Selenium	78-2	492.19	503.36	503.99	499.85	1.33	ppb
Silicon	28-1	501.69	515.52	513.25	510.15	1.45	ppb
Silver	107-1	488.84	501.91	495.69	495.48	1.32	ppb
Silver	109-1	489.07	504.45	504.85	499.45	1.80	ppb
Sodium	23-2	52481.14	53368.59	52644.18	52831.30	0.89	ppb
Strontium	86-1	474.14	498.94	498.57	490.55	2.90	ppb
Strontium	88-1	475.33	494.22	497.87	489.14	2.47	ppb
Sulfur	34-1	9093.63	9362.47	9399.15	9285.08	1.80	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	479.44	493.88	490.73	488.02	1.56	ppb
Thallium	205-1	479.53	489.47	488.80	485.93	1.14	ppb
Tin	118-1	485.05	496.75	495.71	492.50	1.32	ppb
Titanium	47-1	4909.61	4952.89	5017.68	4960.06	1.10	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	479.82	486.89	491.92	486.21	1.25	ppb
Vanadium	51-2	497.74	497.52	498.82	498.03	0.14	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	5011.35	5067.32	5036.52	5038.40	0.56	ppb
Zirconium	90-1	479.71	499.59	497.20	492.16	2.21	ppb
Zirconium	91-1	479.78	502.23	493.77	491.93	2.30	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20307.25	20367.88	20389.92	20355.02	0.21	ppb
Antimony	121-1	991.40	1015.99	1001.10	1002.83	1.24	ppb
Arsenic	75-2	1006.15	1000.82	1001.20	1002.72	0.30	ppb
Barium	135-1	4972.68	5135.43	4971.97	5026.69	1.87	ppb
Barium	137-1	4923.91	5117.70	5002.33	5014.65	1.94	ppb
Beryllium	9-1	1005.42	995.39	1019.28	1006.70	1.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	985.68	1013.42	995.54	998.21	1.41	ppb
Cadmium	106-1	990.48	1014.90	992.24	999.21	1.36	ppb
Cadmium	111-1	991.15	1018.38	984.69	998.07	1.79	ppb
Calcium	43-1	103309.11	104026.42	103995.97	103777.17	0.39	ppb
Calcium	44-1	101110.04	102363.68	103811.19	102428.30	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989.81	999.36	1007.11	998.76	0.87	ppb
Cobalt	59-2	991.09	999.98	999.69	996.92	0.51	ppb
Copper	63-2	9950.29	10007.52	9908.94	9955.58	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	52144.90	52659.35	52404.96	52403.07	0.49	ppb
Iron	57-2	51422.66	52880.67	52310.18	52204.50	1.41	ppb
Iron	54-2	52074.65	53095.31	53207.59	52792.51	1.18	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5024.44	5038.01	5060.81	5041.09	0.36	ppb
Lead	207-1	5026.23	5024.10	5079.41	5043.24	0.62	ppb
Lead	208-1	5013.16	5048.73	5064.74	5042.21	0.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	101947.54	102965.50	102928.38	102613.80	0.56	ppb
Manganese	55-2	9891.60	10022.28	10074.83	9996.24	0.94	ppb
Molybdenum	94-1	10145.54	9923.66	10045.10	10038.10	1.11	ppb
Molybdenum	95-1	10072.20	9942.24	10109.25	10041.23	0.87	ppb
Molybdenum	96-1	10043.36	9985.12	10099.89	10042.79	0.57	ppb
Molybdenum	97-1	10036.67	9963.86	10120.16	10040.23	0.78	ppb
Molybdenum	98-1	9990.14	9912.81	10200.82	10034.59	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.90	990.89	1010.25	998.68	1.02	ppb
Phosphorus	31-2	19893.48	19995.58	19955.32	19948.12	0.26	ppb
Potassium	39-2	50350.98	50718.20	50836.13	50635.10	0.50	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	1001.51	993.04	998.08	997.54	0.43	ppb
Selenium	77-2	996.44	994.89	1010.83	1000.72	0.88	ppb
Selenium	78-2	1005.56	1005.10	988.87	999.84	0.95	ppb
Silicon	28-1	999.22	985.29	988.18	990.90	0.74	ppb
Silver	107-1	987.31	1016.41	994.15	999.29	1.52	ppb
Silver	109-1	991.35	1014.00	987.06	997.47	1.45	ppb
Sodium	23-2	103455.13	105488.62	105415.88	104786.54	1.10	ppb
Strontium	86-1	994.74	1000.67	1020.84	1005.42	1.36	ppb
Strontium	88-1	1001.49	1002.93	1016.09	1006.84	0.80	ppb
Sulfur	34-1	20161.11	20593.51	20757.86	20504.16	1.50	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	1007.88	1010.69	1005.79	1008.12	0.24	ppb
Thallium	205-1	1012.88	1010.02	1006.40	1009.77	0.32	ppb
Tin	118-1	988.58	1021.26	997.27	1002.37	1.69	ppb
Titanium	47-1	9984.75	9942.54	10166.04	10031.11	1.18	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1014.89	998.69	1019.58	1011.05	1.08	ppb
Vanadium	51-2	996.32	1002.67	1007.04	1002.01	0.54	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	9896.23	9946.37	10028.91	9957.17	0.67	ppb
Zirconium	90-1	1001.46	1006.51	1006.72	1004.89	0.30	ppb
Zirconium	91-1	1005.72	1000.45	1008.34	1004.84	0.40	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100266.17	99011.70	100392.50	99890.12	0.76	ppb
Antimony	121-1	0.51	0.55	0.50	0.52	4.25	ppb
Arsenic	75-2	0.49	0.62	0.58	0.57	12.20	ppb
Barium	135-1	2.30	2.37	2.26	2.31	2.26	ppb
Barium	137-1	2.43	2.36	2.35	2.38	1.93	ppb
Beryllium	9-1	0.20	0.21	0.17	0.19	11.47	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.44	0.43	0.45	5.25	ppb
Cadmium	106-1	-0.01	0.08	0.17	0.08	118.20	ppb
Cadmium	111-1	0.28	0.27	0.24	0.26	8.74	ppb
Calcium	43-1	501791.38	500080.79	495446.96	499106.38	0.66	ppb
Calcium	44-1	500344.98	501706.80	496465.53	499505.77	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.39	1.58	1.35	1.44	8.41	ppb
Cobalt	59-2	2.62	2.61	2.63	2.62	0.48	ppb
Copper	63-2	2.21	2.14	2.12	2.16	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	247254.40	250083.04	250703.99	249347.14	0.74	ppb
Iron	57-2	246397.14	249315.99	252386.86	249366.67	1.20	ppb
Iron	54-2	248512.25	247218.34	251934.89	249221.83	0.98	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.12	1.10	1.10	2.17	ppb
Lead	207-1	1.06	1.07	1.07	1.07	0.85	ppb
Lead	208-1	1.07	1.09	1.08	1.08	0.94	ppb
Lithium	6-1				94		%
Magnesium	24-2	499285.82	498065.18	500238.48	499196.49	0.22	ppb
Manganese	55-2	5.69	5.57	5.68	5.64	1.15	ppb
Molybdenum	94-1	3.03	2.90	2.99	2.97	2.27	ppb
Molybdenum	95-1	2.27	2.25	2.22	2.24	1.18	ppb
Molybdenum	96-1	3.65	3.58	3.47	3.57	2.54	ppb
Molybdenum	97-1	2.26	2.22	2.21	2.23	1.19	ppb
Molybdenum	98-1	2.20	2.14	2.09	2.14	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.74	2.74	2.79	2.75	1.14	ppb
Phosphorus	31-2	-6.70	-7.67	-8.17	-7.51		ppb
Potassium	39-2	248566.20	249651.66	251208.19	249808.68	0.53	ppb
Rhodium	103-1				82		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				94		%
Selenium	82-1	1.02	0.98	0.50	0.83	34.59	ppb
Selenium	77-2	0.18	0.28	0.18	0.21	27.76	ppb
Selenium	78-2	0.38	0.25	-0.15	0.16	175.72	ppb
Silicon	28-1	1.93	1.72	1.37	1.67	16.94	ppb
Silver	107-1	0.32	0.29	0.27	0.29	9.34	ppb
Silver	109-1	0.30	0.29	0.25	0.28	10.81	ppb
Sodium	23-2	499768.19	494298.35	501992.18	498686.24	0.79	ppb
Strontium	86-1	3.44	3.39	3.41	3.41	0.72	ppb
Strontium	88-1	3.36	3.40	3.45	3.40	1.25	ppb
Sulfur	34-1	-540.79	-411.62	-288.70	-413.70		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.18	0.16	0.13	0.16	17.23	ppb
Thallium	205-1	0.18	0.16	0.13	0.16	15.78	ppb
Tin	118-1	0.28	0.28	0.26	0.27	3.17	ppb
Titanium	47-1	1.68	1.73	1.64	1.68	2.86	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.14	0.15	3.77	ppb
Vanadium	51-2	0.34	0.33	0.33	0.33	1.17	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%
Zinc	66-2	2.89	2.77	2.91	2.86	2.65	ppb
Zirconium	90-1	0.60	0.62	0.60	0.61	2.16	ppb
Zirconium	91-1	0.58	0.55	0.56	0.57	3.07	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	546.19	551.86	549.87	549.31	0.52	ppb
Antimony	121-1	199.27	203.15	201.69	201.37	0.97	ppb
Arsenic	75-2	200.32	202.69	203.54	202.18	0.82	ppb
Barium	135-1	98.42	102.55	100.77	100.58	2.06	ppb
Barium	137-1	98.41	101.69	101.20	100.43	1.76	ppb
Beryllium	9-1	96.72	97.83	99.03	97.86	1.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	153.77	162.46	157.28	157.84	2.77	ppb
Cadmium	106-1	158.55	160.89	161.90	160.45	1.07	ppb
Cadmium	111-1	105.32	110.20	107.51	107.68	2.27	ppb
Calcium	43-1	2277.93	2307.61	2346.73	2310.76	1.49	ppb
Calcium	44-1	2043.31	2108.34	2109.41	2087.02	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.18	102.40	101.93	102.17	0.23	ppb
Cobalt	59-2	102.89	103.61	103.55	103.35	0.39	ppb
Copper	63-2	98.61	98.59	97.90	98.37	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				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	2073.24	2053.31	2058.71	2061.76	0.50	ppb
Iron	57-2	2137.11	2132.11	2150.39	2139.87	0.44	ppb
Iron	54-2	2229.04	2223.14	2229.18	2227.12	0.15	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	206.97	211.80	214.22	210.99	1.75	ppb
Lead	207-1	199.70	206.87	205.38	203.98	1.85	ppb
Lead	208-1	202.47	208.08	208.96	206.51	1.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	1141.89	1147.47	1155.38	1148.25	0.59	ppb
Manganese	55-2	100.01	100.10	100.17	100.09	0.08	ppb
Molybdenum	94-1	4881.58	5002.20	5078.41	4987.40	1.99	ppb
Molybdenum	95-1	4952.18	5054.94	5107.11	5038.07	1.56	ppb
Molybdenum	96-1	4908.03	5032.48	5084.91	5008.47	1.81	ppb
Molybdenum	97-1	4915.06	5016.90	5082.86	5004.94	1.69	ppb
Molybdenum	98-1	4929.50	5052.99	5026.91	5003.13	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.96	104.39	104.47	104.28	0.26	ppb
Phosphorus	31-2	-16.59	-17.02	-16.14	-16.58		ppb
Potassium	39-2	1992.66	1945.63	1933.80	1957.36	1.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	206.09	211.01	214.79	210.63	2.07	ppb
Selenium	77-2	197.46	211.09	205.19	204.58	3.34	ppb
Selenium	78-2	211.83	210.19	206.34	209.46	1.34	ppb
Silicon	28-1	86.18	92.64	95.43	91.42	5.19	ppb
Silver	107-1	50.98	52.90	52.45	52.11	1.93	ppb
Silver	109-1	50.31	52.58	51.62	51.50	2.21	ppb
Sodium	23-2	2050.35	2078.75	2038.40	2055.83	1.01	ppb
Strontium	86-1	491.59	498.42	498.36	496.12	0.79	ppb
Strontium	88-1	485.23	495.49	497.65	492.79	1.35	ppb
Sulfur	34-1	-227.12	-175.78	-145.02	-182.64		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	205.67	211.71	210.67	209.35	1.54	ppb
Thallium	205-1	202.99	210.71	211.92	208.54	2.32	ppb
Tin	118-1	496.22	512.94	501.70	503.62	1.69	ppb
Titanium	47-1	4909.06	5038.41	5074.98	5007.48	1.74	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	485.54	500.56	497.74	494.61	1.61	ppb
Vanadium	51-2	97.01	97.12	96.90	97.01	0.11	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	206.48	207.49	208.10	207.35	0.39	ppb
Zirconium	90-1	475.23	481.80	485.25	480.76	1.06	ppb
Zirconium	91-1	480.01	487.80	496.31	488.04	1.67	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.45	19.62	19.85	19.98	2.15	ppb
Antimony	121-1	2.07	2.10	2.15	2.11	2.07	ppb
Arsenic	75-2	1.05	1.05	1.14	1.08	4.76	ppb
Barium	135-1	9.90	10.07	9.93	9.97	0.88	ppb
Barium	137-1	9.97	9.98	10.15	10.04	1.00	ppb
Beryllium	9-1	1.01	1.12	1.00	1.04	6.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	1.11	0.86	0.98	12.73	ppb
Cadmium	106-1	0.26	0.02	0.17	0.15	81.64	ppb
Cadmium	111-1	1.12	1.17	1.14	1.15	2.13	ppb
Calcium	43-1	528.81	524.45	534.01	529.09	0.90	ppb
Calcium	44-1	518.06	520.84	535.05	524.65	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.03	2.01	2.02	0.74	ppb
Cobalt	59-2	1.07	1.11	1.05	1.08	2.89	ppb
Copper	63-2	1.99	1.99	2.00	1.99	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	55.29	55.37	55.57	55.41	0.26	ppb
Iron	57-2	54.86	55.47	56.12	55.49	1.13	ppb
Iron	54-2	57.43	56.74	57.48	57.22	0.72	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.02	1.04	1.04	1.04	1.04	ppb
Lead	207-1	1.01	1.05	1.00	1.02	2.47	ppb
Lead	208-1	1.02	1.05	1.03	1.03	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	509.66	516.00	513.71	513.13	0.63	ppb
Manganese	55-2	0.96	1.01	0.99	0.99	2.34	ppb
Molybdenum	94-1	6.02	6.13	6.48	6.21	3.86	ppb
Molybdenum	95-1	5.14	5.30	5.71	5.38	5.46	ppb
Molybdenum	96-1	5.19	5.49	5.73	5.47	4.94	ppb
Molybdenum	97-1	5.19	5.35	5.53	5.36	3.22	ppb
Molybdenum	98-1	5.11	5.35	5.57	5.34	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.99	1.00	1.01	3.16	ppb
Phosphorus	31-2	21.33	14.51	16.81	17.55	19.77	ppb
Potassium	39-2	524.15	528.31	527.32	526.59	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	5.25	5.22	4.96	5.14	3.11	ppb
Selenium	77-2	5.20	6.70	4.91	5.60	17.11	ppb
Selenium	78-2	5.27	4.84	4.64	4.92	6.52	ppb
Silicon	28-1	0.05	-0.03	0.27	0.10	157.60	ppb
Silver	107-1	1.06	1.05	1.06	1.06	0.25	ppb
Silver	109-1	1.03	1.06	1.08	1.06	2.36	ppb
Sodium	23-2	516.13	518.94	519.45	518.17	0.35	ppb
Strontium	86-1	1.00	1.03	1.11	1.05	5.45	ppb
Strontium	88-1	1.00	1.05	1.10	1.05	4.86	ppb
Sulfur	34-1	-191.39	-169.15	-177.19	-179.24		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.98	1.00	0.99	0.99	1.04	ppb
Thallium	205-1	0.96	1.01	0.99	0.99	2.76	ppb
Tin	118-1	5.06	5.22	5.10	5.13	1.59	ppb
Titanium	47-1	5.35	5.28	7.20	5.94	18.25	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.96	0.95	0.95	1.65	ppb
Vanadium	51-2	5.00	5.15	5.06	5.07	1.53	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	5.23	5.28	5.04	5.19	2.42	ppb
Zirconium	90-1	0.98	1.02	1.07	1.02	4.57	ppb
Zirconium	91-1	1.02	1.01	1.07	1.03	3.30	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.00	0.05	0.03	90.30	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	5.89	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	86.26	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	0.01	0.01	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	0.01	-0.01		ppb
Cadmium	106-1	-0.93	-0.83	-0.70	-0.82		ppb
Cadmium	111-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	-3.50	-2.05	-2.38	-2.65		ppb
Calcium	44-1	0.46	-0.54	-0.95	-0.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.01	-0.02	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	-0.32	-0.31	-0.36	-0.33		ppb
Iron	57-2	-1.26	-0.51	-0.81	-0.86		ppb
Iron	54-2	-0.46	-0.53	-0.27	-0.42		ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	7.85	ppb
Lead	207-1	0.01	0.02	0.02	0.02	53.54	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	-1.52	-1.42	-1.31	-1.42		ppb
Manganese	55-2	0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	10.08	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	9.26	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	24.20	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.01	51.24	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	13.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.03	-0.05		ppb
Phosphorus	31-2	-20.33	-16.87	-18.36	-18.52		ppb
Potassium	39-2	-5.62	-5.35	-3.97	-4.98		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	0.79	0.06	0.03	0.29	146.87	ppb
Selenium	77-2	0.07	0.07	0.07	0.07	0.85	ppb
Selenium	78-2	-0.47	-0.51	-0.26	-0.42		ppb
Silicon	28-1	-2.16	-1.95	-1.78	-1.97		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.23	ppb
Sodium	23-2	7.52	6.72	7.65	7.30	6.89	ppb
Strontium	86-1	0.00	0.01	0.02	0.01	89.82	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-230.29	-198.27	-142.36	-190.31		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.00	0.01	0.01	79.72	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	-0.08	-0.04	-0.07	-0.06		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	5.99	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	237.68	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86230.38	84775.83	86953.45	85986.55	1.29	ppb
Antimony	121-1	1.05	1.06	1.09	1.07	1.99	ppb
Arsenic	75-2	0.33	0.36	0.33	0.34	4.76	ppb
Barium	135-1	1.34	1.39	1.33	1.35	2.21	ppb
Barium	137-1	1.32	1.35	1.33	1.33	1.42	ppb
Beryllium	9-1	0.30	0.24	0.24	0.26	12.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.97	8.36	7.56	7.96	4.97	ppb
Cadmium	106-1	-1.96	-2.26	-1.82	-2.01		ppb
Cadmium	111-1	0.30	0.31	0.33	0.31	4.36	ppb
Calcium	43-1	93069.30	95162.47	93618.29	93950.02	1.16	ppb
Calcium	44-1	93049.27	95160.75	94172.29	94127.44	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.20	19.29	19.37	19.29	0.43	ppb
Cobalt	59-2	1.20	1.18	1.22	1.20	1.54	ppb
Copper	63-2	6.82	6.96	7.08	6.95	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	98919.38	99451.92	98620.33	98997.21	0.43	ppb
Iron	57-2	98310.78	98655.77	98998.23	98654.93	0.35	ppb
Iron	54-2	98950.48	98868.72	98609.37	98809.52	0.18	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.61	5.56	5.30	5.82	11.93	ppb
Lead	207-1	6.06	5.05	4.78	5.29	12.76	ppb
Lead	208-1	6.24	5.27	4.89	5.47	12.72	ppb
Lithium	6-1				88		%
Magnesium	24-2	88379.76	88839.85	90740.20	89319.94	1.40	ppb
Manganese	55-2	7.50	7.56	7.52	7.52	0.40	ppb
Molybdenum	94-1	1469.85	1476.04	1489.58	1478.49	0.68	ppb
Molybdenum	95-1	1796.03	1821.08	1810.54	1809.22	0.70	ppb
Molybdenum	96-1	1762.56	1769.70	1757.08	1763.11	0.36	ppb
Molybdenum	97-1	1790.73	1807.47	1791.17	1796.46	0.53	ppb
Molybdenum	98-1	1790.90	1806.39	1817.07	1804.79	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.16	5.14	5.21	1.91	ppb
Phosphorus	31-2	91939.54	90487.55	90075.69	90834.26	1.08	ppb
Potassium	39-2	93891.02	92951.46	93791.68	93544.72	0.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	-0.13	-0.39	-0.15	-0.22		ppb
Selenium	77-2	-0.03	0.07	0.76	0.26	163.59	ppb
Selenium	78-2	-0.12	0.37	-1.19	-0.31		ppb
Silicon	28-1	-0.66	-0.38	-0.51	-0.52		ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.23	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.30	ppb
Sodium	23-2	95178.20	95154.60	95221.51	95184.77	0.04	ppb
Strontium	86-1	32.20	32.17	32.14	32.17	0.10	ppb
Strontium	88-1	31.51	32.59	32.30	32.13	1.74	ppb
Sulfur	34-1	86262.93	88349.45	87264.81	87292.40	1.20	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.07	0.08	9.54	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	8.87	ppb
Tin	118-1	0.20	0.17	0.14	0.17	16.26	ppb
Titanium	47-1	1844.16	1875.59	1842.34	1854.03	1.01	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.21	ppb
Vanadium	51-2	0.18	0.18	0.20	0.19	6.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	10.79	10.22	10.69	10.57	2.85	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	7.39	ppb
Zirconium	91-1	0.08	0.08	0.07	0.08	5.63	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89101.88	89664.76	89406.06	89390.90	0.32	ppb
Antimony	121-1	20.50	20.67	21.04	20.73	1.34	ppb
Arsenic	75-2	20.17	19.49	19.79	19.82	1.71	ppb
Barium	135-1	20.37	20.54	21.18	20.70	2.08	ppb
Barium	137-1	20.40	20.72	21.13	20.75	1.76	ppb
Beryllium	9-1	18.95	19.16	19.04	19.05	0.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.91	23.65	25.32	24.30	3.69	ppb
Cadmium	106-1	15.02	15.39	15.74	15.38	2.35	ppb
Cadmium	111-1	19.47	19.80	20.05	19.77	1.49	ppb
Calcium	43-1	98090.84	98813.57	99574.08	98826.16	0.75	ppb
Calcium	44-1	98284.63	97781.62	98710.79	98259.01	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.52	40.03	39.78	39.77	0.64	ppb
Cobalt	59-2	20.87	21.37	21.07	21.10	1.19	ppb
Copper	63-2	25.58	25.90	25.85	25.78	0.66	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				113		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	103140.21	102861.12	102294.52	102765.29	0.42	ppb
Iron	57-2	100799.17	102351.61	102581.06	101910.62	0.95	ppb
Iron	54-2	102209.01	102850.97	101680.43	102246.80	0.57	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.90	25.32	25.40	25.54	1.22	ppb
Lead	207-1	24.32	23.93	24.22	24.16	0.84	ppb
Lead	208-1	24.73	24.27	24.35	24.45	1.00	ppb
Lithium	6-1				85		%
Magnesium	24-2	92542.57	92828.97	93781.49	93051.01	0.70	ppb
Manganese	55-2	26.88	27.00	26.88	26.92	0.26	ppb
Molybdenum	94-1	1506.63	1545.39	1550.95	1534.32	1.57	ppb
Molybdenum	95-1	1825.44	1882.07	1890.65	1866.05	1.90	ppb
Molybdenum	96-1	1792.12	1841.72	1844.23	1826.02	1.61	ppb
Molybdenum	97-1	1849.50	1873.39	1880.85	1867.91	0.88	ppb
Molybdenum	98-1	1838.90	1881.59	1884.14	1868.21	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	24.75	24.54	24.77	0.96	ppb
Phosphorus	31-2	95387.73	93637.97	95620.25	94881.98	1.14	ppb
Potassium	39-2	96955.92	97467.62	98513.38	97645.64	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	19.35	19.31	18.90	19.18	1.31	ppb
Selenium	77-2	20.70	17.39	18.46	18.85	8.95	ppb
Selenium	78-2	19.89	19.07	18.96	19.31	2.65	ppb
Silicon	28-1	-0.03	0.02	0.29	0.10	179.68	ppb
Silver	107-1	18.12	18.49	18.92	18.51	2.17	ppb
Silver	109-1	18.14	18.38	18.83	18.45	1.90	ppb
Sodium	23-2	97328.50	98018.23	97854.45	97733.72	0.37	ppb
Strontium	86-1	33.09	33.51	33.57	33.39	0.78	ppb
Strontium	88-1	32.43	33.24	33.76	33.14	2.01	ppb
Sulfur	34-1	88981.61	88442.54	90669.66	89364.60	1.30	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	19.89	19.93	20.02	19.95	0.34	ppb
Thallium	205-1	19.89	19.79	19.99	19.89	0.48	ppb
Tin	118-1	0.12	0.12	0.11	0.12	4.66	ppb
Titanium	47-1	1922.38	1957.16	1932.82	1937.45	0.92	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.01	9.95	ppb
Vanadium	51-2	19.52	19.47	19.40	19.46	0.31	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	30.53	30.72	30.90	30.72	0.61	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	7.41	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	18.73	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49541.48	49722.00	50080.86	49781.45	0.55	ppb
Antimony	121-1	518.67	541.25	534.56	531.49	2.18	ppb
Arsenic	75-2	528.52	532.72	531.13	530.79	0.40	ppb
Barium	135-1	2479.85	2577.02	2547.48	2534.78	1.97	ppb
Barium	137-1	2508.63	2574.02	2543.16	2541.94	1.29	ppb
Beryllium	9-1	481.08	488.63	483.33	484.35	0.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	509.37	522.48	519.09	516.98	1.32	ppb
Cadmium	106-1	506.29	518.84	515.80	513.64	1.27	ppb
Cadmium	111-1	509.28	527.04	527.59	521.30	2.00	ppb
Calcium	43-1	248920.63	256622.50	253241.90	252928.34	1.53	ppb
Calcium	44-1	248118.49	255722.84	252033.21	251958.18	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.18	514.60	514.98	511.92	0.97	ppb
Cobalt	59-2	533.01	538.04	541.53	537.53	0.80	ppb
Copper	63-2	5163.67	5160.42	5234.25	5186.11	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	128145.67	128041.31	130717.15	128968.04	1.18	ppb
Iron	57-2	128106.64	128600.35	128324.56	128343.85	0.19	ppb
Iron	54-2	126706.74	127678.32	129036.66	127807.24	0.92	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2554.63	2582.89	2607.63	2581.72	1.03	ppb
Lead	207-1	2540.40	2561.58	2579.65	2560.55	0.77	ppb
Lead	208-1	2531.39	2563.46	2594.75	2563.20	1.24	ppb
Lithium	6-1				85		%
Magnesium	24-2	249572.92	247320.70	249721.07	248871.56	0.54	ppb
Manganese	55-2	5040.48	5071.08	5123.93	5078.50	0.83	ppb
Molybdenum	94-1	4976.92	5111.64	5113.46	5067.34	1.55	ppb
Molybdenum	95-1	4996.93	5080.53	5124.84	5067.43	1.28	ppb
Molybdenum	96-1	5018.77	5072.29	5127.88	5072.98	1.08	ppb
Molybdenum	97-1	5015.77	5085.60	5119.17	5073.52	1.04	ppb
Molybdenum	98-1	5033.96	5101.70	5120.48	5085.38	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.85	530.60	535.82	528.09	1.75	ppb
Phosphorus	31-2	9677.67	9839.75	9907.09	9808.17	1.20	ppb
Potassium	39-2	125525.93	126229.20	127270.08	126341.74	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	503.04	511.19	511.00	508.41	0.91	ppb
Selenium	77-2	488.71	500.81	493.39	494.30	1.23	ppb
Selenium	78-2	500.29	501.02	503.80	501.70	0.37	ppb
Silicon	28-1	483.70	499.70	495.63	493.01	1.69	ppb
Silver	107-1	511.78	520.68	517.92	516.79	0.88	ppb
Silver	109-1	510.75	522.67	523.89	519.10	1.40	ppb
Sodium	23-2	246632.89	247230.01	247445.18	247102.69	0.17	ppb
Strontium	86-1	499.94	504.86	503.59	502.80	0.51	ppb
Strontium	88-1	501.57	501.49	507.12	503.39	0.64	ppb
Sulfur	34-1	8073.09	8518.06	8365.83	8318.99	2.72	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	513.26	515.78	522.28	517.11	0.90	ppb
Thallium	205-1	513.45	516.12	522.20	517.26	0.87	ppb
Tin	118-1	496.46	517.22	512.13	508.60	2.13	ppb
Titanium	47-1	4912.73	5057.21	5057.55	5009.16	1.67	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	508.75	519.06	527.97	518.59	1.85	ppb
Vanadium	51-2	508.09	509.61	520.57	512.76	1.33	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	5175.99	5137.05	5167.67	5160.24	0.40	ppb
Zirconium	90-1	502.97	515.03	511.60	509.86	1.22	ppb
Zirconium	91-1	502.07	509.68	515.64	509.13	1.34	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.10	7.88	6.55	7.18	9.33	ppb
Antimony	121-1	0.12	0.11	0.11	0.11	7.52	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	40.76	ppb
Barium	135-1	0.15	0.14	0.13	0.14	7.40	ppb
Barium	137-1	0.16	0.14	0.14	0.15	8.02	ppb
Beryllium	9-1	0.07	0.05	0.08	0.06	25.56	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	0.04	0.00	803.36	ppb
Cadmium	106-1	-1.62	-1.54	-1.59	-1.58		ppb
Cadmium	111-1	0.03	0.01	0.01	0.01	99.84	ppb
Calcium	43-1	19.43	19.38	15.90	18.24	11.10	ppb
Calcium	44-1	20.56	18.97	17.19	18.91	8.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.07	0.05	40.92	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	51.84	ppb
Copper	63-2	0.32	0.36	0.26	0.31	16.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	13.11	14.01	11.11	12.74	11.69	ppb
Iron	57-2	11.11	12.63	9.11	10.95	16.14	ppb
Iron	54-2	13.09	12.95	11.30	12.45	8.02	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.68	0.67	0.63	0.66	3.98	ppb
Lead	207-1	0.66	0.64	0.64	0.64	1.65	ppb
Lead	208-1	0.66	0.65	0.64	0.65	2.17	ppb
Lithium	6-1				92		%
Magnesium	24-2	15.12	16.03	12.68	14.61	11.87	ppb
Manganese	55-2	0.25	0.26	0.22	0.24	8.03	ppb
Molybdenum	94-1	0.50	0.43	0.44	0.46	8.07	ppb
Molybdenum	95-1	0.53	0.45	0.43	0.47	11.59	ppb
Molybdenum	96-1	0.50	0.42	0.42	0.45	9.68	ppb
Molybdenum	97-1	0.52	0.42	0.43	0.45	11.64	ppb
Molybdenum	98-1	0.50	0.43	0.44	0.46	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.02	-0.02		ppb
Phosphorus	31-2	-11.71	-13.51	-13.40	-12.87		ppb
Potassium	39-2	14.81	13.72	13.66	14.06	4.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.23	0.04	-0.23	0.01	1709.03	ppb
Selenium	77-2	-0.03	-0.03	0.16	0.03	355.72	ppb
Selenium	78-2	0.26	0.22	-0.54	-0.02		ppb
Silicon	28-1	-2.68	-2.09	-2.54	-2.44		ppb
Silver	107-1	0.10	0.08	0.08	0.09	11.54	ppb
Silver	109-1	0.10	0.08	0.07	0.08	14.38	ppb
Sodium	23-2	39.83	40.52	37.37	39.24	4.22	ppb
Strontium	86-1	0.04	0.07	0.04	0.05	33.11	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	10.61	ppb
Sulfur	34-1	-636.99	-510.29	-590.07	-579.12		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.14	0.14	0.15	4.27	ppb
Thallium	205-1	0.15	0.14	0.15	0.15	3.34	ppb
Tin	118-1	0.04	0.03	0.03	0.04	14.90	ppb
Titanium	47-1	0.44	0.41	0.42	0.42	3.75	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	10.77	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	8.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.30	0.39	0.37	0.35	13.07	ppb
Zirconium	90-1	0.05	0.04	0.04	0.05	8.64	ppb
Zirconium	91-1	0.07	0.04	0.04	0.05	25.93	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.56	22.03	20.50	21.36	3.65	ppb
Antimony	121-1	2.10	2.15	2.17	2.14	1.72	ppb
Arsenic	75-2	1.14	1.03	1.10	1.09	5.07	ppb
Barium	135-1	9.88	10.17	10.21	10.09	1.78	ppb
Barium	137-1	10.10	10.26	10.33	10.23	1.16	ppb
Beryllium	9-1	1.11	1.12	1.07	1.10	2.46	ppb
Bismuth	209-1				115		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.00	1.23	1.09	11.37	ppb
Cadmium	106-1	-0.62	-0.55	-0.46	-0.54		ppb
Cadmium	111-1	1.08	1.09	1.09	1.09	0.53	ppb
Calcium	43-1	532.73	541.91	546.84	540.49	1.33	ppb
Calcium	44-1	537.47	547.87	535.86	540.40	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.12	2.12	2.11	0.51	ppb
Cobalt	59-2	1.11	1.10	1.10	1.10	0.59	ppb
Copper	63-2	2.12	2.12	2.09	2.11	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	59.97	59.96	58.61	59.51	1.31	ppb
Iron	57-2	60.53	60.34	58.66	59.84	1.72	ppb
Iron	54-2	61.04	60.16	59.77	60.32	1.08	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.21	1.24	1.21	1.22	1.18	ppb
Lead	207-1	1.22	1.24	1.24	1.23	1.07	ppb
Lead	208-1	1.20	1.24	1.23	1.22	1.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	500.47	503.74	497.66	500.63	0.61	ppb
Manganese	55-2	1.04	1.04	1.03	1.04	0.49	ppb
Molybdenum	94-1	5.79	6.02	5.99	5.93	2.10	ppb
Molybdenum	95-1	5.05	5.14	5.10	5.10	0.81	ppb
Molybdenum	96-1	4.98	5.24	5.16	5.13	2.60	ppb
Molybdenum	97-1	4.99	5.01	5.12	5.04	1.44	ppb
Molybdenum	98-1	5.07	5.10	5.11	5.09	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.03	0.99	1.00	2.60	ppb
Phosphorus	31-2	7.72	12.44	17.36	12.51	38.55	ppb
Potassium	39-2	528.68	529.10	528.89	528.89	0.04	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	5.11	5.34	5.06	5.17	2.92	ppb
Selenium	77-2	5.62	4.81	6.02	5.48	11.28	ppb
Selenium	78-2	4.82	4.15	5.13	4.70	10.70	ppb
Silicon	28-1	-1.54	-1.40	-1.78	-1.58		ppb
Silver	107-1	1.04	1.09	1.08	1.07	2.26	ppb
Silver	109-1	1.03	1.04	1.08	1.05	2.57	ppb
Sodium	23-2	515.50	515.26	508.97	513.24	0.72	ppb
Strontium	86-1	1.01	1.08	1.04	1.04	3.15	ppb
Strontium	88-1	1.00	1.02	1.03	1.02	1.73	ppb
Sulfur	34-1	-400.85	-374.43	-438.42	-404.56		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	1.09	1.14	1.11	1.11	2.06	ppb
Thallium	205-1	1.10	1.13	1.13	1.12	1.46	ppb
Tin	118-1	5.15	5.24	5.27	5.22	1.17	ppb
Titanium	47-1	5.14	5.09	5.03	5.09	1.03	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.92	0.91	1.32	ppb
Vanadium	51-2	5.05	5.12	5.08	5.09	0.61	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	5.30	5.14	5.01	5.15	2.85	ppb
Zirconium	90-1	0.98	1.01	1.00	1.00	1.78	ppb
Zirconium	91-1	0.97	1.02	0.99	0.99	2.65	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.22	3.40	2.98	3.53	17.93	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	5.26	ppb
Arsenic	75-2	0.00	0.03	-0.02	0.00	643.10	ppb
Barium	135-1	0.01	0.00	0.00	0.00	363.22	ppb
Barium	137-1	0.01	0.00	0.01	0.01	35.89	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	753.67	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.03	-0.04	-0.04		ppb
Cadmium	106-1	-1.17	-1.12	-0.82	-1.04		ppb
Cadmium	111-1	-0.02	-0.03	-0.01	-0.02		ppb
Calcium	43-1	-4.14	-5.37	-4.67	-4.73		ppb
Calcium	44-1	-2.81	-3.99	-4.32	-3.71		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.00	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.06	0.06	0.07	31.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	5.53	4.84	4.22	4.86	13.53	ppb
Iron	57-2	4.32	3.87	3.83	4.01	6.67	ppb
Iron	54-2	5.21	5.19	2.86	4.42	30.56	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.17	0.15	0.16	5.69	ppb
Lead	207-1	0.16	0.17	0.14	0.16	8.29	ppb
Lead	208-1	0.17	0.16	0.15	0.16	3.92	ppb
Lithium	6-1				94		%
Magnesium	24-2	5.06	3.64	3.35	4.01	22.76	ppb
Manganese	55-2	0.05	0.05	0.03	0.04	28.89	ppb
Molybdenum	94-1	0.11	0.08	0.08	0.09	20.90	ppb
Molybdenum	95-1	0.12	0.08	0.08	0.09	21.05	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	7.76	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	9.62	ppb
Molybdenum	98-1	0.11	0.08	0.09	0.10	13.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	-0.07	-0.06		ppb
Phosphorus	31-2	-14.50	-15.16	-16.63	-15.43		ppb
Potassium	39-2	4.77	3.46	1.73	3.32	45.87	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.38	0.11	-0.11	0.13	195.93	ppb
Selenium	77-2	-0.03	0.06	-0.03	0.00		ppb
Selenium	78-2	-0.70	-0.68	0.08	-0.44		ppb
Silicon	28-1	-2.87	-2.36	-2.37	-2.54		ppb
Silver	107-1	0.02	0.02	0.01	0.02	11.80	ppb
Silver	109-1	0.02	0.01	0.02	0.02	20.65	ppb
Sodium	23-2	19.35	17.56	17.44	18.12	5.90	ppb
Strontium	86-1	0.01	-0.01	0.01	0.00	239.67	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-510.23	-403.65	-410.40	-441.43		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.15	0.15	0.15	3.76	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	2.49	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.09	0.11	0.09	0.10	9.59	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	26.26	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	44.94	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	-0.13	-0.19	-0.16	-0.16		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	56.23	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	45.19	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.56	42.22	42.45	42.41	0.41	ppb
Antimony	121-1	4.22	4.24	4.21	4.22	0.35	ppb
Arsenic	75-2	2.18	2.08	2.01	2.09	4.07	ppb
Barium	135-1	19.97	20.06	20.17	20.07	0.52	ppb
Barium	137-1	20.07	20.29	20.46	20.27	0.95	ppb
Beryllium	9-1	1.97	2.10	2.03	2.03	3.10	ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.73	1.72	1.74	0.98	ppb
Cadmium	106-1	1.35	0.86	0.98	1.06	24.02	ppb
Cadmium	111-1	1.80	1.92	1.83	1.85	3.40	ppb
Calcium	43-1	1026.18	1030.47	1032.68	1029.77	0.32	ppb
Calcium	44-1	1023.56	1038.27	1029.92	1030.58	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.31	4.16	4.27	4.25	1.84	ppb
Cobalt	59-2	2.07	2.12	2.16	2.12	2.04	ppb
Copper	63-2	4.41	4.45	4.43	4.43	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	438.58	438.76	439.31	438.88	0.09	ppb
Iron	57-2	455.44	456.82	451.44	454.57	0.61	ppb
Iron	54-2	456.85	455.80	456.52	456.39	0.12	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.21	2.12	2.16	2.18	ppb
Lead	207-1	2.11	2.11	2.10	2.11	0.24	ppb
Lead	208-1	2.12	2.17	2.12	2.13	1.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	996.99	1000.14	1007.26	1001.46	0.53	ppb
Manganese	55-2	2.08	2.13	2.07	2.10	1.64	ppb
Molybdenum	94-1	11.86	11.96	11.81	11.88	0.66	ppb
Molybdenum	95-1	10.19	10.12	10.01	10.11	0.88	ppb
Molybdenum	96-1	10.27	10.07	10.24	10.19	1.03	ppb
Molybdenum	97-1	10.03	10.25	10.00	10.09	1.34	ppb
Molybdenum	98-1	10.11	10.14	9.93	10.06	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.15	2.02	2.10	3.30	ppb
Phosphorus	31-2	-18.01	-13.26	-18.56	-16.61		ppb
Potassium	39-2	1069.42	1072.37	1080.41	1074.07	0.53	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	11.04	10.55	10.22	10.60	3.89	ppb
Selenium	77-2	9.18	12.27	9.86	10.44	15.60	ppb
Selenium	78-2	10.72	9.53	11.08	10.45	7.80	ppb
Silicon	28-1	0.86	1.04	1.04	0.98	10.39	ppb
Silver	107-1	2.10	2.12	2.13	2.12	0.68	ppb
Silver	109-1	2.06	2.11	2.13	2.10	1.81	ppb
Sodium	23-2	1018.08	1029.87	1034.81	1027.59	0.84	ppb
Strontium	86-1	1.98	2.10	1.99	2.02	3.14	ppb
Strontium	88-1	2.02	2.04	2.03	2.03	0.53	ppb
Sulfur	34-1	-297.15	-329.68	-301.98	-309.61		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	2.11	2.11	2.08	2.10	0.64	ppb
Thallium	205-1	2.09	2.15	2.09	2.11	1.60	ppb
Tin	118-1	0.03	0.01	0.02	0.02	38.12	ppb
Titanium	47-1	10.12	10.41	10.17	10.24	1.51	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.89	1.84	1.85	1.77	ppb
Vanadium	51-2	10.08	10.14	10.05	10.09	0.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	10.76	10.90	10.68	10.78	1.05	ppb
Zirconium	90-1	2.03	2.02	2.00	2.02	0.94	ppb
Zirconium	91-1	2.01	1.99	2.06	2.02	1.81	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	2.65	2.57	2.70	5.85	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	2.48	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.02	0.02	0.01	0.02	57.70	ppb
Barium	137-1	0.02	0.01	0.00	0.01	86.93	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	93.57	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-1.01	-0.71	-0.99	-0.90		ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	-0.60	0.64	-1.93	-0.63		ppb
Calcium	44-1	-1.35	-1.77	-4.06	-2.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.01	0.03	0.02	48.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	2.57	2.01	2.01	2.20	14.67	ppb
Iron	57-2	1.28	0.12	1.22	0.88	74.42	ppb
Iron	54-2	2.07	1.61	1.59	1.76	15.34	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.11	0.10	0.11	8.89	ppb
Lead	207-1	0.11	0.12	0.10	0.11	7.83	ppb
Lead	208-1	0.11	0.11	0.10	0.11	8.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.03	0.59	0.46	0.69	43.36	ppb
Manganese	55-2	0.00	0.00	-0.02	0.00		ppb
Molybdenum	94-1	0.13	0.12	0.10	0.11	11.97	ppb
Molybdenum	95-1	0.14	0.12	0.12	0.13	8.78	ppb
Molybdenum	96-1	0.12	0.11	0.08	0.10	21.55	ppb
Molybdenum	97-1	0.12	0.11	0.09	0.11	18.62	ppb
Molybdenum	98-1	0.13	0.13	0.10	0.12	14.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	-0.08	-0.05		ppb
Phosphorus	31-2	-17.29	-18.04	-17.05	-17.46		ppb
Potassium	39-2	2.20	1.35	1.96	1.83	23.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	-0.33	-0.10	-0.10	-0.18		ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	-0.74	-0.19	-0.40	-0.44		ppb
Silicon	28-1	-2.39	-2.25	-2.14	-2.26		ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.96	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.21	ppb
Sodium	23-2	13.46	12.94	13.27	13.22	1.99	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	43.15	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-300.93	-271.20	-242.58	-271.57		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.15	0.14	1.73	ppb
Thallium	205-1	0.15	0.16	0.16	0.15	3.96	ppb
Tin	118-1	0.02	0.00	0.01	0.01	74.45	ppb
Titanium	47-1	0.17	0.14	0.12	0.14	16.36	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	25.37	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	29.60	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	-0.18	-0.19	-0.16	-0.18		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.12	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	32.85	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.65	41.17	42.31	42.05	1.84	ppb
Antimony	121-1	4.10	4.23	4.32	4.22	2.63	ppb
Arsenic	75-2	2.16	2.07	2.30	2.18	5.31	ppb
Barium	135-1	19.73	20.41	20.45	20.20	1.99	ppb
Barium	137-1	19.95	20.23	20.73	20.30	1.93	ppb
Beryllium	9-1	1.87	2.11	2.03	2.01	5.93	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.86	1.90	1.77	10.91	ppb
Cadmium	106-1	1.23	1.47	0.46	1.05	49.88	ppb
Cadmium	111-1	1.79	1.84	1.84	1.82	1.58	ppb
Calcium	43-1	1008.29	1073.76	1044.94	1042.33	3.15	ppb
Calcium	44-1	999.01	1036.54	1042.35	1025.97	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.25	4.27	4.33	4.29	0.95	ppb
Cobalt	59-2	2.17	2.16	2.14	2.16	0.62	ppb
Copper	63-2	4.41	4.52	4.45	4.46	1.24	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				113		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	435.80	442.91	432.60	437.10	1.21	ppb
Iron	57-2	451.83	455.51	460.37	455.91	0.94	ppb
Iron	54-2	460.46	458.07	456.79	458.44	0.41	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.08	2.04	2.11	2.08	1.80	ppb
Lead	207-1	2.06	2.08	2.09	2.08	0.72	ppb
Lead	208-1	2.06	2.06	2.12	2.08	1.65	ppb
Lithium	6-1				96		%
Magnesium	24-2	1010.44	1010.62	1005.64	1008.90	0.28	ppb
Manganese	55-2	2.10	2.05	2.10	2.08	1.54	ppb
Molybdenum	94-1	11.75	11.91	11.96	11.87	0.92	ppb
Molybdenum	95-1	9.79	10.13	10.23	10.05	2.30	ppb
Molybdenum	96-1	9.98	10.33	10.15	10.15	1.72	ppb
Molybdenum	97-1	9.90	10.14	10.01	10.02	1.21	ppb
Molybdenum	98-1	9.89	10.10	10.09	10.03	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.10	2.16	2.12	1.56	ppb
Phosphorus	31-2	-18.50	-16.52	-15.15	-16.72		ppb
Potassium	39-2	1078.25	1082.03	1079.81	1080.03	0.18	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	10.44	10.73	10.65	10.61	1.42	ppb
Selenium	77-2	11.68	9.24	10.81	10.57	11.73	ppb
Selenium	78-2	10.73	10.79	10.10	10.54	3.62	ppb
Silicon	28-1	0.53	6.38	1.45	2.79	112.79	ppb
Silver	107-1	2.07	2.11	2.18	2.12	2.81	ppb
Silver	109-1	2.06	2.16	2.17	2.13	2.75	ppb
Sodium	23-2	1022.51	1046.65	1049.27	1039.48	1.42	ppb
Strontium	86-1	1.95	2.08	2.00	2.01	3.39	ppb
Strontium	88-1	1.98	2.06	2.05	2.03	2.18	ppb
Sulfur	34-1	-301.87	-195.93	-208.90	-235.57		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	2.04	2.10	2.10	2.08	1.77	ppb
Thallium	205-1	2.07	2.08	2.16	2.10	2.40	ppb
Tin	118-1	0.01	0.01	0.03	0.02	50.87	ppb
Titanium	47-1	9.73	10.32	10.16	10.07	3.01	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.81	1.84	1.87	1.84	1.64	ppb
Vanadium	51-2	10.12	10.21	10.17	10.17	0.45	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	10.99	11.01	11.29	11.09	1.51	ppb
Zirconium	90-1	2.00	2.03	2.08	2.03	1.99	ppb
Zirconium	91-1	1.96	2.04	2.01	2.00	2.04	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	1.55	0.98	1.22	24.44	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.23	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	26.68	ppb
Barium	135-1	0.01	0.02	0.02	0.02	25.21	ppb
Barium	137-1	0.02	0.03	0.02	0.03	17.27	ppb
Beryllium	9-1	-0.01	0.00	0.02	0.00	428.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	0.01	-0.76	-1.11	-0.62		ppb
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Calcium	43-1	2.49	2.69	0.63	1.94	58.86	ppb
Calcium	44-1	2.64	3.66	2.15	2.81	27.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	0.03	0.02	78.10	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.03	0.02	0.03	31.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	2.05	2.20	1.36	1.87	24.05	ppb
Iron	57-2	1.78	1.18	0.19	1.05	76.54	ppb
Iron	54-2	2.07	1.90	1.24	1.74	25.16	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.07	0.07	0.07	1.75	ppb
Lead	207-1	0.07	0.08	0.07	0.07	7.53	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.58	0.67	-0.08	0.39	105.22	ppb
Manganese	55-2	-0.01	0.02	0.02	0.01	162.09	ppb
Molybdenum	94-1	0.07	0.13	0.11	0.10	27.96	ppb
Molybdenum	95-1	0.08	0.11	0.10	0.10	16.68	ppb
Molybdenum	96-1	0.07	0.11	0.09	0.09	22.95	ppb
Molybdenum	97-1	0.07	0.11	0.08	0.09	22.96	ppb
Molybdenum	98-1	0.08	0.12	0.09	0.09	20.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-20.28	-18.87	-23.21	-20.78		ppb
Potassium	39-2	1.96	3.14	1.81	2.30	31.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	-0.28	-0.03	-0.47	-0.26		ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.16	-0.22	1.03	0.32	198.15	ppb
Silicon	28-1	-2.70	-2.45	-2.48	-2.55		ppb
Silver	107-1	0.01	0.02	0.01	0.02	13.43	ppb
Silver	109-1	0.02	0.03	0.01	0.02	44.99	ppb
Sodium	23-2	10.25	10.16	8.97	9.79	7.31	ppb
Strontium	86-1	0.01	0.02	0.01	0.01	63.48	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.66	ppb
Sulfur	34-1	-162.54	-160.51	-218.31	-180.45		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.14	0.13	0.13	1.51	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	1.84	ppb
Tin	118-1	0.01	0.00	0.03	0.01	133.19	ppb
Titanium	47-1	0.06	0.07	0.09	0.08	17.07	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.01	39.56	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	53.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.11	0.12	0.09	0.11	14.31	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	38.29	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	36.37	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9969.13	9893.53	9896.00	9919.55	0.43	ppb
Antimony	121-1	497.31	496.18	512.29	501.93	1.79	ppb
Arsenic	75-2	497.82	493.09	483.76	491.56	1.46	ppb
Barium	135-1	2455.44	2461.22	2554.42	2490.36	2.23	ppb
Barium	137-1	2418.46	2478.44	2536.29	2477.73	2.38	ppb
Beryllium	9-1	481.25	472.69	486.48	480.14	1.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.86	501.50	509.43	502.26	1.36	ppb
Cadmium	106-1	491.63	500.21	513.19	501.68	2.16	ppb
Cadmium	111-1	499.35	500.46	518.23	506.01	2.09	ppb
Calcium	43-1	51032.57	51044.82	50748.85	50942.08	0.33	ppb
Calcium	44-1	49554.58	50043.00	50498.52	50032.03	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.15	495.03	495.27	499.48	1.50	ppb
Cobalt	59-2	508.60	504.04	499.95	504.20	0.86	ppb
Copper	63-2	5102.91	5038.82	4985.55	5042.42	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	26531.21	25920.21	26361.01	26270.81	1.20	ppb
Iron	57-2	26422.30	26247.11	26000.29	26223.23	0.81	ppb
Iron	54-2	26947.00	26416.24	26471.15	26611.46	1.10	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2490.83	2484.82	2432.35	2469.33	1.30	ppb
Lead	207-1	2449.37	2462.49	2420.78	2444.21	0.87	ppb
Lead	208-1	2449.00	2456.56	2422.39	2442.65	0.73	ppb
Lithium	6-1				93		%
Magnesium	24-2	52027.92	50719.96	50680.43	51142.77	1.50	ppb
Manganese	55-2	5036.45	4978.01	4955.90	4990.12	0.83	ppb
Molybdenum	94-1	4878.77	4923.20	4898.75	4900.24	0.45	ppb
Molybdenum	95-1	4869.30	4950.38	4914.16	4911.28	0.83	ppb
Molybdenum	96-1	4861.08	4920.32	4903.20	4894.86	0.62	ppb
Molybdenum	97-1	4862.68	4927.87	4898.17	4896.24	0.67	ppb
Molybdenum	98-1	4885.41	4935.33	4938.09	4919.61	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.65	498.79	495.39	503.61	2.27	ppb
Phosphorus	31-2	9793.28	9683.93	9678.98	9718.73	0.66	ppb
Potassium	39-2	25174.64	25066.89	25073.38	25104.97	0.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	496.68	495.26	498.45	496.80	0.32	ppb
Selenium	77-2	487.97	475.97	480.47	481.47	1.26	ppb
Selenium	78-2	497.57	486.51	482.65	488.91	1.58	ppb
Silicon	28-1	479.44	479.21	480.25	479.63	0.11	ppb
Silver	107-1	497.77	503.61	513.90	505.09	1.62	ppb
Silver	109-1	496.20	502.25	514.66	504.37	1.87	ppb
Sodium	23-2	52113.42	51280.40	51553.14	51648.99	0.82	ppb
Strontium	86-1	482.45	490.34	492.36	488.38	1.07	ppb
Strontium	88-1	483.83	487.43	492.37	487.88	0.88	ppb
Sulfur	34-1	8758.80	8798.01	8751.03	8769.28	0.29	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	497.59	496.91	485.29	493.26	1.40	ppb
Thallium	205-1	495.60	496.48	483.78	491.95	1.44	ppb
Tin	118-1	505.20	503.64	513.23	507.36	1.01	ppb
Titanium	47-1	4794.88	4916.51	4934.12	4881.84	1.55	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	469.84	480.37	478.89	476.37	1.20	ppb
Vanadium	51-2	501.76	490.42	490.56	494.24	1.32	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	5096.87	5037.24	5063.98	5066.03	0.59	ppb
Zirconium	90-1	485.31	491.17	492.89	489.79	0.81	ppb
Zirconium	91-1	483.56	491.59	489.79	488.31	0.86	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1654.96	1655.85	1640.89	1650.57	0.51	ppb
Antimony	121-1	25.36	26.30	25.60	25.75	1.89	ppb
Arsenic	75-2	27.31	26.28	26.68	26.76	1.94	ppb
Barium	135-1	2999.17	3119.15	3074.12	3064.15	1.98	ppb
Barium	137-1	3007.37	3131.76	3057.40	3065.51	2.04	ppb
Beryllium	9-1	32.19	32.32	31.96	32.16	0.56	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	69.12	73.17	72.84	71.71	3.14	ppb
Cadmium	106-1	66.47	69.05	67.76	67.76	1.90	ppb
Cadmium	111-1	80.70	83.57	81.90	82.06	1.75	ppb
Calcium	43-1	14.26	11.70	11.39	12.45	12.64	ppb
Calcium	44-1	12.55	10.37	8.41	10.44	19.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.18	190.41	187.28	188.62	0.86	ppb
Cobalt	59-2	0.52	0.51	0.51	0.51	1.17	ppb
Copper	63-2	3028.98	3025.72	3040.66	3031.79	0.26	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				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	2613.14	2605.18	2600.19	2606.17	0.25	ppb
Iron	57-2	2677.60	2663.49	2691.52	2677.53	0.52	ppb
Iron	54-2	2813.47	2820.91	2847.19	2827.19	0.63	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	152.62	156.35	157.54	155.50	1.65	ppb
Lead	207-1	147.25	148.19	149.85	148.43	0.89	ppb
Lead	208-1	149.37	150.86	151.92	150.72	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	7.38	5.82	5.60	6.26	15.50	ppb
Manganese	55-2	902.59	901.58	909.94	904.70	0.50	ppb
Molybdenum	94-1	100.23	103.14	103.45	102.27	1.73	ppb
Molybdenum	95-1	122.28	124.32	125.71	124.11	1.39	ppb
Molybdenum	96-1	119.15	122.65	122.99	121.60	1.75	ppb
Molybdenum	97-1	122.13	125.20	126.12	124.48	1.68	ppb
Molybdenum	98-1	122.69	124.78	125.30	124.26	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	969.18	957.74	966.03	964.32	0.61	ppb
Phosphorus	31-2	-16.33	-19.16	-17.48	-17.66		ppb
Potassium	39-2	12.16	11.76	12.24	12.05	2.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	141.08	142.99	144.46	142.85	1.19	ppb
Selenium	77-2	144.95	138.83	137.94	140.57	2.72	ppb
Selenium	78-2	136.87	140.76	137.42	138.35	1.52	ppb
Silicon	28-1	23.28	22.82	22.19	22.76	2.40	ppb
Silver	107-1	185.64	194.86	189.02	189.84	2.46	ppb
Silver	109-1	183.94	191.95	188.63	188.17	2.14	ppb
Sodium	23-2	44.10	42.86	43.11	43.36	1.51	ppb
Strontium	86-1	0.11	0.09	0.09	0.09	11.22	ppb
Strontium	88-1	0.10	0.11	0.10	0.10	3.77	ppb
Sulfur	34-1	-618.03	-704.34	-772.66	-698.34		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	14.47	14.67	14.73	14.62	0.96	ppb
Thallium	205-1	14.34	14.58	14.71	14.54	1.28	ppb
Tin	118-1	0.04	0.03	0.02	0.03	29.31	ppb
Titanium	47-1	0.40	0.45	0.32	0.39	16.82	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	17.07	ppb
Vanadium	51-2	1124.72	1133.92	1145.20	1134.61	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	875.95	885.79	874.71	878.82	0.69	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	1.29	ppb
Zirconium	91-1	0.11	0.13	0.10	0.11	12.48	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	823.34	824.60	814.79	820.91	0.65	ppb
Antimony	121-1	12.73	12.88	12.94	12.85	0.83	ppb
Arsenic	75-2	13.64	13.29	13.27	13.40	1.57	ppb
Barium	135-1	1514.25	1526.84	1542.38	1527.82	0.92	ppb
Barium	137-1	1525.09	1541.88	1535.94	1534.30	0.55	ppb
Beryllium	9-1	15.64	15.72	16.55	15.97	3.16	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.45	36.01	35.57	35.68	0.81	ppb
Cadmium	106-1	32.83	34.57	34.29	33.90	2.76	ppb
Cadmium	111-1	40.41	40.75	41.69	40.95	1.62	ppb
Calcium	43-1	14.06	12.47	10.01	12.18	16.76	ppb
Calcium	44-1	12.12	10.72	11.61	11.48	6.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.74	94.45	95.24	95.14	0.68	ppb
Cobalt	59-2	0.25	0.24	0.23	0.24	3.41	ppb
Copper	63-2	1520.40	1515.08	1503.20	1512.89	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				110		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	1299.07	1280.48	1275.99	1285.18	0.95	ppb
Iron	57-2	1336.09	1340.45	1315.34	1330.63	1.01	ppb
Iron	54-2	1414.99	1405.39	1398.65	1406.34	0.58	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.35	78.83	79.29	78.82	0.59	ppb
Lead	207-1	74.15	73.91	74.66	74.24	0.52	ppb
Lead	208-1	76.10	76.26	75.89	76.08	0.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.73	3.52	1.86	2.37	42.18	ppb
Manganese	55-2	451.36	438.26	445.97	445.19	1.48	ppb
Molybdenum	94-1	50.85	51.99	51.13	51.32	1.16	ppb
Molybdenum	95-1	61.96	62.50	61.53	62.00	0.79	ppb
Molybdenum	96-1	60.81	61.40	60.91	61.04	0.51	ppb
Molybdenum	97-1	62.04	62.81	61.80	62.22	0.85	ppb
Molybdenum	98-1	61.92	63.18	62.15	62.42	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.62	473.47	467.89	471.33	0.64	ppb
Phosphorus	31-2	-19.27	-16.35	-15.92	-17.18		ppb
Potassium	39-2	4.26	4.85	2.70	3.94	28.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	70.90	71.85	69.90	70.88	1.38	ppb
Selenium	77-2	67.35	73.39	70.06	70.26	4.31	ppb
Selenium	78-2	69.11	68.35	67.53	68.33	1.16	ppb
Silicon	28-1	12.12	11.72	11.54	11.80	2.51	ppb
Silver	107-1	93.83	93.35	96.18	94.45	1.60	ppb
Silver	109-1	93.32	94.85	94.80	94.32	0.92	ppb
Sodium	23-2	38.85	38.53	36.59	37.99	3.23	ppb
Strontium	86-1	0.05	0.06	0.07	0.06	21.05	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	0.88	ppb
Sulfur	34-1	-773.56	-777.18	-809.49	-786.75		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	7.29	7.30	7.32	7.31	0.22	ppb
Thallium	205-1	7.28	7.32	7.39	7.33	0.76	ppb
Tin	118-1	0.01	0.01	0.03	0.02	48.27	ppb
Titanium	47-1	0.28	0.30	0.38	0.32	16.66	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	9.25	ppb
Vanadium	51-2	577.78	561.95	562.11	567.28	1.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	433.56	433.35	429.26	432.06	0.56	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	2.73	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	14.61	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15097.68	15467.24	15210.45	15258.46	1.24	ppb
Antimony	121-1	148.29	155.45	158.79	154.17	3.48	ppb
Arsenic	75-2	454.18	451.03	453.39	452.87	0.36	ppb
Barium	135-1	902.55	933.61	946.36	927.51	2.43	ppb
Barium	137-1	888.85	934.00	944.28	922.38	3.20	ppb
Beryllium	9-1	346.50	348.36	345.70	346.86	0.39	ppb
Bismuth	209-1				118		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	241.26	249.02	250.84	247.04	2.06	ppb
Cadmium	106-1	235.77	248.35	250.88	245.00	3.30	ppb
Cadmium	111-1	274.91	285.28	292.10	284.10	3.05	ppb
Calcium	43-1	14188.53	14624.77	14908.60	14573.96	2.49	ppb
Calcium	44-1	13314.68	13748.91	14018.78	13694.12	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	614.60	623.90	607.64	615.38	1.33	ppb
Cobalt	59-2	446.78	445.33	445.19	445.77	0.20	ppb
Copper	63-2	316.11	314.21	310.80	313.70	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				116		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	19781.97	20054.70	19605.41	19814.02	1.14	ppb
Iron	57-2	19587.61	19709.43	19566.52	19621.19	0.39	ppb
Iron	54-2	20204.88	20478.67	19993.97	20225.84	1.20	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	370.83	382.98	399.91	384.57	3.80	ppb
Lead	207-1	357.48	365.45	378.34	367.09	2.87	ppb
Lead	208-1	361.01	369.51	385.74	372.09	3.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	4510.84	4641.71	4589.23	4580.59	1.44	ppb
Manganese	55-2	1054.38	1063.95	1038.95	1052.43	1.20	ppb
Molybdenum	94-1	113.55	118.17	118.88	116.87	2.48	ppb
Molybdenum	95-1	109.14	113.61	113.59	112.11	2.29	ppb
Molybdenum	96-1	109.03	113.92	115.31	112.76	2.93	ppb
Molybdenum	97-1	109.23	113.61	112.94	111.92	2.11	ppb
Molybdenum	98-1	108.72	114.69	113.02	112.14	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	292.19	296.08	292.18	293.48	0.77	ppb
Phosphorus	31-2	544.38	559.98	543.16	549.17	1.71	ppb
Potassium	39-2	3554.19	3560.41	3511.03	3541.88	0.76	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	249.20	255.36	256.54	253.70	1.55	ppb
Selenium	77-2	252.64	259.15	258.82	256.87	1.43	ppb
Selenium	78-2	244.95	246.50	249.06	246.84	0.84	ppb
Silicon	28-1	967.27	1001.17	1002.79	990.41	2.03	ppb
Silver	107-1	124.28	127.91	131.92	128.04	2.98	ppb
Silver	109-1	124.04	128.28	130.62	127.65	2.61	ppb
Sodium	23-2	1212.34	1223.81	1208.51	1214.88	0.66	ppb
Strontium	86-1	510.68	527.74	534.38	524.27	2.33	ppb
Strontium	88-1	509.25	533.06	531.25	524.52	2.53	ppb
Sulfur	34-1	-917.59	-923.58	-951.72	-930.96		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	421.90	434.55	449.63	435.36	3.19	ppb
Thallium	205-1	422.00	433.59	447.97	434.52	3.00	ppb
Tin	118-1	239.65	245.58	254.12	246.45	2.95	ppb
Titanium	47-1	586.82	618.87	621.00	608.90	3.15	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	402.90	418.23	435.13	418.75	3.85	ppb
Vanadium	51-2	299.50	298.80	295.74	298.01	0.67	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	989.56	1016.38	992.84	999.60	1.46	ppb
Zirconium	90-1	13.59	14.27	14.24	14.03	2.72	ppb
Zirconium	91-1	13.76	14.46	14.40	14.21	2.71	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49665.66	50073.45	49650.08	49796.39	0.48	ppb
Antimony	121-1	518.08	525.75	525.58	523.14	0.84	ppb
Arsenic	75-2	525.11	528.13	528.00	527.08	0.32	ppb
Barium	135-1	2486.88	2519.76	2504.76	2503.80	0.66	ppb
Barium	137-1	2460.45	2509.31	2500.87	2490.21	1.05	ppb
Beryllium	9-1	480.03	492.50	493.06	488.53	1.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.99	514.47	513.65	511.04	1.03	ppb
Cadmium	106-1	505.61	510.32	510.77	508.90	0.56	ppb
Cadmium	111-1	506.95	511.06	518.37	512.13	1.13	ppb
Calcium	43-1	251226.62	251722.03	246532.80	249827.15	1.15	ppb
Calcium	44-1	249249.46	246176.06	248351.58	247925.70	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.41	514.69	509.14	510.41	0.75	ppb
Cobalt	59-2	531.77	540.95	533.85	535.52	0.90	ppb
Copper	63-2	5102.01	5213.28	5097.65	5137.64	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	129253.30	128669.31	126195.47	128039.36	1.27	ppb
Iron	57-2	128125.03	128629.29	128281.88	128345.40	0.20	ppb
Iron	54-2	127424.54	129281.25	126569.82	127758.54	1.09	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2570.37	2552.79	2633.39	2585.51	1.64	ppb
Lead	207-1	2521.96	2522.67	2598.00	2547.54	1.72	ppb
Lead	208-1	2544.02	2536.52	2598.25	2559.60	1.32	ppb
Lithium	6-1				90		%
Magnesium	24-2	252689.74	257086.49	252872.25	254216.16	0.98	ppb
Manganese	55-2	5046.96	5079.23	4977.26	5034.49	1.04	ppb
Molybdenum	94-1	4985.10	5057.33	5110.80	5051.08	1.25	ppb
Molybdenum	95-1	4991.05	5025.59	5091.29	5035.98	1.01	ppb
Molybdenum	96-1	5033.72	5032.47	5036.19	5034.12	0.04	ppb
Molybdenum	97-1	5041.92	5075.51	5065.28	5060.91	0.34	ppb
Molybdenum	98-1	5080.92	5093.24	5112.66	5095.60	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.72	532.66	526.99	531.46	0.75	ppb
Phosphorus	31-2	9870.43	9978.85	9815.48	9888.25	0.84	ppb
Potassium	39-2	125736.74	125019.87	125190.40	125315.67	0.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	508.25	513.68	518.36	513.43	0.99	ppb
Selenium	77-2	498.80	497.00	507.20	501.00	1.09	ppb
Selenium	78-2	495.58	507.80	491.64	498.34	1.69	ppb
Silicon	28-1	504.28	498.46	506.35	503.03	0.81	ppb
Silver	107-1	502.51	514.11	512.18	509.60	1.22	ppb
Silver	109-1	501.04	508.17	509.22	506.15	0.88	ppb
Sodium	23-2	250034.64	254104.69	250553.90	251564.41	0.88	ppb
Strontium	86-1	499.28	511.86	501.47	504.20	1.33	ppb
Strontium	88-1	491.41	502.46	504.70	499.52	1.42	ppb
Sulfur	34-1	8626.40	8547.47	8575.88	8583.25	0.47	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	516.71	510.04	526.50	517.75	1.60	ppb
Thallium	205-1	513.49	512.86	522.48	516.28	1.04	ppb
Tin	118-1	504.71	503.13	501.18	503.01	0.35	ppb
Titanium	47-1	4981.42	4932.31	5006.31	4973.35	0.76	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.80	517.22	525.46	519.49	1.00	ppb
Vanadium	51-2	511.19	513.82	509.20	511.40	0.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	5076.62	5178.06	5071.12	5108.60	1.18	ppb
Zirconium	90-1	500.55	512.00	515.07	509.21	1.50	ppb
Zirconium	91-1	499.82	514.89	522.35	512.35	2.24	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	2.80	2.96	2.75	8.85	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.87	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	30.84	ppb
Barium	135-1	0.08	0.04	0.08	0.06	31.03	ppb
Barium	137-1	0.06	0.04	0.06	0.06	18.42	ppb
Beryllium	9-1	0.03	0.03	0.09	0.05	66.71	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-0.35	-1.40	-0.72	-0.82		ppb
Cadmium	111-1	0.01	-0.03	0.01	0.00		ppb
Calcium	43-1	2.08	3.77	55.02	20.29	148.30	ppb
Calcium	44-1	2.61	2.39	37.21	14.07	142.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.01	0.01	33.95	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.13	0.16	0.15	10.10	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				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	4.08	4.32	4.95	4.45	10.03	ppb
Iron	57-2	2.91	3.40	3.94	3.42	15.08	ppb
Iron	54-2	3.67	4.63	4.79	4.37	13.85	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.29	0.30	0.31	0.30	2.19	ppb
Lead	207-1	0.27	0.29	0.29	0.28	3.76	ppb
Lead	208-1	0.28	0.29	0.29	0.29	1.95	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.87	3.43	4.18	3.50	18.82	ppb
Manganese	55-2	0.09	0.09	0.10	0.09	1.42	ppb
Molybdenum	94-1	0.16	0.12	0.20	0.16	26.28	ppb
Molybdenum	95-1	0.15	0.13	0.20	0.16	25.51	ppb
Molybdenum	96-1	0.14	0.12	0.21	0.15	31.53	ppb
Molybdenum	97-1	0.15	0.09	0.16	0.13	26.13	ppb
Molybdenum	98-1	0.15	0.11	0.15	0.14	16.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.03	-0.04		ppb
Phosphorus	31-2	-15.82	-17.74	-17.92	-17.16		ppb
Potassium	39-2	2.74	2.40	4.43	3.19	33.99	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.37	-0.34	-0.15	-0.29		ppb
Selenium	77-2	0.16	-0.03	0.06	0.06	152.53	ppb
Selenium	78-2	-0.19	-0.14	-0.22	-0.18		ppb
Silicon	28-1	-3.64	-3.09	-2.81	-3.18		ppb
Silver	107-1	0.02	0.02	0.02	0.02	4.21	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.41	ppb
Sodium	23-2	17.14	17.38	18.06	17.53	2.74	ppb
Strontium	86-1	0.04	0.03	0.04	0.04	3.79	ppb
Strontium	88-1	0.01	0.01	0.03	0.02	69.09	ppb
Sulfur	34-1	-478.47	-338.54	-364.67	-393.89		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.16	0.17	0.17	2.75	ppb
Thallium	205-1	0.16	0.18	0.17	0.17	3.95	ppb
Tin	118-1	0.01	0.02	0.01	0.01	49.63	ppb
Titanium	47-1	0.13	0.09	0.80	0.34	117.19	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	28.05	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	22.55	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.14	0.16	0.23	0.18	26.70	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.63	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	13.11	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	122915.89	123062.61	121502.77	122493.76	0.70	ppb
Antimony	121-1	592.05	590.63	590.45	591.05	0.15	ppb
Arsenic	75-2	876.67	874.48	868.42	873.19	0.49	ppb
Barium	135-1	3683.36	3717.66	3683.82	3694.94	0.53	ppb
Barium	137-1	3683.87	3720.01	3696.72	3700.20	0.50	ppb
Beryllium	9-1	624.84	602.06	593.02	606.64	2.70	ppb
Bismuth	209-1				123		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	781.64	776.89	789.75	782.76	0.83	ppb
Cadmium	106-1	763.68	770.15	772.59	768.80	0.60	ppb
Cadmium	111-1	876.42	869.15	886.49	877.35	0.99	ppb
Calcium	43-1	67269.81	67375.66	68038.57	67561.35	0.62	ppb
Calcium	44-1	66415.49	66940.08	67008.03	66787.87	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3377.66	3393.83	3404.15	3391.88	0.39	ppb
Cobalt	59-2	1142.53	1137.53	1137.55	1139.20	0.25	ppb
Copper	63-2	3088.33	3128.22	3125.80	3114.12	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				129		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	56-2	145388.66	146204.47	145640.26	145744.46	0.29	ppb
Iron	57-2	144962.99	143351.99	145261.12	144525.37	0.71	ppb
Iron	54-2	147426.68	145982.20	147445.36	146951.41	0.57	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2320.13	2390.30	2389.64	2366.69	1.70	ppb
Lead	207-1	2269.88	2321.86	2296.92	2296.22	1.13	ppb
Lead	208-1	2293.87	2342.17	2339.04	2325.03	1.16	ppb
Lithium	6-1				229		%
Magnesium	24-2	81025.61	82333.54	80521.63	81293.59	1.15	ppb
Manganese	55-2	12173.09	12191.67	12144.26	12169.67	0.20	ppb
Molybdenum	94-1	1231.83	1245.66	1253.71	1243.73	0.89	ppb
Molybdenum	95-1	1270.00	1276.73	1290.07	1278.93	0.80	ppb
Molybdenum	96-1	1257.73	1280.92	1288.12	1275.59	1.24	ppb
Molybdenum	97-1	1254.89	1285.38	1298.89	1279.72	1.76	ppb
Molybdenum	98-1	1272.17	1291.40	1290.39	1284.66	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1100.94	1096.33	1104.25	1100.51	0.36	ppb
Phosphorus	31-2	6743.61	6857.85	6732.70	6778.05	1.02	ppb
Potassium	39-2	88428.37	88453.42	88547.65	88476.48	0.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	1821.87	1854.32	1875.96	1850.72	1.47	ppb
Selenium	77-2	1893.43	1855.07	1857.06	1868.52	1.16	ppb
Selenium	78-2	1846.07	1830.91	1814.89	1830.62	0.85	ppb
Silicon	28-1	4334.75	4190.62	4167.26	4230.88	2.14	ppb
Silver	107-1	365.15	364.41	367.70	365.75	0.47	ppb
Silver	109-1	363.66	365.58	369.66	366.30	0.84	ppb
Sodium	23-2	96374.94	97988.74	97517.42	97293.70	0.85	ppb
Strontium	86-1	2501.87	2529.27	2530.62	2520.59	0.64	ppb
Strontium	88-1	2513.12	2515.71	2560.26	2529.69	1.05	ppb
Sulfur	34-1	2158.68	2101.14	1991.46	2083.76	4.08	ppb
Terbium	159-1				126		%
Terbium	159-2				113		%
Thallium	203-1	2383.51	2422.20	2443.43	2416.38	1.26	ppb
Thallium	205-1	2373.92	2439.48	2425.61	2413.00	1.43	ppb
Tin	118-1	875.11	871.27	871.06	872.48	0.26	ppb
Titanium	47-1	4430.12	4485.23	4457.62	4457.66	0.62	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	422.91	432.94	435.19	430.35	1.52	ppb
Vanadium	51-2	2783.28	2797.59	2822.38	2801.08	0.71	ppb
Yttrium	89-1				154		%
Yttrium	89-2				138		%
Zinc	66-2	3549.38	3628.08	3576.70	3584.72	1.11	ppb
Zirconium	90-1	107.51	105.96	107.18	106.88	0.76	ppb
Zirconium	91-1	105.87	106.72	108.02	106.87	1.01	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27973.34	28102.03	27939.57	28004.98	0.31	ppb
Antimony	121-1	120.24	123.56	122.24	122.02	1.37	ppb
Arsenic	75-2	211.81	212.48	215.10	213.13	0.82	ppb
Barium	135-1	737.25	765.20	762.41	754.95	2.04	ppb
Barium	137-1	744.60	762.60	760.80	756.00	1.31	ppb
Beryllium	9-1	240.73	242.97	248.70	244.13	1.68	ppb
Bismuth	209-1				117		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	160.14	165.80	164.28	163.41	1.79	ppb
Cadmium	106-1	156.90	161.25	158.73	158.96	1.38	ppb
Cadmium	111-1	180.87	187.01	185.57	184.48	1.74	ppb
Calcium	43-1	15203.58	15945.72	15681.84	15610.38	2.41	ppb
Calcium	44-1	14250.25	14971.79	14736.84	14652.96	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	749.07	757.76	764.03	756.95	0.99	ppb
Cobalt	59-2	251.12	258.25	255.59	254.99	1.41	ppb
Copper	63-2	705.32	708.64	714.78	709.58	0.68	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				117		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	32512.73	32895.63	32832.05	32746.81	0.63	ppb
Iron	57-2	31866.83	32498.10	32251.45	32205.46	0.99	ppb
Iron	54-2	33114.28	33440.30	33264.20	33272.93	0.49	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	459.07	484.46	484.67	476.07	3.09	ppb
Lead	207-1	444.16	464.83	467.88	458.95	2.81	ppb
Lead	208-1	450.16	470.45	473.30	464.64	2.72	ppb
Lithium	6-1				113		%
Magnesium	24-2	18363.77	18372.97	18441.48	18392.74	0.23	ppb
Manganese	55-2	2683.33	2723.21	2707.89	2704.81	0.74	ppb
Molybdenum	94-1	306.86	318.68	315.97	313.84	1.97	ppb
Molybdenum	95-1	318.24	326.72	331.12	325.36	2.01	ppb
Molybdenum	96-1	316.04	323.30	325.64	321.66	1.56	ppb
Molybdenum	97-1	316.87	326.54	328.00	323.80	1.87	ppb
Molybdenum	98-1	315.63	328.00	331.17	324.93	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	244.43	249.14	248.21	247.26	1.01	ppb
Phosphorus	31-2	1457.02	1519.18	1494.57	1490.26	2.10	ppb
Potassium	39-2	19916.76	20227.53	20070.75	20071.68	0.77	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	432.12	450.19	447.65	443.32	2.21	ppb
Selenium	77-2	429.13	455.94	445.40	443.49	3.05	ppb
Selenium	78-2	427.18	426.85	436.85	430.29	1.32	ppb
Silicon	28-1	938.94	984.49	962.04	961.82	2.37	ppb
Silver	107-1	75.70	78.80	78.56	77.68	2.22	ppb
Silver	109-1	76.76	77.73	76.81	77.10	0.71	ppb
Sodium	23-2	21863.84	22435.54	21924.39	22074.59	1.42	ppb
Strontium	86-1	624.81	652.19	648.81	641.94	2.33	ppb
Strontium	88-1	622.45	646.09	643.69	637.41	2.04	ppb
Sulfur	34-1	-512.03	-477.45	-559.73	-516.40		ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	462.98	487.69	488.42	479.70	3.02	ppb
Thallium	205-1	460.57	487.08	493.30	480.31	3.62	ppb
Tin	118-1	180.62	185.49	182.46	182.85	1.34	ppb
Titanium	47-1	944.66	976.57	972.69	964.64	1.81	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	80.16	84.58	83.38	82.71	2.76	ppb
Vanadium	51-2	623.56	637.67	626.99	629.40	1.17	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	838.88	839.02	838.39	838.77	0.04	ppb
Zirconium	90-1	25.91	27.12	27.11	26.71	2.59	ppb
Zirconium	91-1	25.93	27.04	27.23	26.73	2.63	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110171.87	108481.81	108883.88	109179.19	0.81	ppb
Antimony	121-1	436.32	447.76	440.25	441.44	1.32	ppb
Arsenic	75-2	775.91	771.32	768.36	771.86	0.49	ppb
Barium	135-1	3193.83	3258.90	3241.03	3231.25	1.04	ppb
Barium	137-1	3155.59	3236.78	3212.63	3201.67	1.30	ppb
Beryllium	9-1	595.61	575.92	565.63	579.05	2.63	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	679.75	688.09	679.99	682.61	0.70	ppb
Cadmium	106-1	668.84	674.19	669.72	670.92	0.43	ppb
Cadmium	111-1	754.45	756.48	747.78	752.90	0.60	ppb
Calcium	43-1	61198.04	61723.19	62734.78	61885.34	1.26	ppb
Calcium	44-1	59938.13	59978.89	62155.15	60690.73	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3126.03	3036.76	3089.09	3083.96	1.45	ppb
Cobalt	59-2	1039.08	1021.48	1041.36	1033.97	1.05	ppb
Copper	63-2	2818.58	2799.07	2853.16	2823.60	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	132174.90	130417.16	130782.14	131124.74	0.71	ppb
Iron	57-2	131803.01	129673.49	130163.26	130546.59	0.85	ppb
Iron	54-2	134979.85	131418.27	133167.65	133188.59	1.34	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2108.89	2172.38	2157.83	2146.37	1.55	ppb
Lead	207-1	2025.65	2065.44	2080.57	2057.22	1.38	ppb
Lead	208-1	2062.53	2098.31	2107.77	2089.54	1.14	ppb
Lithium	6-1				193		%
Magnesium	24-2	72318.47	70756.50	71785.04	71620.00	1.11	ppb
Manganese	55-2	11040.49	10889.82	10956.36	10962.23	0.69	ppb
Molybdenum	94-1	1095.88	1101.07	1105.52	1100.82	0.44	ppb
Molybdenum	95-1	1153.44	1143.54	1153.99	1150.32	0.51	ppb
Molybdenum	96-1	1141.92	1140.62	1151.14	1144.56	0.50	ppb
Molybdenum	97-1	1144.70	1146.27	1161.23	1150.73	0.79	ppb
Molybdenum	98-1	1146.33	1139.85	1168.09	1151.42	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.49	991.14	1002.93	999.52	0.73	ppb
Phosphorus	31-2	6008.89	5854.73	5905.62	5923.08	1.33	ppb
Potassium	39-2	79765.74	78837.22	79405.85	79336.27	0.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	1552.98	1550.81	1589.24	1564.34	1.38	ppb
Selenium	77-2	1537.92	1580.54	1555.07	1557.84	1.38	ppb
Selenium	78-2	1542.58	1540.38	1528.27	1537.08	0.50	ppb
Silicon	28-1	2847.99	2860.97	2904.02	2870.99	1.02	ppb
Silver	107-1	322.85	327.76	326.20	325.60	0.77	ppb
Silver	109-1	322.29	330.80	322.79	325.30	1.47	ppb
Sodium	23-2	88655.56	87155.89	87673.99	87828.48	0.87	ppb
Strontium	86-1	2313.37	2313.95	2329.21	2318.84	0.39	ppb
Strontium	88-1	2316.86	2330.42	2335.98	2327.75	0.42	ppb
Sulfur	34-1	1538.02	1543.89	1622.26	1568.06	3.00	ppb
Terbium	159-1				120		%
Terbium	159-2				110		%
Thallium	203-1	2136.06	2205.29	2163.67	2168.34	1.61	ppb
Thallium	205-1	2145.31	2175.23	2175.83	2165.46	0.81	ppb
Tin	118-1	745.05	759.91	757.63	754.20	1.06	ppb
Titanium	47-1	3511.77	3588.80	3588.52	3563.03	1.25	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	380.16	395.19	383.93	386.43	2.02	ppb
Vanadium	51-2	2569.18	2510.32	2552.36	2543.96	1.19	ppb
Yttrium	89-1				140		%
Yttrium	89-2				130		%
Zinc	66-2	3221.27	3194.01	3230.56	3215.28	0.59	ppb
Zirconium	90-1	90.45	90.87	91.83	91.05	0.78	ppb
Zirconium	91-1	90.85	91.62	93.45	91.98	1.45	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24467.48	24680.34	24345.07	24497.63	0.69	ppb
Antimony	121-1	89.76	93.38	92.40	91.85	2.04	ppb
Arsenic	75-2	190.64	188.49	192.52	190.55	1.06	ppb
Barium	135-1	648.58	664.32	668.75	660.55	1.60	ppb
Barium	137-1	653.91	666.12	665.28	661.77	1.03	ppb
Beryllium	9-1	223.13	229.96	227.66	226.91	1.53	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	143.68	149.17	146.06	146.30	1.88	ppb
Cadmium	106-1	138.54	141.11	142.18	140.61	1.33	ppb
Cadmium	111-1	160.82	164.90	166.60	164.11	1.81	ppb
Calcium	43-1	13937.89	14234.87	14300.27	14157.68	1.36	ppb
Calcium	44-1	13131.21	13318.20	13535.50	13328.30	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	674.35	682.23	677.85	678.14	0.58	ppb
Cobalt	59-2	230.96	228.58	232.67	230.74	0.89	ppb
Copper	63-2	633.26	631.45	633.51	632.74	0.18	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				116		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	29230.69	28924.82	29181.36	29112.29	0.56	ppb
Iron	57-2	28773.30	28306.10	28455.46	28511.62	0.84	ppb
Iron	54-2	29686.21	29285.29	29367.68	29446.39	0.72	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	418.75	425.76	427.54	424.02	1.10	ppb
Lead	207-1	402.53	413.05	413.94	409.84	1.55	ppb
Lead	208-1	408.82	418.35	418.29	415.16	1.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	15849.08	16199.09	16038.06	16028.74	1.09	ppb
Manganese	55-2	2435.81	2408.88	2412.87	2419.19	0.60	ppb
Molybdenum	94-1	271.12	273.92	275.41	273.48	0.80	ppb
Molybdenum	95-1	280.88	291.15	289.56	287.20	1.92	ppb
Molybdenum	96-1	282.98	287.85	286.54	285.79	0.88	ppb
Molybdenum	97-1	284.28	289.51	282.37	285.39	1.30	ppb
Molybdenum	98-1	285.04	290.96	289.30	288.43	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	220.77	219.95	220.83	220.52	0.22	ppb
Phosphorus	31-2	1320.01	1296.85	1306.83	1307.90	0.89	ppb
Potassium	39-2	17531.78	17547.09	17601.02	17559.96	0.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				94		%
Scandium	45-2				100		%
Selenium	82-1	389.46	396.02	393.65	393.04	0.85	ppb
Selenium	77-2	377.97	395.50	388.43	387.30	2.28	ppb
Selenium	78-2	379.16	375.91	379.01	378.03	0.49	ppb
Silicon	28-1	635.61	658.16	662.15	651.98	2.19	ppb
Silver	107-1	69.45	70.94	70.90	70.43	1.21	ppb
Silver	109-1	69.65	70.69	70.52	70.29	0.79	ppb
Sodium	23-2	19683.12	19714.44	19625.06	19674.20	0.23	ppb
Strontium	86-1	567.65	583.33	583.97	578.32	1.60	ppb
Strontium	88-1	570.21	579.98	572.24	574.14	0.90	ppb
Sulfur	34-1	-696.45	-608.04	-662.99	-655.83		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	422.69	431.34	435.98	430.00	1.57	ppb
Thallium	205-1	426.37	432.19	433.24	430.60	0.86	ppb
Tin	118-1	156.93	160.02	160.01	158.99	1.12	ppb
Titanium	47-1	775.93	785.88	805.88	789.23	1.93	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	73.77	74.95	76.53	75.08	1.85	ppb
Vanadium	51-2	556.96	555.44	551.12	554.51	0.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	737.63	734.73	737.43	736.60	0.22	ppb
Zirconium	90-1	22.16	22.81	22.76	22.58	1.59	ppb
Zirconium	91-1	22.48	22.96	22.61	22.68	1.11	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49231.79	48199.51	48900.06	48777.12	1.08	ppb
Antimony	121-1	508.20	519.75	517.35	515.10	1.18	ppb
Arsenic	75-2	519.83	521.10	524.81	521.91	0.50	ppb
Barium	135-1	2455.59	2506.33	2481.16	2481.03	1.02	ppb
Barium	137-1	2451.95	2505.00	2526.10	2494.35	1.53	ppb
Beryllium	9-1	467.67	490.85	480.71	479.74	2.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.31	507.49	502.03	500.28	1.65	ppb
Cadmium	106-1	489.07	502.14	506.39	499.20	1.81	ppb
Cadmium	111-1	500.71	516.55	517.98	511.75	1.87	ppb
Calcium	43-1	244588.06	252962.64	251095.09	249548.60	1.76	ppb
Calcium	44-1	242785.56	250615.95	250200.64	247867.38	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.01	505.12	516.08	510.07	1.09	ppb
Cobalt	59-2	537.58	545.91	542.56	542.01	0.77	ppb
Copper	63-2	5192.48	5224.69	5238.03	5218.40	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	128161.41	127783.58	128330.30	128091.76	0.22	ppb
Iron	57-2	127676.10	128059.23	129261.51	128332.28	0.64	ppb
Iron	54-2	129572.67	127519.57	129293.96	128795.40	0.86	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2525.73	2603.73	2570.13	2566.53	1.52	ppb
Lead	207-1	2500.87	2553.20	2553.95	2536.00	1.20	ppb
Lead	208-1	2512.98	2557.54	2551.18	2540.57	0.95	ppb
Lithium	6-1				81		%
Magnesium	24-2	248597.97	248809.27	249446.82	248951.35	0.18	ppb
Manganese	55-2	5048.41	5022.84	5069.23	5046.83	0.46	ppb
Molybdenum	94-1	4974.11	5099.31	5055.47	5042.97	1.26	ppb
Molybdenum	95-1	4977.36	5080.84	5078.05	5045.42	1.17	ppb
Molybdenum	96-1	4958.68	5112.08	5029.39	5033.38	1.53	ppb
Molybdenum	97-1	4975.93	5089.88	5070.36	5045.39	1.21	ppb
Molybdenum	98-1	4968.64	5130.22	5088.18	5062.34	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.13	529.96	539.37	533.49	0.96	ppb
Phosphorus	31-2	9719.48	9511.45	9655.66	9628.86	1.11	ppb
Potassium	39-2	125013.98	123148.89	123433.39	123865.42	0.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	498.52	511.38	504.27	504.72	1.28	ppb
Selenium	77-2	483.54	487.54	492.16	487.75	0.88	ppb
Selenium	78-2	493.85	499.21	485.95	493.00	1.35	ppb
Silicon	28-1	472.72	500.89	495.72	489.78	3.06	ppb
Silver	107-1	496.37	515.18	510.84	507.46	1.94	ppb
Silver	109-1	492.51	506.47	509.29	502.76	1.79	ppb
Sodium	23-2	247343.52	244238.95	246253.58	245945.35	0.64	ppb
Strontium	86-1	493.40	509.30	494.05	498.92	1.80	ppb
Strontium	88-1	494.77	500.35	498.47	497.86	0.57	ppb
Sulfur	34-1	8043.37	8323.51	8418.72	8261.87	2.36	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	511.87	507.56	517.84	512.42	1.01	ppb
Thallium	205-1	511.47	518.74	513.88	514.70	0.72	ppb
Tin	118-1	489.02	507.09	501.43	499.18	1.85	ppb
Titanium	47-1	4838.21	5048.15	4939.76	4942.04	2.12	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	512.91	521.30	521.41	518.54	0.94	ppb
Vanadium	51-2	510.30	506.52	511.92	509.58	0.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	5234.37	5137.86	5170.46	5180.89	0.95	ppb
Zirconium	90-1	499.86	512.57	507.03	506.49	1.26	ppb
Zirconium	91-1	500.98	506.17	499.69	502.28	0.68	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	3.32	5.57	3.83	40.43	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	11.51	ppb
Arsenic	75-2	-0.01	0.00	0.04	0.01	348.00	ppb
Barium	135-1	0.15	0.06	0.08	0.10	45.64	ppb
Barium	137-1	0.14	0.06	0.08	0.09	42.33	ppb
Beryllium	9-1	0.11	0.10	0.10	0.10	5.26	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.03	-0.05	-0.03		ppb
Cadmium	106-1	-1.51	-1.57	-2.13	-1.74		ppb
Cadmium	111-1	0.01	0.00	-0.02	-0.01		ppb
Calcium	43-1	8.75	4.82	3.96	5.84	43.71	ppb
Calcium	44-1	8.77	2.21	3.22	4.73	74.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.08	0.07	0.07	30.79	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	434.24	ppb
Copper	63-2	0.17	0.17	0.28	0.21	28.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	4.21	5.15	8.15	5.84	35.30	ppb
Iron	57-2	1.78	3.27	5.37	3.47	52.01	ppb
Iron	54-2	3.58	5.41	8.82	5.94	44.82	ppb
Krypton	83-1						cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.61	0.63	0.63	0.62	1.09	ppb
Lead	207-1	0.64	0.57	0.61	0.61	6.04	ppb
Lead	208-1	0.64	0.59	0.61	0.61	4.24	ppb
Lithium	6-1				86		%
Magnesium	24-2	2.03	3.24	6.87	4.04	62.37	ppb
Manganese	55-2	0.17	0.20	0.30	0.22	30.82	ppb
Molybdenum	94-1	0.27	0.17	0.16	0.20	30.74	ppb
Molybdenum	95-1	0.25	0.14	0.17	0.19	31.42	ppb
Molybdenum	96-1	0.25	0.13	0.15	0.18	37.38	ppb
Molybdenum	97-1	0.25	0.13	0.13	0.17	41.44	ppb
Molybdenum	98-1	0.25	0.14	0.14	0.18	34.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-20.03	-15.96	-17.58	-17.85		ppb
Potassium	39-2	-1.13	1.29	2.12	0.76	221.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	0.00	-0.03	0.12	0.03	262.48	ppb
Selenium	77-2	0.26	-0.03	0.16	0.13	114.72	ppb
Selenium	78-2	-0.39	0.12	-0.47	-0.25		ppb
Silicon	28-1	-3.04	-3.05	-2.98	-3.02		ppb
Silver	107-1	0.04	0.02	0.02	0.03	26.94	ppb
Silver	109-1	0.03	0.03	0.02	0.03	14.43	ppb
Sodium	23-2	19.97	20.81	24.26	21.68	10.47	ppb
Strontium	86-1	0.06	0.04	0.05	0.05	26.03	ppb
Strontium	88-1	0.06	0.03	0.03	0.04	42.18	ppb
Sulfur	34-1	-557.36	-514.36	-530.71	-534.14		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.14	0.15	0.15	10.76	ppb
Thallium	205-1	0.18	0.14	0.15	0.15	12.32	ppb
Tin	118-1	0.01	0.00	0.00	0.00	227.36	ppb
Titanium	47-1	0.32	0.13	0.13	0.19	55.48	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	45.22	ppb
Vanadium	51-2	0.04	0.04	0.07	0.05	27.42	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	0.29	0.33	0.25	39.65	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	23.01	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	16.04	ppb

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	233	170	206	15.75	cps
Antimony	121-1	17	13	47	26	71.84	cps
Arsenic	75-2	37	33	67	46	40.30	cps
Barium	135-1	213	150	137	167	24.58	cps
Barium	137-1	337	307	223	289	20.33	cps
Beryllium	9-1	160	210	167	179	15.18	cps
Bismuth	209-1	11254609	11140330	11250385	11215108	0.58	cps
Bismuth	209-2	8446259	8700207	8468174	8538213	1.65	cps
Bromine	81-1	15852	16399	16416	16222	1.98	cps
Bromine	81-2	220	233	203	219	6.87	cps
Cadmium	108-1	37	30	13	27	45.08	cps
Cadmium	106-1	5274	5141	4861	5092	4.14	cps
Cadmium	111-1	1109	1064	1010	1061	4.70	cps
Calcium	43-1	977	933	967	959	2.37	cps
Calcium	44-1	27001	25455	25245	25900	3.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2770	2677	2750	2732	1.80	cps
Cobalt	59-2	503	593	627	574	11.11	cps
Copper	63-2	1533	1570	1593	1566	1.93	cps
Dysprosium	156-1	20	20	13	18	21.66	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	97	67	50	71	33.26	cps
Erbium	164-2	57	47	60	54	12.74	cps
Gadolinium	160-1	80	73	63	72	11.62	cps
Gadolinium	160-2	760	787	840	796	5.12	cps
Holmium	165-1	18430299	18341770	18367162	18379744	0.25	cps
Holmium	165-2	12794952	12973210	12903840	12890667	0.70	cps
Indium	115-1	15442575	15353543	15425628	15407249	0.31	cps
Indium	115-2	5959884	6029545	6018163	6002531	0.62	cps
Iron	56-2	30257	30117	29636	30003	1.09	cps
Iron	57-2	1763	1887	1670	1773	6.13	cps
Iron	54-2	3724	3654	3644	3674	1.19	cps
Krypton	83-1	277	277	327	293	9.84	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1320	1333	1293	1316	1.55	cps
Lead	207-1	1153	1063	1117	1111	4.07	cps
Lead	208-1	5070	4960	4964	4998	1.25	cps
Lithium	6-1	1906267	1837333	1791895	1845165	3.12	cps
Magnesium	24-2	3394	3450	3520	3455	1.84	cps
Manganese	55-2	1080	1160	1033	1091	5.87	cps
Molybdenum	94-1	460	460	507	476	5.67	cps
Molybdenum	95-1	280	257	283	273	5.32	cps
Molybdenum	96-1	460	423	467	450	5.19	cps
Molybdenum	97-1	227	220	193	213	8.27	cps
Molybdenum	98-1	487	520	443	483	7.95	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	1073	1193	1053	1107	6.84	cps
Phosphorus	31-2	370	397	433	400	7.95	cps
Potassium	39-2	76611	75134	76568	76104	1.10	cps
Rhodium	103-1	14949480	14862878	14675743	14829367	0.94	cps
Rhodium	103-2	9031025	9138874	9129348	9099749	0.66	cps
Scandium	45-1	8545765	8467861	8440870	8484832	0.64	cps
Scandium	45-2	800888	805978	804411	803759	0.32	cps
Selenium	82-1	767	718	647	711	8.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	613	617	580	603	3.36	cps
Silicon	28-1	864535	867218	866005	865919	0.16	cps
Silver	107-1	110	117	107	111	4.58	cps
Silver	109-1	63	60	57	60	5.55	cps
Sodium	23-2	22884	23368	22804	23018	1.33	cps
Strontium	86-1	487	507	523	506	3.63	cps
Strontium	88-1	1033	807	753	864	17.20	cps
Sulfur	34-1	261497	262131	263867	262499	0.47	cps
Terbium	159-1	18932192	18925488	19209941	19022540	0.85	cps
Terbium	159-2	12795324	13015653	13026900	12945959	1.01	cps
Thallium	203-1	577	533	523	544	5.21	cps
Thallium	205-1	1313	1280	1147	1247	7.07	cps
Tin	118-1	3794	3357	3324	3492	7.52	cps
Titanium	47-1	157	133	107	132	18.92	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:12:15 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	153	150	83	129	30.64	cps
Vanadium	51-2	30	40	23	31	26.97	cps
Yttrium	89-1	18300657	18110576	18149603	18186945	0.55	cps
Yttrium	89-2	5198561	5261030	5260965	5240185	0.69	cps
Zinc	66-2	1107	1117	1107	1110	0.52	cps
Zirconium	90-1	923	873	1007	934	7.21	cps
Zirconium	91-1	167	143	207	172	18.60	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8459	8946	8869	8758	2.99	cps
Antimony	121-1	37542	37586	37489	37539	0.13	cps
Arsenic	75-2	1300	1213	1087	1200	8.94	cps
Barium	135-1	45101	45780	45974	45618	1.00	cps
Barium	137-1	78465	79396	79199	79020	0.62	cps
Beryllium	9-1	2157	2094	2027	2092	3.11	cps
Bismuth	209-1	11364164	11310094	11182703	11285654	0.83	cps
Bismuth	209-2	8704723	8730051	8553461	8662745	1.10	cps
Bromine	81-1	15972	15508	14838	15439	3.69	cps
Bromine	81-2	107	133	73	104	28.79	cps
Cadmium	108-1	287	353	323	321	10.40	cps
Cadmium	106-1	5845	5691	5708	5748	1.46	cps
Cadmium	111-1	6313	5935	6263	6170	3.32	cps
Calcium	43-1	25455	26189	25558	25734	1.55	cps
Calcium	44-1	427737	430532	429386	429218	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19907	19349	19136	19464	2.05	cps
Cobalt	59-2	14203	13883	14033	14040	1.14	cps
Copper	63-2	19850	19616	19887	19784	0.74	cps
Dysprosium	156-1	23	17	13	18	28.64	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	90	77	90	86	9.00	cps
Erbium	164-2	43	20	53	39	43.98	cps
Gadolinium	160-1	80	73	70	74	6.84	cps
Gadolinium	160-2	780	810	837	809	3.50	cps
Holmium	165-1	18941854	18514595	18317446	18591298	1.72	cps
Holmium	165-2	12959104	13121920	12931176	13004067	0.79	cps
Indium	115-1	15615611	15334351	15246828	15398930	1.25	cps
Indium	115-2	6053630	6099857	5955496	6036328	1.22	cps
Iron	56-2	424793	423881	423277	423984	0.18	cps
Iron	57-2	12122	12165	12118	12135	0.21	cps
Iron	54-2	25625	26083	24614	25440	2.96	cps
Krypton	83-1	287	283	257	276	5.97	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14838	14832	14945	14872	0.43	cps
Lead	207-1	13143	13277	13133	13184	0.61	cps
Lead	208-1	59641	59792	59842	59758	0.17	cps
Lithium	6-1	1865436	1840719	1823458	1843204	1.14	cps
Magnesium	24-2	364707	358366	363351	362141	0.92	cps
Manganese	55-2	7769	7605	7642	7672	1.12	cps
Molybdenum	94-1	38838	39440	38881	39053	0.86	cps
Molybdenum	95-1	46333	47433	47387	47051	1.32	cps
Molybdenum	96-1	52541	52654	53688	52961	1.19	cps
Molybdenum	97-1	29216	29590	29704	29503	0.86	cps
Molybdenum	98-1	76552	77303	76636	76831	0.54	cps
Neodymium	150-1	10	3	7	7	50.03	cps
Neodymium	150-2	0	0	20	7	173.21	cps
Nickel	60-2	4474	4454	4537	4488	0.97	cps
Phosphorus	31-2	1120	1147	1097	1121	2.23	cps
Potassium	39-2	550085	547449	542328	546621	0.72	cps
Rhodium	103-1	15077611	15144405	14808716	15010244	1.18	cps
Rhodium	103-2	9217371	9167508	9189808	9191562	0.27	cps
Scandium	45-1	8556205	8439861	8388696	8461588	1.01	cps
Scandium	45-2	808853	810036	801263	806717	0.59	cps
Selenium	82-1	2347	2240	2182	2256	3.71	cps
Selenium	77-2	190	223	137	183	23.85	cps
Selenium	78-2	1217	1143	1150	1170	3.47	cps
Silicon	28-1	1206057	1202941	902358	1103785	15.80	cps
Silver	107-1	24007	24090	24167	24088	0.33	cps
Silver	109-1	22080	22888	23162	22710	2.48	cps
Sodium	23-2	567539	565207	564234	565660	0.30	cps
Strontium	86-1	6545	6718	6391	6552	2.50	cps
Strontium	88-1	52527	52199	53065	52597	0.83	cps
Sulfur	34-1	263969	265698	261383	263683	0.82	cps
Terbium	159-1	19435115	18984767	18844522	19088135	1.62	cps
Terbium	159-2	12926124	13090010	12709663	12908599	1.48	cps
Thallium	203-1	17334	17752	17605	17564	1.21	cps
Thallium	205-1	41423	40858	41172	41151	0.69	cps
Tin	118-1	82293	83932	82032	82752	1.24	cps
Titanium	47-1	12015	11858	11468	11780	2.39	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:15:31 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50418	52674	51656	51583	2.19	cps
Vanadium	51-2	35458	35990	35505	35651	0.83	cps
Yttrium	89-1	18572233	18251898	18034511	18286214	1.48	cps
Yttrium	89-2	5345132	5237164	5239055	5273784	1.17	cps
Zinc	66-2	8526	8663	8796	8661	1.56	cps
Zirconium	90-1	31988	32593	32289	32290	0.94	cps
Zirconium	91-1	7172	7292	7162	7208	1.00	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	451326	453235	446938	450500	0.72	cps
Antimony	121-1	940036	950777	944319	945044	0.57	cps
Arsenic	75-2	54175	54851	53546	54191	1.20	cps
Barium	135-1	1157360	1162251	1160244	1159952	0.21	cps
Barium	137-1	2001708	2019482	2023677	2014956	0.58	cps
Beryllium	9-1	91530	93026	93975	92844	1.33	cps
Bismuth	209-1	11273964	11108988	11243537	11208830	0.78	cps
Bismuth	209-2	8667969	8569049	8380409	8539143	1.71	cps
Bromine	81-1	14641	14621	14177	14479	1.81	cps
Bromine	81-2	110	97	90	99	10.30	cps
Cadmium	108-1	18802	19156	19056	19005	0.96	cps
Cadmium	106-1	31785	31163	31304	31417	1.04	cps
Cadmium	111-1	242192	244007	242741	242980	0.38	cps
Calcium	43-1	257338	259892	256385	257872	0.70	cps
Calcium	44-1	3975148	3963571	3928829	3955849	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	405955	403488	401537	403660	0.55	cps
Cobalt	59-2	646352	642156	634566	641025	0.93	cps
Copper	63-2	4748354	4663307	4643095	4684919	1.19	cps
Dysprosium	156-1	47	60	40	49	20.83	cps
Dysprosium	156-2	83	67	77	76	11.10	cps
Erbium	164-1	73	93	90	86	12.53	cps
Erbium	164-2	60	27	83	57	50.25	cps
Gadolinium	160-1	117	93	83	98	17.50	cps
Gadolinium	160-2	943	847	720	837	13.39	cps
Holmium	165-1	18624265	18173653	18400217	18399378	1.22	cps
Holmium	165-2	12963431	12812547	12703850	12826609	1.02	cps
Indium	115-1	15351618	14991507	15039181	15127435	1.29	cps
Indium	115-2	5845134	5776739	5794198	5805357	0.61	cps
Iron	56-2	18959831	18701223	18657230	18772762	0.87	cps
Iron	57-2	489385	491354	484230	488323	0.75	cps
Iron	54-2	1095960	1089134	1080504	1088533	0.71	cps
Krypton	83-1	277	260	307	281	8.41	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3498594	3500391	3474112	3491032	0.42	cps
Lead	207-1	3123308	3128429	3147339	3133026	0.40	cps
Lead	208-1	14084790	14041198	14147717	14091235	0.38	cps
Lithium	6-1	1864450	1850565	1851326	1855447	0.42	cps
Magnesium	24-2	3724047	3665853	3689602	3693167	0.79	cps
Manganese	55-2	3239568	3207639	3192209	3213139	0.75	cps
Molybdenum	94-1	3372081	3349799	3338486	3353456	0.51	cps
Molybdenum	95-1	4808006	4835640	4752625	4798757	0.88	cps
Molybdenum	96-1	5276737	5249395	5263328	5263153	0.26	cps
Molybdenum	97-1	3038518	3060986	2979320	3026274	1.39	cps
Molybdenum	98-1	7671687	7729567	7647348	7682868	0.55	cps
Neodymium	150-1	80	63	67	70	12.60	cps
Neodymium	150-2	10	23	30	21	48.24	cps
Nickel	60-2	167766	167460	166553	167260	0.38	cps
Phosphorus	31-2	22563	22460	23158	22727	1.66	cps
Potassium	39-2	2389873	2379589	2331836	2367099	1.31	cps
Rhodium	103-1	14869791	14587983	14399374	14619050	1.62	cps
Rhodium	103-2	8892946	8833750	8820538	8849078	0.44	cps
Scandium	45-1	8518101	8386412	8261884	8388799	1.53	cps
Scandium	45-2	797577	784331	780484	787464	1.14	cps
Selenium	82-1	16003	15887	15856	15915	0.48	cps
Selenium	77-2	1707	1777	1750	1745	2.03	cps
Selenium	78-2	6338	6491	6361	6397	1.29	cps
Silicon	28-1	3485945	3489638	3440749	3472110	0.78	cps
Silver	107-1	1273314	1276226	1272842	1274127	0.14	cps
Silver	109-1	1207826	1216964	1218815	1214535	0.48	cps
Sodium	23-2	5796795	5729396	5789396	5771862	0.64	cps
Strontium	86-1	298480	298355	296406	297747	0.39	cps
Strontium	88-1	2633776	2604587	2603094	2613819	0.66	cps
Sulfur	34-1	320876	320856	317715	319816	0.57	cps
Terbium	159-1	19247363	18886469	18711919	18948584	1.44	cps
Terbium	159-2	12967584	12675939	12819527	12821017	1.14	cps
Thallium	203-1	866959	877848	874781	873196	0.64	cps
Thallium	205-1	2044729	2052186	2043195	2046703	0.23	cps
Tin	118-1	796006	805156	798342	799835	0.59	cps
Titanium	47-1	1150934	1156839	1152041	1153271	0.27	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:18:47 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2719459	2730879	2750465	2733601	0.57	cps
Vanadium	51-2	350649	348152	348761	349187	0.37	cps
Yttrium	89-1	18267304	17973591	18035391	18092095	0.86	cps
Yttrium	89-2	5200159	5148237	5110074	5152823	0.88	cps
Zinc	66-2	804140	799605	795275	799674	0.55	cps
Zirconium	90-1	1623167	1625776	1624140	1624361	0.08	cps
Zirconium	91-1	364256	366781	362029	364355	0.65	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1069801	1041365	1047806	1052991	1.42	cps
Antimony	121-1	2239430	2261211	2249949	2250197	0.48	cps
Arsenic	75-2	127855	127404	126887	127382	0.38	cps
Barium	135-1	2780627	2817311	2774731	2790890	0.83	cps
Barium	137-1	4749246	4846751	4807801	4801266	1.02	cps
Beryllium	9-1	218651	222630	223084	221455	1.10	cps
Bismuth	209-1	11515300	11312259	11348450	11392003	0.95	cps
Bismuth	209-2	8604159	8605658	8623681	8611166	0.13	cps
Bromine	81-1	13683	13753	13406	13614	1.35	cps
Bromine	81-2	100	83	90	91	9.21	cps
Cadmium	108-1	44368	45575	44351	44764	1.57	cps
Cadmium	106-1	66334	67928	66796	67019	1.22	cps
Cadmium	111-1	561839	576352	574513	570901	1.38	cps
Calcium	43-1	588720	598503	595073	594099	0.84	cps
Calcium	44-1	9086075	9227814	9243565	9185818	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	945601	944935	950065	946867	0.29	cps
Cobalt	59-2	1508863	1482133	1484235	1491744	1.00	cps
Copper	63-2	11176137	11068021	10870450	11038203	1.40	cps
Dysprosium	156-1	67	100	70	79	23.27	cps
Dysprosium	156-2	150	183	93	142	32.00	cps
Erbium	164-1	127	77	100	101	24.74	cps
Erbium	164-2	80	57	47	61	27.99	cps
Gadolinium	160-1	110	87	117	104	15.08	cps
Gadolinium	160-2	803	830	793	809	2.34	cps
Holmium	165-1	18845815	18399512	18099556	18448294	2.04	cps
Holmium	165-2	13083089	12945130	12722875	12917031	1.41	cps
Indium	115-1	15239909	14781122	14710907	14910646	1.93	cps
Indium	115-2	5671304	5730927	5701295	5701175	0.52	cps
Iron	56-2	43947691	44388204	44489588	44275161	0.65	cps
Iron	57-2	1150435	1161927	1155348	1155903	0.50	cps
Iron	54-2	2438826	2489045	2467898	2465256	1.02	cps
Krypton	83-1	260	263	293	272	6.74	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8431845	8562484	8560291	8518207	0.88	cps
Lead	207-1	7574338	7733658	7681629	7663208	1.06	cps
Lead	208-1	33998547	34674911	34685215	34452891	1.14	cps
Lithium	6-1	1884978	1799309	1818016	1834101	2.46	cps
Magnesium	24-2	8707558	8608308	8711019	8675628	0.67	cps
Manganese	55-2	7545192	7551754	7541555	7546167	0.07	cps
Molybdenum	94-1	7771301	7850016	7814087	7811801	0.50	cps
Molybdenum	95-1	11089605	11285580	11255734	11210306	0.94	cps
Molybdenum	96-1	12232536	12379621	12356857	12323005	0.64	cps
Molybdenum	97-1	6983257	7079891	7022695	7028614	0.69	cps
Molybdenum	98-1	17924136	18255463	18200819	18126806	0.98	cps
Neodymium	150-1	137	160	153	150	8.01	cps
Neodymium	150-2	47	33	43	41	16.89	cps
Nickel	60-2	390224	386228	387560	388004	0.52	cps
Phosphorus	31-2	51406	50935	52195	51512	1.24	cps
Potassium	39-2	5319788	5254639	5368971	5314466	1.08	cps
Rhodium	103-1	14556613	14024332	13987821	14189589	2.24	cps
Rhodium	103-2	8655282	8708794	8597348	8653808	0.64	cps
Scandium	45-1	8292294	8053369	7944957	8096873	2.19	cps
Scandium	45-2	752021	753194	760469	755228	0.61	cps
Selenium	82-1	35707	36764	36097	36189	1.48	cps
Selenium	77-2	4174	3997	4114	4095	2.19	cps
Selenium	78-2	14591	14040	14344	14325	1.93	cps
Silicon	28-1	6417291	6498710	6584928	6500310	1.29	cps
Silver	107-1	2942565	3017462	2963145	2974391	1.30	cps
Silver	109-1	2778117	2847029	2820030	2815058	1.23	cps
Sodium	23-2	13603319	13469205	13385762	13486095	0.81	cps
Strontium	86-1	695530	704528	696301	698786	0.71	cps
Strontium	88-1	6027643	6091673	6052336	6057217	0.53	cps
Sulfur	34-1	394129	394023	391145	393099	0.43	cps
Terbium	159-1	19376512	18698888	18668075	18914491	2.12	cps
Terbium	159-2	12901226	12826193	12770294	12832571	0.51	cps
Thallium	203-1	2099285	2146257	2166021	2137188	1.60	cps
Thallium	205-1	4985739	5062414	5119474	5055876	1.33	cps
Tin	118-1	1848260	1875586	1900012	1874620	1.38	cps
Titanium	47-1	2659716	2719208	2704827	2694584	1.15	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:21:42 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6668743	6745305	6727213	6713754	0.60	cps
Vanadium	51-2	813822	810775	817938	814178	0.44	cps
Yttrium	89-1	17913078	17417725	17209695	17513499	2.06	cps
Yttrium	89-2	4984434	5000508	5011561	4998834	0.27	cps
Zinc	66-2	1869588	1853475	1832577	1851880	1.00	cps
Zirconium	90-1	3744157	3789461	3826377	3786665	1.09	cps
Zirconium	91-1	846489	861690	859373	855851	0.96	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2047739	2089818	2073327	2070295	1.02	cps
Antimony	121-1	4322438	4265058	4294895	4294130	0.67	cps
Arsenic	75-2	244072	242978	239909	242320	0.89	cps
Barium	135-1	5313309	5328583	5325046	5322313	0.15	cps
Barium	137-1	9347352	9309323	9146999	9267891	1.15	cps
Beryllium	9-1	442505	444522	446326	444451	0.43	cps
Bismuth	209-1	11170674	11194629	11128842	11164715	0.30	cps
Bismuth	209-2	8627823	8459349	8544304	8543825	0.99	cps
Bromine	81-1	13183	12986	12329	12832	3.49	cps
Bromine	81-2	80	63	110	84	28.01	cps
Cadmium	108-1	85597	84484	84900	84994	0.66	cps
Cadmium	106-1	124582	125466	124293	124780	0.49	cps
Cadmium	111-1	1095332	1084962	1086115	1088803	0.52	cps
Calcium	43-1	1131388	1123183	1120662	1125078	0.50	cps
Calcium	44-1	17567816	17304261	17025510	17299196	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1830351	1796217	1784608	1803725	1.32	cps
Cobalt	59-2	2869630	2824047	2875505	2856394	0.99	cps
Copper	63-2	21003185	20945791	20793557	20914178	0.52	cps
Dysprosium	156-1	143	93	87	108	28.74	cps
Dysprosium	156-2	310	287	290	296	4.27	cps
Erbium	164-1	173	203	180	186	8.49	cps
Erbium	164-2	67	83	140	97	39.77	cps
Gadolinium	160-1	123	120	103	116	9.27	cps
Gadolinium	160-2	757	830	773	787	4.89	cps
Holmium	165-1	18110098	18025419	17922441	18019319	0.52	cps
Holmium	165-2	12871014	12719577	12731281	12773957	0.66	cps
Indium	115-1	14305678	14126285	14065936	14165967	0.88	cps
Indium	115-2	5567026	5515743	5426466	5503078	1.29	cps
Iron	56-2	84292054	84537097	82932049	83920400	1.03	cps
Iron	57-2	2101678	2107796	2125216	2111563	0.58	cps
Iron	54-2	4668185	4715832	4561268	4648428	1.70	cps
Krypton	83-1	223	207	237	222	6.76	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16986079	16833630	16779549	16866419	0.63	cps
Lead	207-1	15139232	15091253	14915521	15048669	0.78	cps
Lead	208-1	68246296	68144318	67708120	68032911	0.42	cps
Lithium	6-1	1813291	1775406	1828119	1805605	1.51	cps
Magnesium	24-2	16991842	16913594	16879149	16928195	0.34	cps
Manganese	55-2	14436744	14452871	14128953	14339523	1.27	cps
Molybdenum	94-1	14963361	15098932	14937439	14999911	0.58	cps
Molybdenum	95-1	21802273	21658123	21357825	21606074	1.05	cps
Molybdenum	96-1	23788619	23783237	23609810	23727222	0.43	cps
Molybdenum	97-1	13576039	13526048	13365014	13489034	0.82	cps
Molybdenum	98-1	34931220	34888953	34291412	34703862	1.03	cps
Neodymium	150-1	313	307	307	309	1.25	cps
Neodymium	150-2	83	80	90	84	6.03	cps
Nickel	60-2	736247	736030	729168	733815	0.55	cps
Phosphorus	31-2	99766	99178	99591	99512	0.30	cps
Potassium	39-2	10474711	10331076	10163470	10323086	1.51	cps
Rhodium	103-1	13485104	13290074	13127151	13300777	1.35	cps
Rhodium	103-2	8421495	8274450	8238027	8311324	1.17	cps
Scandium	45-1	7640391	7585148	7531810	7585783	0.72	cps
Scandium	45-2	735287	728185	728251	730574	0.56	cps
Selenium	82-1	68927	67834	67753	68171	0.96	cps
Selenium	77-2	7966	7802	7832	7867	1.11	cps
Selenium	78-2	27155	26594	26070	26606	2.04	cps
Silicon	28-1	11523981	11384194	11500850	11469675	0.65	cps
Silver	107-1	5650708	5517974	5551195	5573292	1.24	cps
Silver	109-1	5347188	5339408	5316049	5334215	0.30	cps
Sodium	23-2	26362354	26400510	26484918	26415927	0.24	cps
Strontium	86-1	1339056	1328870	1324329	1330751	0.57	cps
Strontium	88-1	11555492	11524458	11574515	11551488	0.22	cps
Sulfur	34-1	520294	517553	512276	516708	0.79	cps
Terbium	159-1	18468756	18378026	18221783	18356188	0.68	cps
Terbium	159-2	12787099	12784170	12745584	12772284	0.18	cps
Thallium	203-1	4183112	4206850	4228527	4206163	0.54	cps
Thallium	205-1	9950775	9899645	9924623	9925014	0.26	cps
Tin	118-1	3613289	3562435	3608377	3594700	0.78	cps
Titanium	47-1	5091030	5069792	5098681	5086501	0.29	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:24:30 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13471634	13496696	13444804	13471045	0.19	cps
Vanadium	51-2	1556000	1550892	1550554	1552482	0.20	cps
Yttrium	89-1	16604809	16440632	16510144	16518528	0.50	cps
Yttrium	89-2	4840862	4850008	4829451	4840107	0.21	cps
Zinc	66-2	3526011	3533048	3509908	3522989	0.34	cps
Zirconium	90-1	7283361	7260251	7236177	7259930	0.32	cps
Zirconium	91-1	1635283	1621706	1615214	1624067	0.63	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4161170	4144012	4125805	4143662	0.43	cps
Antimony	121-1	8375826	8560500	8423279	8453201	1.13	cps
Arsenic	75-2	478834	482181	485869	482295	0.73	cps
Barium	135-1	10485336	10490697	10470485	10482173	0.10	cps
Barium	137-1	18278761	18401397	18305201	18328453	0.35	cps
Beryllium	9-1	864727	874332	874099	871053	0.63	cps
Bismuth	209-1	11208906	10999933	10996519	11068453	1.10	cps
Bismuth	209-2	8530318	8511879	8563347	8535181	0.31	cps
Bromine	81-1	12615	12228	12459	12434	1.57	cps
Bromine	81-2	87	73	87	82	9.37	cps
Cadmium	108-1	162647	165248	167198	165031	1.38	cps
Cadmium	106-1	235391	237495	237480	236789	0.51	cps
Cadmium	111-1	2071550	2108677	2088529	2089585	0.89	cps
Calcium	43-1	2089877	2112651	2070884	2091137	1.00	cps
Calcium	44-1	33560840	34349693	33860922	33923818	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3559472	3561168	3545487	3555376	0.24	cps
Cobalt	59-2	5618770	5668796	5531108	5606225	1.24	cps
Copper	63-2	41330146	41324446	41204065	41286219	0.17	cps
Dysprosium	156-1	200	200	183	194	4.95	cps
Dysprosium	156-2	700	550	617	622	12.08	cps
Erbium	164-1	183	183	187	184	1.04	cps
Erbium	164-2	183	117	153	151	22.10	cps
Gadolinium	160-1	137	207	147	163	23.18	cps
Gadolinium	160-2	850	920	883	884	3.96	cps
Holmium	165-1	18427573	18001705	17908735	18112671	1.53	cps
Holmium	165-2	12887407	12971151	12846346	12901635	0.49	cps
Indium	115-1	13843741	13742920	13711318	13765993	0.50	cps
Indium	115-2	5444034	5428537	5396505	5423025	0.45	cps
Iron	56-2	167429578	165434611	166874301	166579496	0.62	cps
Iron	57-2	4215240	4233181	4169545	4205988	0.78	cps
Iron	54-2	9153799	9176238	9243708	9191248	0.51	cps
Krypton	83-1	253	247	280	260	6.79	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33385218	33382293	33421898	33396470	0.07	cps
Lead	207-1	29465074	29850540	29800231	29705282	0.71	cps
Lead	208-1	134009481	135385321	135474208	134956337	0.61	cps
Lithium	6-1	1822012	1765656	1795077	1794249	1.57	cps
Magnesium	24-2	33787135	33678204	33620061	33695133	0.25	cps
Manganese	55-2	28516078	28420228	28521665	28485990	0.20	cps
Molybdenum	94-1	29429219	29901568	29762095	29697627	0.82	cps
Molybdenum	95-1	42172633	42599507	42847603	42539914	0.80	cps
Molybdenum	96-1	46582409	46927901	46835613	46781974	0.38	cps
Molybdenum	97-1	26604180	26973991	26536185	26704785	0.88	cps
Molybdenum	98-1	68099766	68887476	69179591	68722277	0.81	cps
Neodymium	150-1	493	530	580	534	8.14	cps
Neodymium	150-2	140	117	140	132	10.19	cps
Nickel	60-2	1429336	1434168	1428192	1430566	0.22	cps
Phosphorus	31-2	198538	196823	198511	197957	0.50	cps
Potassium	39-2	20229951	20416358	20213282	20286531	0.56	cps
Rhodium	103-1	13154943	13022969	12865608	13014506	1.11	cps
Rhodium	103-2	8261151	8275854	8195375	8244126	0.52	cps
Scandium	45-1	7494505	7395902	7404521	7431643	0.73	cps
Scandium	45-2	728086	723226	727127	726146	0.35	cps
Selenium	82-1	130862	132302	131551	131571	0.55	cps
Selenium	77-2	15839	15461	15094	15465	2.41	cps
Selenium	78-2	52225	52710	52342	52426	0.48	cps
Silicon	28-1	20995180	21269539	21203639	21156119	0.68	cps
Silver	107-1	10771752	10873624	10816820	10820732	0.47	cps
Silver	109-1	10311156	10456224	10540622	10436001	1.11	cps
Sodium	23-2	52724648	53257943	52818738	52933776	0.54	cps
Strontium	86-1	2568823	2616715	2625925	2603821	1.18	cps
Strontium	88-1	22563398	22709659	22974721	22749259	0.92	cps
Sulfur	34-1	781760	787493	790598	786617	0.57	cps
Terbium	159-1	18619780	18306110	18439201	18455030	0.85	cps
Terbium	159-2	12810195	12942536	12751235	12834655	0.76	cps
Thallium	203-1	8319725	8410368	8354250	8361448	0.55	cps
Thallium	205-1	19793338	19826636	19793716	19804563	0.10	cps
Tin	118-1	6984815	7032839	7069085	7028913	0.60	cps
Titanium	47-1	10001715	9957129	10099134	10019326	0.72	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:27:14 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27255005	27141312	27413247	27269855	0.50	cps
Vanadium	51-2	3133184	3110839	3135836	3126620	0.44	cps
Yttrium	89-1	16691422	16157629	16226408	16358486	1.78	cps
Yttrium	89-2	4862332	4799765	4760396	4807498	1.07	cps
Zinc	66-2	6869867	6900215	6895277	6888453	0.24	cps
Zirconium	90-1	14213899	14329563	14321591	14288351	0.45	cps
Zirconium	91-1	3179728	3222027	3181254	3194336	0.75	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8283448	8241709	8236452	8253870	0.31	cps
Antimony	121-1	17009336	17166394	17225341	17133690	0.65	cps
Arsenic	75-2	971385	967322	969929	969545	0.21	cps
Barium	135-1	21317301	21680550	21375818	21457889	0.91	cps
Barium	137-1	36577732	37439803	37267584	37095040	1.23	cps
Beryllium	9-1	1791661	1785133	1778748	1785181	0.36	cps
Bismuth	209-1	10764174	10922242	10800220	10828879	0.76	cps
Bismuth	209-2	8381867	8418912	8284674	8361818	0.83	cps
Bromine	81-1	13116	12592	12902	12870	2.05	cps
Bromine	81-2	103	113	150	122	20.10	cps
Cadmium	108-1	326769	330864	330993	329542	0.73	cps
Cadmium	106-1	467634	471768	469809	469737	0.44	cps
Cadmium	111-1	4168795	4218202	4153563	4180187	0.81	cps
Calcium	43-1	4250805	4314144	4244713	4269888	0.90	cps
Calcium	44-1	67903557	69288531	69157367	68783152	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7140151	7151366	7194428	7161982	0.40	cps
Cobalt	59-2	11226562	11236634	11214122	11225773	0.10	cps
Copper	63-2	82595177	82405659	81453747	82151528	0.74	cps
Dysprosium	156-1	363	370	430	388	9.47	cps
Dysprosium	156-2	1197	1173	1307	1226	5.81	cps
Erbium	164-1	310	327	337	324	4.15	cps
Erbium	164-2	227	237	237	233	2.47	cps
Gadolinium	160-1	287	290	253	277	7.33	cps
Gadolinium	160-2	770	947	850	856	10.34	cps
Holmium	165-1	18133945	18141361	18052565	18109290	0.27	cps
Holmium	165-2	13027406	12936743	12824919	12929689	0.78	cps
Indium	115-1	13463348	13709601	13481600	13551516	1.01	cps
Indium	115-2	5352099	5285798	5315022	5317639	0.62	cps
Iron	56-2	335939668	336539468	334338602	335605913	0.34	cps
Iron	57-2	8325212	8492721	8386686	8401539	1.01	cps
Iron	54-2	18287744	18496938	18504211	18429631	0.67	cps
Krypton	83-1	353	277	200	277	27.71	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66946217	68112767	67656604	67571863	0.87	cps
Lead	207-1	59721122	60572354	60555016	60282831	0.81	cps
Lead	208-1	270036211	275945976	273728201	273236796	1.09	cps
Lithium	6-1	1793341	1804816	1756217	1784792	1.42	cps
Magnesium	24-2	66895096	67022476	66883239	66933603	0.12	cps
Manganese	55-2	57250462	57542681	57745057	57512734	0.43	cps
Molybdenum	94-1	60580634	60337439	59908656	60275576	0.56	cps
Molybdenum	95-1	86330342	86771985	86543615	86548648	0.26	cps
Molybdenum	96-1	94680452	95849759	95098759	95209656	0.62	cps
Molybdenum	97-1	53927978	54514031	54311081	54251030	0.55	cps
Molybdenum	98-1	137894301	139324585	140632835	139283907	0.98	cps
Neodymium	150-1	1127	1067	1077	1090	2.95	cps
Neodymium	150-2	293	313	333	313	6.38	cps
Nickel	60-2	2896397	2861637	2912518	2890184	0.90	cps
Phosphorus	31-2	395803	394648	393179	394543	0.33	cps
Potassium	39-2	40714279	40682601	40706990	40701290	0.04	cps
Rhodium	103-1	12631241	12722634	12792305	12715393	0.64	cps
Rhodium	103-2	8097579	8073735	8043207	8071507	0.34	cps
Scandium	45-1	7370873	7429130	7311706	7370570	0.80	cps
Scandium	45-2	737577	731676	730419	733224	0.52	cps
Selenium	82-1	260788	263310	259585	261228	0.73	cps
Selenium	77-2	30732	30718	31283	30911	1.04	cps
Selenium	78-2	104062	104132	102696	103630	0.78	cps
Silicon	28-1	40380428	40143010	39622154	40048531	0.97	cps
Silver	107-1	21551796	21849931	21763776	21721834	0.71	cps
Silver	109-1	20704825	20856324	20674869	20745339	0.47	cps
Sodium	23-2	105269528	106479498	106223332	105990786	0.60	cps
Strontium	86-1	5250088	5377830	5381353	5336424	1.40	cps
Strontium	88-1	46315088	47228129	46933596	46825604	1.00	cps
Sulfur	34-1	1426062	1463211	1449765	1446346	1.30	cps
Terbium	159-1	18445210	18165001	18498462	18369558	0.98	cps
Terbium	159-2	12696162	12780602	12643906	12706890	0.54	cps
Thallium	203-1	16795206	17089207	16816446	16900287	0.97	cps
Thallium	205-1	40147764	40622423	40024679	40264955	0.78	cps
Tin	118-1	14098911	14343650	14263799	14235453	0.88	cps
Titanium	47-1	20004961	20077826	20204687	20095825	0.50	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:29:59 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55361339	55277684	55803463	55480829	0.51	cps
Vanadium	51-2	6353342	6342690	6359349	6351793	0.13	cps
Yttrium	89-1	16261701	16558544	16242123	16354123	1.08	cps
Yttrium	89-2	4768433	4773780	4784816	4775676	0.17	cps
Zinc	66-2	13742211	13701334	13791294	13744946	0.33	cps
Zirconium	90-1	28908627	29584735	29025575	29172979	1.24	cps
Zirconium	91-1	6493600	6577458	6502632	6524563	0.71	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42136896	41606585	41681949	41808477	0.69	cps
Antimony	121-1	8759	9283	8559	8867	4.21	cps
Arsenic	75-2	533	677	627	612	11.88	cps
Barium	135-1	9990	10190	9720	9967	2.37	cps
Barium	137-1	18292	17628	17441	17787	2.51	cps
Beryllium	9-1	523	527	457	502	7.86	cps
Bismuth	209-1	10220503	9978750	9806760	10002004	2.08	cps
Bismuth	209-2	7682229	7661751	7613508	7652496	0.46	cps
Bromine	81-1	14407	14437	15298	14714	3.44	cps
Bromine	81-2	157	147	157	153	3.77	cps
Cadmium	108-1	183	170	167	173	5.09	cps
Cadmium	106-1	4918	4918	4944	4926	0.31	cps
Cadmium	111-1	2209	2125	1996	2110	5.09	cps
Calcium	43-1	21043290	21039305	21021499	21034698	0.06	cps
Calcium	44-1	342435182	344476395	343774782	343562119	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12922	14291	12449	13221	7.24	cps
Cobalt	59-2	31139	30982	30899	31006	0.39	cps
Copper	63-2	20344	19817	19349	19837	2.51	cps
Dysprosium	156-1	713	727	763	734	3.53	cps
Dysprosium	156-2	660	627	603	630	4.52	cps
Erbium	164-1	773	830	833	812	4.15	cps
Erbium	164-2	580	520	573	558	5.90	cps
Gadolinium	160-1	683	757	740	727	5.29	cps
Gadolinium	160-2	1130	1163	1287	1193	6.92	cps
Holmium	165-1	18180078	17961273	17802630	17981327	1.05	cps
Holmium	165-2	12763136	12852103	12735494	12783578	0.48	cps
Indium	115-1	13430905	13482309	13575941	13496385	0.54	cps
Indium	115-2	5353700	5477041	5415907	5415549	1.14	cps
Iron	56-2	1641048616	1659697682	1643906749	1648217682	0.61	cps
Iron	57-2	41092757	41576409	41584795	41417987	0.68	cps
Iron	54-2	89903042	89428259	90043692	89791664	0.36	cps
Krypton	83-1	320	303	380	334	12.06	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14755	14992	14474	14740	1.76	cps
Lead	207-1	12930	12799	12573	12767	1.42	cps
Lead	208-1	59278	58857	57150	58428	1.93	cps
Lithium	6-1	1747110	1732143	1730825	1736693	0.52	cps
Magnesium	24-2	337525368	336674948	334097255	336099191	0.53	cps
Manganese	55-2	34944	34239	34456	34546	1.04	cps
Molybdenum	94-1	18879	18118	18478	18492	2.06	cps
Molybdenum	95-1	20061	19974	19450	19828	1.67	cps
Molybdenum	96-1	35500	34945	33495	34647	2.99	cps
Molybdenum	97-1	12569	12392	12185	12382	1.55	cps
Molybdenum	98-1	31414	30616	29633	30554	2.92	cps
Neodymium	150-1	330	393	320	348	11.43	cps
Neodymium	150-2	270	200	233	234	14.94	cps
Nickel	60-2	9253	9246	9300	9266	0.31	cps
Phosphorus	31-2	580	560	543	561	3.27	cps
Potassium	39-2	206796150	207683317	206476777	206985415	0.30	cps
Rhodium	103-1	12148088	12201881	12078364	12142777	0.51	cps
Rhodium	103-2	7797279	7791524	7734503	7774435	0.45	cps
Scandium	45-1	7513536	7537808	7601866	7551070	0.60	cps
Scandium	45-2	759912	759855	750762	756843	0.70	cps
Selenium	82-1	918	909	774	867	9.29	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	610	603	553	589	5.26	cps
Silicon	28-1	844940	839077	831892	838637	0.78	cps
Silver	107-1	7092	6405	5831	6443	9.80	cps
Silver	109-1	6408	5945	5114	5822	11.26	cps
Sodium	23-2	523849086	518077059	519844046	520590063	0.57	cps
Strontium	86-1	18976	18762	18635	18791	0.92	cps
Strontium	88-1	159319	161643	161984	160982	0.90	cps
Sulfur	34-1	200571	209063	218367	209334	4.25	cps
Terbium	159-1	18387903	18235884	18170052	18264613	0.61	cps
Terbium	159-2	12653707	12673818	12574074	12633866	0.42	cps
Thallium	203-1	3350	2960	2407	2906	16.32	cps
Thallium	205-1	8042	6895	5915	6951	15.32	cps
Tin	118-1	7359	7229	7035	7207	2.26	cps
Titanium	47-1	3544	3667	3500	3570	2.42	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:32:43 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7969	7526	7099	7531	5.78	cps
Vanadium	51-2	2237	2187	2177	2200	1.46	cps
Yttrium	89-1	16583633	16620801	16446371	16550268	0.56	cps
Yttrium	89-2	4943484	5004290	4949206	4965660	0.68	cps
Zinc	66-2	5188	5014	5151	5118	1.79	cps
Zirconium	90-1	18572	19239	18335	18715	2.51	cps
Zirconium	91-1	4007	3787	3844	3879	2.95	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233159	232837	231199	232398	0.45	cps
Antimony	121-1	3553340	3513028	3516307	3527559	0.63	cps
Arsenic	75-2	205523	203641	202400	203854	0.77	cps
Barium	135-1	438682	443277	439130	440363	0.58	cps
Barium	137-1	760108	761663	764205	761992	0.27	cps
Beryllium	9-1	186278	189180	187757	187739	0.77	cps
Bismuth	209-1	11709310	11408702	11417484	11511832	1.49	cps
Bismuth	209-2	8934737	8801103	8732112	8822651	1.17	cps
Bromine	81-1	13306	13229	13269	13268	0.29	cps
Bromine	81-2	113	103	93	103	9.68	cps
Cadmium	108-1	53003	54308	53006	53439	1.41	cps
Cadmium	106-1	82110	80732	81872	81572	0.90	cps
Cadmium	111-1	461329	468114	460432	463292	0.91	cps
Calcium	43-1	105399	103769	103423	104197	1.01	cps
Calcium	44-1	1554389	1558134	1528039	1546854	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	773091	765742	759620	766151	0.88	cps
Cobalt	59-2	1219156	1213407	1208514	1213692	0.44	cps
Copper	63-2	857432	847237	838452	847707	1.12	cps
Dysprosium	156-1	23	23	37	28	27.73	cps
Dysprosium	156-2	33	27	37	32	15.80	cps
Erbium	164-1	70	50	60	60	16.67	cps
Erbium	164-2	77	33	70	60	38.89	cps
Gadolinium	160-1	60	90	73	74	20.19	cps
Gadolinium	160-2	873	833	760	822	6.99	cps
Holmium	165-1	18472523	17953552	18251107	18225727	1.43	cps
Holmium	165-2	13179186	13112027	12863159	13051457	1.28	cps
Indium	115-1	14830596	14455847	14338573	14541672	1.77	cps
Indium	115-2	5721397	5601449	5697417	5673421	1.12	cps
Iron	56-2	13994145	13698751	13687327	13793408	1.26	cps
Iron	57-2	363420	358359	360169	360649	0.71	cps
Iron	54-2	821913	810218	809607	813912	0.85	cps
Krypton	83-1	293	300	307	300	2.22	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3001144	2992266	3028759	3007389	0.63	cps
Lead	207-1	2582300	2606222	2589519	2592680	0.47	cps
Lead	208-1	11869027	11884447	11943697	11899057	0.33	cps
Lithium	6-1	1936438	1944270	1906353	1929020	1.04	cps
Magnesium	24-2	786764	781394	784047	784068	0.34	cps
Manganese	55-2	606297	599778	598112	601396	0.72	cps
Molybdenum	94-1	31601060	31654373	31445474	31566969	0.34	cps
Molybdenum	95-1	46016746	45916304	45392461	45775170	0.73	cps
Molybdenum	96-1	50161361	50277781	49709043	50049395	0.60	cps
Molybdenum	97-1	28630832	28567499	28320614	28506315	0.57	cps
Molybdenum	98-1	73766296	73915436	71952512	73211414	1.49	cps
Neodymium	150-1	33	43	33	37	15.75	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	317420	315029	314189	315546	0.53	cps
Phosphorus	31-2	383	370	387	380	2.32	cps
Potassium	39-2	1754982	1695345	1679656	1709994	2.32	cps
Rhodium	103-1	14432622	13963837	13861234	14085898	2.16	cps
Rhodium	103-2	8833100	8686161	8695828	8738363	0.94	cps
Scandium	45-1	8217235	7986957	7828753	8010982	2.44	cps
Scandium	45-2	771250	762283	759653	764396	0.80	cps
Selenium	82-1	58726	58763	58516	58668	0.23	cps
Selenium	77-2	6471	6775	6518	6588	2.48	cps
Selenium	78-2	23752	23085	22440	23093	2.84	cps
Silicon	28-1	4648922	4796467	4818651	4754680	1.94	cps
Silver	107-1	1156687	1163975	1163486	1161382	0.35	cps
Silver	109-1	1092209	1106950	1095515	1098225	0.70	cps
Sodium	23-2	2203209	2207446	2157556	2189404	1.26	cps
Strontium	86-1	2813067	2788039	2727766	2776290	1.58	cps
Strontium	88-1	24328129	24284480	23865625	24159411	1.06	cps
Sulfur	34-1	240121	236695	233947	236921	1.31	cps
Terbium	159-1	19170453	18591295	18743013	18834921	1.59	cps
Terbium	159-2	13001814	13136408	12911572	13016598	0.87	cps
Thallium	203-1	3728566	3739603	3723985	3730718	0.22	cps
Thallium	205-1	8753406	8852879	8910946	8839077	0.90	cps
Tin	118-1	7356991	7375013	7272282	7334762	0.75	cps
Titanium	47-1	10964984	10938532	10799685	10901067	0.81	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:47:27 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28811650	28939896	28799479	28850342	0.27	cps
Vanadium	51-2	646852	640090	636450	641131	0.82	cps
Yttrium	89-1	17629700	17233626	16862984	17242103	2.22	cps
Yttrium	89-2	5066401	4961497	4910651	4979516	1.59	cps
Zinc	66-2	300853	298807	298646	299436	0.41	cps
Zirconium	90-1	14872842	14739662	14525741	14712749	1.19	cps
Zirconium	91-1	3360060	3337866	3323049	3340325	0.56	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8839	8436	8502	8592	2.52	cps
Antimony	121-1	36062	36399	36914	36458	1.18	cps
Arsenic	75-2	1110	1103	1197	1137	4.58	cps
Barium	135-1	43279	43784	42664	43242	1.30	cps
Barium	137-1	75533	75234	75566	75444	0.24	cps
Beryllium	9-1	2067	2257	2037	2120	5.63	cps
Bismuth	209-1	11580150	11279604	11318210	11392655	1.44	cps
Bismuth	209-2	8859564	8835859	8831406	8842276	0.17	cps
Bromine	81-1	12919	12532	12549	12667	1.73	cps
Bromine	81-2	107	100	93	100	6.67	cps
Cadmium	108-1	350	397	310	352	12.32	cps
Cadmium	106-1	5141	5001	5008	5050	1.56	cps
Cadmium	111-1	5847	6024	5815	5895	1.90	cps
Calcium	43-1	24046	23862	24116	24008	0.55	cps
Calcium	44-1	394210	396321	403714	398082	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17761	17687	17417	17622	1.03	cps
Cobalt	59-2	13056	13486	12742	13095	2.85	cps
Copper	63-2	18568	18458	18508	18512	0.30	cps
Dysprosium	156-1	20	20	20	20	0.00	cps
Dysprosium	156-2	7	20	23	17	52.90	cps
Erbium	164-1	57	83	33	58	43.30	cps
Erbium	164-2	63	53	20	46	49.80	cps
Gadolinium	160-1	83	40	77	67	35.00	cps
Gadolinium	160-2	683	877	833	798	12.72	cps
Holmium	165-1	18490748	18015716	17978620	18161695	1.57	cps
Holmium	165-2	13025176	12724362	12760486	12836675	1.28	cps
Indium	115-1	14913746	14647673	14464965	14675461	1.54	cps
Indium	115-2	5827255	5796068	5741693	5788339	0.75	cps
Iron	56-2	397556	395602	395533	396230	0.29	cps
Iron	57-2	10887	10921	10991	10933	0.48	cps
Iron	54-2	24387	23986	24166	24179	0.83	cps
Krypton	83-1	243	247	263	251	4.27	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16036	15879	15936	15951	0.50	cps
Lead	207-1	14017	14131	13590	13913	2.05	cps
Lead	208-1	64183	64026	63543	63917	0.52	cps
Lithium	6-1	1883885	1871007	1870129	1875007	0.41	cps
Magnesium	24-2	349768	351881	349100	350250	0.41	cps
Manganese	55-2	6822	7055	6892	6923	1.73	cps
Molybdenum	94-1	38664	38688	40021	39124	1.99	cps
Molybdenum	95-1	47129	47734	50361	48408	3.55	cps
Molybdenum	96-1	52457	54521	55694	54224	3.02	cps
Molybdenum	97-1	29844	30245	30620	30236	1.28	cps
Molybdenum	98-1	75480	77625	79194	77433	2.41	cps
Neodymium	150-1	10	10	0	7	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4221	4011	4041	4091	2.78	cps
Phosphorus	31-2	1160	1013	1057	1077	7.00	cps
Potassium	39-2	510746	511027	508412	510062	0.28	cps
Rhodium	103-1	14004454	14026859	13842128	13957814	0.72	cps
Rhodium	103-2	8849084	8756534	8729444	8778354	0.71	cps
Scandium	45-1	7846831	7849255	7795834	7830640	0.39	cps
Scandium	45-2	764207	759460	756795	760154	0.49	cps
Selenium	82-1	2126	2081	1969	2059	3.93	cps
Selenium	77-2	170	217	160	182	16.60	cps
Selenium	78-2	1150	1093	1077	1107	3.47	cps
Silicon	28-1	802937	799958	806999	803298	0.44	cps
Silver	107-1	23559	23332	23105	23332	0.97	cps
Silver	109-1	21940	22501	22594	22345	1.58	cps
Sodium	23-2	565919	565352	563898	565056	0.18	cps
Strontium	86-1	6115	6128	6468	6237	3.21	cps
Strontium	88-1	49974	51382	52921	51426	2.87	cps
Sulfur	34-1	231555	233033	230943	231844	0.46	cps
Terbium	159-1	18731146	18641355	18410773	18594425	0.89	cps
Terbium	159-2	12912135	13024065	12789634	12908611	0.91	cps
Thallium	203-1	18122	18009	17852	17994	0.75	cps
Thallium	205-1	42175	43315	42643	42711	1.34	cps
Tin	118-1	76750	78606	75891	77083	1.80	cps
Titanium	47-1	11534	11398	15370	12767	17.66	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P7
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:51:14 DataFile Name : 013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54796	55147	54641	54861	0.47	cps
Vanadium	51-2	33046	33858	33156	33354	1.32	cps
Yttrium	89-1	17295965	16991917	16646803	16978228	1.91	cps
Yttrium	89-2	5025858	4977392	5001519	5001589	0.48	cps
Zinc	66-2	8583	8603	8232	8472	2.46	cps
Zirconium	90-1	30979	31507	32554	31680	2.53	cps
Zirconium	91-1	7135	6985	7245	7122	1.83	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	200	220	212	5.05	cps
Antimony	121-1	177	187	190	184	3.76	cps
Arsenic	75-2	47	60	50	52	13.28	cps
Barium	135-1	160	140	130	143	10.66	cps
Barium	137-1	220	290	203	238	19.34	cps
Beryllium	9-1	133	197	207	179	22.23	cps
Bismuth	209-1	11819093	11421917	11542584	11594531	1.76	cps
Bismuth	209-2	9062856	8904997	8942188	8970014	0.92	cps
Bromine	81-1	13903	13693	13460	13685	1.62	cps
Bromine	81-2	210	187	240	212	12.60	cps
Cadmium	108-1	23	20	30	24	20.83	cps
Cadmium	106-1	4684	4654	4667	4669	0.32	cps
Cadmium	111-1	1004	980	976	987	1.53	cps
Calcium	43-1	763	817	797	792	3.40	cps
Calcium	44-1	25272	24153	23692	24372	3.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2670	2550	2720	2647	3.30	cps
Cobalt	59-2	370	320	333	341	7.59	cps
Copper	63-2	1477	1377	1490	1448	4.28	cps
Dysprosium	156-1	7	7	13	9	43.25	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	73	100	97	90	16.15	cps
Erbium	164-2	43	47	53	48	10.66	cps
Gadolinium	160-1	57	63	73	64	13.01	cps
Gadolinium	160-2	837	783	703	774	8.67	cps
Holmium	165-1	18635207	18457311	18421740	18504753	0.62	cps
Holmium	165-2	13324313	13055143	13146169	13175208	1.04	cps
Indium	115-1	15335893	14829722	14998329	15054648	1.71	cps
Indium	115-2	5969610	5828301	5851013	5882975	1.29	cps
Iron	56-2	26988	27094	26610	26897	0.95	cps
Iron	57-2	1510	1640	1580	1577	4.13	cps
Iron	54-2	3404	3384	3460	3416	1.16	cps
Krypton	83-1	233	280	263	259	9.13	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1680	1587	1607	1625	3.03	cps
Lead	207-1	1257	1413	1433	1368	7.07	cps
Lead	208-1	6734	6394	6477	6535	2.71	cps
Lithium	6-1	1928584	1924063	1902678	1918442	0.72	cps
Magnesium	24-2	2304	2377	2440	2374	2.88	cps
Manganese	55-2	1110	947	957	1004	9.11	cps
Molybdenum	94-1	647	657	627	643	2.37	cps
Molybdenum	95-1	407	427	407	413	2.79	cps
Molybdenum	96-1	510	550	523	528	3.86	cps
Molybdenum	97-1	237	290	310	279	13.59	cps
Molybdenum	98-1	693	713	660	689	3.91	cps
Neodymium	150-1	0	3	20	8	137.80	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	903	897	983	928	5.20	cps
Phosphorus	31-2	310	383	350	348	10.56	cps
Potassium	39-2	69263	69571	70368	69734	0.82	cps
Rhodium	103-1	14494942	14232907	14172816	14300222	1.20	cps
Rhodium	103-2	9111346	9031499	8934124	9025657	0.98	cps
Scandium	45-1	8167597	8041976	7989984	8066519	1.13	cps
Scandium	45-2	782302	783173	778878	781451	0.29	cps
Selenium	82-1	905	697	694	765	15.85	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	537	530	553	540	2.23	cps
Silicon	28-1	738541	736299	738838	737893	0.19	cps
Silver	107-1	300	327	233	287	16.77	cps
Silver	109-1	263	217	210	230	12.64	cps
Sodium	23-2	30520	29689	30520	30243	1.59	cps
Strontium	86-1	493	527	580	533	8.20	cps
Strontium	88-1	793	833	820	816	2.50	cps
Sulfur	34-1	238462	236869	238936	238089	0.45	cps
Terbium	159-1	19175917	18865796	18665521	18902411	1.36	cps
Terbium	159-2	13273630	13310245	13072848	13218908	0.97	cps
Thallium	203-1	507	450	437	464	8.00	cps
Thallium	205-1	1187	1033	1083	1101	7.10	cps
Tin	118-1	3174	3047	3137	3119	2.09	cps
Titanium	47-1	153	127	147	142	9.76	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 13:58:15 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	53	70	60	14.70	cps
Vanadium	51-2	20	20	30	23	24.74	cps
Yttrium	89-1	17512016	17367955	17567165	17482378	0.59	cps
Yttrium	89-2	5111003	5093951	5054484	5086479	0.57	cps
Zinc	66-2	960	1027	970	986	3.65	cps
Zirconium	90-1	1017	1003	1007	1009	0.69	cps
Zirconium	91-1	213	140	190	181	20.69	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37633070	36972465	37890626	37498721	1.26	cps
Antimony	121-1	20378	20551	21252	20727	2.23	cps
Arsenic	75-2	393	427	397	406	4.53	cps
Barium	135-1	6685	6875	6642	6734	1.84	cps
Barium	137-1	11358	11635	11501	11498	1.20	cps
Beryllium	9-1	643	540	547	577	10.03	cps
Bismuth	209-1	11898865	11941031	11928918	11922938	0.18	cps
Bismuth	209-2	8612463	8526010	8673879	8604118	0.86	cps
Bromine	81-1	18291	18982	18555	18610	1.87	cps
Bromine	81-2	503	507	460	490	5.31	cps
Cadmium	108-1	3010	3147	2870	3009	4.60	cps
Cadmium	106-1	4541	4371	4634	4515	2.96	cps
Cadmium	111-1	2601	2632	2738	2657	2.70	cps
Calcium	43-1	4209552	4284224	4223209	4238995	0.94	cps
Calcium	44-1	68692782	69924876	69338167	69318608	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150849	151438	151886	151391	0.34	cps
Cobalt	59-2	15098	14861	15295	15084	1.44	cps
Copper	63-2	62125	63327	64297	63250	1.72	cps
Dysprosium	156-1	57	87	63	69	22.87	cps
Dysprosium	156-2	67	53	77	66	17.86	cps
Erbium	164-1	160	183	123	156	19.44	cps
Erbium	164-2	83	73	77	78	6.55	cps
Gadolinium	160-1	150	137	180	156	14.27	cps
Gadolinium	160-2	783	773	783	780	0.74	cps
Holmium	165-1	20264045	20215625	20152145	20210605	0.28	cps
Holmium	165-2	13656504	13621771	13596284	13624853	0.22	cps
Indium	115-1	15920534	15860448	15655429	15812137	0.88	cps
Indium	115-2	5844022	5856706	5760431	5820386	0.90	cps
Iron	56-2	681821963	685014230	678721670	681852621	0.46	cps
Iron	57-2	17027794	17075620	17120640	17074685	0.27	cps
Iron	54-2	37176692	37120065	36991917	37096225	0.26	cps
Krypton	83-1	337	340	280	319	10.57	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98782	83581	79661	87342	11.56	cps
Lead	207-1	80735	67721	64060	70839	12.37	cps
Lead	208-1	377007	320492	297376	331625	12.35	cps
Lithium	6-1	1631035	1611407	1607196	1616546	0.79	cps
Magnesium	24-2	62048379	62327871	63608094	62661448	1.33	cps
Manganese	55-2	47495	47829	47558	47627	0.37	cps
Molybdenum	94-1	10059959	10137139	10218138	10138412	0.78	cps
Molybdenum	95-1	17644376	17952114	17827222	17807904	0.87	cps
Molybdenum	96-1	19044977	19188106	19028893	19087325	0.46	cps
Molybdenum	97-1	11028322	11169745	11056042	11084703	0.68	cps
Molybdenum	98-1	28333399	28676970	28812762	28607710	0.86	cps
Neodymium	150-1	83	97	107	96	12.25	cps
Neodymium	150-2	40	20	63	41	52.75	cps
Nickel	60-2	17650	17147	17053	17283	1.86	cps
Phosphorus	31-2	1954470	1922274	1911936	1929560	1.15	cps
Potassium	39-2	81166012	80298482	80956280	80806925	0.56	cps
Rhodium	103-1	14640320	14452501	14137691	14410170	1.76	cps
Rhodium	103-2	8836399	8805835	8742428	8794887	0.55	cps
Scandium	45-1	8102264	8064650	8080893	8082602	0.23	cps
Scandium	45-2	789159	788608	787953	788573	0.08	cps
Selenium	82-1	691	613	687	663	6.58	cps
Selenium	77-2	0	3	27	10	145.32	cps
Selenium	78-2	583	643	467	564	15.92	cps
Silicon	28-1	798063	806467	802748	802426	0.52	cps
Silver	107-1	667	663	680	670	1.32	cps
Silver	109-1	587	617	577	593	3.51	cps
Sodium	23-2	103622162	103524205	103510842	103552403	0.06	cps
Strontium	86-1	195274	195799	195347	195473	0.15	cps
Strontium	88-1	1670892	1734013	1716620	1707175	1.91	cps
Sulfur	34-1	5882241	5990494	5931949	5934895	0.91	cps
Terbium	159-1	20824049	20760396	20897129	20827191	0.33	cps
Terbium	159-2	13629341	13582268	13326562	13512724	1.21	cps
Thallium	203-1	2104	2054	1850	2002	6.70	cps
Thallium	205-1	5088	4734	4494	4772	6.26	cps
Tin	118-1	6965	6552	6105	6540	6.58	cps
Titanium	47-1	4061611	4111639	4046891	4073380	0.83	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:26:39 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	997	900	963	953	5.15	cps
Vanadium	51-2	1277	1280	1423	1327	6.31	cps
Yttrium	89-1	18638582	18702828	18680869	18674093	0.17	cps
Yttrium	89-2	5183694	5225997	5218156	5209282	0.43	cps
Zinc	66-2	17113	16266	16946	16775	2.68	cps
Zirconium	90-1	3494	3604	3244	3447	5.35	cps
Zirconium	91-1	747	760	700	736	4.28	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39093520	39142804	39052868	39096397	0.12	cps
Antimony	121-1	406066	411126	412012	409735	0.78	cps
Arsenic	75-2	21566	20821	21262	21216	1.76	cps
Barium	135-1	101015	102270	103842	102375	1.38	cps
Barium	137-1	175354	178785	179515	177885	1.25	cps
Beryllium	9-1	30016	30523	29194	29911	2.24	cps
Bismuth	209-1	11991146	12078057	12039825	12036343	0.36	cps
Bismuth	209-2	8824163	8748199	8685472	8752611	0.79	cps
Bromine	81-1	18528	18896	18695	18706	0.98	cps
Bromine	81-2	643	683	613	647	5.43	cps
Cadmium	108-1	9183	9120	9610	9304	2.87	cps
Cadmium	106-1	13803	14060	14030	13965	1.01	cps
Cadmium	111-1	95708	97716	97424	96949	1.12	cps
Calcium	43-1	4406877	4474714	4458248	4446613	0.80	cps
Calcium	44-1	72069802	72272416	72135402	72159207	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	309243	311595	309849	310229	0.39	cps
Cobalt	59-2	254791	259571	256171	256845	0.96	cps
Copper	63-2	229974	231645	231347	230989	0.39	cps
Dysprosium	156-1	87	93	87	89	4.33	cps
Dysprosium	156-2	37	67	50	51	29.41	cps
Erbium	164-1	173	143	143	153	11.30	cps
Erbium	164-2	97	113	113	108	8.93	cps
Gadolinium	160-1	150	187	113	150	24.45	cps
Gadolinium	160-2	873	823	840	846	3.01	cps
Holmium	165-1	21021743	20636479	20716772	20791665	0.98	cps
Holmium	165-2	13949579	13814136	13747435	13837050	0.74	cps
Indium	115-1	15858574	16020048	16189342	16022655	1.03	cps
Indium	115-2	5859422	5844908	5903869	5869399	0.52	cps
Iron	56-2	714702736	709187403	705696603	709862247	0.64	cps
Iron	57-2	17551802	17732544	17782763	17689036	0.69	cps
Iron	54-2	38605513	38652763	38235411	38497896	0.59	cps
Krypton	83-1	327	267	257	283	13.36	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	385773	380004	379908	381895	0.88	cps
Lead	207-1	323131	320275	323077	322161	0.51	cps
Lead	208-1	1489406	1472428	1472685	1478173	0.66	cps
Lithium	6-1	1585672	1595036	1534984	1571897	2.06	cps
Magnesium	24-2	65317079	65189989	65897672	65468247	0.58	cps
Manganese	55-2	168414	168316	167680	168137	0.24	cps
Molybdenum	94-1	10546185	10708234	10735757	10663392	0.96	cps
Molybdenum	95-1	18341065	18719101	18785168	18615112	1.29	cps
Molybdenum	96-1	19804721	20147387	20154133	20035414	1.00	cps
Molybdenum	97-1	11649254	11680568	11715050	11681624	0.28	cps
Molybdenum	98-1	29754397	30137690	30147615	30013234	0.75	cps
Neodymium	150-1	100	97	93	97	3.45	cps
Neodymium	150-2	60	53	57	57	5.89	cps
Nickel	60-2	79405	78166	77569	78380	1.19	cps
Phosphorus	31-2	2038553	1991116	2034450	2021373	1.30	cps
Potassium	39-2	84259807	84278490	85232119	84590139	0.66	cps
Rhodium	103-1	14673216	14561929	14519786	14584977	0.54	cps
Rhodium	103-2	8858856	8928422	8892595	8893291	0.39	cps
Scandium	45-1	8047932	8112060	8020492	8060161	0.58	cps
Scandium	45-2	793365	789379	789844	790862	0.28	cps
Selenium	82-1	6635	6558	6426	6540	1.62	cps
Selenium	77-2	707	593	633	644	8.92	cps
Selenium	78-2	2870	2774	2777	2807	1.96	cps
Silicon	28-1	820123	828939	831068	826710	0.70	cps
Silver	107-1	456762	467910	471478	465383	1.65	cps
Silver	109-1	437567	445187	449034	443929	1.31	cps
Sodium	23-2	106527498	106743188	106627645	106632777	0.10	cps
Strontium	86-1	205260	205763	205871	205631	0.16	cps
Strontium	88-1	1759160	1784432	1810538	1784710	1.44	cps
Sulfur	34-1	6019062	6031795	6107613	6052823	0.79	cps
Terbium	159-1	21298939	21382909	21053148	21244999	0.81	cps
Terbium	159-2	13734812	13638767	13517881	13630487	0.80	cps
Thallium	203-1	369761	373248	373720	372243	0.58	cps
Thallium	205-1	879606	881639	887398	882881	0.46	cps
Tin	118-1	5881	5991	5718	5863	2.35	cps
Titanium	47-1	4205487	4315672	4213903	4245021	1.44	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:29:42 DataFile Name : 022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	930	1070	1103	1034	8.89	cps
Vanadium	51-2	133894	132895	132482	133090	0.55	cps
Yttrium	89-1	19062401	18869972	18850622	18927665	0.62	cps
Yttrium	89-2	5270648	5264438	5295851	5276979	0.32	cps
Zinc	66-2	46693	46736	47044	46824	0.41	cps
Zirconium	90-1	1457	1513	1500	1490	1.99	cps
Zirconium	91-1	327	360	390	359	8.83	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22033476	22046016	22065626	22048373	0.07	cps
Antimony	121-1	10411009	10626996	10529831	10522612	1.03	cps
Arsenic	75-2	573687	570067	573313	572356	0.35	cps
Barium	135-1	12437612	12642608	12538396	12539539	0.82	cps
Barium	137-1	21802818	21882487	21690517	21791941	0.44	cps
Beryllium	9-1	747557	762635	763754	757982	1.19	cps
Bismuth	209-1	12140971	11929292	11735304	11935189	1.70	cps
Bismuth	209-2	8417892	8427361	8314560	8386605	0.75	cps
Bromine	81-1	16690	16686	17043	16806	1.22	cps
Bromine	81-2	187	173	123	161	20.72	cps
Cadmium	108-1	197579	198235	197590	197801	0.19	cps
Cadmium	106-1	282482	283021	282315	282606	0.13	cps
Cadmium	111-1	2506650	2537361	2548276	2530762	0.85	cps
Calcium	43-1	11614084	11738789	11632792	11661889	0.58	cps
Calcium	44-1	188935404	190909510	188945277	189596731	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3982569	4036408	4014022	4011000	0.67	cps
Cobalt	59-2	6583420	6625103	6626206	6611576	0.37	cps
Copper	63-2	46735208	46562729	46932171	46743369	0.40	cps
Dysprosium	156-1	587	620	517	574	9.18	cps
Dysprosium	156-2	840	947	987	924	8.20	cps
Erbium	164-1	677	533	587	599	12.10	cps
Erbium	164-2	477	360	383	407	15.18	cps
Gadolinium	160-1	480	537	490	502	6.02	cps
Gadolinium	160-2	1100	997	1150	1082	7.23	cps
Holmium	165-1	21452203	21087833	20645458	21061831	1.92	cps
Holmium	165-2	13601298	13724635	13600459	13642131	0.52	cps
Indium	115-1	16051501	15949574	15674829	15891968	1.23	cps
Indium	115-2	5755030	5708639	5672544	5712071	0.72	cps
Iron	56-2	900102893	896614840	909601106	902106280	0.75	cps
Iron	57-2	22611086	22628691	22438303	22559360	0.47	cps
Iron	54-2	48511671	48733886	48942884	48729480	0.44	cps
Krypton	83-1	300	320	390	337	14.04	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38392561	38140497	37879546	38137535	0.67	cps
Lead	207-1	34046166	33731470	33417011	33731549	0.93	cps
Lead	208-1	153798061	153030558	152379879	153069499	0.46	cps
Lithium	6-1	1563623	1570533	1590086	1574747	0.87	cps
Magnesium	24-2	178551157	176397877	176990877	177313304	0.63	cps
Manganese	55-2	31809135	31904164	32034120	31915806	0.35	cps
Molybdenum	94-1	35444886	36039622	35799446	35761318	0.84	cps
Molybdenum	95-1	51082811	51417118	51501576	51333835	0.43	cps
Molybdenum	96-1	56430189	56460644	56678859	56523231	0.24	cps
Molybdenum	97-1	32143607	32264615	32249710	32219310	0.20	cps
Molybdenum	98-1	82873745	83147579	82868012	82963112	0.19	cps
Neodymium	150-1	780	857	707	781	9.60	cps
Neodymium	150-2	323	240	263	276	15.60	cps
Nickel	60-2	1644311	1679605	1685456	1669790	1.33	cps
Phosphorus	31-2	210332	213187	213292	212270	0.79	cps
Potassium	39-2	110556872	110835288	111046535	110812898	0.22	cps
Rhodium	103-1	14618494	14523102	14299456	14480350	1.13	cps
Rhodium	103-2	8723743	8669862	8665072	8686225	0.38	cps
Scandium	45-1	8359113	8195317	8229722	8261384	1.05	cps
Scandium	45-2	804206	801743	796706	800885	0.48	cps
Selenium	82-1	156609	157540	156376	156841	0.39	cps
Selenium	77-2	16946	17120	17013	17027	0.51	cps
Selenium	78-2	58518	57772	58595	58295	0.78	cps
Silicon	28-1	22608219	22870688	22786654	22755187	0.59	cps
Silver	107-1	13070216	13006963	12980191	13019123	0.36	cps
Silver	109-1	12480117	12492443	12562371	12511644	0.35	cps
Sodium	23-2	273596729	273418943	271937616	272984429	0.33	cps
Strontium	86-1	3147376	3146470	3116560	3136802	0.56	cps
Strontium	88-1	27665867	27384131	27497327	27515775	0.52	cps
Sulfur	34-1	803222	816862	810198	810094	0.84	cps
Terbium	159-1	21579899	21108540	21177282	21288574	1.20	cps
Terbium	159-2	13609926	13499630	13416579	13508712	0.72	cps
Thallium	203-1	9647171	9525439	9488708	9553773	0.87	cps
Thallium	205-1	22955699	22672681	22566795	22731725	0.88	cps
Tin	118-1	8285621	8443424	8387548	8372198	0.96	cps
Titanium	47-1	11162641	11265756	11313814	11247403	0.69	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:32:44 DataFile Name : 023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31301303	31379037	31398443	31359594	0.16	cps
Vanadium	51-2	3532685	3532377	3585681	3550248	0.86	cps
Yttrium	89-1	19395321	19201017	19066281	19220873	0.86	cps
Yttrium	89-2	5361010	5285108	5331129	5325749	0.72	cps
Zinc	66-2	7837351	7754583	7751778	7781237	0.62	cps
Zirconium	90-1	17317209	17554883	17315474	17395856	0.79	cps
Zirconium	91-1	3866474	3885727	3903614	3885271	0.48	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3374	3714	3104	3397	9.00	cps
Antimony	121-1	2470	2244	2107	2274	8.07	cps
Arsenic	75-2	60	77	77	71	13.53	cps
Barium	135-1	923	880	817	873	6.14	cps
Barium	137-1	1713	1510	1513	1579	7.38	cps
Beryllium	9-1	290	240	290	273	10.56	cps
Bismuth	209-1	12937364	12808037	12688660	12811354	0.97	cps
Bismuth	209-2	9289894	9386212	9354557	9343554	0.53	cps
Bromine	81-1	16680	16733	16730	16714	0.18	cps
Bromine	81-2	263	240	233	246	6.41	cps
Cadmium	108-1	27	23	43	31	34.44	cps
Cadmium	106-1	4858	4784	4824	4822	0.76	cps
Cadmium	111-1	1346	1197	1211	1252	6.58	cps
Calcium	43-1	1867	1810	1683	1787	5.25	cps
Calcium	44-1	41517	39117	38533	39722	3.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3140	2954	3247	3114	4.77	cps
Cobalt	59-2	677	777	650	701	9.52	cps
Copper	63-2	4434	4868	3887	4396	11.17	cps
Dysprosium	156-1	17	17	7	13	43.29	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	60	70	87	72	18.66	cps
Erbium	164-2	50	33	50	44	21.66	cps
Gadolinium	160-1	57	70	87	71	21.14	cps
Gadolinium	160-2	713	740	773	742	4.05	cps
Holmium	165-1	20794492	20616978	20519394	20643621	0.68	cps
Holmium	165-2	13777097	13649260	13707460	13711272	0.47	cps
Indium	115-1	16610555	16598781	16643450	16617595	0.14	cps
Indium	115-2	6122617	6079662	6093151	6098477	0.36	cps
Iron	56-2	122401	128568	107545	119504	9.04	cps
Iron	57-2	3744	4007	3367	3706	8.68	cps
Iron	54-2	8709	8643	7966	8439	4.88	cps
Krypton	83-1	310	307	330	316	4.00	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12416	12159	11405	11993	4.38	cps
Lead	207-1	10651	10294	10181	10375	2.37	cps
Lead	208-1	48758	47082	46064	47301	2.88	cps
Lithium	6-1	1718151	1688548	1688762	1698487	1.00	cps
Magnesium	24-2	14307	14941	12472	13906	9.22	cps
Manganese	55-2	2650	2737	2480	2622	4.98	cps
Molybdenum	94-1	3981	3514	3597	3697	6.73	cps
Molybdenum	95-1	5581	4764	4597	4981	10.57	cps
Molybdenum	96-1	5945	5101	5191	5412	8.56	cps
Molybdenum	97-1	3467	2867	2947	3094	10.53	cps
Molybdenum	98-1	8623	7515	7769	7969	7.28	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1090	980	1053	1041	5.38	cps
Phosphorus	31-2	507	467	467	480	4.81	cps
Potassium	39-2	89411	88297	87781	88496	0.94	cps
Rhodium	103-1	15659035	15654421	15596715	15636724	0.22	cps
Rhodium	103-2	9628924	9621924	9455615	9568821	1.03	cps
Scandium	45-1	8429897	8183013	8343571	8318827	1.51	cps
Scandium	45-2	806233	804889	800667	803930	0.36	cps
Selenium	82-1	816	758	680	751	9.09	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	653	647	553	618	9.05	cps
Silicon	28-1	738819	742914	737317	739684	0.39	cps
Silver	107-1	2637	2124	2194	2318	12.01	cps
Silver	109-1	2437	2024	1833	2098	14.71	cps
Sodium	23-2	67386	68033	64200	66540	3.08	cps
Strontium	86-1	787	970	793	850	12.23	cps
Strontium	88-1	2890	2790	2537	2739	6.65	cps
Sulfur	34-1	218499	220453	219416	219456	0.45	cps
Terbium	159-1	21421778	20921784	21202219	21181927	1.18	cps
Terbium	159-2	13704581	13739262	13703248	13715697	0.15	cps
Thallium	203-1	3687	3424	3420	3510	4.36	cps
Thallium	205-1	8416	8012	8376	8268	2.69	cps
Tin	118-1	4614	4394	4397	4469	2.82	cps
Titanium	47-1	1137	1033	1083	1084	4.77	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:36:30 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2327	1910	1977	2071	10.81	cps
Vanadium	51-2	177	203	197	192	7.22	cps
Yttrium	89-1	19057592	19083300	19221818	19120903	0.46	cps
Yttrium	89-2	5412362	5395555	5342605	5383507	0.68	cps
Zinc	66-2	1570	1697	1670	1646	4.06	cps
Zirconium	90-1	2667	2464	2440	2524	4.94	cps
Zirconium	91-1	677	517	500	564	17.28	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10117	10213	9613	9981	3.23	cps
Antimony	121-1	41837	42549	42670	42352	1.06	cps
Arsenic	75-2	1337	1207	1277	1273	5.11	cps
Barium	135-1	49342	50309	50335	49995	1.13	cps
Barium	137-1	87369	87983	88218	87857	0.50	cps
Beryllium	9-1	2057	2090	1960	2036	3.32	cps
Bismuth	209-1	12993514	12824125	12804000	12873880	0.81	cps
Bismuth	209-2	9365608	9449210	9388584	9401134	0.46	cps
Bromine	81-1	16683	17107	16823	16871	1.28	cps
Bromine	81-2	100	140	90	110	24.05	cps
Cadmium	108-1	430	410	497	446	10.18	cps
Cadmium	106-1	5398	5384	5411	5398	0.25	cps
Cadmium	111-1	6476	6474	6419	6457	0.50	cps
Calcium	43-1	26253	26500	27368	26707	2.19	cps
Calcium	44-1	442382	447254	448422	446019	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19903	19790	20033	19909	0.61	cps
Cobalt	59-2	14721	14400	14557	14559	1.10	cps
Copper	63-2	21435	21162	21092	21230	0.86	cps
Dysprosium	156-1	20	40	30	30	33.33	cps
Dysprosium	156-2	23	20	3	16	68.90	cps
Erbium	164-1	97	83	97	92	8.35	cps
Erbium	164-2	80	57	53	63	22.94	cps
Gadolinium	160-1	77	80	57	71	17.74	cps
Gadolinium	160-2	750	697	847	764	9.95	cps
Holmium	165-1	20958967	20825279	20848841	20877696	0.34	cps
Holmium	165-2	13835334	13937245	13805158	13859246	0.50	cps
Indium	115-1	16968941	16755765	16937725	16887477	0.68	cps
Indium	115-2	6217925	6233521	6242774	6231407	0.20	cps
Iron	56-2	466137	460680	455380	460732	1.17	cps
Iron	57-2	12869	12685	12502	12685	1.45	cps
Iron	54-2	27939	27271	27382	27531	1.30	cps
Krypton	83-1	277	360	323	320	13.05	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21030	21160	20743	20977	1.02	cps
Lead	207-1	18776	18890	18773	18813	0.35	cps
Lead	208-1	83914	85415	84350	84560	0.91	cps
Lithium	6-1	1720926	1724783	1690744	1712151	1.09	cps
Magnesium	24-2	373449	371528	370627	371868	0.39	cps
Manganese	55-2	7896	7832	7842	7857	0.43	cps
Molybdenum	94-1	42281	43478	43458	43072	1.59	cps
Molybdenum	95-1	52654	52949	52848	52817	0.28	cps
Molybdenum	96-1	57221	59567	58888	58559	2.06	cps
Molybdenum	97-1	32633	32433	33305	32790	1.39	cps
Molybdenum	98-1	85102	84710	85277	85030	0.34	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	4374	4474	4374	4407	1.31	cps
Phosphorus	31-2	957	1050	1170	1059	10.10	cps
Potassium	39-2	559367	553277	558426	557023	0.59	cps
Rhodium	103-1	16010777	15914385	15882909	15936024	0.42	cps
Rhodium	103-2	9701543	9728229	9761319	9730363	0.31	cps
Scandium	45-1	8506260	8446126	8646904	8533096	1.21	cps
Scandium	45-2	830793	821196	829116	827035	0.62	cps
Selenium	82-1	2372	2419	2341	2377	1.66	cps
Selenium	77-2	203	173	217	198	11.22	cps
Selenium	78-2	1220	1133	1250	1201	5.04	cps
Silicon	28-1	797645	798164	799621	798476	0.13	cps
Silver	107-1	26531	27456	27075	27021	1.72	cps
Silver	109-1	24988	25095	25913	25332	2.00	cps
Sodium	23-2	614511	607135	605794	609147	0.77	cps
Strontium	86-1	7018	7355	7118	7164	2.41	cps
Strontium	88-1	56652	57488	58178	57439	1.33	cps
Sulfur	34-1	236661	236786	237957	237135	0.30	cps
Terbium	159-1	21405705	21214142	21130058	21249968	0.66	cps
Terbium	159-2	14077961	13911279	13992808	13994016	0.60	cps
Thallium	203-1	22586	23203	22672	22820	1.47	cps
Thallium	205-1	54241	54981	54639	54620	0.68	cps
Tin	118-1	89167	89891	89905	89654	0.47	cps
Titanium	47-1	12015	11811	11968	11931	0.89	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:44:01 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59314	59887	59807	59669	0.52	cps
Vanadium	51-2	36340	36364	36474	36393	0.20	cps
Yttrium	89-1	19653332	19450780	19533219	19545777	0.52	cps
Yttrium	89-2	5564492	5537594	5533861	5545315	0.30	cps
Zinc	66-2	9436	9083	8959	9160	2.70	cps
Zirconium	90-1	35165	36004	35767	35645	1.21	cps
Zirconium	91-1	7739	8066	7889	7898	2.07	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2140	1767	1587	1831	15.41	cps
Antimony	121-1	307	327	330	321	3.93	cps
Arsenic	75-2	43	83	30	52	53.16	cps
Barium	135-1	237	173	177	196	18.23	cps
Barium	137-1	377	353	390	373	4.97	cps
Beryllium	9-1	200	163	150	171	15.13	cps
Bismuth	209-1	13024191	12905334	12880796	12936774	0.59	cps
Bismuth	209-2	9477410	9434121	9463861	9458464	0.23	cps
Bromine	81-1	16162	16516	16596	16425	1.41	cps
Bromine	81-2	90	90	107	96	10.07	cps
Cadmium	108-1	13	20	13	16	24.76	cps
Cadmium	106-1	5108	5048	5214	5123	1.65	cps
Cadmium	111-1	1096	1056	1107	1086	2.48	cps
Calcium	43-1	787	707	743	746	5.37	cps
Calcium	44-1	24460	22878	22731	23356	4.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2497	2790	2590	2626	5.71	cps
Cobalt	59-2	553	470	493	506	8.50	cps
Copper	63-2	2530	2197	2164	2297	8.83	cps
Dysprosium	156-1	23	23	7	18	54.11	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	113	80	100	98	17.16	cps
Erbium	164-2	47	53	53	51	7.52	cps
Gadolinium	160-1	110	67	63	80	32.54	cps
Gadolinium	160-2	777	803	787	789	1.71	cps
Holmium	165-1	20925874	20755432	20640253	20773853	0.69	cps
Holmium	165-2	13843417	13850661	13992528	13895535	0.61	cps
Indium	115-1	16930634	16768227	16814563	16837808	0.50	cps
Indium	115-2	6269516	6261692	6238345	6256518	0.26	cps
Iron	56-2	70712	65877	61810	66133	6.74	cps
Iron	57-2	2604	2530	2540	2558	1.56	cps
Iron	54-2	5821	5828	4944	5531	9.19	cps
Krypton	83-1	257	287	297	280	7.43	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4254	4231	3957	4147	3.98	cps
Lead	207-1	3634	3651	3300	3528	5.60	cps
Lead	208-1	16634	15954	15660	16083	3.11	cps
Lithium	6-1	1724547	1738507	1718386	1727147	0.60	cps
Magnesium	24-2	7262	6238	6065	6521	9.92	cps
Manganese	55-2	1460	1430	1320	1403	5.25	cps
Molybdenum	94-1	1330	1100	1057	1162	12.64	cps
Molybdenum	95-1	1497	1157	1103	1252	17.04	cps
Molybdenum	96-1	1533	1373	1483	1463	5.59	cps
Molybdenum	97-1	877	793	753	808	7.79	cps
Molybdenum	98-1	2354	1910	2024	2096	10.99	cps
Neodymium	150-1	3	13	13	10	57.75	cps
Neodymium	150-2	7	20	7	11	69.25	cps
Nickel	60-2	960	940	907	936	2.88	cps
Phosphorus	31-2	457	443	413	438	5.07	cps
Potassium	39-2	82485	81513	80501	81500	1.22	cps
Rhodium	103-1	16021339	15980969	15905490	15969266	0.37	cps
Rhodium	103-2	9899292	9801251	9762950	9821165	0.72	cps
Scandium	45-1	8747665	8509987	8550614	8602755	1.48	cps
Scandium	45-2	825625	827793	833480	828966	0.49	cps
Selenium	82-1	889	794	721	801	10.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	557	550	643	583	8.93	cps
Silicon	28-1	757525	760352	763567	760481	0.40	cps
Silver	107-1	593	507	497	532	9.99	cps
Silver	109-1	527	363	443	444	18.38	cps
Sodium	23-2	45681	43759	43922	44454	2.40	cps
Strontium	86-1	617	500	580	566	10.55	cps
Strontium	88-1	807	727	713	749	6.74	cps
Sulfur	34-1	235669	236573	237237	236493	0.33	cps
Terbium	159-1	21440705	21094213	21120838	21218586	0.91	cps
Terbium	159-2	14171133	13728916	13809957	13903335	1.69	cps
Thallium	203-1	3477	3664	3527	3556	2.72	cps
Thallium	205-1	8743	8363	8343	8483	2.66	cps
Tin	118-1	3954	3901	3727	3861	3.07	cps
Titanium	47-1	360	380	340	360	5.56	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BL Instrumnet Name : P7
Client Sample ID : PB165237BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:47:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	517	437	360	438	17.89	cps
Vanadium	51-2	73	100	60	78	26.19	cps
Yttrium	89-1	19666831	19435064	19334449	19478781	0.88	cps
Yttrium	89-2	5569366	5479070	5505430	5517955	0.84	cps
Zinc	66-2	940	840	907	896	5.69	cps
Zirconium	90-1	1343	1447	1110	1300	13.27	cps
Zirconium	91-1	293	223	283	267	14.20	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20053	19719	19783	19852	0.89	cps
Antimony	121-1	84191	84181	83105	83826	0.74	cps
Arsenic	75-2	2517	2380	2250	2382	5.60	cps
Barium	135-1	99662	99646	99595	99634	0.03	cps
Barium	137-1	173633	174639	175016	174429	0.41	cps
Beryllium	9-1	3617	3794	3737	3716	2.43	cps
Bismuth	209-1	13019987	12761710	12901129	12894276	1.00	cps
Bismuth	209-2	9567068	9494330	9466484	9509294	0.55	cps
Bromine	81-1	16917	16469	17010	16799	1.72	cps
Bromine	81-2	127	93	140	120	20.03	cps
Cadmium	108-1	707	693	687	696	1.46	cps
Cadmium	106-1	6471	6175	6205	6284	2.60	cps
Cadmium	111-1	9999	10530	10007	10179	2.99	cps
Calcium	43-1	50430	50256	50591	50426	0.33	cps
Calcium	44-1	831372	836597	833845	833938	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38399	36828	37654	37627	2.09	cps
Cobalt	59-2	27442	27839	28243	27841	1.44	cps
Copper	63-2	43496	43456	43155	43369	0.43	cps
Dysprosium	156-1	10	23	23	19	40.75	cps
Dysprosium	156-2	27	17	10	18	47.19	cps
Erbium	164-1	73	60	70	68	10.24	cps
Erbium	164-2	70	60	53	61	13.73	cps
Gadolinium	160-1	130	63	87	93	36.25	cps
Gadolinium	160-2	707	800	787	764	6.60	cps
Holmium	165-1	21064100	20939638	20807684	20937140	0.61	cps
Holmium	165-2	14292617	13971844	13814441	14026301	1.74	cps
Indium	115-1	17005074	16951677	17036486	16997746	0.25	cps
Indium	115-2	6334611	6305905	6257349	6299288	0.62	cps
Iron	56-2	3260346	3232852	3229908	3241035	0.52	cps
Iron	57-2	86112	85602	84436	85383	1.01	cps
Iron	54-2	187177	185103	184995	185759	0.66	cps
Krypton	83-1	287	263	323	291	10.39	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36165	36379	35289	35944	1.61	cps
Lead	207-1	31563	31009	31206	31259	0.90	cps
Lead	208-1	143615	144028	142449	143364	0.57	cps
Lithium	6-1	1759485	1739439	1768174	1755700	0.84	cps
Magnesium	24-2	751233	746933	750618	749595	0.31	cps
Manganese	55-2	14931	15131	14671	14911	1.55	cps
Molybdenum	94-1	86557	87184	86382	86708	0.49	cps
Molybdenum	95-1	106403	105530	104812	105582	0.75	cps
Molybdenum	96-1	118116	115710	118014	117280	1.16	cps
Molybdenum	97-1	65687	67036	65677	66133	1.18	cps
Molybdenum	98-1	170134	170279	167427	169280	0.95	cps
Neodymium	150-1	17	33	10	20	60.08	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	8216	8229	7782	8076	3.15	cps
Phosphorus	31-2	387	490	370	416	15.64	cps
Potassium	39-2	1066391	1059665	1064733	1063596	0.33	cps
Rhodium	103-1	16097397	16233143	16064588	16131709	0.55	cps
Rhodium	103-2	9904188	9879923	9740019	9841376	0.90	cps
Scandium	45-1	8634852	8569883	8608814	8604516	0.38	cps
Scandium	45-2	842939	835487	833703	837376	0.59	cps
Selenium	82-1	4256	4095	4007	4119	3.07	cps
Selenium	77-2	333	440	347	373	15.57	cps
Selenium	78-2	1940	1773	1920	1878	4.85	cps
Silicon	28-1	921370	922402	926935	923569	0.32	cps
Silver	107-1	53495	53712	53615	53607	0.20	cps
Silver	109-1	50026	51003	51264	50764	1.29	cps
Sodium	23-2	1207822	1210734	1213828	1210795	0.25	cps
Strontium	86-1	13246	13967	13349	13521	2.88	cps
Strontium	88-1	114397	115435	115160	114997	0.47	cps
Sulfur	34-1	247452	243345	246371	245723	0.87	cps
Terbium	159-1	21436199	21332436	21201918	21323518	0.55	cps
Terbium	159-2	14055843	13774544	14076816	13969068	1.21	cps
Thallium	203-1	43091	42245	42235	42524	1.16	cps
Thallium	205-1	101512	102240	100575	101442	0.82	cps
Tin	118-1	4401	4121	4301	4274	3.32	cps
Titanium	47-1	23899	24390	23939	24076	1.13	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165237BS Instrumnet Name : P7
Client Sample ID : PB165237BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:50:57 DataFile Name : 027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	121081	122449	120169	121233	0.95	cps
Vanadium	51-2	73501	73247	72463	73070	0.74	cps
Yttrium	89-1	19755823	19728696	19801306	19761942	0.19	cps
Yttrium	89-2	5596917	5527503	5417464	5513961	1.64	cps
Zinc	66-2	18231	18298	17907	18146	1.15	cps
Zirconium	90-1	72317	71667	71155	71713	0.81	cps
Zirconium	91-1	15965	15775	16393	16044	1.97	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533	1430	1387	1450	5.20	cps
Antimony	121-1	327	323	317	322	1.58	cps
Arsenic	75-2	40	33	47	40	16.68	cps
Barium	135-1	303	293	217	271	17.49	cps
Barium	137-1	473	380	347	400	16.42	cps
Beryllium	9-1	213	180	180	191	10.07	cps
Bismuth	209-1	12875073	12844230	12791638	12836980	0.33	cps
Bismuth	209-2	9259862	9232557	9379927	9290782	0.84	cps
Bromine	81-1	17320	16913	17240	17158	1.26	cps
Bromine	81-2	103	133	93	110	18.93	cps
Cadmium	108-1	17	13	20	17	20.01	cps
Cadmium	106-1	5124	5274	5194	5198	1.44	cps
Cadmium	111-1	1133	1152	1102	1129	2.27	cps
Calcium	43-1	940	1000	873	938	6.76	cps
Calcium	44-1	25108	24791	22918	24272	4.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2727	2910	2737	2791	3.69	cps
Cobalt	59-2	503	407	540	483	14.25	cps
Copper	63-2	1830	1700	1860	1797	4.73	cps
Dysprosium	156-1	23	27	10	20	44.10	cps
Dysprosium	156-2	3	7	20	10	88.20	cps
Erbium	164-1	90	83	87	87	3.85	cps
Erbium	164-2	73	73	73	73	0.00	cps
Gadolinium	160-1	80	53	83	72	22.77	cps
Gadolinium	160-2	730	790	787	769	4.39	cps
Holmium	165-1	21080494	20600621	20565336	20748817	1.39	cps
Holmium	165-2	13728486	13757195	13748712	13744798	0.11	cps
Indium	115-1	17141005	16942199	17031625	17038276	0.58	cps
Indium	115-2	6218999	6229925	6188281	6212402	0.35	cps
Iron	56-2	49588	45549	45321	46820	5.13	cps
Iron	57-2	2063	1853	2043	1987	5.83	cps
Iron	54-2	4611	4431	4401	4481	2.54	cps
Krypton	83-1	340	287	243	290	16.70	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3374	3204	3050	3209	5.04	cps
Lead	207-1	2800	2940	2690	2810	4.46	cps
Lead	208-1	13133	12772	11962	12622	4.75	cps
Lithium	6-1	1749746	1781513	1725725	1752328	1.60	cps
Magnesium	24-2	4327	4004	3884	4072	5.63	cps
Manganese	55-2	1153	1113	1023	1097	6.07	cps
Molybdenum	94-1	1437	1357	1217	1337	8.33	cps
Molybdenum	95-1	1763	1540	1527	1610	8.26	cps
Molybdenum	96-1	1890	1757	1370	1672	16.15	cps
Molybdenum	97-1	1053	963	780	932	14.94	cps
Molybdenum	98-1	2757	2707	2187	2550	12.38	cps
Neodymium	150-1	0	0	10	3	173.21	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	960	1070	887	972	9.49	cps
Phosphorus	31-2	397	380	400	392	2.73	cps
Potassium	39-2	80562	79801	79948	80104	0.50	cps
Rhodium	103-1	16049113	16117574	15749901	15972196	1.22	cps
Rhodium	103-2	9740633	9797198	9668575	9735469	0.66	cps
Scandium	45-1	8571018	8576624	8543943	8563862	0.20	cps
Scandium	45-2	829738	829845	825675	828419	0.29	cps
Selenium	82-1	671	733	731	712	4.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	540	613	580	578	6.35	cps
Silicon	28-1	764744	771596	773419	769920	0.59	cps
Silver	107-1	667	587	623	626	6.40	cps
Silver	109-1	623	610	507	580	11.01	cps
Sodium	23-2	39163	38575	38762	38833	0.77	cps
Strontium	86-1	573	587	563	574	2.04	cps
Strontium	88-1	1000	947	823	923	9.81	cps
Sulfur	34-1	245362	247577	248604	247181	0.67	cps
Terbium	159-1	21159951	21105930	21406681	21224187	0.76	cps
Terbium	159-2	13884577	13864918	13985842	13911779	0.47	cps
Thallium	203-1	3427	3500	3494	3474	1.17	cps
Thallium	205-1	8336	8760	8813	8636	3.03	cps
Tin	118-1	4174	3937	4054	4055	2.92	cps
Titanium	47-1	530	460	420	470	11.85	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BL Instrumnet Name : P7
Client Sample ID : PB165238BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:54:10 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	587	630	433	550	18.79	cps
Vanadium	51-2	53	67	53	58	13.33	cps
Yttrium	89-1	19881446	19581864	19470815	19644708	1.08	cps
Yttrium	89-2	5446205	5518928	5441298	5468810	0.79	cps
Zinc	66-2	860	850	890	867	2.40	cps
Zirconium	90-1	1347	1433	1253	1345	6.70	cps
Zirconium	91-1	273	283	337	298	11.43	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19976	19236	19723	19645	1.92	cps
Antimony	121-1	82827	83977	84285	83696	0.92	cps
Arsenic	75-2	2457	2350	2567	2458	4.41	cps
Barium	135-1	99699	101320	99743	100254	0.92	cps
Barium	137-1	174673	174010	175192	174625	0.34	cps
Beryllium	9-1	3540	3864	3677	3694	4.40	cps
Bismuth	209-1	12957239	13029706	12708369	12898438	1.31	cps
Bismuth	209-2	9280903	9432269	9311767	9341646	0.86	cps
Bromine	81-1	17210	16953	16890	17018	1.00	cps
Bromine	81-2	87	103	133	108	21.94	cps
Cadmium	108-1	633	743	743	707	8.99	cps
Cadmium	106-1	6485	6502	5855	6280	5.87	cps
Cadmium	111-1	10053	10116	9950	10040	0.84	cps
Calcium	43-1	50316	52226	50303	50948	2.17	cps
Calcium	44-1	824313	833641	829144	829033	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37694	37750	38152	37865	0.66	cps
Cobalt	59-2	28520	28287	28043	28283	0.84	cps
Copper	63-2	43229	44132	43396	43586	1.10	cps
Dysprosium	156-1	40	20	33	31	32.73	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	73	97	63	78	22.00	cps
Erbium	164-2	37	53	40	43	20.34	cps
Gadolinium	160-1	60	90	97	82	23.76	cps
Gadolinium	160-2	777	843	753	791	5.90	cps
Holmium	165-1	20996178	20760941	20609123	20788747	0.94	cps
Holmium	165-2	13967364	13835487	13779041	13860631	0.70	cps
Indium	115-1	17167344	16628247	16733706	16843099	1.70	cps
Indium	115-2	6221855	6254758	6221449	6232687	0.31	cps
Iron	56-2	3220186	3262860	3181253	3221433	1.27	cps
Iron	57-2	84925	85357	86074	85452	0.68	cps
Iron	54-2	187478	185993	185110	186194	0.64	cps
Krypton	83-1	260	337	303	300	12.81	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	34831	34377	34704	34637	0.68	cps
Lead	207-1	30735	31259	30528	30841	1.22	cps
Lead	208-1	139127	140005	140287	139806	0.43	cps
Lithium	6-1	1806798	1764242	1735379	1768806	2.03	cps
Magnesium	24-2	756694	754668	749467	753610	0.49	cps
Manganese	55-2	14964	14540	14854	14786	1.49	cps
Molybdenum	94-1	86111	85578	86017	85902	0.33	cps
Molybdenum	95-1	102680	104134	105315	104043	1.27	cps
Molybdenum	96-1	115249	116925	115102	115759	0.88	cps
Molybdenum	97-1	65144	65412	64642	65066	0.60	cps
Molybdenum	98-1	167158	167263	167295	167238	0.04	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	8139	8062	8256	8152	1.19	cps
Phosphorus	31-2	373	417	447	412	8.94	cps
Potassium	39-2	1068003	1068415	1064245	1066887	0.22	cps
Rhodium	103-1	16275075	15840345	15905524	16006982	1.46	cps
Rhodium	103-2	9764985	9799409	9613098	9725831	1.02	cps
Scandium	45-1	8765154	8553389	8461331	8593291	1.81	cps
Scandium	45-2	837816	835426	833752	835665	0.24	cps
Selenium	82-1	4084	4094	4076	4085	0.21	cps
Selenium	77-2	417	330	380	376	11.58	cps
Selenium	78-2	1907	1917	1807	1877	3.24	cps
Silicon	28-1	919584	1166633	929756	1005324	13.90	cps
Silver	107-1	53207	53291	54281	53593	1.11	cps
Silver	109-1	50695	52127	51474	51432	1.39	cps
Sodium	23-2	1205597	1229980	1230521	1222032	1.16	cps
Strontium	86-1	13096	13686	13156	13313	2.44	cps
Strontium	88-1	112661	114854	114649	114055	1.06	cps
Sulfur	34-1	250853	252093	248495	250480	0.73	cps
Terbium	159-1	21695866	21321002	20948822	21321897	1.75	cps
Terbium	159-2	13748294	13786505	13867603	13800800	0.44	cps
Thallium	203-1	41537	43058	41998	42197	1.85	cps
Thallium	205-1	100132	101061	102472	101222	1.16	cps
Tin	118-1	4144	4134	4254	4177	1.59	cps
Titanium	47-1	23321	24116	23505	23647	1.76	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165238BS Instrumnet Name : P7
Client Sample ID : PB165238BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 14:57:27 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	118790	121434	120388	120204	1.11	cps
Vanadium	51-2	73340	73789	73317	73482	0.36	cps
Yttrium	89-1	19843267	19452916	19478379	19591520	1.11	cps
Yttrium	89-2	5498322	5505120	5421165	5474869	0.85	cps
Zinc	66-2	18485	18468	18869	18607	1.22	cps
Zirconium	90-1	71406	70984	72849	71746	1.36	cps
Zirconium	91-1	15605	15909	15759	15757	0.96	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720	903	650	758	17.26	cps
Antimony	121-1	273	250	253	259	4.87	cps
Arsenic	75-2	53	60	57	57	5.89	cps
Barium	135-1	253	303	270	276	9.24	cps
Barium	137-1	503	577	510	530	7.65	cps
Beryllium	9-1	150	173	200	174	14.34	cps
Bismuth	209-1	12491113	12635714	12593237	12573355	0.59	cps
Bismuth	209-2	9203982	9105437	9184648	9164689	0.57	cps
Bromine	81-1	17901	17304	17494	17566	1.74	cps
Bromine	81-2	247	240	203	230	10.14	cps
Cadmium	108-1	27	23	27	26	7.55	cps
Cadmium	106-1	5541	5214	4991	5249	5.27	cps
Cadmium	111-1	1176	1123	1063	1121	5.06	cps
Calcium	43-1	1083	1080	990	1051	5.04	cps
Calcium	44-1	28103	28554	27599	28085	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3124	2787	3004	2971	5.74	cps
Cobalt	59-2	557	510	533	533	4.37	cps
Copper	63-2	1963	1840	1780	1861	5.02	cps
Dysprosium	156-1	27	10	27	21	45.58	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	87	77	80	81	6.28	cps
Erbium	164-2	57	67	47	57	17.65	cps
Gadolinium	160-1	70	77	87	78	10.79	cps
Gadolinium	160-2	820	697	833	783	9.62	cps
Holmium	165-1	20274644	20084853	20239892	20199796	0.50	cps
Holmium	165-2	13631608	13459660	13589364	13560211	0.66	cps
Indium	115-1	16350733	16659284	16704810	16571609	1.16	cps
Indium	115-2	6167069	6164508	6154132	6161903	0.11	cps
Iron	56-2	45338	45913	40124	43792	7.28	cps
Iron	57-2	2134	2000	1833	1989	7.56	cps
Iron	54-2	4564	4444	4211	4406	4.08	cps
Krypton	83-1	330	270	317	306	10.31	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2584	2624	2577	2595	0.97	cps
Lead	207-1	2144	2317	2227	2229	3.89	cps
Lead	208-1	9818	10322	10165	10102	2.55	cps
Lithium	6-1	1755178	1729700	1718215	1734364	1.09	cps
Magnesium	24-2	3954	3971	3447	3791	7.85	cps
Manganese	55-2	1050	1257	1240	1182	9.71	cps
Molybdenum	94-1	1000	1400	1233	1211	16.59	cps
Molybdenum	95-1	1087	1413	1270	1257	13.03	cps
Molybdenum	96-1	1253	1727	1483	1488	15.91	cps
Molybdenum	97-1	677	927	733	779	16.83	cps
Molybdenum	98-1	1790	2400	1943	2045	15.52	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1100	1047	1067	1071	2.52	cps
Phosphorus	31-2	327	353	260	313	15.34	cps
Potassium	39-2	79539	79613	78839	79331	0.54	cps
Rhodium	103-1	15696459	15571170	15614190	15627273	0.41	cps
Rhodium	103-2	9528110	9576342	9638258	9580903	0.58	cps
Scandium	45-1	8536166	8434592	8497655	8489471	0.60	cps
Scandium	45-2	821405	811391	815606	816134	0.62	cps
Selenium	82-1	661	742	597	667	10.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	627	597	737	653	11.28	cps
Silicon	28-1	747229	749564	753653	750149	0.43	cps
Silver	107-1	483	577	477	512	10.91	cps
Silver	109-1	457	827	410	565	40.47	cps
Sodium	23-2	35133	34612	33446	34397	2.51	cps
Strontium	86-1	567	660	587	604	8.13	cps
Strontium	88-1	1287	1400	1317	1335	4.40	cps
Sulfur	34-1	253882	250998	248918	251266	0.99	cps
Terbium	159-1	20681420	20989720	20818585	20829908	0.74	cps
Terbium	159-2	13539813	13576785	13653846	13590148	0.43	cps
Thallium	203-1	3244	3260	3194	3233	1.07	cps
Thallium	205-1	8066	8039	7889	7998	1.19	cps
Tin	118-1	3961	3814	4374	4050	7.17	cps
Titanium	47-1	283	297	340	307	9.66	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BL Instrumnet Name : P7
Client Sample ID : PB165241BL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:00:41 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	350	610	450	470	27.90	cps
Vanadium	51-2	60	93	57	70	28.96	cps
Yttrium	89-1	19153448	19227312	18927746	19102836	0.82	cps
Yttrium	89-2	5285581	5403493	5359886	5349653	1.11	cps
Zinc	66-2	1307	1307	1267	1293	1.79	cps
Zirconium	90-1	1190	1223	1373	1262	7.74	cps
Zirconium	91-1	273	283	350	302	13.79	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4288363	4294913	4271163	4284813	0.29	cps
Antimony	121-1	9659198	9560303	9616099	9611867	0.52	cps
Arsenic	75-2	515619	515692	513078	514796	0.29	cps
Barium	135-1	11916424	11849246	11980782	11915484	0.55	cps
Barium	137-1	20338620	20676829	20613743	20543064	0.88	cps
Beryllium	9-1	813552	820947	817940	817480	0.45	cps
Bismuth	209-1	12214646	12205239	12233855	12217913	0.12	cps
Bismuth	209-2	8795984	8802040	8856172	8818065	0.38	cps
Bromine	81-1	15588	14931	15148	15222	2.20	cps
Bromine	81-2	143	87	113	114	24.77	cps
Cadmium	108-1	186111	186725	184788	185875	0.53	cps
Cadmium	106-1	265587	267969	267690	267082	0.49	cps
Cadmium	111-1	2378242	2364477	2385283	2376001	0.45	cps
Calcium	43-1	2376462	2338019	2302695	2339059	1.58	cps
Calcium	44-1	37669987	37416659	37403356	37496667	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3866854	3801648	3781518	3816674	1.17	cps
Cobalt	59-2	6075719	6076526	5992419	6048222	0.80	cps
Copper	63-2	44669193	44513093	43788046	44323444	1.06	cps
Dysprosium	156-1	243	243	257	248	3.11	cps
Dysprosium	156-2	610	657	627	631	3.75	cps
Erbium	164-1	190	217	197	201	6.90	cps
Erbium	164-2	187	157	103	149	28.35	cps
Gadolinium	160-1	180	187	180	182	2.11	cps
Gadolinium	160-2	727	737	873	779	10.52	cps
Holmium	165-1	20363306	20239549	19859166	20154007	1.30	cps
Holmium	165-2	13346635	13467438	13521671	13445248	0.67	cps
Indium	115-1	16043440	15811569	15586000	15813670	1.45	cps
Indium	115-2	5739250	5834081	5783783	5785705	0.82	cps
Iron	56-2	180262317	177728251	179705971	179232180	0.74	cps
Iron	57-2	4511861	4523100	4454696	4496552	0.82	cps
Iron	54-2	9981204	9874499	9837851	9897851	0.75	cps
Krypton	83-1	260	380	297	312	19.70	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37660861	37541039	36834619	37345507	1.20	cps
Lead	207-1	33025437	33176696	32691288	32964474	0.75	cps
Lead	208-1	149695485	150041504	148301794	149346261	0.62	cps
Lithium	6-1	1701072	1747635	1691858	1713522	1.74	cps
Magnesium	24-2	36002924	35420102	35188014	35537014	1.18	cps
Manganese	55-2	30740307	30662520	30349998	30584275	0.68	cps
Molybdenum	94-1	33516914	33586955	33205744	33436538	0.61	cps
Molybdenum	95-1	48017403	48477551	47814116	48103023	0.71	cps
Molybdenum	96-1	52723958	52995444	52472116	52730506	0.50	cps
Molybdenum	97-1	30060302	30251485	29876256	30062681	0.62	cps
Molybdenum	98-1	77583546	77831207	77375086	77596613	0.29	cps
Neodymium	150-1	587	580	567	578	1.76	cps
Neodymium	150-2	153	150	120	141	13.01	cps
Nickel	60-2	1586656	1545899	1526482	1553012	1.98	cps
Phosphorus	31-2	205849	205427	204136	205137	0.43	cps
Potassium	39-2	21503567	21608399	21489100	21533689	0.30	cps
Rhodium	103-1	14983570	14813121	14529646	14775445	1.55	cps
Rhodium	103-2	8911140	8982233	8899157	8930843	0.50	cps
Scandium	45-1	8340320	8203431	8126592	8223448	1.32	cps
Scandium	45-2	777806	784946	780411	781055	0.46	cps
Selenium	82-1	149168	147709	147704	148193	0.57	cps
Selenium	77-2	16146	15902	16279	16109	1.19	cps
Selenium	78-2	55537	54844	55182	55188	0.63	cps
Silicon	28-1	22366111	21988895	21828404	22061136	1.25	cps
Silver	107-1	12300751	12345984	12273187	12306641	0.30	cps
Silver	109-1	11732231	11780483	11760284	11757666	0.21	cps
Sodium	23-2	55930678	55542226	55514913	55662605	0.42	cps
Strontium	86-1	2929821	2957013	2950186	2945673	0.48	cps
Strontium	88-1	25743285	25754741	25848850	25782292	0.22	cps
Sulfur	34-1	847490	836172	825264	836309	1.33	cps
Terbium	159-1	20881206	20714711	20180486	20592135	1.78	cps
Terbium	159-2	13522332	13523796	13428559	13491562	0.40	cps
Thallium	203-1	9409372	9389257	9191230	9329953	1.29	cps
Thallium	205-1	22292117	22314246	21794771	22133712	1.33	cps
Tin	118-1	8158422	8068455	8009895	8078924	0.93	cps
Titanium	47-1	10870384	10963184	10899386	10910984	0.44	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : PB165241BS Instrumnet Name : P7
Client Sample ID : PB165241BS Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:03:58 DataFile Name : 031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29082987	29711990	29689848	29494942	1.21	cps
Vanadium	51-2	3374121	3328143	3309872	3337379	0.99	cps
Yttrium	89-1	18709316	18579226	18460010	18582851	0.67	cps
Yttrium	89-2	5115421	5165272	5238159	5172951	1.19	cps
Zinc	66-2	7464231	7444635	7440902	7449923	0.17	cps
Zirconium	90-1	16118361	16199551	16151933	16156615	0.25	cps
Zirconium	91-1	3592174	3626453	3590004	3602877	0.57	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	732922	728059	723101	728027	0.67	cps
Antimony	121-1	490360	493037	491537	491645	0.27	cps
Arsenic	75-2	29336	28150	29005	28830	2.12	cps
Barium	135-1	14489494	14609919	14745969	14615127	0.88	cps
Barium	137-1	25176988	25419369	25413786	25336714	0.55	cps
Beryllium	9-1	55124	54823	54488	54812	0.58	cps
Bismuth	209-1	12690575	12580438	12525681	12598898	0.67	cps
Bismuth	209-2	9466151	9325732	9330019	9373967	0.85	cps
Bromine	81-1	14904	14981	15602	15162	2.52	cps
Bromine	81-2	143	200	220	188	21.18	cps
Cadmium	108-1	25850	26531	27049	26476	2.27	cps
Cadmium	106-1	40560	40640	40948	40716	0.50	cps
Cadmium	111-1	383603	385069	386523	385065	0.38	cps
Calcium	43-1	1577	1453	1450	1493	4.83	cps
Calcium	44-1	34346	32569	31356	32757	4.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1475591	1482406	1461293	1473097	0.73	cps
Cobalt	59-2	6955	6785	6788	6843	1.42	cps
Copper	63-2	27291735	27066980	27261555	27206757	0.45	cps
Dysprosium	156-1	107	93	160	120	29.40	cps
Dysprosium	156-2	683	730	743	719	4.38	cps
Erbium	164-1	60	87	130	92	38.31	cps
Erbium	164-2	47	87	83	72	30.73	cps
Gadolinium	160-1	60	60	60	60	0.00	cps
Gadolinium	160-2	670	773	833	759	10.89	cps
Holmium	165-1	20410125	20189985	20056392	20218834	0.88	cps
Holmium	165-2	13934119	13651186	13679761	13755022	1.13	cps
Indium	115-1	16136561	16086118	15926631	16049770	0.68	cps
Indium	115-2	6125999	6000213	6051880	6059364	1.04	cps
Iron	56-2	18301404	18114974	18120831	18179070	0.58	cps
Iron	57-2	472201	466356	472301	470286	0.72	cps
Iron	54-2	1075906	1071008	1083377	1076764	0.58	cps
Krypton	83-1	303	317	297	306	3.33	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2398913	2436122	2444074	2426370	0.99	cps
Lead	207-1	2063994	2059112	2073085	2065397	0.34	cps
Lead	208-1	9491245	9502704	9527846	9507265	0.20	cps
Lithium	6-1	1718354	1702026	1710565	1710315	0.48	cps
Magnesium	24-2	8696	7529	7392	7872	9.10	cps
Manganese	55-2	5671237	5624280	5689144	5661554	0.59	cps
Molybdenum	94-1	689302	701881	698496	696560	0.93	cps
Molybdenum	95-1	1206517	1213872	1217914	1212767	0.48	cps
Molybdenum	96-1	1293147	1317334	1310711	1307064	0.96	cps
Molybdenum	97-1	755412	766390	766010	762604	0.82	cps
Molybdenum	98-1	1949462	1962140	1954956	1955519	0.33	cps
Neodymium	150-1	557	573	637	589	7.17	cps
Neodymium	150-2	163	113	120	132	20.53	cps
Nickel	60-2	3062571	3004728	3037517	3034939	0.96	cps
Phosphorus	31-2	403	340	377	373	8.52	cps
Potassium	39-2	86460	85488	86098	86016	0.57	cps
Rhodium	103-1	15216726	15006045	15086542	15103104	0.70	cps
Rhodium	103-2	9515110	9435280	9507653	9486014	0.46	cps
Scandium	45-1	8187063	8149744	8212316	8183041	0.38	cps
Scandium	45-2	800582	794844	796625	797351	0.37	cps
Selenium	82-1	42909	43028	43125	43020	0.25	cps
Selenium	77-2	4968	4744	4784	4832	2.47	cps
Selenium	78-2	16262	16659	16523	16482	1.22	cps
Silicon	28-1	1861020	1832203	1818565	1837263	1.18	cps
Silver	107-1	4566784	4647485	4617047	4610439	0.88	cps
Silver	109-1	4329531	4380314	4408385	4372744	0.91	cps
Sodium	23-2	71622	69747	70186	70518	1.39	cps
Strontium	86-1	1170	1037	1053	1087	6.69	cps
Strontium	88-1	6215	6411	5971	6199	3.56	cps
Sulfur	34-1	213456	206816	203884	208052	2.36	cps
Terbium	159-1	20787003	20153523	20639152	20526559	1.61	cps
Terbium	159-2	13775558	13750904	13671966	13732809	0.39	cps
Thallium	203-1	284815	286317	286297	285810	0.30	cps
Thallium	205-1	671650	676913	679821	676128	0.61	cps
Tin	118-1	4494	4207	4157	4286	4.24	cps
Titanium	47-1	1027	1130	847	1001	14.32	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04 Instrumnet Name : P7
Client Sample ID : MX1010 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:09:05 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1417	1213	1033	1221	15.71	cps
Vanadium	51-2	7784725	7792183	7887289	7821399	0.73	cps
Yttrium	89-1	18715201	18520881	18376625	18537569	0.92	cps
Yttrium	89-2	5297449	5282093	5361369	5313637	0.79	cps
Zinc	66-2	1321282	1326535	1312894	1320237	0.52	cps
Zirconium	90-1	3841	3871	3784	3832	1.15	cps
Zirconium	91-1	970	1120	920	1003	10.37	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	368247	368626	364831	367235	0.57	cps
Antimony	121-1	246339	249776	248414	248176	0.70	cps
Arsenic	75-2	14898	14587	14444	14643	1.58	cps
Barium	135-1	7318797	7396403	7397766	7370989	0.61	cps
Barium	137-1	12773297	12943194	12765834	12827442	0.78	cps
Beryllium	9-1	27708	27758	28196	27887	0.96	cps
Bismuth	209-1	12679211	12678212	12627327	12661584	0.23	cps
Bismuth	209-2	9339593	9434142	9471562	9415099	0.72	cps
Bromine	81-1	16269	15652	16022	15981	1.94	cps
Bromine	81-2	177	140	190	169	15.33	cps
Cadmium	108-1	13279	13516	13223	13340	1.17	cps
Cadmium	106-1	22858	23830	23449	23379	2.09	cps
Cadmium	111-1	192737	194772	197281	194930	1.17	cps
Calcium	43-1	1587	1500	1400	1496	6.25	cps
Calcium	44-1	34440	33093	34075	33869	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	759344	748777	756218	754780	0.72	cps
Cobalt	59-2	3657	3604	3464	3575	2.79	cps
Copper	63-2	13831990	13776634	13690751	13766458	0.52	cps
Dysprosium	156-1	60	80	83	74	16.95	cps
Dysprosium	156-2	443	323	357	374	16.54	cps
Erbium	164-1	77	77	117	90	25.66	cps
Erbium	164-2	63	60	37	53	27.24	cps
Gadolinium	160-1	73	77	63	71	9.76	cps
Gadolinium	160-2	743	723	740	736	1.46	cps
Holmium	165-1	20213166	20232267	20180091	20208508	0.13	cps
Holmium	165-2	13853463	13669829	13792576	13771956	0.68	cps
Indium	115-1	16317133	16165030	16389701	16290621	0.70	cps
Indium	115-2	6073306	6172374	6064425	6103368	0.98	cps
Iron	56-2	9201059	9065246	9048179	9104828	0.92	cps
Iron	57-2	238788	239441	235369	237866	0.92	cps
Iron	54-2	548164	544195	542479	544946	0.54	cps
Krypton	83-1	260	277	330	289	12.66	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1231136	1238546	1240748	1236810	0.41	cps
Lead	207-1	1038978	1035653	1041925	1038852	0.30	cps
Lead	208-1	4834257	4843568	4800709	4826178	0.47	cps
Lithium	6-1	1771581	1766267	1704287	1747378	2.14	cps
Magnesium	24-2	4717	6001	4814	5178	13.81	cps
Manganese	55-2	2863910	2779406	2832848	2825388	1.51	cps
Molybdenum	94-1	352129	358981	355025	355378	0.97	cps
Molybdenum	95-1	615407	618882	612601	615630	0.51	cps
Molybdenum	96-1	664453	668841	667242	666845	0.33	cps
Molybdenum	97-1	386291	389945	385778	387338	0.59	cps
Molybdenum	98-1	990434	1007490	996534	998153	0.87	cps
Neodymium	150-1	300	287	337	308	8.41	cps
Neodymium	150-2	60	60	83	68	19.87	cps
Nickel	60-2	1508442	1510383	1494993	1504606	0.56	cps
Phosphorus	31-2	343	407	417	389	10.23	cps
Potassium	39-2	80304	80783	79017	80034	1.14	cps
Rhodium	103-1	15331136	15463882	15333769	15376262	0.49	cps
Rhodium	103-2	9675313	9595957	9501653	9590974	0.91	cps
Scandium	45-1	8287011	8215245	8290878	8264378	0.52	cps
Scandium	45-2	808303	807893	809201	808465	0.08	cps
Selenium	82-1	22065	22286	21821	22058	1.05	cps
Selenium	77-2	2344	2567	2430	2447	4.60	cps
Selenium	78-2	8643	8599	8432	8558	1.30	cps
Silicon	28-1	1386235	1356632	1361111	1367993	1.17	cps
Silver	107-1	2309229	2302709	2349066	2320334	1.08	cps
Silver	109-1	2197512	2238575	2215287	2217125	0.93	cps
Sodium	23-2	66463	66074	64009	65515	2.01	cps
Strontium	86-1	820	893	980	898	8.92	cps
Strontium	88-1	3957	3994	3971	3974	0.47	cps
Sulfur	34-1	205678	203657	203374	204237	0.62	cps
Terbium	159-1	20795846	20843070	20636880	20758599	0.52	cps
Terbium	159-2	13826706	13766132	13780064	13790968	0.23	cps
Thallium	203-1	143756	143964	143776	143832	0.08	cps
Thallium	205-1	341087	343204	344837	343043	0.55	cps
Tin	118-1	4047	4057	4281	4128	3.20	cps
Titanium	47-1	750	793	977	840	14.32	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-04DLX2 Instrumnet Name : P7
Client Sample ID : MX1010DL Dilution Factor : 2
Date & Time Acquired : 2024-12-03 15:12:17 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	737	847	753	779	7.61	cps
Vanadium	51-2	4037695	3925051	3932523	3965090	1.59	cps
Yttrium	89-1	18834352	18777980	18882117	18831483	0.28	cps
Yttrium	89-2	5377752	5405743	5360652	5381382	0.42	cps
Zinc	66-2	660855	660196	655029	658694	0.48	cps
Zirconium	90-1	2564	2500	2487	2517	1.63	cps
Zirconium	91-1	573	637	710	640	10.69	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6906301	7007482	6974391	6962725	0.74	cps
Antimony	121-1	3051417	3138034	3143025	3110825	1.66	cps
Arsenic	75-2	527257	523174	523652	524694	0.43	cps
Barium	135-1	4640778	4709338	4680447	4676855	0.74	cps
Barium	137-1	7919747	8164081	8092720	8058849	1.56	cps
Beryllium	9-1	675540	675450	672700	674563	0.24	cps
Bismuth	209-1	13470900	13316808	12826040	13204582	2.55	cps
Bismuth	209-2	9549794	9597579	9559722	9569031	0.26	cps
Bromine	81-1	17804	18588	18485	18293	2.33	cps
Bromine	81-2	797	853	733	794	7.56	cps
Cadmium	108-1	95955	97159	95958	96357	0.72	cps
Cadmium	106-1	138022	142319	140902	140414	1.56	cps
Cadmium	111-1	1387691	1412675	1418194	1406187	1.16	cps
Calcium	43-1	691036	703781	701530	698782	0.97	cps
Calcium	44-1	10594324	10808859	10776399	10726527	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4972978	4999769	4928342	4967030	0.73	cps
Cobalt	59-2	5675806	5603054	5669059	5649306	0.71	cps
Copper	63-2	2944133	2898360	2901566	2914687	0.88	cps
Dysprosium	156-1	120397	123110	123339	122282	1.34	cps
Dysprosium	156-2	106513	106845	106244	106534	0.28	cps
Erbium	164-1	91450	95399	92523	93124	2.19	cps
Erbium	164-2	62720	61632	61839	62064	0.93	cps
Gadolinium	160-1	109829	111976	110686	110830	0.97	cps
Gadolinium	160-2	80114	79078	78062	79085	1.30	cps
Holmium	165-1	21643291	21316075	21092885	21350750	1.30	cps
Holmium	165-2	14284840	13924549	14195529	14134973	1.33	cps
Indium	115-1	17015583	16422488	16368759	16602277	2.16	cps
Indium	115-2	6186960	6096531	6129670	6137720	0.75	cps
Iron	56-2	142938515	143518758	141998981	142818751	0.54	cps
Iron	57-2	3557396	3545175	3561996	3554856	0.24	cps
Iron	54-2	7959548	7989974	7895182	7948235	0.61	cps
Krypton	83-1	413	357	323	364	12.48	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6184836	6314410	6350507	6283251	1.39	cps
Lead	207-1	5316827	5373243	5357712	5349260	0.54	cps
Lead	208-1	24341400	24629328	24763593	24578107	0.88	cps
Lithium	6-1	1961637	1950901	1957941	1956826	0.28	cps
Magnesium	24-2	3322700	3386204	3388403	3365769	1.11	cps
Manganese	55-2	6844533	6840431	6760415	6815127	0.70	cps
Molybdenum	94-1	867314	885916	884303	879178	1.17	cps
Molybdenum	95-1	1196227	1222120	1212388	1210245	1.08	cps
Molybdenum	96-1	1314536	1348108	1353884	1338843	1.59	cps
Molybdenum	97-1	750515	766168	755721	757468	1.05	cps
Molybdenum	98-1	1918968	1986936	1942772	1949559	1.77	cps
Neodymium	150-1	232363	235011	237823	235066	1.16	cps
Neodymium	150-2	138906	139445	137997	138783	0.53	cps
Nickel	60-2	954736	958146	956950	956611	0.18	cps
Phosphorus	31-2	12906	13126	12909	12980	0.97	cps
Potassium	39-2	3295724	3269689	3264384	3276599	0.51	cps
Rhodium	103-1	16084817	15753304	15298450	15712191	2.51	cps
Rhodium	103-2	9770038	9499442	9670190	9646557	1.42	cps
Scandium	45-1	8713961	8610313	8419597	8581291	1.74	cps
Scandium	45-2	827141	819207	829103	825150	0.63	cps
Selenium	82-1	83568	84029	83756	83785	0.28	cps
Selenium	77-2	9370	9603	9550	9508	1.29	cps
Selenium	78-2	30979	31146	31326	31151	0.56	cps
Silicon	28-1	46240694	47261298	46287838	46596610	1.24	cps
Silver	107-1	3254039	3285288	3322267	3287198	1.04	cps
Silver	109-1	3107320	3152558	3147199	3135693	0.79	cps
Sodium	23-2	1406804	1406274	1405762	1406280	0.04	cps
Strontium	86-1	3445988	3495222	3511695	3484302	0.98	cps
Strontium	88-1	30107935	30932630	30587918	30542828	1.36	cps
Sulfur	34-1	206164	203296	196884	202115	2.35	cps
Terbium	159-1	22123042	21703076	21279355	21701824	1.94	cps
Terbium	159-2	14367015	14084176	14093002	14181398	1.13	cps
Thallium	203-1	8798696	8958783	8928007	8895162	0.95	cps
Thallium	205-1	20933688	21262975	21158536	21118400	0.80	cps
Tin	118-1	4102383	4124039	4183950	4136791	1.02	cps
Titanium	47-1	1390084	1448575	1421359	1420006	2.06	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4917-01 Instrumnet Name : P7
Client Sample ID : MX1007 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:15:21 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27504385	28224279	28282440	28003701	1.55	cps
Vanadium	51-2	2141800	2116247	2119881	2125976	0.65	cps
Yttrium	89-1	20789207	20404659	20246008	20479958	1.36	cps
Yttrium	89-2	5733478	5728849	5704217	5722181	0.27	cps
Zinc	66-2	1542029	1568600	1550798	1553809	0.87	cps
Zirconium	90-1	502625	517772	512795	511064	1.51	cps
Zirconium	91-1	113807	117324	115923	115685	1.53	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21626092	21655466	21723312	21668290	0.23	cps
Antimony	121-1	10316577	10345704	10298762	10320347	0.23	cps
Arsenic	75-2	558016	555607	555058	556227	0.28	cps
Barium	135-1	12373640	12389375	12263477	12342164	0.56	cps
Barium	137-1	21213918	21380093	21217991	21270667	0.45	cps
Beryllium	9-1	804363	808235	811308	807969	0.43	cps
Bismuth	209-1	12041740	12038909	11772224	11950958	1.30	cps
Bismuth	209-2	8625179	8575022	8558976	8586393	0.40	cps
Bromine	81-1	16636	16529	16556	16574	0.34	cps
Bromine	81-2	113	120	100	111	9.16	cps
Cadmium	108-1	194320	195634	194496	194817	0.37	cps
Cadmium	106-1	279870	279092	278149	279037	0.31	cps
Cadmium	111-1	2475350	2465960	2490615	2477308	0.50	cps
Calcium	43-1	11435427	11506452	11277694	11406524	1.03	cps
Calcium	44-1	185161691	183652577	185413891	184742719	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3908630	3937751	3940809	3929063	0.45	cps
Cobalt	59-2	6430511	6497026	6486692	6471410	0.55	cps
Copper	63-2	45210089	45882028	45388721	45493613	0.77	cps
Dysprosium	156-1	547	577	573	566	2.91	cps
Dysprosium	156-2	890	910	940	913	2.76	cps
Erbium	164-1	693	560	560	604	12.74	cps
Erbium	164-2	390	430	407	409	4.91	cps
Gadolinium	160-1	470	440	517	476	8.12	cps
Gadolinium	160-2	970	987	937	964	2.64	cps
Holmium	165-1	21076796	20686119	20485195	20749370	1.45	cps
Holmium	165-2	13830378	13795188	13632409	13752658	0.77	cps
Indium	115-1	15546703	15535571	15326452	15469575	0.80	cps
Indium	115-2	5659287	5679569	5682251	5673702	0.22	cps
Iron	56-2	888868707	878838707	872015694	879907702	0.96	cps
Iron	57-2	22140716	22076773	22274460	22163983	0.46	cps
Iron	54-2	47764729	48131286	47672601	47856205	0.51	cps
Krypton	83-1	267	307	313	296	8.54	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38313390	38042313	38374072	38243258	0.46	cps
Lead	207-1	33522830	33524320	33760497	33602549	0.41	cps
Lead	208-1	153301881	152814197	153065494	153060524	0.16	cps
Lithium	6-1	1686148	1651360	1655774	1664427	1.14	cps
Magnesium	24-2	176994844	178850551	177974751	177940048	0.52	cps
Manganese	55-2	31182968	31169065	30900280	31084105	0.51	cps
Molybdenum	94-1	34596168	34816318	34864244	34758910	0.41	cps
Molybdenum	95-1	49719298	49662369	49853769	49745145	0.20	cps
Molybdenum	96-1	55152426	54697029	54239426	54696294	0.83	cps
Molybdenum	97-1	31485781	31441664	31092729	31340058	0.69	cps
Molybdenum	98-1	81509975	81053112	80621849	81061645	0.55	cps
Neodymium	150-1	910	873	823	869	5.01	cps
Neodymium	150-2	303	260	260	274	9.12	cps
Nickel	60-2	1662266	1644610	1646146	1651007	0.59	cps
Phosphorus	31-2	210014	210869	209853	210245	0.26	cps
Potassium	39-2	108423112	107072665	108471645	107989141	0.74	cps
Rhodium	103-1	14466308	14163675	14089564	14239849	1.40	cps
Rhodium	103-2	8636579	8527888	8590979	8585149	0.64	cps
Scandium	45-1	8154985	8189487	8195611	8180028	0.27	cps
Scandium	45-2	787363	782012	791151	786842	0.58	cps
Selenium	82-1	154180	154573	154555	154436	0.14	cps
Selenium	77-2	16933	16703	17033	16890	1.00	cps
Selenium	78-2	56755	57558	55704	56672	1.64	cps
Silicon	28-1	22959358	22799733	23164695	22974595	0.80	cps
Silver	107-1	12731417	12871557	12768911	12790629	0.57	cps
Silver	109-1	12145666	12173201	12146756	12155208	0.13	cps
Sodium	23-2	271561063	274105389	273434063	273033505	0.48	cps
Strontium	86-1	3062897	3114883	3023912	3067230	1.49	cps
Strontium	88-1	26413177	26790414	26665155	26622915	0.72	cps
Sulfur	34-1	819959	818221	820708	819629	0.16	cps
Terbium	159-1	21408221	21155763	21066216	21210067	0.84	cps
Terbium	159-2	13519402	13647574	13485867	13550948	0.63	cps
Thallium	203-1	9632657	9506012	9595322	9577997	0.68	cps
Thallium	205-1	22769850	22736300	22649694	22718615	0.27	cps
Tin	118-1	8356178	8231863	8165287	8251109	1.17	cps
Titanium	47-1	11042312	10979718	11152780	11058270	0.79	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:18:05 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31475848	31554980	31347684	31459504	0.33	cps
Vanadium	51-2	3479806	3473916	3482912	3478878	0.13	cps
Yttrium	89-1	18899854	18748457	18577857	18742056	0.86	cps
Yttrium	89-2	5248413	5195855	5192040	5212102	0.60	cps
Zinc	66-2	7525924	7624107	7553932	7567988	0.67	cps
Zirconium	90-1	16793729	17040194	16986597	16940173	0.77	cps
Zirconium	91-1	3750827	3832917	3853054	3812266	1.42	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1310	1460	1517	1429	7.47	cps
Antimony	121-1	677	583	597	619	8.16	cps
Arsenic	75-2	77	63	67	69	10.08	cps
Barium	135-1	570	383	537	497	20.05	cps
Barium	137-1	873	690	810	791	11.77	cps
Beryllium	9-1	230	223	320	258	20.95	cps
Bismuth	209-1	12888351	12560270	12446949	12631857	1.81	cps
Bismuth	209-2	9314556	9221485	9369313	9301785	0.80	cps
Bromine	81-1	17140	16806	16473	16806	1.99	cps
Bromine	81-2	237	270	327	278	16.38	cps
Cadmium	108-1	13	23	27	21	32.88	cps
Cadmium	106-1	5504	4831	5108	5148	6.58	cps
Cadmium	111-1	1245	1040	1170	1151	9.01	cps
Calcium	43-1	1070	1110	3510	1897	73.66	cps
Calcium	44-1	28250	27081	53810	36380	41.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2890	2860	2804	2851	1.54	cps
Cobalt	59-2	533	577	597	569	5.69	cps
Copper	63-2	2947	2747	2970	2888	4.25	cps
Dysprosium	156-1	30	10	20	20	50.00	cps
Dysprosium	156-2	7	27	0	11	124.89	cps
Erbium	164-1	103	83	73	87	17.63	cps
Erbium	164-2	27	77	60	54	46.76	cps
Gadolinium	160-1	80	70	70	73	7.87	cps
Gadolinium	160-2	773	973	803	850	12.69	cps
Holmium	165-1	20937788	20113810	20004197	20351932	2.51	cps
Holmium	165-2	13745681	13443895	13632009	13607195	1.12	cps
Indium	115-1	16719903	16274630	16434056	16476196	1.37	cps
Indium	115-2	6122850	6114520	6169753	6135708	0.49	cps
Iron	56-2	58773	60676	64617	61355	4.86	cps
Iron	57-2	2290	2387	2464	2380	3.65	cps
Iron	54-2	5088	5478	5498	5354	4.32	cps
Krypton	83-1	450	320	273	348	26.32	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6195	6148	6185	6176	0.40	cps
Lead	207-1	5108	5241	5174	5174	1.29	cps
Lead	208-1	23842	23748	23692	23761	0.32	cps
Lithium	6-1	1811545	1735861	1724911	1757439	2.68	cps
Magnesium	24-2	5518	5945	6435	5966	7.69	cps
Manganese	55-2	1687	1697	1697	1693	0.34	cps
Molybdenum	94-1	1643	1317	1907	1622	18.23	cps
Molybdenum	95-1	1773	1537	2318	1876	21.34	cps
Molybdenum	96-1	2010	1763	2785	2186	24.38	cps
Molybdenum	97-1	1157	803	1214	1058	21.01	cps
Molybdenum	98-1	2910	2280	2951	2714	13.86	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1030	927	1023	993	5.82	cps
Phosphorus	31-2	417	377	370	388	6.51	cps
Potassium	39-2	78641	78689	79851	79060	0.87	cps
Rhodium	103-1	15852802	15423494	15421055	15565784	1.60	cps
Rhodium	103-2	9535988	9424981	9570324	9510431	0.80	cps
Scandium	45-1	8586097	8281391	8354039	8407176	1.89	cps
Scandium	45-2	805032	808567	802251	805283	0.39	cps
Selenium	82-1	641	639	698	660	5.08	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	593	597	593	594	0.32	cps
Silicon	28-1	708139	707369	726265	713924	1.50	cps
Silver	107-1	713	667	703	694	3.54	cps
Silver	109-1	603	590	560	584	3.80	cps
Sodium	23-2	42084	42539	42963	42529	1.03	cps
Strontium	86-1	763	733	750	749	2.01	cps
Strontium	88-1	1573	1463	2702	1913	35.84	cps
Sulfur	34-1	233513	234562	234861	234312	0.30	cps
Terbium	159-1	21252203	20787435	20478496	20839378	1.87	cps
Terbium	159-2	13960436	13792175	13687513	13813375	1.00	cps
Thallium	203-1	4034	3754	3797	3862	3.90	cps
Thallium	205-1	9257	9583	8996	9279	3.17	cps
Tin	118-1	4117	4137	3867	4041	3.72	cps
Titanium	47-1	430	340	1949	906	99.76	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:27:22 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	797	630	987	805	22.19	cps
Vanadium	51-2	170	150	213	178	18.21	cps
Yttrium	89-1	19376476	18962437	19016951	19118621	1.18	cps
Yttrium	89-2	5344399	5325880	5372422	5347567	0.44	cps
Zinc	66-2	1330	1353	1457	1380	4.89	cps
Zirconium	90-1	1567	1560	1720	1616	5.60	cps
Zirconium	91-1	347	303	333	328	6.77	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62260391	61485592	60534376	61426786	1.41	cps
Antimony	121-1	13249498	13247859	13105847	13201068	0.62	cps
Arsenic	75-2	1287794	1272359	1267795	1275983	0.82	cps
Barium	135-1	20596128	20835321	20430616	20620688	0.99	cps
Barium	137-1	35695270	36127646	35527493	35783470	0.87	cps
Beryllium	9-1	2711924	2525901	2398226	2545351	6.20	cps
Bismuth	209-1	13927411	13744744	13650445	13774200	1.02	cps
Bismuth	209-2	9216511	9180943	9093408	9163621	0.69	cps
Bromine	81-1	46142	49105	50365	48537	4.47	cps
Bromine	81-2	7045	7275	7522	7281	3.28	cps
Cadmium	108-1	338003	336715	338723	337814	0.30	cps
Cadmium	106-1	471770	476797	473307	473958	0.54	cps
Cadmium	111-1	4808351	4779324	4823869	4803848	0.47	cps
Calcium	43-1	3647660	3546863	3495668	3563397	2.17	cps
Calcium	44-1	58783939	57520319	56194858	57499705	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30249357	29980116	29986140	30071871	0.51	cps
Cobalt	59-2	16071407	15783048	15738666	15864374	1.14	cps
Copper	63-2	31835531	31807425	31692863	31778606	0.24	cps
Dysprosium	156-1	658344	666618	658293	661085	0.72	cps
Dysprosium	156-2	524845	522831	521134	522936	0.36	cps
Erbium	164-1	545874	550752	551125	549250	0.53	cps
Erbium	164-2	346265	340413	341543	342740	0.91	cps
Gadolinium	160-1	615440	623831	619705	619658	0.68	cps
Gadolinium	160-2	410813	407643	409739	409398	0.39	cps
Holmium	165-1	23549610	23751220	23786335	23695721	0.54	cps
Holmium	165-2	14580984	14672829	14645817	14633210	0.32	cps
Indium	115-1	17384628	17295840	17244887	17308451	0.41	cps
Indium	115-2	5890501	5852097	5816340	5852979	0.63	cps
Iron	56-2	1163079183	1153672996	1145967316	1154239832	0.74	cps
Iron	57-2	29140380	28424023	28720995	28761799	1.25	cps
Iron	54-2	64285087	62788159	63237881	63437042	1.21	cps
Krypton	83-1	1067	1060	1090	1072	1.47	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39999051	40668249	40378059	40348453	0.83	cps
Lead	207-1	34897000	35227814	34610404	34911739	0.88	cps
Lead	208-1	159874353	161099492	159780174	160251340	0.46	cps
Lithium	6-1	4367583	4221873	4069541	4219666	3.53	cps
Magnesium	24-2	66023307	66175119	64535659	65578028	1.38	cps
Manganese	55-2	87491092	86431015	85851129	86591079	0.96	cps
Molybdenum	94-1	12840507	12779994	12658870	12759790	0.72	cps
Molybdenum	95-1	19002123	18801723	18697236	18833694	0.82	cps
Molybdenum	96-1	20698158	20747574	20533677	20659803	0.54	cps
Molybdenum	97-1	11770424	11866302	11801180	11812635	0.41	cps
Molybdenum	98-1	30653501	30626418	30117801	30465907	0.99	cps
Neodymium	150-1	1188029	1205333	1191668	1195010	0.76	cps
Neodymium	150-2	654307	654973	649987	653089	0.41	cps
Nickel	60-2	3979974	3909303	3926383	3938554	0.94	cps
Phosphorus	31-2	167186	167688	164177	166350	1.14	cps
Potassium	39-2	88728192	87544309	87389352	87887284	0.83	cps
Rhodium	103-1	15889208	15834222	15641981	15788470	0.82	cps
Rhodium	103-2	9383434	9346151	9244109	9324565	0.77	cps
Scandium	45-1	9712585	9429362	9202741	9448229	2.70	cps
Scandium	45-2	915924	903448	900890	906754	0.89	cps
Selenium	82-1	827225	828672	825050	826982	0.22	cps
Selenium	77-2	88851	86222	86605	87226	1.63	cps
Selenium	78-2	289980	284871	283334	286062	1.22	cps
Silicon	28-1	227520830	213573590	207284197	216126206	4.79	cps
Silver	107-1	10396877	10399623	10383980	10393493	0.08	cps
Silver	109-1	9906925	9982046	9988348	9959106	0.45	cps
Sodium	23-2	121779248	122131365	121199918	121703510	0.39	cps
Strontium	86-1	23048967	22934109	22582891	22855322	1.06	cps
Strontium	88-1	202877250	199884817	200202657	200988241	0.82	cps
Sulfur	34-1	470497	452406	433401	452101	4.10	cps
Terbium	159-1	24059270	24114118	23862938	24012109	0.55	cps
Terbium	159-2	14942380	14731383	14316805	14663523	2.17	cps
Thallium	203-1	51389331	51538529	51633713	51520524	0.24	cps
Thallium	205-1	121745362	123466521	121922378	122378087	0.77	cps
Tin	118-1	16279721	16245301	16072269	16199097	0.69	cps
Titanium	47-1	11695939	11496127	11150768	11447611	2.41	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10 Instrumnet Name : P7
Client Sample ID : PT-MET-SOIL Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:33:14 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29848707	30156208	30104934	30036616	0.55	cps
Vanadium	51-2	22039876	21851480	21982645	21958000	0.44	cps
Yttrium	89-1	28386786	27939347	27496860	27940998	1.59	cps
Yttrium	89-2	7255270	7186248	7210423	7217314	0.49	cps
Zinc	66-2	6121372	6171849	6067232	6120151	0.85	cps
Zirconium	90-1	5418900	5256422	5232557	5302626	1.91	cps
Zirconium	91-1	1193529	1184133	1179532	1185732	0.60	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12576128	12485922	12485622	12515891	0.42	cps
Antimony	121-1	2471146	2517615	2506604	2498455	0.97	cps
Arsenic	75-2	244743	244807	245827	245126	0.25	cps
Barium	135-1	3785914	3895800	3906339	3862684	1.73	cps
Barium	137-1	6625814	6727999	6754881	6702898	1.02	cps
Beryllium	9-1	510668	503280	503753	505900	0.82	cps
Bismuth	209-1	13355872	13106649	12997323	13153281	1.40	cps
Bismuth	209-2	9181775	9278198	9125625	9195199	0.84	cps
Bromine	81-1	21542	22190	22324	22019	1.90	cps
Bromine	81-2	1617	1523	1613	1585	3.34	cps
Cadmium	108-1	63618	65303	65116	64679	1.43	cps
Cadmium	106-1	93709	95323	94525	94519	0.85	cps
Cadmium	111-1	912246	935092	933830	927056	1.39	cps
Calcium	43-1	712813	726813	719286	719638	0.97	cps
Calcium	44-1	10914437	11147531	11041857	11034608	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5956243	5954729	6038704	5983225	0.80	cps
Cobalt	59-2	3135641	3186803	3172289	3164911	0.83	cps
Copper	63-2	6454303	6408704	6501661	6454889	0.72	cps
Dysprosium	156-1	119366	122653	122650	121556	1.56	cps
Dysprosium	156-2	102353	100177	101282	101271	1.07	cps
Erbium	164-1	98974	101542	100609	100375	1.29	cps
Erbium	164-2	66293	64973	66752	66006	1.40	cps
Gadolinium	160-1	112033	113901	115340	113758	1.46	cps
Gadolinium	160-2	79869	80285	79946	80033	0.28	cps
Holmium	165-1	21799111	21392232	21507811	21566385	0.97	cps
Holmium	165-2	14109613	13990202	13903065	14000960	0.74	cps
Indium	115-1	16918752	16579229	16492513	16663498	1.35	cps
Indium	115-2	5878247	5936467	5945812	5920175	0.62	cps
Iron	56-2	230871263	230852270	231740363	231154632	0.22	cps
Iron	57-2	5686921	5731573	5721023	5713172	0.41	cps
Iron	54-2	12818595	12793053	12799396	12803681	0.10	cps
Krypton	83-1	453	417	443	438	4.33	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7590895	7861136	7798971	7750334	1.83	cps
Lead	207-1	6549284	6726087	6713746	6663039	1.48	cps
Lead	208-1	30091437	30860987	30789217	30580547	1.39	cps
Lithium	6-1	2134207	2083937	2037856	2085334	2.31	cps
Magnesium	24-2	13283683	13134581	13259882	13226049	0.61	cps
Manganese	55-2	17117980	17168775	17171066	17152607	0.17	cps
Molybdenum	94-1	2359145	2400036	2379158	2379446	0.86	cps
Molybdenum	95-1	3511525	3531586	3578314	3540475	0.97	cps
Molybdenum	96-1	3835698	3843789	3870770	3850086	0.48	cps
Molybdenum	97-1	2191855	2212649	2222135	2208880	0.70	cps
Molybdenum	98-1	5608694	5709467	5763519	5693893	1.38	cps
Neodymium	150-1	215100	224621	223904	221208	2.40	cps
Neodymium	150-2	127393	127167	129410	127990	0.97	cps
Nickel	60-2	785119	790872	792484	789492	0.49	cps
Phosphorus	31-2	32662	33624	33283	33189	1.47	cps
Potassium	39-2	17796712	17861390	17826176	17828093	0.18	cps
Rhodium	103-1	15820976	15270097	15488971	15526681	1.79	cps
Rhodium	103-2	9374030	9417770	9437385	9409728	0.34	cps
Scandium	45-1	8389257	8156400	8207593	8251083	1.48	cps
Scandium	45-2	812930	803402	808055	808129	0.59	cps
Selenium	82-1	145309	148264	147403	146992	1.03	cps
Selenium	77-2	15839	16780	16259	16292	2.89	cps
Selenium	78-2	53279	53085	53874	53413	0.77	cps
Silicon	28-1	43238903	44037646	43322428	43532992	1.01	cps
Silver	107-1	1979359	2042960	2049521	2023947	1.91	cps
Silver	109-1	1920267	1927972	1917229	1921823	0.29	cps
Sodium	23-2	24538475	24884407	24458815	24627232	0.92	cps
Strontium	86-1	4245098	4340783	4317382	4301088	1.16	cps
Strontium	88-1	37054464	37677924	37530203	37420864	0.87	cps
Sulfur	34-1	225891	221894	217846	221877	1.81	cps
Terbium	159-1	22094144	21905135	22044705	22014661	0.45	cps
Terbium	159-2	14071277	14025517	13882831	13993208	0.70	cps
Thallium	203-1	9572895	9895631	9827810	9765446	1.74	cps
Thallium	205-1	22651810	23508638	23610082	23256843	2.26	cps
Tin	118-1	3088862	3144847	3113257	3115655	0.90	cps
Titanium	47-1	2154287	2165239	2170183	2163236	0.38	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10DLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILDL Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:38:03 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5425746	5618240	5491864	5511950	1.77	cps
Vanadium	51-2	4382545	4429168	4380230	4397314	0.63	cps
Yttrium	89-1	20932746	20505894	20501672	20646771	1.20	cps
Yttrium	89-2	5706091	5689675	5643703	5679823	0.57	cps
Zinc	66-2	1284935	1270087	1276481	1277168	0.58	cps
Zirconium	90-1	963974	988090	987591	979885	1.41	cps
Zirconium	91-1	215691	220356	221824	219291	1.46	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52541309	51794211	51240896	51858805	1.26	cps
Antimony	121-1	9329907	9501593	9398818	9410106	0.92	cps
Arsenic	75-2	1076198	1065902	1053981	1065360	1.04	cps
Barium	135-1	17064277	17279278	17288804	17210786	0.74	cps
Barium	137-1	29216080	29739480	29696679	29550746	0.98	cps
Beryllium	9-1	2137631	2040139	1986360	2054710	3.73	cps
Bismuth	209-1	13185484	13092517	13132684	13136895	0.35	cps
Bismuth	209-2	9116697	9035155	8883748	9011866	1.31	cps
Bromine	81-1	36655	38219	39279	38051	3.47	cps
Bromine	81-2	5391	5531	5404	5442	1.42	cps
Cadmium	108-1	280868	282151	280521	281180	0.31	cps
Cadmium	106-1	395567	395640	395446	395551	0.02	cps
Cadmium	111-1	3955157	3935593	3913984	3934911	0.52	cps
Calcium	43-1	2999397	2971044	2956820	2975754	0.73	cps
Calcium	44-1	47951873	47126601	47818331	47632268	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26358647	25635194	25703062	25898968	1.54	cps
Cobalt	59-2	13761346	13543716	13609359	13638140	0.82	cps
Copper	63-2	27355680	27197209	27325327	27292739	0.31	cps
Dysprosium	156-1	515100	527730	523610	522147	1.23	cps
Dysprosium	156-2	429315	424346	423338	425666	0.75	cps
Erbium	164-1	446214	452550	454340	451035	0.95	cps
Erbium	164-2	288871	287035	285617	287174	0.57	cps
Gadolinium	160-1	491251	503148	500936	498445	1.27	cps
Gadolinium	160-2	339503	332836	335037	335792	1.01	cps
Holmium	165-1	22656318	22456004	22390771	22501031	0.62	cps
Holmium	165-2	14450231	14387094	14258895	14365406	0.68	cps
Indium	115-1	16491282	16221086	16184984	16299118	1.03	cps
Indium	115-2	5772729	5747310	5720715	5746918	0.45	cps
Iron	56-2	995531852	983411372	972025586	983656270	1.20	cps
Iron	57-2	24945521	24570450	24309665	24608545	1.30	cps
Iron	54-2	55415578	54014904	53949196	54459893	1.52	cps
Krypton	83-1	837	950	850	879	7.05	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	34420709	35206862	35078395	34901989	1.21	cps
Lead	207-1	29483375	29850455	30161414	29831748	1.14	cps
Lead	208-1	136093525	137478176	138521633	137364445	0.89	cps
Lithium	6-1	3611593	3564666	3533873	3570044	1.10	cps
Magnesium	24-2	55482171	54345713	54345213	54724365	1.20	cps
Manganese	55-2	74709924	73774261	73160924	73881703	1.06	cps
Molybdenum	94-1	10249252	10398257	10230740	10292750	0.89	cps
Molybdenum	95-1	15484239	15501104	15328764	15438036	0.62	cps
Molybdenum	96-1	16860786	17005836	16818345	16894989	0.58	cps
Molybdenum	97-1	9633302	9740571	9669655	9681176	0.56	cps
Molybdenum	98-1	24782242	24882604	24987207	24884018	0.41	cps
Neodymium	150-1	931275	937713	937749	935579	0.40	cps
Neodymium	150-2	527547	525495	524338	525793	0.31	cps
Nickel	60-2	3419013	3377410	3368578	3388334	0.79	cps
Phosphorus	31-2	140347	136923	136126	137798	1.63	cps
Potassium	39-2	75363087	74571557	74032059	74655568	0.90	cps
Rhodium	103-1	15162266	14734151	15048311	14981576	1.48	cps
Rhodium	103-2	9116820	9088240	9059904	9088321	0.31	cps
Scandium	45-1	8778580	8621637	8442048	8614088	1.95	cps
Scandium	45-2	862354	863336	850959	858883	0.80	cps
Selenium	82-1	632805	638085	640749	637213	0.63	cps
Selenium	77-2	68142	69773	68143	68686	1.37	cps
Selenium	78-2	228920	227756	224304	226993	1.06	cps
Silicon	28-1	135416538	133597655	132770288	133928160	1.01	cps
Silver	107-1	8783639	8849048	8860417	8831035	0.47	cps
Silver	109-1	8389402	8545300	8389051	8441251	1.07	cps
Sodium	23-2	105474982	103809245	102929125	104071117	1.24	cps
Strontium	86-1	19121755	19313225	19050394	19161791	0.71	cps
Strontium	88-1	167809058	170438377	167415661	168554365	0.98	cps
Sulfur	34-1	381358	374947	372467	376257	1.22	cps
Terbium	159-1	22988793	22813660	22952085	22918179	0.40	cps
Terbium	159-2	14349609	14244420	14160862	14251630	0.66	cps
Thallium	203-1	43600967	44696633	43987608	44095069	1.26	cps
Thallium	205-1	104160558	104868535	105219358	104749484	0.51	cps
Tin	118-1	13244197	13405360	13446299	13365285	0.80	cps
Titanium	47-1	8379848	8410564	8234725	8341712	1.13	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10RE Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:40:48 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25402001	26220393	25551300	25724565	1.69	cps
Vanadium	51-2	19154632	18737124	18777783	18889846	1.22	cps
Yttrium	89-1	25469006	25717512	25201344	25462621	1.01	cps
Yttrium	89-2	6850508	6825354	6775013	6816958	0.56	cps
Zinc	66-2	5230687	5192339	5176460	5199829	0.54	cps
Zirconium	90-1	4090648	4149725	4109451	4116608	0.73	cps
Zirconium	91-1	918977	935807	935328	930037	1.03	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10858680	10944147	10800967	10867931	0.66	cps
Antimony	121-1	1839135	1888193	1878295	1868541	1.39	cps
Arsenic	75-2	217694	216459	217808	217320	0.34	cps
Barium	135-1	3320461	3356501	3396980	3357981	1.14	cps
Barium	137-1	5801259	5832084	5855981	5829774	0.47	cps
Beryllium	9-1	437344	443152	442685	441060	0.73	cps
Bismuth	209-1	13134952	13086148	13006688	13075930	0.50	cps
Bismuth	209-2	9346211	9337262	9119964	9267812	1.38	cps
Bromine	81-1	20398	20798	20942	20712	1.36	cps
Bromine	81-2	1280	1240	1227	1249	2.22	cps
Cadmium	108-1	56908	58306	57400	57538	1.23	cps
Cadmium	106-1	83183	83508	84550	83747	0.85	cps
Cadmium	111-1	808812	818388	831253	819485	1.37	cps
Calcium	43-1	626997	636370	633937	632435	0.77	cps
Calcium	44-1	9650642	9727084	9802620	9726782	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5293528	5350879	5319290	5321232	0.54	cps
Cobalt	59-2	2846904	2815194	2867014	2843037	0.92	cps
Copper	63-2	5720648	5699565	5721083	5713765	0.22	cps
Dysprosium	156-1	100046	103253	103085	102128	1.77	cps
Dysprosium	156-2	85438	86813	85967	86073	0.81	cps
Erbium	164-1	86753	86978	87817	87183	0.64	cps
Erbium	164-2	58093	57749	56490	57444	1.47	cps
Gadolinium	160-1	95556	95999	97738	96431	1.20	cps
Gadolinium	160-2	67689	69223	67719	68211	1.29	cps
Holmium	165-1	21115303	21360301	21603182	21359596	1.14	cps
Holmium	165-2	14186818	14107268	13939743	14077943	0.90	cps
Indium	115-1	16712777	16455076	16676421	16614758	0.84	cps
Indium	115-2	6053787	6049962	5901924	6001891	1.44	cps
Iron	56-2	204901884	202591444	204491910	203995079	0.60	cps
Iron	57-2	5069052	4982676	5011504	5021077	0.88	cps
Iron	54-2	11344319	11181966	11219116	11248467	0.76	cps
Krypton	83-1	390	363	357	370	4.77	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6809772	6897924	6884806	6864167	0.69	cps
Lead	207-1	5837476	5967707	5944179	5916454	1.17	cps
Lead	208-1	26876814	27401158	27230989	27169654	0.98	cps
Lithium	6-1	1971847	1938752	1956248	1955616	0.85	cps
Magnesium	24-2	11317822	11558186	11449137	11441715	1.05	cps
Manganese	55-2	15339425	15157384	15190196	15229001	0.64	cps
Molybdenum	94-1	2015981	2025319	2054252	2031851	0.98	cps
Molybdenum	95-1	2997452	3089581	3099742	3062258	1.84	cps
Molybdenum	96-1	3321608	3359799	3373963	3351790	0.81	cps
Molybdenum	97-1	1901833	1925932	1894934	1907566	0.85	cps
Molybdenum	98-1	4898630	4972255	4987423	4952769	0.96	cps
Neodymium	150-1	180081	182407	184474	182321	1.21	cps
Neodymium	150-2	105743	105383	106035	105720	0.31	cps
Nickel	60-2	700149	696976	700088	699071	0.26	cps
Phosphorus	31-2	29281	28757	28987	29009	0.91	cps
Potassium	39-2	15473433	15474149	15529364	15492315	0.21	cps
Rhodium	103-1	15446724	15375455	15439477	15420552	0.25	cps
Rhodium	103-2	9466124	9520952	9387329	9458135	0.71	cps
Scandium	45-1	8048394	7998532	7931559	7992829	0.73	cps
Scandium	45-2	802485	801826	802233	802181	0.04	cps
Selenium	82-1	126738	128135	128492	127788	0.73	cps
Selenium	77-2	13787	14507	14037	14110	2.59	cps
Selenium	78-2	46807	46673	46356	46612	0.50	cps
Silicon	28-1	28346537	29141271	29067599	28851802	1.52	cps
Silver	107-1	1810494	1825141	1833997	1823211	0.65	cps
Silver	109-1	1737194	1740047	1745205	1740815	0.23	cps
Sodium	23-2	21809453	21826167	21738366	21791329	0.21	cps
Strontium	86-1	3730055	3811565	3849309	3796976	1.61	cps
Strontium	88-1	32829260	33204170	33049215	33027548	0.57	cps
Sulfur	34-1	204756	209185	203921	205954	1.37	cps
Terbium	159-1	22027054	21738376	21855076	21873502	0.66	cps
Terbium	159-2	14151173	13898698	14063278	14037716	0.91	cps
Thallium	203-1	8595276	8738726	8779060	8704354	1.11	cps
Thallium	205-1	20623303	20827132	20750876	20733771	0.50	cps
Tin	118-1	2676094	2692948	2707301	2692114	0.58	cps
Titanium	47-1	1697633	1708745	1737549	1714642	1.20	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : P4495-10REDLX5 Instrumnet Name : P7
Client Sample ID : PT-MET-SOILRE Dilution Factor : 5
Date & Time Acquired : 2024-12-03 15:43:24 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4910311	4970323	5044706	4975113	1.35	cps
Vanadium	51-2	3864172	3850458	3822443	3845691	0.55	cps
Yttrium	89-1	20244867	20131128	20308135	20228043	0.44	cps
Yttrium	89-2	5639025	5670944	5586923	5632297	0.75	cps
Zinc	66-2	1115459	1110168	1114815	1113481	0.26	cps
Zirconium	90-1	797483	816125	821485	811698	1.55	cps
Zirconium	91-1	180859	183714	182462	182345	0.78	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21152990	20727945	20858404	20913113	1.04	cps
Antimony	121-1	10229851	10316085	10288615	10278184	0.43	cps
Arsenic	75-2	557160	552367	551866	553798	0.53	cps
Barium	135-1	12350923	12429744	12329218	12369962	0.43	cps
Barium	137-1	21370678	21527585	21751836	21550033	0.89	cps
Beryllium	9-1	698074	715403	717722	710400	1.51	cps
Bismuth	209-1	12270692	12138016	12173979	12194229	0.56	cps
Bismuth	209-2	8650508	8638957	8568842	8619435	0.51	cps
Bromine	81-1	16679	16623	16599	16634	0.25	cps
Bromine	81-2	163	133	153	150	10.18	cps
Cadmium	108-1	191115	194647	192931	192898	0.92	cps
Cadmium	106-1	273848	277080	279927	276952	1.10	cps
Cadmium	111-1	2471500	2513977	2525876	2503784	1.14	cps
Calcium	43-1	10896687	11118205	11111059	11041984	1.14	cps
Calcium	44-1	176527717	179769957	180690631	178996102	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3869019	3842849	3894296	3868721	0.66	cps
Cobalt	59-2	6414565	6519719	6427137	6453807	0.89	cps
Copper	63-2	45401788	45724163	45468538	45531496	0.37	cps
Dysprosium	156-1	563	607	607	592	4.23	cps
Dysprosium	156-2	943	923	897	921	2.54	cps
Erbium	164-1	600	647	637	628	3.91	cps
Erbium	164-2	347	403	397	382	8.10	cps
Gadolinium	160-1	523	590	483	532	10.12	cps
Gadolinium	160-2	987	977	950	971	1.95	cps
Holmium	165-1	21350045	20985656	21215270	21183657	0.87	cps
Holmium	165-2	13880991	13854511	13710491	13815331	0.66	cps
Indium	115-1	15816661	15704616	15731330	15750869	0.37	cps
Indium	115-2	5764925	5696983	5647325	5703078	1.04	cps
Iron	56-2	869676254	867886227	864520014	867360832	0.30	cps
Iron	57-2	21770661	21855473	21881464	21835866	0.27	cps
Iron	54-2	47926018	47208769	47476836	47537208	0.76	cps
Krypton	83-1	350	273	307	310	12.40	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38363818	39120939	38730438	38738398	0.98	cps
Lead	207-1	33874526	34209284	34320730	34134847	0.68	cps
Lead	208-1	154310809	155348781	155421697	155027096	0.40	cps
Lithium	6-1	1501996	1466607	1502381	1490328	1.38	cps
Magnesium	24-2	171820484	172119984	171159431	171699966	0.29	cps
Manganese	55-2	30778430	30649877	30681680	30703329	0.22	cps
Molybdenum	94-1	34604524	34979804	35110165	34898164	0.75	cps
Molybdenum	95-1	49704366	50028803	50622906	50118691	0.93	cps
Molybdenum	96-1	54463384	55363719	55145256	54990786	0.85	cps
Molybdenum	97-1	31149793	31417932	31686450	31418058	0.85	cps
Molybdenum	98-1	79904060	81349749	81686097	80979969	1.17	cps
Neodymium	150-1	850	830	840	840	1.19	cps
Neodymium	150-2	243	240	267	250	5.81	cps
Nickel	60-2	1629228	1627112	1642517	1632952	0.51	cps
Phosphorus	31-2	204071	199898	201269	201746	1.05	cps
Potassium	39-2	106371242	104878892	104267192	105172442	1.03	cps
Rhodium	103-1	14427656	14256137	14212783	14298859	0.79	cps
Rhodium	103-2	8774325	8710531	8605735	8696863	0.98	cps
Scandium	45-1	7981688	7874354	7927818	7927953	0.68	cps
Scandium	45-2	776926	777619	771303	775283	0.45	cps
Selenium	82-1	151613	153334	153090	152679	0.61	cps
Selenium	77-2	16556	16509	16533	16533	0.14	cps
Selenium	78-2	57046	57023	55082	56384	2.00	cps
Silicon	28-1	21116008	22025663	21954445	21698705	2.33	cps
Silver	107-1	12712513	13009874	12925506	12882631	1.19	cps
Silver	109-1	12068734	12237123	12329486	12211781	1.08	cps
Sodium	23-2	265077249	261983963	261999323	263020178	0.68	cps
Strontium	86-1	3034228	3088261	3033054	3051848	1.03	cps
Strontium	88-1	26658729	26582519	26811951	26684400	0.44	cps
Sulfur	34-1	765045	772528	783854	773809	1.22	cps
Terbium	159-1	21641187	21338408	21380525	21453373	0.76	cps
Terbium	159-2	14055880	13762677	13645941	13821499	1.53	cps
Thallium	203-1	9723883	9537642	9759594	9673706	1.23	cps
Thallium	205-1	23111541	23186330	23037402	23111758	0.32	cps
Tin	118-1	8184789	8368193	8291154	8281378	1.11	cps
Titanium	47-1	10496972	10805168	10644957	10649032	1.45	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P7
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:46:11 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31894390	32066181	32167804	32042792	0.43	cps
Vanadium	51-2	3427660	3405359	3413667	3415562	0.33	cps
Yttrium	89-1	18946168	18681439	18913645	18847084	0.77	cps
Yttrium	89-2	5293553	5235241	5193491	5240761	0.96	cps
Zinc	66-2	7656881	7522432	7508668	7562660	1.08	cps
Zirconium	90-1	16811857	16998425	17023641	16944641	0.68	cps
Zirconium	91-1	3768714	3754555	3752546	3758605	0.23	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1327	1640	2624	1863	36.31	cps
Antimony	121-1	1980	1660	1587	1742	12.01	cps
Arsenic	75-2	33	43	83	53	49.61	cps
Barium	135-1	897	490	563	650	33.35	cps
Barium	137-1	1487	857	960	1101	30.69	cps
Beryllium	9-1	327	313	310	317	2.78	cps
Bismuth	209-1	12663415	12793511	12619356	12692094	0.71	cps
Bismuth	209-2	9321507	9501260	9326523	9383097	1.09	cps
Bromine	81-1	16252	16393	15819	16155	1.85	cps
Bromine	81-2	263	253	213	243	10.87	cps
Cadmium	108-1	30	17	10	19	53.91	cps
Cadmium	106-1	4781	4754	4364	4633	5.04	cps
Cadmium	111-1	1199	1159	1022	1127	8.20	cps
Calcium	43-1	1307	1127	1097	1177	9.65	cps
Calcium	44-1	31096	26196	27158	28150	9.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2990	3294	3224	3169	5.01	cps
Cobalt	59-2	457	650	653	587	19.19	cps
Copper	63-2	3060	3070	4001	3377	15.99	cps
Dysprosium	156-1	40	30	33	34	14.78	cps
Dysprosium	156-2	7	20	27	18	57.27	cps
Erbium	164-1	67	90	100	86	19.99	cps
Erbium	164-2	93	60	60	71	27.06	cps
Gadolinium	160-1	87	67	87	80	14.43	cps
Gadolinium	160-2	780	747	697	741	5.66	cps
Holmium	165-1	20256248	20221649	20168006	20215301	0.22	cps
Holmium	165-2	13611878	13744842	13658468	13671729	0.49	cps
Indium	115-1	16456909	16191888	16467584	16372127	0.95	cps
Indium	115-2	5984340	6089165	6021892	6031799	0.88	cps
Iron	56-2	58010	64603	85407	69340	20.62	cps
Iron	57-2	2033	2294	2664	2330	13.59	cps
Iron	54-2	4914	5608	6902	5808	17.37	cps
Krypton	83-1	327	273	297	299	8.94	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11108	11412	11248	11256	1.35	cps
Lead	207-1	10201	9277	9724	9734	4.75	cps
Lead	208-1	46048	43197	44238	44494	3.24	cps
Lithium	6-1	1591029	1571112	1593600	1585247	0.78	cps
Magnesium	24-2	4777	5631	8192	6200	28.66	cps
Manganese	55-2	2100	2277	2910	2429	17.54	cps
Molybdenum	94-1	2394	1667	1637	1899	22.57	cps
Molybdenum	95-1	2787	1690	1927	2135	27.04	cps
Molybdenum	96-1	3220	1867	2124	2404	29.91	cps
Molybdenum	97-1	1797	1047	1023	1289	34.13	cps
Molybdenum	98-1	4494	2774	2807	3358	29.30	cps
Neodymium	150-1	23	7	23	18	54.11	cps
Neodymium	150-2	3	0	17	7	132.33	cps
Nickel	60-2	903	1033	987	974	6.76	cps
Phosphorus	31-2	317	403	370	363	12.03	cps
Potassium	39-2	73185	75408	76330	74974	2.16	cps
Rhodium	103-1	15156389	15382421	15426774	15321861	0.95	cps
Rhodium	103-2	9507635	9468247	9371486	9449123	0.74	cps
Scandium	45-1	8074068	8051772	8118142	8081327	0.42	cps
Scandium	45-2	783118	784661	786801	784860	0.24	cps
Selenium	82-1	735	732	775	747	3.22	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	560	623	550	578	6.88	cps
Silicon	28-1	691941	689675	698575	693397	0.67	cps
Silver	107-1	1063	723	720	836	23.61	cps
Silver	109-1	777	743	590	703	14.16	cps
Sodium	23-2	44003	44996	48857	45952	5.58	cps
Strontium	86-1	900	747	840	829	9.32	cps
Strontium	88-1	4174	2460	2700	3111	29.82	cps
Sulfur	34-1	214456	216653	217370	216160	0.70	cps
Terbium	159-1	20825401	20861941	20412871	20700071	1.20	cps
Terbium	159-2	13709989	13733366	13772309	13738555	0.23	cps
Thallium	203-1	3977	3394	3494	3622	8.62	cps
Thallium	205-1	9587	7966	8283	8612	9.98	cps
Tin	118-1	3911	3787	3791	3829	1.84	cps
Titanium	47-1	827	417	417	553	42.78	cps

LB Number : LB133721 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P7
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2024-12-03 15:53:54 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1540	760	907	1069	38.78	cps
Vanadium	51-2	317	317	480	371	25.41	cps
Yttrium	89-1	18845128	18930583	18873151	18882954	0.23	cps
Yttrium	89-2	5250124	5295949	5240001	5262025	0.57	cps
Zinc	66-2	1287	1513	1573	1458	10.37	cps
Zirconium	90-1	2150	1783	1783	1906	11.11	cps
Zirconium	91-1	437	380	453	423	9.08	cps