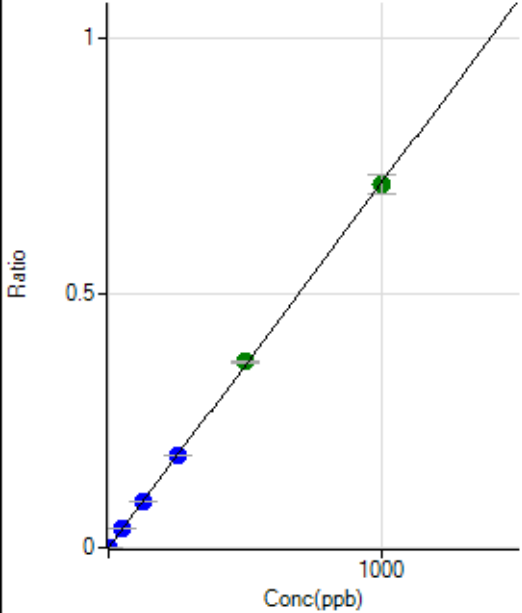


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111324MS1.b\
Analysis File: P7111324MS1.batch.bin
DA Date-Time: 2024-11-13 15:05:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-13 13:27:00
2	006CALS.d	S02	2024-11-13 13:33:31
3	007CALS.d	S03	2024-11-13 13:36:47
4	008CALS.d	S04	2024-11-13 13:39:42
5	009CALS.d	S05	2024-11-13 13:42:28
6	010CALS.d	S06	2024-11-13 13:45:14
7	011CALS.d	S07	2024-11-13 13:47:58
8	012CALS.d	S08	2024-11-13 13:50:45

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	124.08	0.0000	P	16.0
2	☐	1.000	1.023	2602.11	0.0008	P	5.1
3	☐	50.000	51.073	133686.06	0.0367	P	2.4
4	☐	125.000	125.965	320151.40	0.0903	P	2.1
5	☐	250.000	253.305	626415.73	0.1816	P	1.0
6	☐	500.000	509.297	1275497.92	0.3652	A	0.7
7	☐	1000.000	994.351	2525479.51	0.7129	A	5.4
8	☐			496.31	0.0002	P	27.8

$y = 7.1693E-004 * x + 3.7135E-005$

$R = 0.9999$

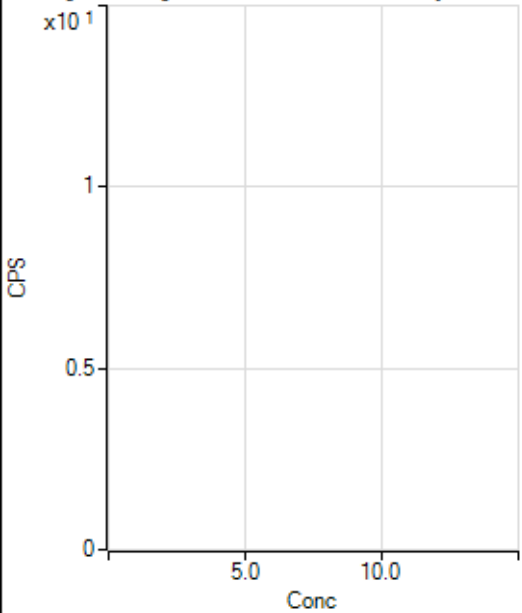
$DL = 0.02494$

$BEC = 0.0518$

Weight: <None>

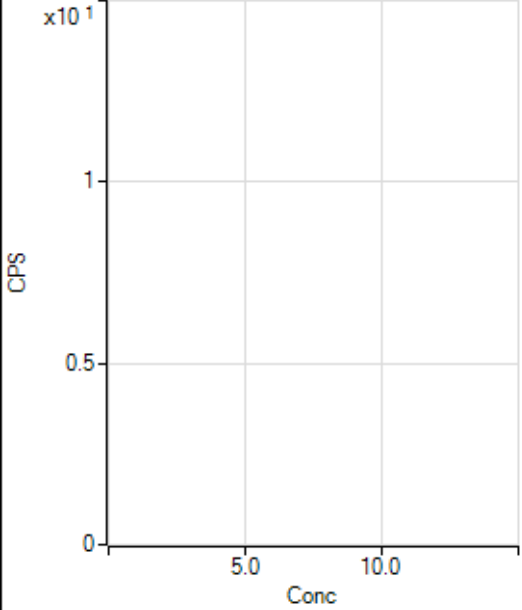
Min Conc: 0

12 C [No Gas] No available calibration points



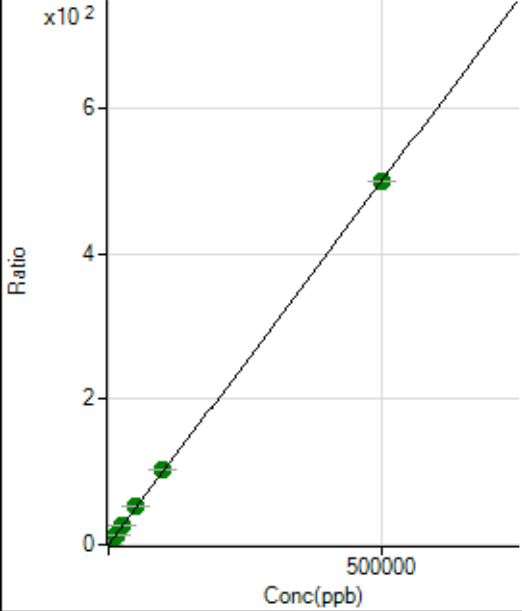
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	62135.81	0.0528	P	1.7
2	☐	500.000	491.798	638820.92	0.5435	P	0.5
3	☐	5000.000	5218.164	6353107.06	5.2600	A	2.0
4	☐	12500.000	13000.958	15445071.99	13.0265	A	1.5
5	☐	25000.000	26097.650	30454716.21	26.0957	A	0.5
6	☐	50000.000	51697.375	59565411.33	51.6418	A	0.1
7	☐	100000.00	102528.25	120240770.43	102.3662	A	0.8
8	☐	500000.00	499255.03	561867418.30	498.2617	A	0.1

$y = 9.9790E-004 * x + 0.0528$

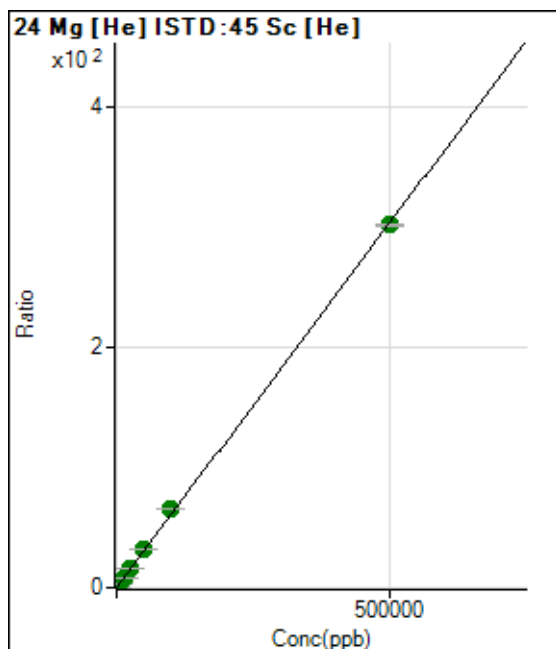
$R = 1.0000$

$DL = 2.738$

$BEC = 52.89$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2236.85	0.0019	P	2.4
2	☐	500.000	520.970	373291.96	0.3176	P	0.4
3	☐	5000.000	5429.554	3975918.24	3.2923	A	1.4
4	☐	12500.000	13493.113	9697209.51	8.1788	A	0.5
5	☐	25000.000	27073.490	19149691.80	16.4087	A	0.2
6	☐	50000.000	53431.707	37350008.33	32.3820	A	0.6
7	☐	100000.00	108660.70	77349841.07	65.8512	A	0.6
8	☐	500000.00	497791.87	340177574.93	301.6680	A	0.8

$$y = 6.0601E-004 * x + 0.0019$$

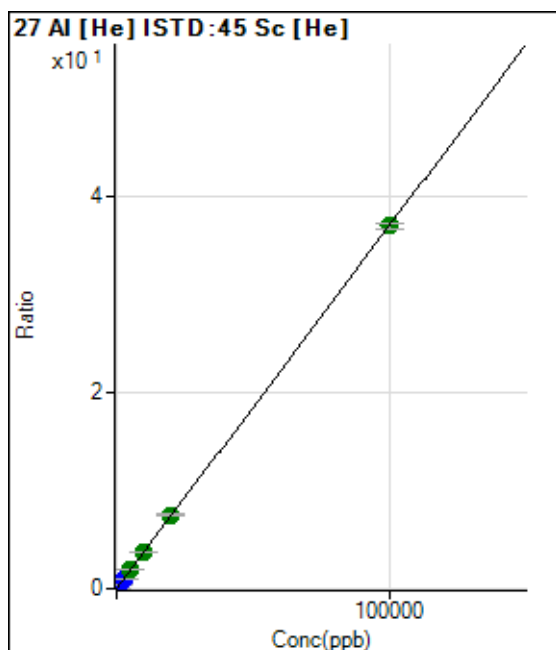
R = 0.9998

DL = 0.2296

BEC = 3.135

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	398.90	0.0003	P	15.5
2	☐	20.000	19.067	8715.88	0.0074	P	1.2
3	☐	1000.000	1029.565	461916.27	0.3825	P	0.8
4	☐	2500.000	2509.537	1104791.94	0.9318	P	0.5
5	☐	5000.000	5178.936	2243674.39	1.9226	A	1.4
6	☐	10000.000	10170.581	4354764.03	3.7754	A	0.7
7	☐	20000.000	20377.497	8884782.50	7.5640	A	0.3
8	☐	100000.00	99897.962	41812816.04	37.0800	A	1.4

$$y = 3.7118E-004 * x + 3.3873E-004$$

R = 1.0000

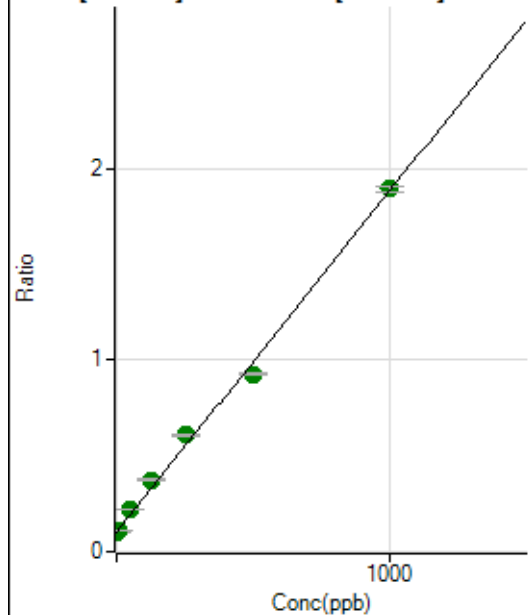
DL = 0.4233

BEC = 0.9126

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	1594353.38	0.1026	A	0.7
2	☐	10.000	4.018	1669586.10	0.1097	A	0.9
3	☐	50.000	65.623	3593196.13	0.2195	A	2.6
4	☐	125.000	153.092	5973989.08	0.3754	A	2.0
5	☐	250.000	285.033	9325733.89	0.6105	A	0.9
6	☐	500.000	461.679	13958283.68	0.9253	A	1.0
7	☐	1000.000	1006.169	29218570.12	1.8957	A	1.6
8	☐			1609183.55	0.1169	A	1.6

$$y = 0.0018 * x + 0.1026$$

$$R = 0.9978$$

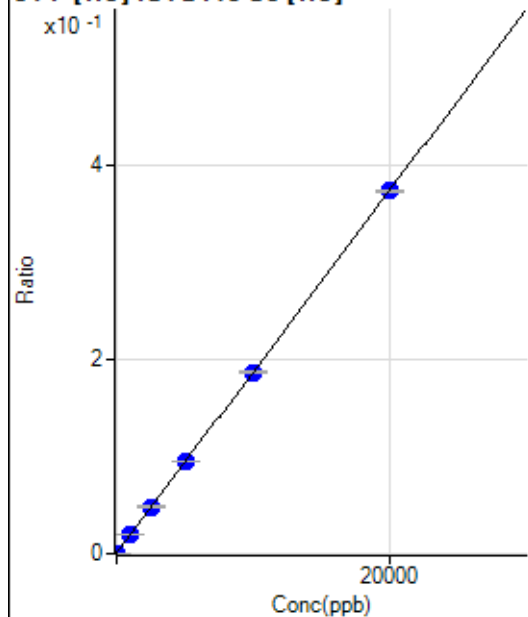
$$DL = 1.148$$

$$BEC = 57.56$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.289	207.78	0.0002	P	14.6
2	☐	0.000	17.289	966.71	0.0008	P	10.0
3	☐	1000.000	1026.122	23755.20	0.0197	P	2.8
4	☐	2500.000	2561.554	57341.44	0.0484	P	1.4
5	☐	5000.000	5039.564	110481.74	0.0947	P	0.6
6	☐	10000.000	9980.821	215690.94	0.1870	P	1.0
7	☐	20000.000	19990.698	439362.86	0.3740	P	0.3
8	☐			384.45	0.0003	P	2.5

$$y = 1.8686E-005 * x + 4.9957E-004$$

$$R = 1.0000$$

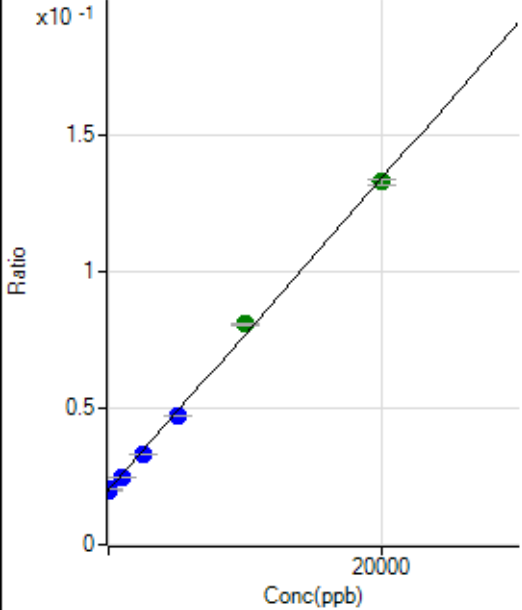
$$DL = 8.663$$

$$BEC = 26.74$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-63.850	305372.90	0.0196	P	0.4
2	☐	0.000	63.850	309977.57	0.0204	P	1.0
3	☐	1000.000	806.663	402728.28	0.0246	P	2.2
4	☐	2500.000	2298.366	526731.72	0.0331	P	1.4
5	☐	5000.000	4788.863	722145.33	0.0473	P	0.3
6	☐	10000.000	10634.780	1215385.14	0.0806	A	1.1
7	☐	20000.000	19770.266	2043513.18	0.1326	A	1.2
8	☐			269999.93	0.0196	P	1.0

$y = 5.6938E-006 * x + 0.0200$

R = 0.9991

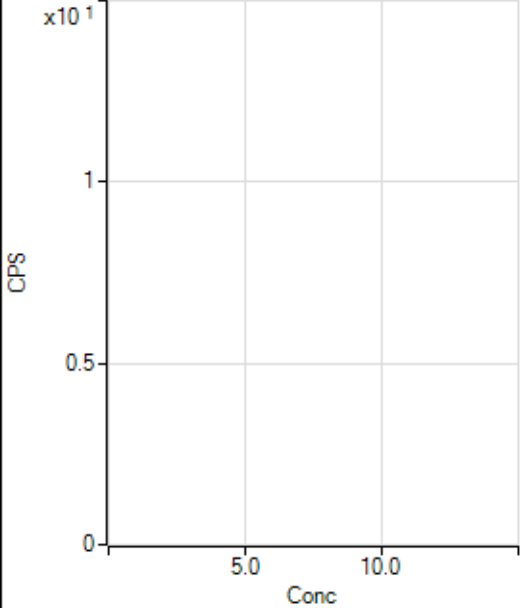
DL = 75.02

BEC = 3514

Weight: <None>

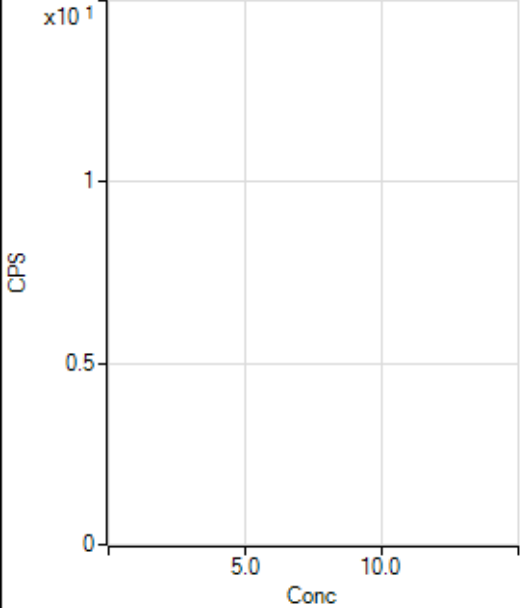
Min Conc: 0

35 Cl [No Gas] No available calibration points



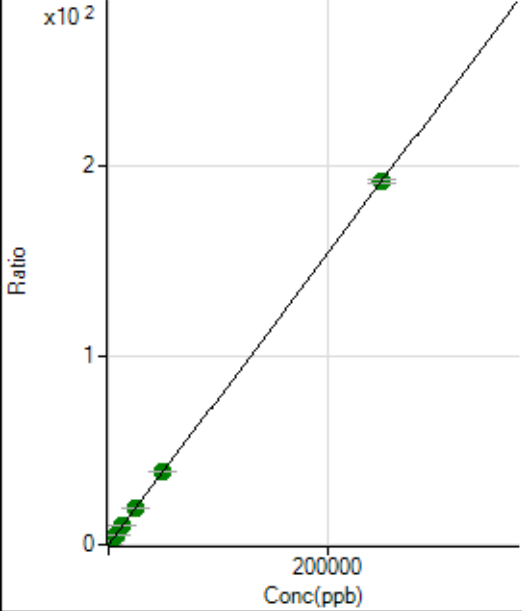
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	68319.02	0.0580	P	0.8
2	☐	500.000	531.315	546891.51	0.4653	P	0.6
3	☐	2500.000	2661.613	2534264.17	2.0984	A	0.6
4	☐	6250.000	6519.497	5994633.94	5.0558	A	0.3
5	☐	12500.000	12842.340	11557035.80	9.9029	A	0.4
6	☐	25000.000	25446.113	22566465.77	19.5648	A	1.3
7	☐	50000.000	50630.512	45659067.65	38.8709	A	0.5
8	☐	250000.00	249803.75	216007385.67	191.5554	A	1.1

$y = 7.6659E-004 * x + 0.0580$

$R = 1.0000$

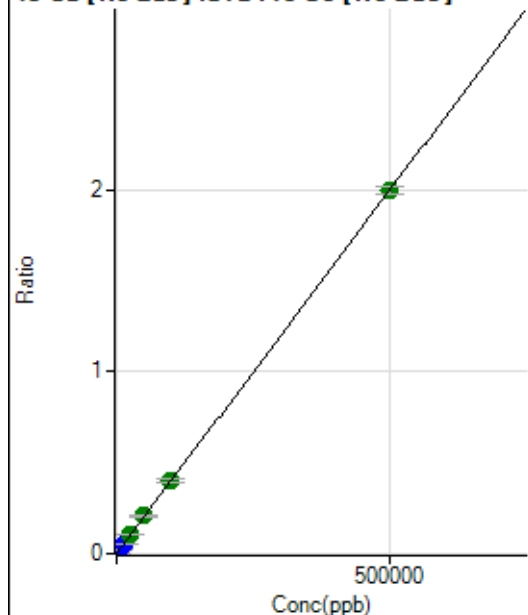
$DL = 1.721$

$BEC = 75.69$

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	1604.55	0.0001	P	2.5
2	☐	500.000	524.482	33426.86	0.0022	P	0.9
3	☐	5000.000	5483.682	360005.95	0.0220	P	1.9
4	☐	12500.000	13419.161	854111.92	0.0537	P	1.4
5	☐	25000.000	26489.622	1616674.16	0.1058	A	1.3
6	☐	50000.000	51907.600	3126957.80	0.2073	A	1.6
7	☐	100000.00	100775.63	6201194.00	0.4024	A	3.2
8	☐	500000.00	499551.79	27456277.92	1.9941	A	2.0

$$y = 3.9916E-006 * x + 1.0324E-004$$

R = 1.0000

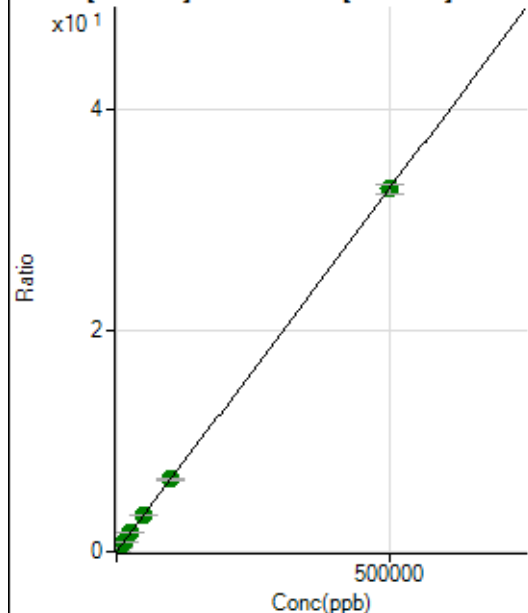
DL = 1.916

BEC = 25.86

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	68183.57	0.0044	P	0.6
2	☐	500.000	528.827	594038.24	0.0390	P	0.2
3	☐	5000.000	5254.943	5709232.69	0.3487	A	1.5
4	☐	12500.000	12888.465	13511674.11	0.8490	A	1.2
5	☐	25000.000	26198.430	26290756.00	1.7212	A	1.1
6	☐	50000.000	51193.689	50673525.36	3.3592	A	0.4
7	☐	100000.00	99750.628	100816521.83	6.5412	A	3.2
8	☐	500000.00	499858.29	451107855.50	32.7607	A	2.8

$$y = 6.5531E-005 * x + 0.0044$$

R = 1.0000

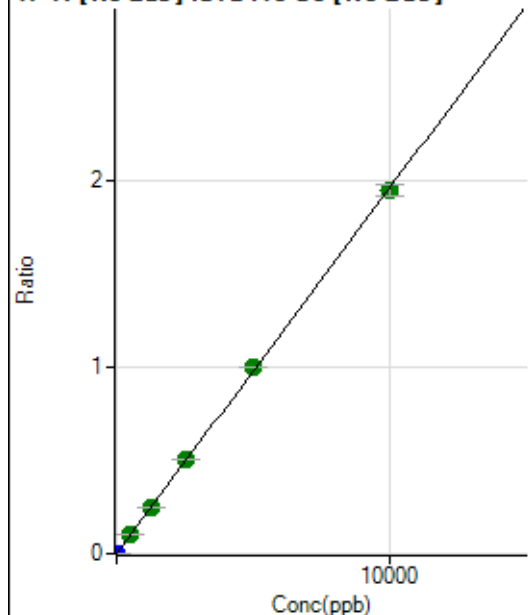
DL = 1.156

BEC = 66.94

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1285.62	0.0001	P	5.5
2	☐	5.000	4.710	15264.45	0.0010	P	0.9
3	☐	500.000	514.587	1647466.90	0.1006	A	2.3
4	☐	1250.000	1269.443	3949466.92	0.2482	A	1.7
5	☐	2500.000	2584.154	7715174.88	0.5051	A	0.2
6	☐	5000.000	5096.270	15024965.61	0.9960	A	0.6
7	☐	10000.000	9927.667	29903445.11	1.9402	A	3.3
8	☐			3852.82	0.0003	P	47.3

$$y = 1.9543E-004 * x + 8.2704E-005$$

R = 0.9999

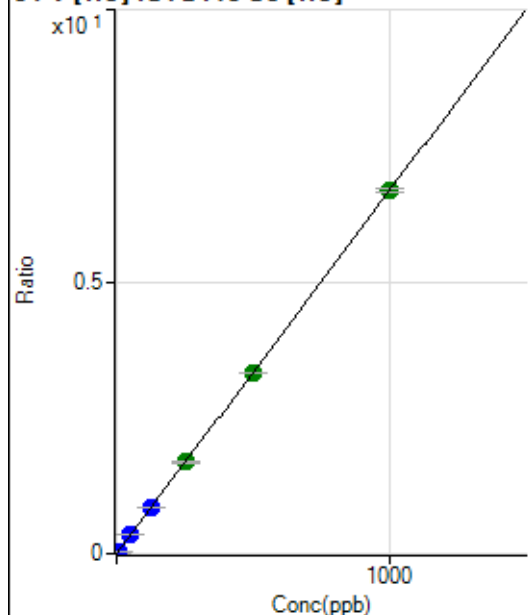
DL = 0.06925

BEC = 0.4232

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0000	P	18.5
2	☐	5.000	5.115	40144.42	0.0342	P	1.5
3	☐	50.000	51.019	411008.88	0.3404	P	2.0
4	☐	125.000	125.218	990373.96	0.8353	P	0.8
5	☐	250.000	252.473	1965458.34	1.6842	A	1.0
6	☐	500.000	499.685	3844704.25	3.3332	A	0.2
7	☐	1000.000	999.461	7831176.48	6.6671	A	1.1
8	☐			1230.06	0.0011	P	5.5

$$y = 0.0067 * x + 3.4911E-005$$

R = 1.0000

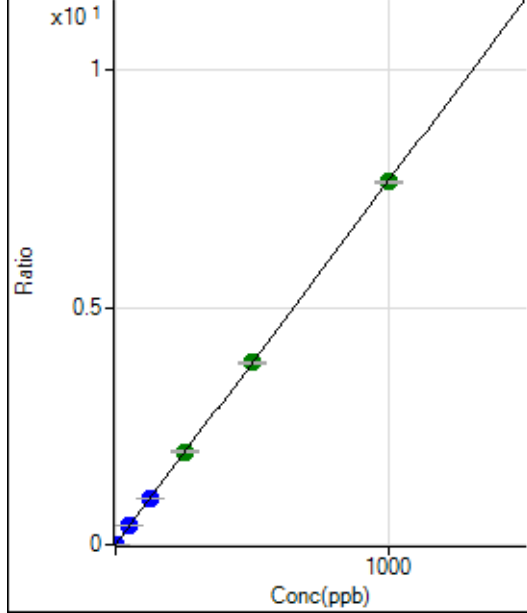
DL = 0.002907

BEC = 0.005234

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3461.54	0.0029	P	2.3
2	☐	2.000	1.909	20645.33	0.0176	P	0.7
3	☐	50.000	52.554	489829.84	0.4056	P	1.4
4	☐	125.000	127.318	1160092.32	0.9785	P	1.1
5	☐	250.000	255.143	2284895.22	1.9579	A	1.0
6	☐	500.000	501.586	4436295.94	3.8462	A	1.0
7	☐	1000.000	997.504	8981263.34	7.6461	A	0.5
8	☐			28730.00	0.0255	P	7.2

$$y = 0.0077 * x + 0.0029$$

$$R = 1.0000$$

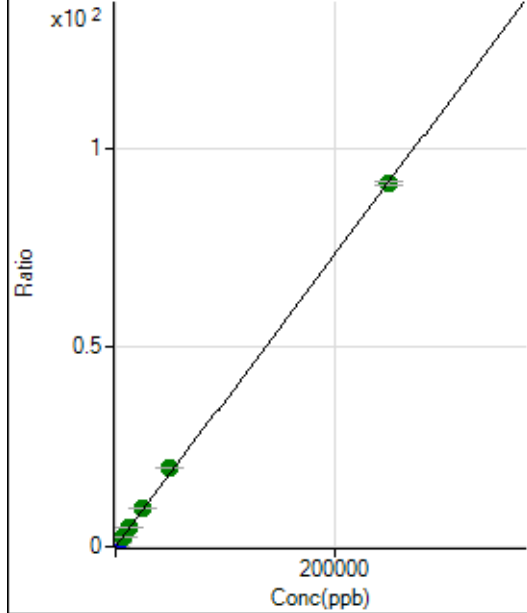
$$DL = 0.02591$$

$$BEC = 0.3837$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5130.92	0.0044	P	2.6
2	☐	50.000	57.193	29701.51	0.0253	P	0.8
3	☐	2500.000	2882.412	1278164.99	1.0583	P	0.6
4	☐	6250.000	6919.582	3004952.84	2.5346	A	1.1
5	☐	12500.000	13704.110	5853166.16	5.0154	A	0.3
6	☐	25000.000	26947.391	11370256.91	9.8579	A	0.7
7	☐	50000.000	53681.595	23061954.10	19.6335	A	0.4
8	☐	250000.00	248988.17	102671539.58	91.0492	A	1.2

$$y = 3.6566E-004 * x + 0.0044$$

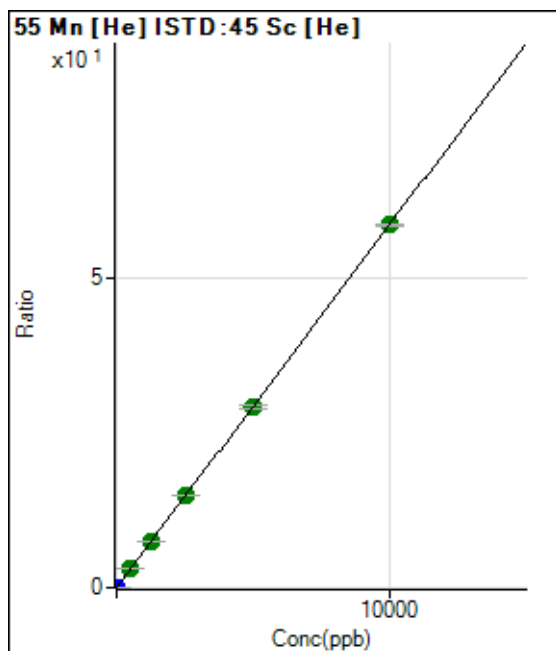
$$R = 0.9999$$

$$DL = 0.9358$$

$$BEC = 11.92$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2566.91	0.0022	P	3.7
2	☐	1.000	0.953	9143.95	0.0078	P	1.0
3	☐	500.000	519.722	3689825.12	3.0554	A	1.2
4	☐	1250.000	1267.848	8833105.63	7.4505	A	1.7
5	☐	2500.000	2536.059	17390178.77	14.9009	A	0.2
6	☐	5000.000	4982.372	33762424.50	29.2723	A	1.4
7	☐	10000.000	9996.582	68985210.64	58.7295	A	0.6
8	☐			33701.98	0.0299	P	0.5

$$y = 0.0059 * x + 0.0022$$

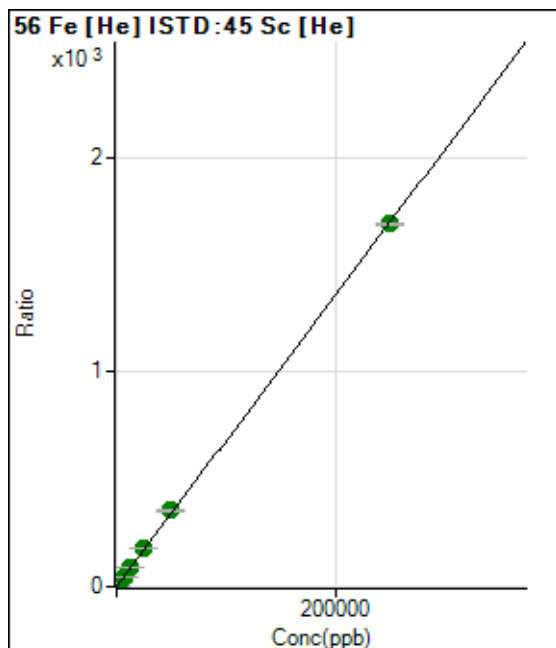
$$R = 1.0000$$

$$DL = 0.0409$$

$$BEC = 0.3711$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54523.82	0.0463	P	0.7
2	☐	50.000	53.273	479282.85	0.4078	P	0.2
3	☐	2500.000	2712.160	22280373.28	18.4498	A	1.1
4	☐	6250.000	6747.854	54340227.52	45.8342	A	1.3
5	☐	12500.000	13314.682	105494775.09	90.3938	A	0.2
6	☐	25000.000	26316.882	206026101.38	178.6209	A	0.3
7	☐	50000.000	52336.651	417200558.23	355.1795	A	0.7
8	☐	250000.00	249345.67	1907986229.3	1,691.994	A	0.6

$$y = 0.0068 * x + 0.0463$$

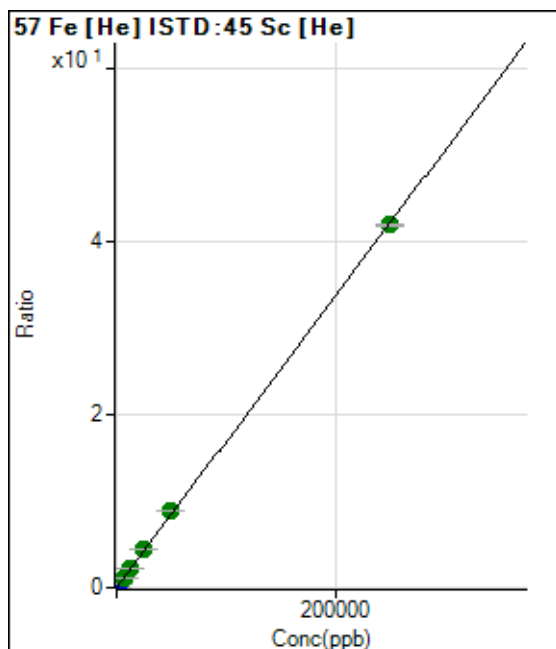
$$R = 0.9999$$

$$DL = 0.1465$$

$$BEC = 6.825$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2331.31	0.0020	P	6.0
2	☐	50.000	55.715	13360.49	0.0114	P	1.6
3	☐	2500.000	2845.371	581363.55	0.4814	P	1.3
4	☐	6250.000	6782.479	1357354.79	1.1448	A	0.6
5	☐	12500.000	13419.513	2641245.69	2.2632	A	0.3
6	☐	25000.000	26504.270	5153542.67	4.4680	A	1.1
7	☐	50000.000	52925.845	10477609.77	8.9200	A	0.7
8	☐	250000.00	249201.66	47353186.52	41.9927	A	0.7

$$y = 1.6850E-004 * x + 0.0020$$

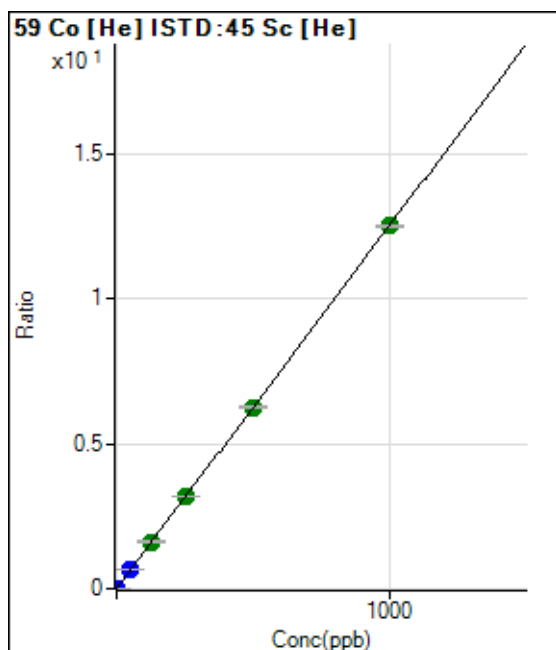
R = 0.9999

DL = 2.115

BEC = 11.75

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.89	0.0002	P	11.6
2	☐	1.000	1.081	16199.95	0.0138	P	0.2
3	☐	50.000	52.655	796650.90	0.6597	P	1.1
4	☐	125.000	129.351	1920938.76	1.6202	A	0.9
5	☐	250.000	253.945	3711727.51	3.1806	A	1.0
6	☐	500.000	498.507	7201507.53	6.2434	A	1.0
7	☐	1000.000	999.083	14697566.58	12.5125	A	0.5
8	☐			34808.10	0.0309	P	1.8

$$y = 0.0125 * x + 2.4539E-004$$

R = 1.0000

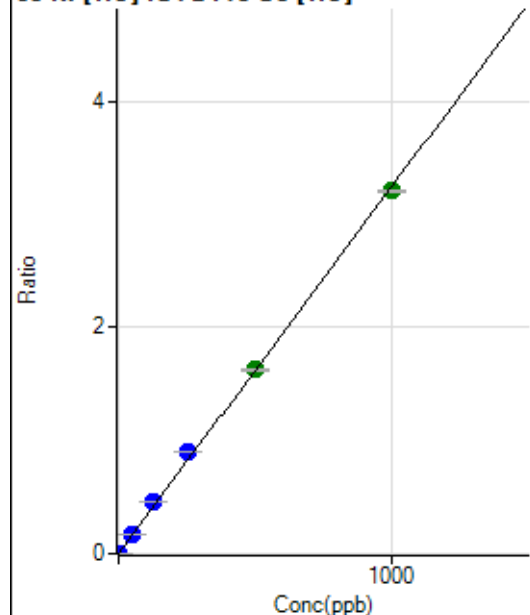
DL = 0.006838

BEC = 0.01959

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	1507.87	0.0013	P	5.0
2	☐	1.000	1.112	5740.04	0.0049	P	1.9
3	☐	50.000	53.014	209046.98	0.1731	P	1.1
4	☐	125.000	142.240	548103.49	0.4623	P	1.1
5	☐	250.000	276.805	1048494.60	0.8984	P	1.0
6	☐	500.000	503.140	1882477.40	1.6320	A	1.0
7	☐	1000.000	989.423	3768384.11	3.2081	A	0.4
8	☐			16623.77	0.0147	P	0.2

$$y = 0.0032 * x + 0.0013$$

$$R = 0.9995$$

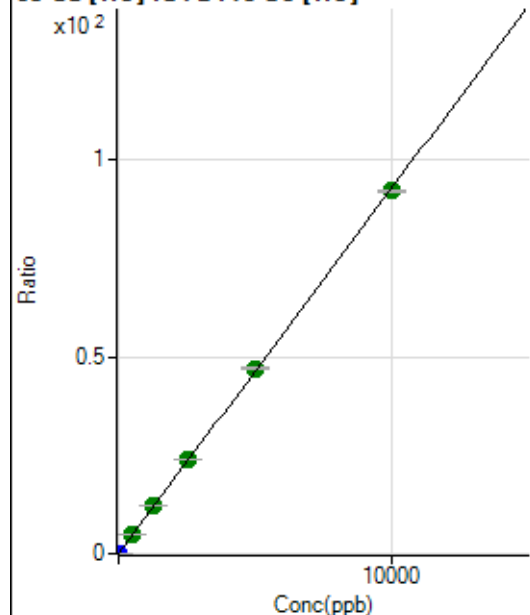
$$DL = 0.05912$$

$$BEC = 0.3951$$

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	2774.73	0.0024	P	3.9
2	☐	2.000	2.049	25124.49	0.0214	P	1.4
3	☐	500.000	539.347	6048416.30	5.0086	A	1.0
4	☐	1250.000	1312.596	14447922.42	12.1859	A	0.6
5	☐	2500.000	2582.801	27981004.30	23.9760	A	1.1
6	☐	5000.000	5071.303	54296443.64	47.0744	A	0.5
7	☐	10000.000	9933.857	108310713.94	92.2088	A	0.5
8	☐			24475.67	0.0217	P	0.9

$$y = 0.0093 * x + 0.0024$$

$$R = 0.9999$$

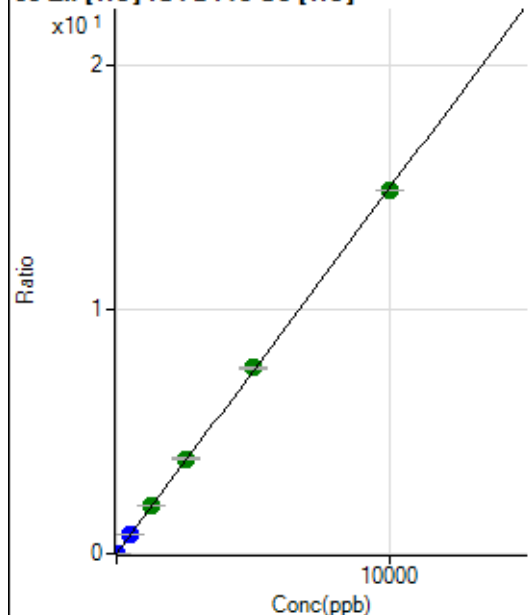
$$DL = 0.03008$$

$$BEC = 0.2539$$

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	3731.61	0.0032	P	3.4
2	☐	2.000	3.293	9520.90	0.0081	P	1.1
3	☐	500.000	539.669	979689.03	0.8113	P	1.8
4	☐	1250.000	1310.590	2330505.43	1.9657	A	1.4
5	☐	2500.000	2596.134	4540387.85	3.8908	A	1.6
6	☐	5000.000	5077.462	8773374.66	7.6065	A	0.9
7	☐	10000.000	9927.678	17466125.57	14.8695	A	0.1
8	☐			13614.06	0.0121	P	0.7

$$y = 0.0015 * x + 0.0032$$

R = 0.9999

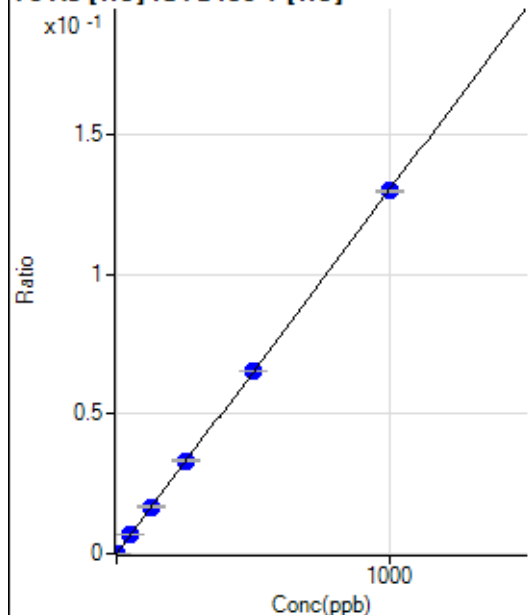
DL = 0.2138

BEC = 2.117

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	20.00	0.0000	P	16.6
2	☐	1.000	1.064	1308.96	0.0001	P	9.1
3	☐	50.000	51.664	64501.51	0.0067	P	2.2
4	☐	125.000	129.049	156838.83	0.0168	P	1.3
5	☐	250.000	256.153	306497.32	0.0333	P	0.5
6	☐	500.000	500.828	591154.65	0.0652	P	0.3
7	☐	1000.000	997.458	1208183.98	0.1298	P	0.3
8	☐			618.91	0.0001	P	3.3

$$y = 1.3011\text{E-}004 * x + 2.1382\text{E-}006$$

R = 1.0000

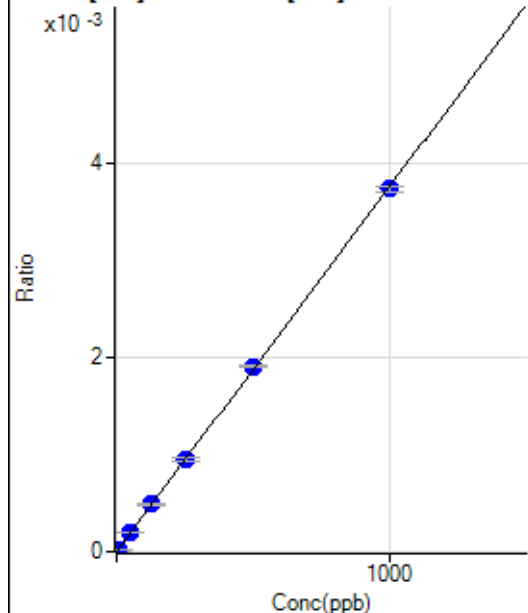
DL = 0.008163

BEC = 0.01643

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.667	164.45	0.0000	P	4.0
3	☐	50.000	51.989	1875.70	0.0002	P	4.1
4	☐	125.000	130.416	4580.75	0.0005	P	4.0
5	☐	250.000	253.199	8757.12	0.0010	P	2.9
6	☐	500.000	508.380	17339.13	0.0019	P	1.1
7	☐	1000.000	994.236	34797.50	0.0037	P	1.4
8	☐			14.45	0.0000	P	47.9

$$y = 3.7595E-006 * x + 1.1831E-007$$

R = 0.9999

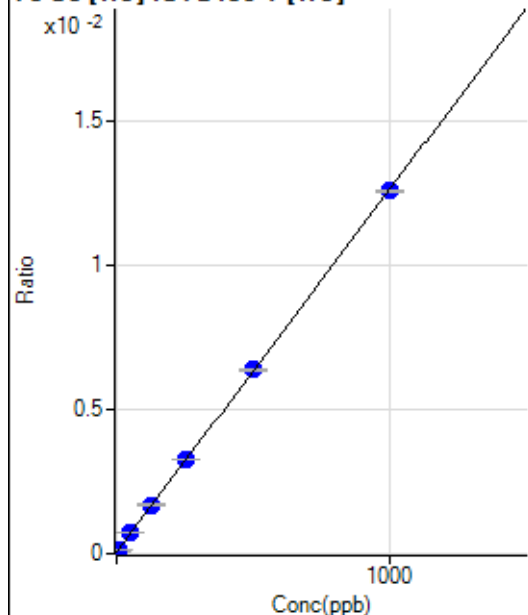
DL = 0.1635

BEC = 0.03147

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	496.68	0.0001	P	5.6
2	☐	5.000	5.043	1084.49	0.0001	P	4.0
3	☐	50.000	54.247	7051.75	0.0007	P	2.4
4	☐	125.000	130.587	15829.67	0.0017	P	0.9
5	☐	250.000	254.636	29925.79	0.0033	P	0.1
6	☐	500.000	502.535	57791.18	0.0064	P	0.3
7	☐	1000.000	996.663	117131.92	0.0126	P	0.6
8	☐			523.35	0.0001	P	7.0

$$y = 1.2571E-005 * x + 5.3105E-005$$

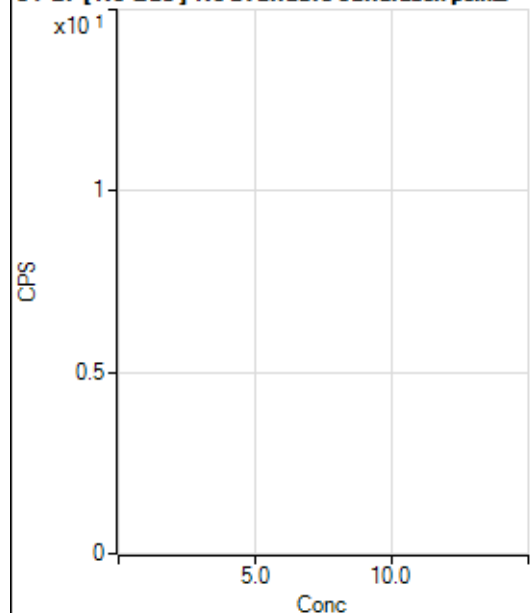
R = 1.0000

DL = 0.7075

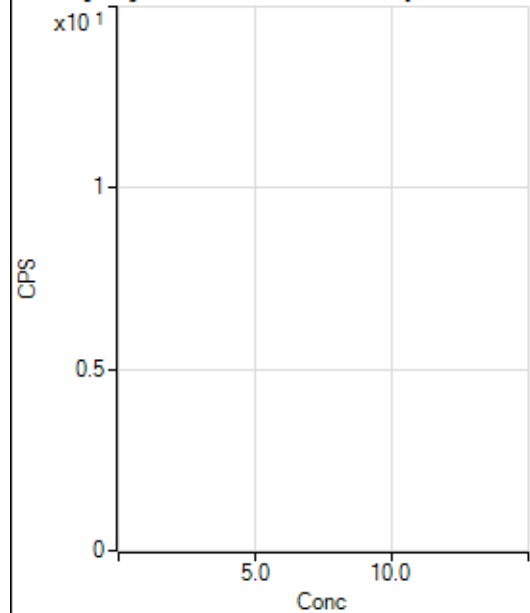
BEC = 4.224

Weight: <None>

Min Conc: 0

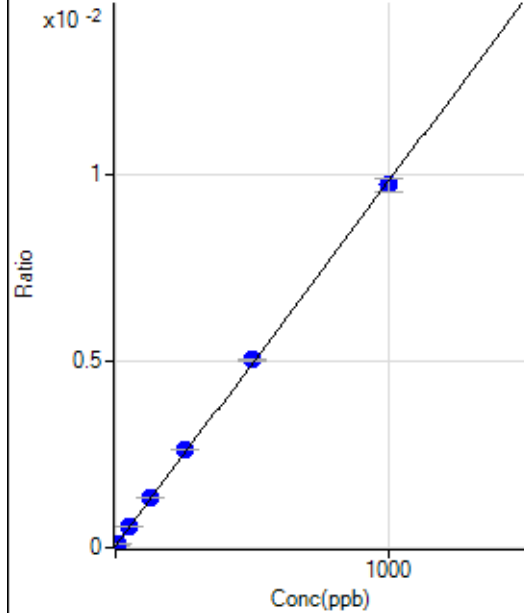
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13846.58		P	1.4
2	☐			14150.21		P	1.0
3	☐			14483.86		P	1.3
4	☐			14166.87		P	1.9
5	☐			13685.32		P	3.3
6	☐			13231.57		P	1.4
7	☐			13582.98		P	2.5
8	☐			15038.88		P	4.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			120.00		P	12.1
2	☐			94.45		P	7.3
3	☐			93.34		P	37.8
4	☐			115.56		P	20.5
5	☐			133.34		P	19.5
6	☐			116.67		P	0.0
7	☐			140.00		P	10.4
8	☐			267.78		P	6.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1793.62	0.0000	P	6.0
2	☐	5.000	5.185	3631.13	0.0001	P	1.1
3	☐	50.000	52.769	22356.15	0.0006	P	3.2
4	☐	125.000	131.683	51662.43	0.0013	P	0.8
5	☐	250.000	264.984	98354.15	0.0026	P	1.0
6	☐	500.000	509.911	187528.55	0.0050	P	0.9
7	☐	1000.000	990.324	371247.28	0.0097	P	4.1
8	☐			1834.13	0.0001	P	3.5

$y = 9.7805E-006 * x + 4.7471E-005$

R = 0.9998

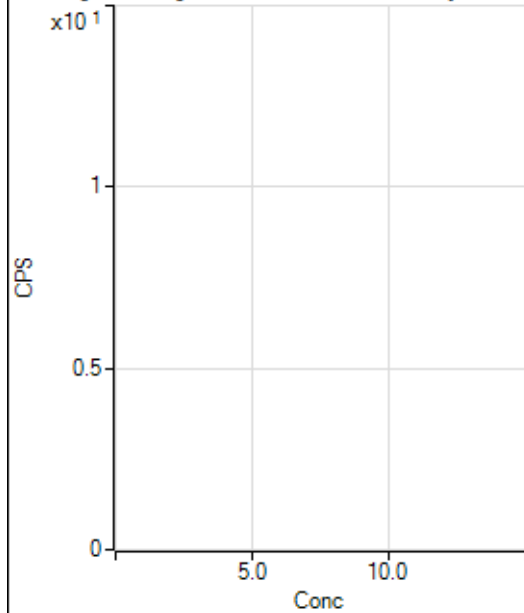
DL = 0.8708

BEC = 4.854

Weight: <None>

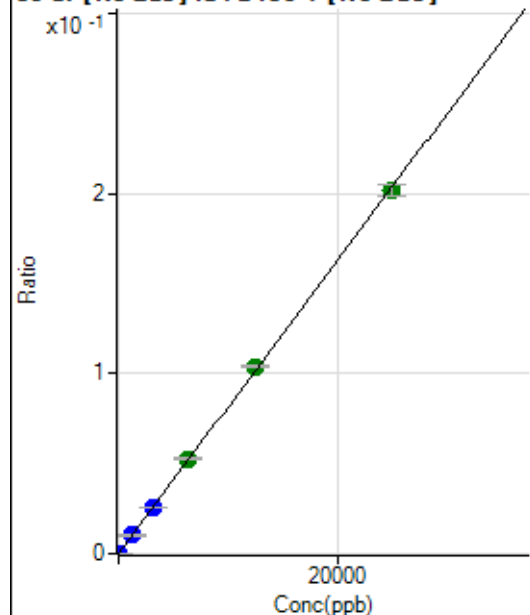
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			318.90		P	5.8
2	☐			323.34		P	6.3
3	☐			382.23		P	13.1
4	☐			356.67		P	11.7
5	☐			341.12		P	9.1
6	☐			291.12		P	19.6
7	☐			362.23		P	6.5
8	☐			416.68		P	20.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	675.58	0.0000	P	4.9
2	☐	1.000	26.193	8536.98	0.0002	P	1.9
3	☐	1250.000	1258.792	406734.12	0.0103	P	2.7
4	☐	3125.000	3147.530	990700.57	0.0256	P	1.0
5	☐	6250.000	6462.821	1958856.34	0.0526	A	1.3
6	☐	12500.000	12805.811	3878877.55	0.1041	A	0.8
7	☐	25000.000	24790.632	7689072.80	0.2016	A	3.2
8	☐			20763.64	0.0006	P	2.5

$$y = 8.1304\text{E-}006 * x + 1.7871\text{E-}005$$

$$R = 0.9998$$

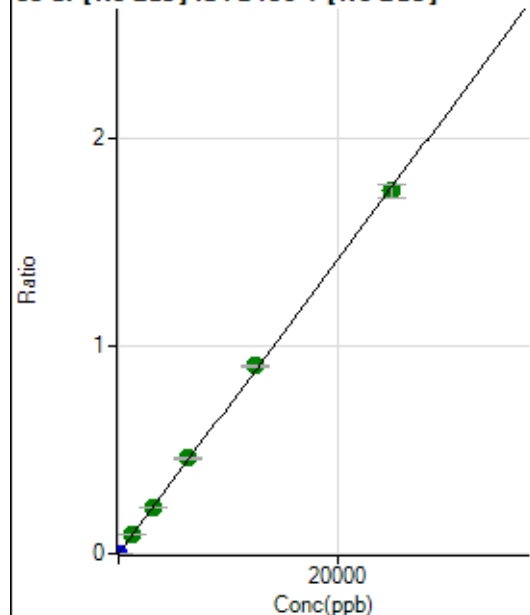
$$DL = 0.3259$$

$$BEC = 2.198$$

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	1265.62	0.0000	P	5.7
2	☐	1.000	25.551	67801.92	0.0018	P	1.2
3	☐	1250.000	1281.278	3581993.63	0.0903	A	2.3
4	☐	3125.000	3186.933	8685820.84	0.2245	A	0.7
5	☐	6250.000	6509.387	17088457.25	0.4585	A	1.2
6	☐	12500.000	12814.671	33623177.83	0.9027	A	0.3
7	☐	25000.000	24768.511	66546716.23	1.7447	A	3.9
8	☐			177050.80	0.0052	P	0.3

$$y = 7.0438\text{E-}005 * x + 3.3496\text{E-}005$$

$$R = 0.9998$$

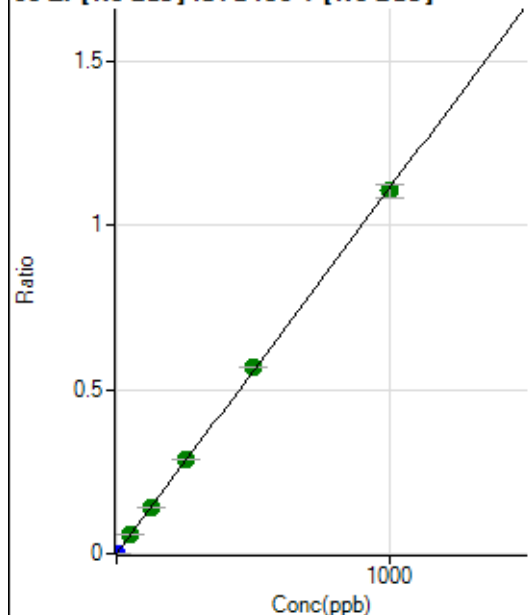
$$DL = 0.0819$$

$$BEC = 0.4755$$

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	2805.85	0.0001	P	4.9
2	☐	1.000	1.002	43971.24	0.0012	P	0.5
3	☐	50.000	51.129	2259893.28	0.0570	A	2.9
4	☐	125.000	127.575	5494540.82	0.1420	A	0.9
5	☐	250.000	257.066	10662465.40	0.2861	A	1.4
6	☐	500.000	509.826	21133536.35	0.5674	A	0.1
7	☐	1000.000	992.942	42147060.48	1.1049	A	3.9
8	☐			33271.10	0.0010	P	4.1

$$y = 0.0011 * x + 7.4241E-005$$

R = 0.9999

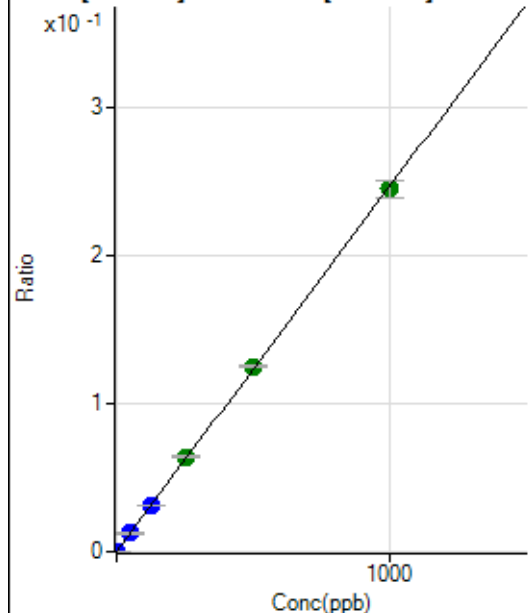
DL = 0.009902

BEC = 0.06672

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	585.57	0.0000	P	10.2
2	☐	1.000	0.989	9576.53	0.0003	P	3.2
3	☐	50.000	50.608	494738.62	0.0125	P	2.8
4	☐	125.000	126.072	1200960.91	0.0310	P	1.3
5	☐	250.000	259.933	2384689.96	0.0640	A	1.3
6	☐	500.000	507.624	4654241.91	0.1250	A	0.6
7	☐	1000.000	993.541	9327002.92	0.2445	A	4.5
8	☐			7335.24	0.0002	P	4.4

$$y = 2.4612E-004 * x + 1.5488E-005$$

R = 0.9999

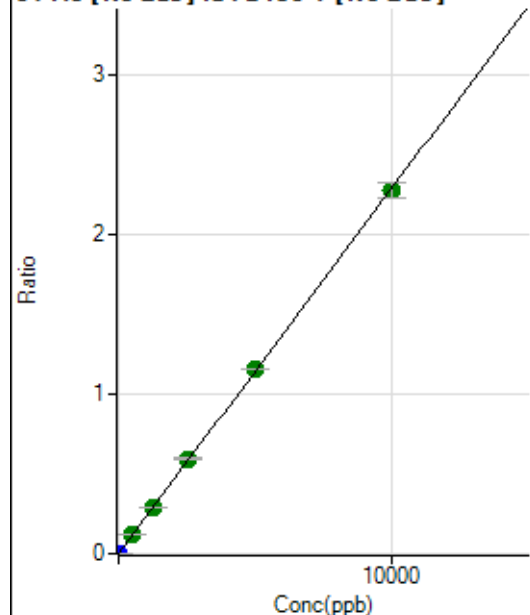
DL = 0.01932

BEC = 0.06293

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	1056.72	0.0000	P	1.4
2	☐	5.000	5.920	51136.69	0.0014	P	0.9
3	☐	500.000	513.691	4665040.03	0.1176	A	2.3
4	☐	1250.000	1271.449	11257432.89	0.2910	A	1.0
5	☐	2500.000	2596.889	22147673.56	0.5943	A	1.5
6	☐	5000.000	5067.476	43196506.58	1.1597	A	0.3
7	☐	10000.000	9938.674	86751258.71	2.2744	A	4.1
8	☐			23148.81	0.0007	P	19.8

$$y = 2.2884\text{E-}004 * x + 2.7959\text{E-}005$$

$$R = 0.9999$$

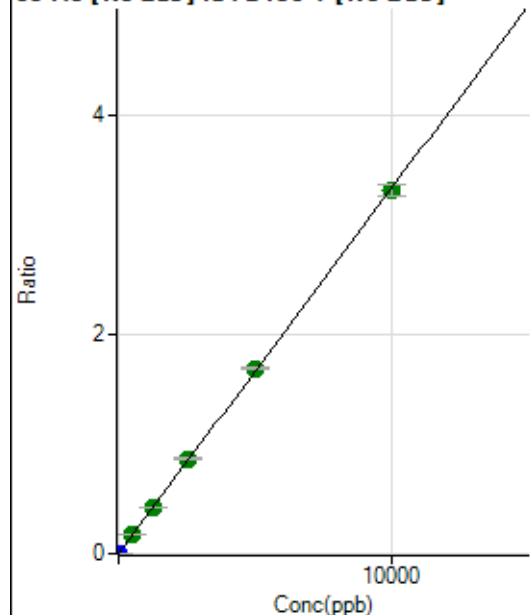
$$DL = 0.005177$$

$$BEC = 0.1222$$

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	135.56	0.0000	P	6.5
2	☐	5.000	5.027	62047.39	0.0017	P	0.8
3	☐	500.000	509.679	6734880.32	0.1697	A	2.0
4	☐	1250.000	1273.153	16403680.03	0.4240	A	0.7
5	☐	2500.000	2604.063	32319533.96	0.8673	A	1.3
6	☐	5000.000	5076.894	62979285.73	1.6908	A	0.5
7	☐	10000.000	9932.159	126178421.45	3.3078	A	3.1
8	☐			18940.15	0.0006	P	37.6

$$y = 3.3304\text{E-}004 * x + 3.5873\text{E-}006$$

$$R = 0.9999$$

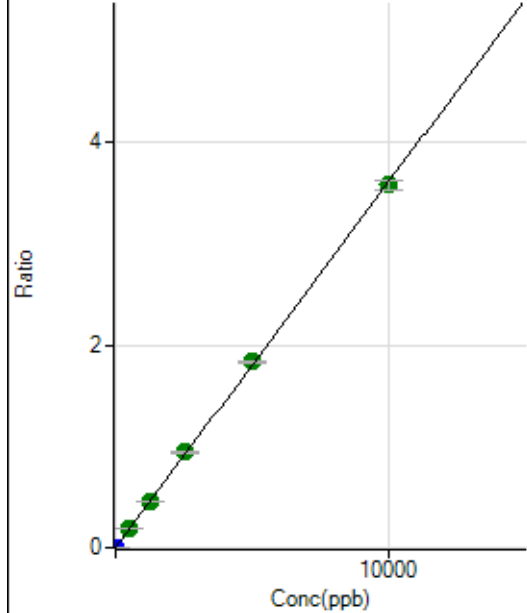
$$DL = 0.002088$$

$$BEC = 0.01077$$

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	348.90	0.0000	P	0.8
2	☐	5.000	5.090	68249.39	0.0018	P	0.3
3	☐	500.000	511.270	7318138.01	0.1844	A	2.0
4	☐	1250.000	1274.326	17784267.23	0.4597	A	1.1
5	☐	2500.000	2607.225	35051615.59	0.9405	A	0.8
6	☐	5000.000	5090.689	68401200.65	1.8364	A	1.2
7	☐	10000.000	9924.245	136564110.19	3.5801	A	3.0
8	☐			38240.02	0.0011	P	20.0

$$y = 3.6074E-004 * x + 9.2315E-006$$

R = 0.9999

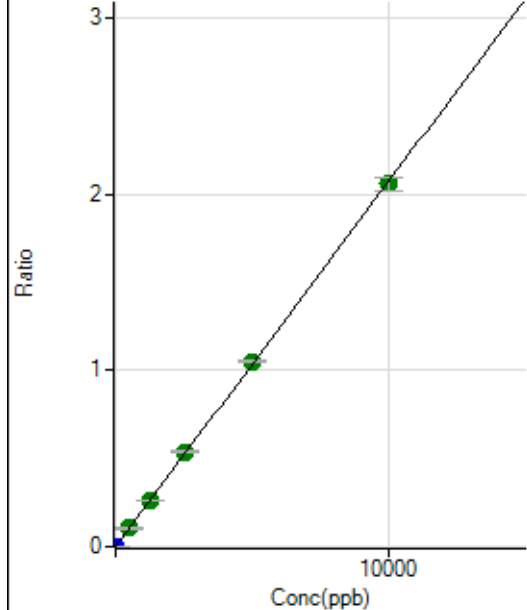
DL = 0.0005892

BEC = 0.02559

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	86.67	0.0000	P	15.9
2	☐	5.000	5.007	38419.23	0.0010	P	1.1
3	☐	500.000	508.321	4174654.76	0.1052	A	3.2
4	☐	1250.000	1269.051	10163650.61	0.2627	A	1.4
5	☐	2500.000	2600.250	20061716.78	0.5383	A	1.1
6	☐	5000.000	5072.900	39118828.86	1.0502	A	0.4
7	☐	10000.000	9935.690	78459749.94	2.0569	A	3.4
8	☐			11645.27	0.0003	P	40.2

$$y = 2.0703E-004 * x + 2.2943E-006$$

R = 0.9999

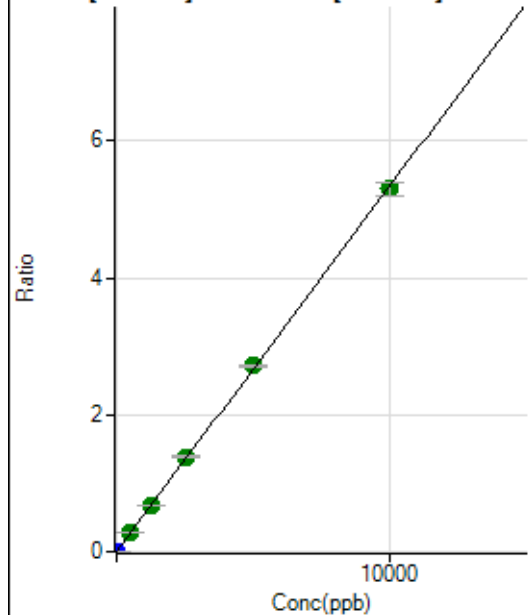
DL = 0.005289

BEC = 0.01108

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.78	0.0000	P	5.4
2	☐	5.000	5.052	99921.76	0.0027	P	0.7
3	☐	500.000	508.005	10754935.39	0.2711	A	2.7
4	☐	1250.000	1262.441	26061365.44	0.6737	A	1.6
5	☐	2500.000	2594.091	51587645.90	1.3843	A	1.4
6	☐	5000.000	5087.979	101133375.16	2.7151	A	0.3
7	☐	10000.000	9930.532	202133814.77	5.2993	A	3.5
8	☐			29570.74	0.0009	P	39.4

$$y = 5.3363\text{E-}004 * x + 6.0259\text{E-}006$$

$$R = 0.9999$$

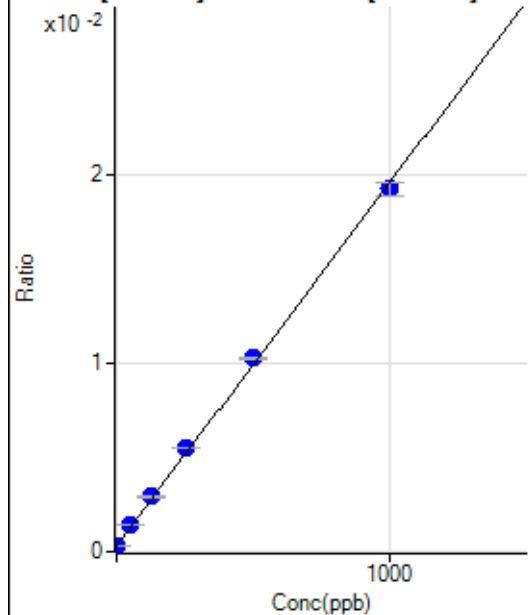
$$DL = 0.001837$$

$$BEC = 0.01129$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9797.84	0.0003	P	1.7
2	☐	1.000	1.375	10481.64	0.0003	P	1.1
3	☐	50.000	56.124	46826.20	0.0014	P	0.8
4	☐	125.000	135.544	97150.67	0.0029	P	1.4
5	☐	250.000	270.659	179874.07	0.0055	P	0.4
6	☐	500.000	518.548	338879.94	0.0103	P	0.7
7	☐	1000.000	983.937	656002.95	0.0193	P	3.9
8	☐			8957.25	0.0003	P	1.4

$$y = 1.9301\text{E-}005 * x + 3.0561\text{E-}004$$

$$R = 0.9995$$

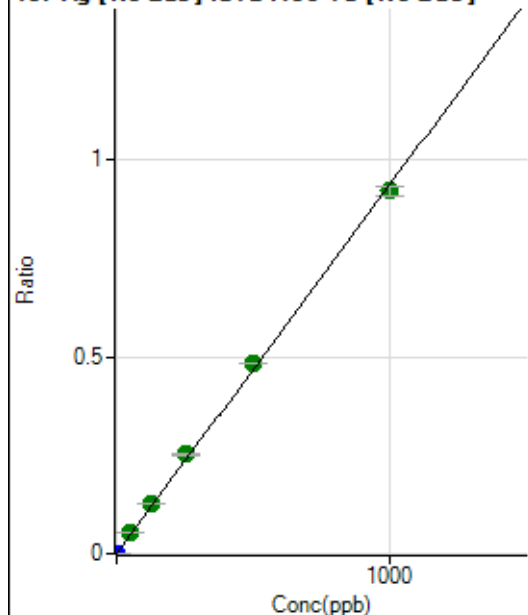
$$DL = 0.8142$$

$$BEC = 15.83$$

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	291.12	0.0000	P	11.4
2	☐	1.000	1.092	32543.08	0.0010	P	3.0
3	☐	50.000	55.238	1743080.91	0.0517	A	1.1
4	☐	125.000	136.530	4248577.68	0.1278	A	1.7
5	☐	250.000	269.638	8208005.71	0.2523	A	0.9
6	☐	500.000	517.757	15919648.10	0.4845	A	0.4
7	☐	1000.000	984.509	31322653.15	0.9213	A	3.0
8	☐			3123.74	0.0001	P	40.7

$$y = 9.3578\text{E-}004 * x + 9.0827\text{E-}006$$

$$R = 0.9995$$

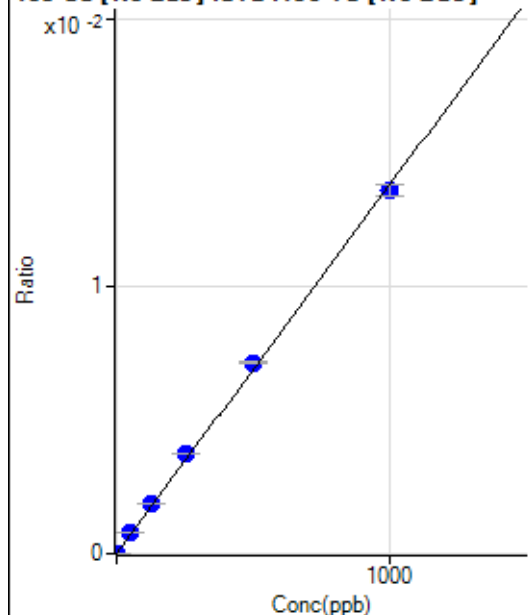
$$DL = 0.00332$$

$$BEC = 0.009706$$

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	34.44	0.0000	P	15.3
2	☐	1.000	1.139	530.01	0.0000	P	8.1
3	☐	50.000	55.314	25775.14	0.0008	P	0.7
4	☐	125.000	136.564	62705.80	0.0019	P	1.3
5	☐	250.000	270.525	121480.95	0.0037	P	0.9
6	☐	500.000	517.686	234776.51	0.0071	P	0.9
7	☐	1000.000	984.314	461880.46	0.0136	P	3.2
8	☐			181.11	0.0000	P	20.9

$$y = 1.3801\text{E-}005 * x + 1.0748\text{E-}006$$

$$R = 0.9995$$

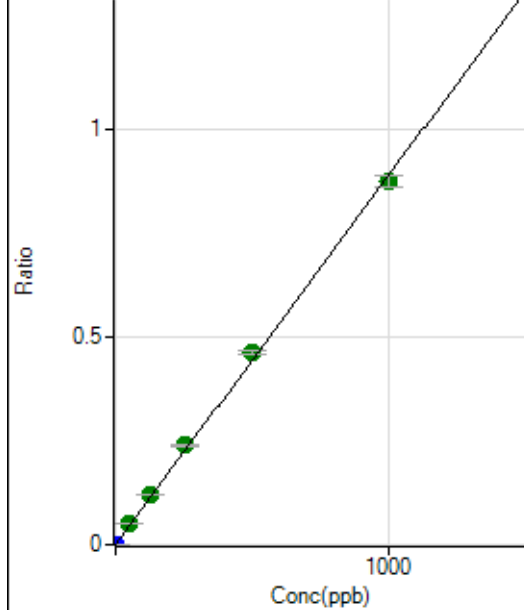
$$DL = 0.03572$$

$$BEC = 0.07788$$

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	158.89	0.0000	P	2.9
2	☐	1.000	1.077	30329.51	0.0010	P	2.2
3	☐	50.000	55.359	1657475.46	0.0492	A	1.5
4	☐	125.000	136.396	4027463.38	0.1211	A	1.7
5	☐	250.000	269.064	7772238.22	0.2389	A	1.0
6	☐	500.000	520.922	15198210.19	0.4626	A	1.5
7	☐	1000.000	983.080	29679828.44	0.8730	A	3.1
8	☐			3061.49	0.0001	P	35.1

$$y = 8.8800E-004 * x + 4.9564E-006$$

$$R = 0.9994$$

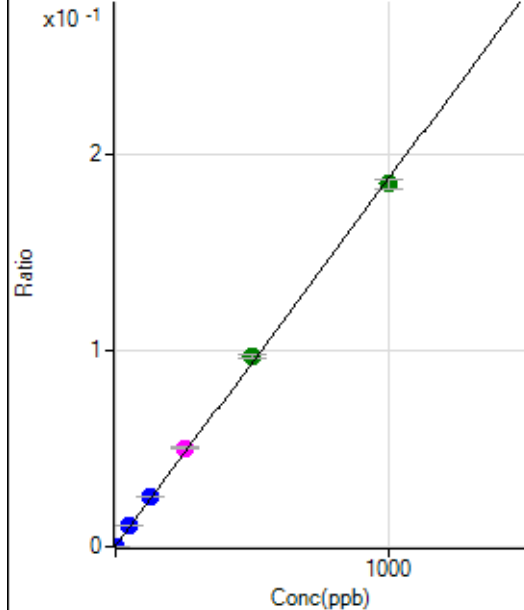
$$DL = 0.0004923$$

$$BEC = 0.005582$$

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	6902.15	0.0002	P	1.5
2	☐	1.000	1.135	13504.34	0.0004	P	1.2
3	☐	50.000	55.150	355695.45	0.0106	P	1.5
4	☐	125.000	135.380	850720.00	0.0256	P	1.8
5	☐	250.000	267.714	1638991.16	0.0504	M	0.6
6	☐	500.000	515.886	3183388.15	0.0969	A	2.0
7	☐	1000.000	986.073	6290201.82	0.1850	A	2.5
8	☐			7022.22	0.0002	P	5.0

$$y = 1.8740E-004 * x + 2.1529E-004$$

$$R = 0.9996$$

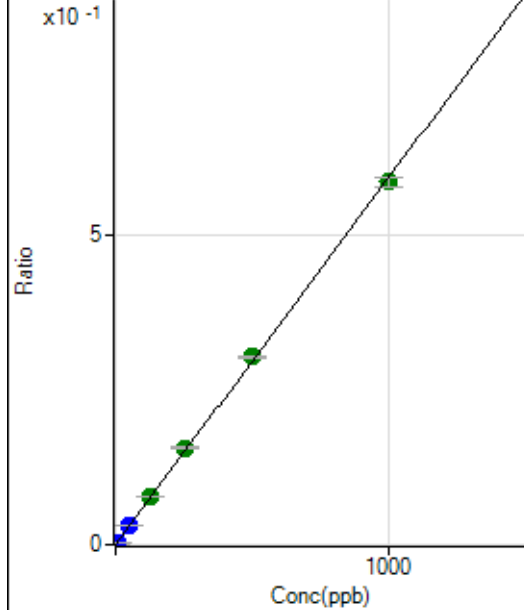
$$DL = 0.05103$$

$$BEC = 1.149$$

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	6079.27	0.0002	P	4.2
2	☐	5.000	5.251	104232.55	0.0033	P	1.1
3	☐	50.000	53.342	1072637.61	0.0318	P	1.1
4	☐	125.000	131.334	2595744.20	0.0781	A	0.4
5	☐	250.000	264.314	5103682.08	0.1569	A	1.1
6	☐	500.000	512.891	9997149.09	0.3043	A	1.0
7	☐	1000.000	989.016	19942165.54	0.5866	A	2.9
8	☐			15390.55	0.0005	P	5.5

$$y = 5.9288\text{E-}004 * x + 1.8959\text{E-}004$$

$$R = 0.9998$$

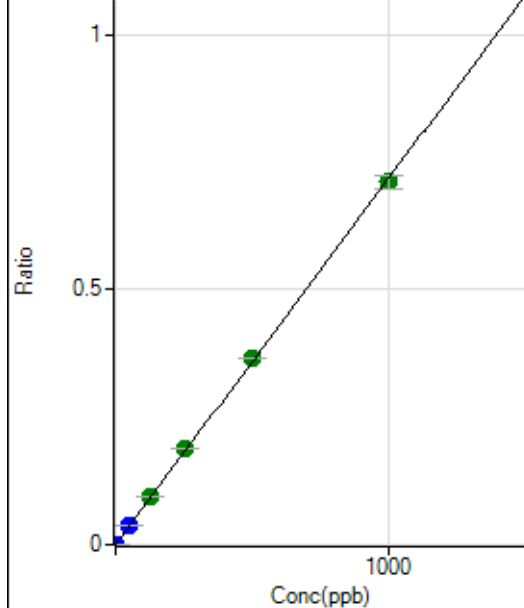
$$DL = 0.0405$$

$$BEC = 0.3198$$

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	70.00	0.0000	P	4.8
2	☐	2.000	2.107	47823.63	0.0015	P	1.1
3	☐	50.000	52.505	1271546.41	0.0377	P	1.8
4	☐	125.000	131.910	3150584.74	0.0948	A	1.6
5	☐	250.000	263.938	6167293.87	0.1896	A	0.4
6	☐	500.000	509.396	12022462.60	0.3659	A	0.2
7	☐	1000.000	990.828	24196507.14	0.7117	A	3.4
8	☐			14884.56	0.0005	P	14.0

$$y = 7.1830\text{E-}004 * x + 2.1833\text{E-}006$$

$$R = 0.9998$$

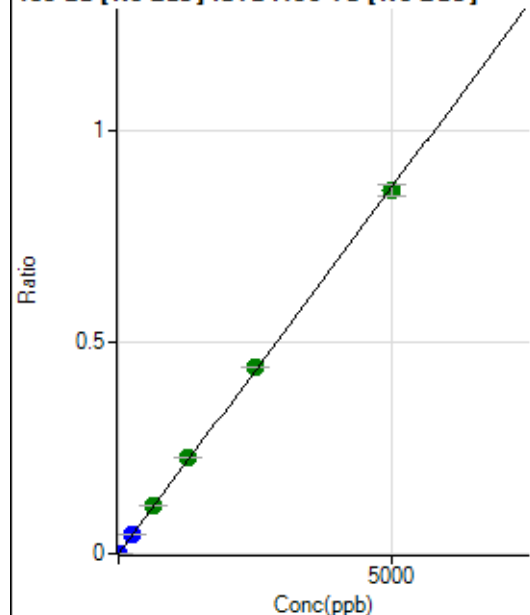
$$DL = 0.0004334$$

$$BEC = 0.00304$$

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	291.12	0.0000	P	13.8
2	☐	10.000	10.355	56818.35	0.0018	P	2.3
3	☐	250.000	259.561	1514153.24	0.0449	P	1.7
4	☐	625.000	655.052	3768508.21	0.1133	A	1.5
5	☐	1250.000	1304.631	7342208.85	0.2257	A	0.4
6	☐	2500.000	2553.949	14517309.09	0.4418	A	0.5
7	☐	5000.000	4955.133	29144652.62	0.8572	A	3.1
8	☐			11464.73	0.0004	P	12.0

$$y = 1.7300\text{E-}004 * x + 9.0758\text{E-}006$$

$$R = 0.9998$$

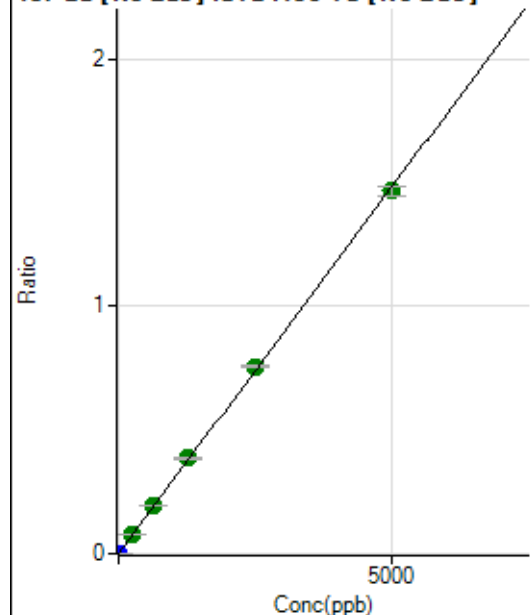
$$DL = 0.02166$$

$$BEC = 0.05246$$

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	464.46	0.0000	P	8.7
2	☐	10.000	10.509	98615.68	0.0031	P	1.6
3	☐	250.000	263.341	2628209.49	0.0780	A	1.6
4	☐	625.000	653.028	6427149.63	0.1933	A	1.7
5	☐	1250.000	1304.028	12554733.56	0.3860	A	1.7
6	☐	2500.000	2559.241	24888759.91	0.7575	A	0.8
7	☐	5000.000	4952.701	49840215.37	1.4659	A	2.6
8	☐			19772.83	0.0007	P	10.6

$$y = 2.9598\text{E-}004 * x + 1.4490\text{E-}005$$

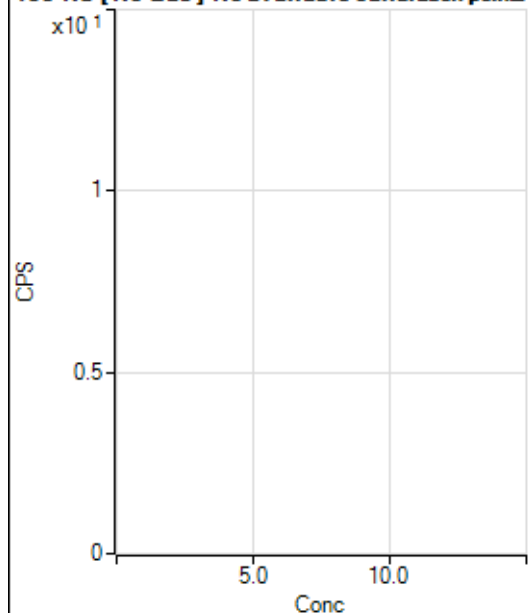
$$R = 0.9998$$

$$DL = 0.0128$$

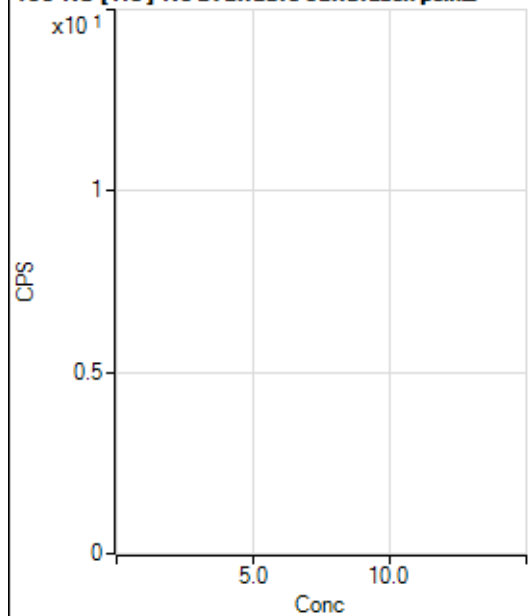
$$BEC = 0.04896$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

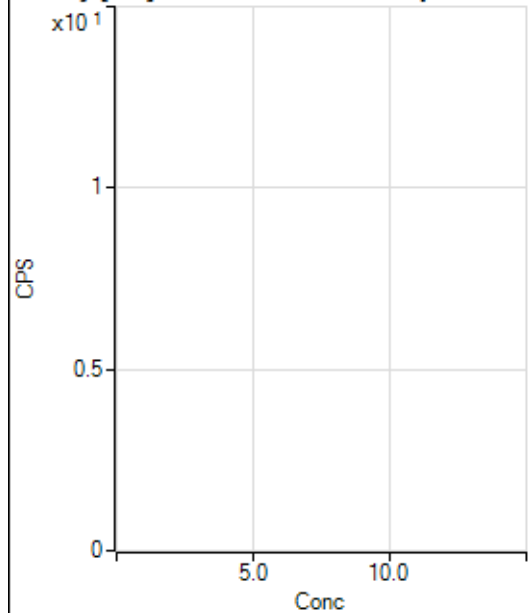
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	68.7
2	☐			11.11		P	45.8
3	☐			96.67		P	24.1
4	☐			180.00		P	12.8
5	☐			330.01		P	6.3
6	☐			560.02		P	3.3
7	☐			1131.17		P	4.1
8	☐			452.24		P	1.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			10.00		P	66.7
3	☐			33.33		P	10.0
4	☐			51.11		P	16.4
5	☐			80.00		P	21.7
6	☐			114.45		P	16.0
7	☐			294.45		P	4.6
8	☐			287.78		P	11.0

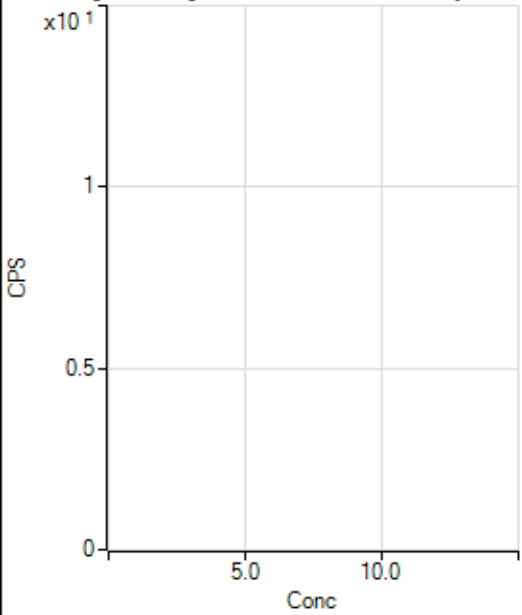
156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	23.2
2	☐			96.67		P	15.8
3	☐			120.00		P	2.8
4	☐			138.89		P	9.1
5	☐			210.00		P	1.6
6	☐			265.56		P	8.8
7	☐			483.35		P	12.6
8	☐			861.15		P	3.1

156 Dy [He] No available calibration points

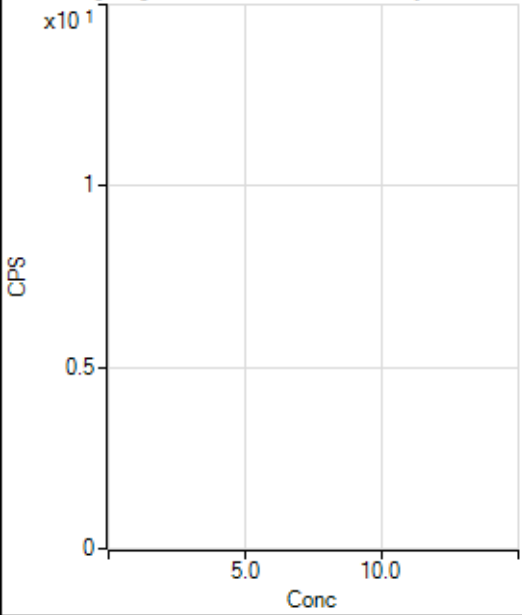
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	52.7
2	☐			30.00		P	40.1
3	☐			108.89		P	16.9
4	☐			191.11		P	7.3
5	☐			365.56		P	9.2
6	☐			677.80		P	9.8
7	☐			1303.41		P	4.7
8	☐			670.02		P	2.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			150.00		P	8.0
2	☐			138.89		P	11.1
3	☐			164.45		P	22.6
4	☐			167.78		P	6.4
5	☐			211.11		P	10.2
6	☐			275.56		P	7.8
7	☐			404.45		P	4.5
8	☐			793.37		P	4.4

160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1223.40		P	3.6
2	☐			1130.06		P	8.9
3	☐			1203.40		P	4.4
4	☐			1192.29		P	2.5
5	☐			1250.07		P	1.4
6	☐			1182.29		P	4.4
7	☐			1324.52		P	1.7
8	☐			1571.22		P	2.9

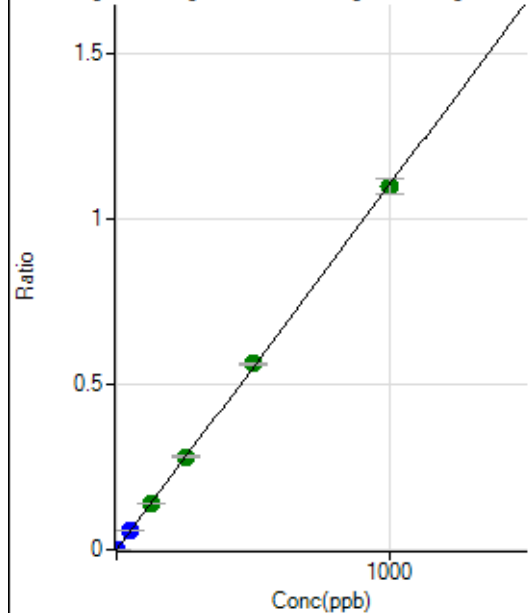
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			120.00		P	12.7
2	☐			95.55		P	40.3
3	☐			174.45		P	9.4
4	☐			175.56		P	7.7
5	☐			210.00		P	8.8
6	☐			244.45		P	15.2
7	☐			392.23		P	16.3
8	☐			886.70		P	2.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.66		P	11.9
2	☐			92.22		P	13.7
3	☐			95.56		P	5.3
4	☐			123.33		P	21.6
5	☐			152.23		P	21.5
6	☐			191.12		P	13.3
7	☐			251.12		P	2.8
8	☐			603.35		P	7.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292.23	0.0000	P	12.1
2	☐	1.000	0.997	19555.24	0.0011	P	0.6
3	☐	50.000	50.632	1048535.14	0.0559	P	1.1
4	☐	125.000	126.785	2563860.90	0.1400	A	1.4
5	☐	250.000	255.140	5033154.99	0.2817	A	0.4
6	☐	500.000	508.515	9969927.35	0.5615	A	2.0
7	☐	1000.000	994.203	20092993.87	1.0978	A	4.1
8	☐			2214.68	0.0002	P	41.0

$$y = 0.0011 * x + 1.6522E-005$$

$$R = 0.9999$$

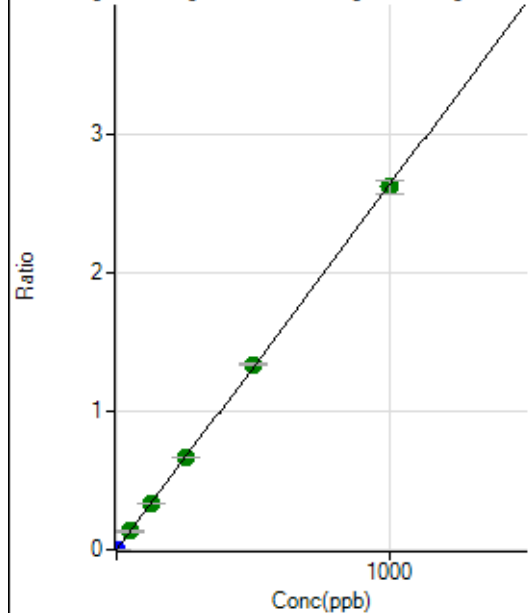
$$DL = 0.005427$$

$$BEC = 0.01496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	748.92	0.0000	P	9.0
2	☐	1.000	0.989	46420.03	0.0027	P	0.5
3	☐	50.000	50.128	2481404.08	0.1323	A	0.6
4	☐	125.000	126.085	6093686.02	0.3328	A	1.6
5	☐	250.000	253.861	11969460.93	0.6700	A	0.1
6	☐	500.000	508.581	23833147.70	1.3423	A	1.6
7	☐	1000.000	994.602	48047192.62	2.6250	A	3.4
8	☐			5257.86	0.0004	P	42.3

$$y = 0.0026 * x + 4.2338E-005$$

$$R = 0.9999$$

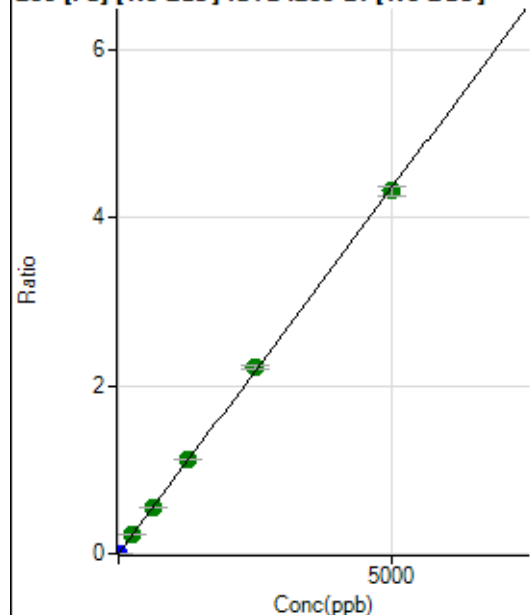
$$DL = 0.004326$$

$$BEC = 0.01604$$

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	1384.53	0.0001	P	3.8
2	☐	1.000	0.969	16127.43	0.0009	P	2.1
3	☐	250.000	255.703	4172758.72	0.2226	A	0.6
4	☐	625.000	633.157	10088425.89	0.5510	A	1.5
5	☐	1250.000	1281.849	19924881.65	1.1154	A	0.2
6	☐	2500.000	2557.256	39507817.47	2.2251	A	1.6
7	☐	5000.000	4962.105	79029879.93	4.3174	A	2.8
8	☐			14272.50	0.0010	P	28.8

$$y = 8.7006E-004 * x + 7.8259E-005$$

$$R = 0.9999$$

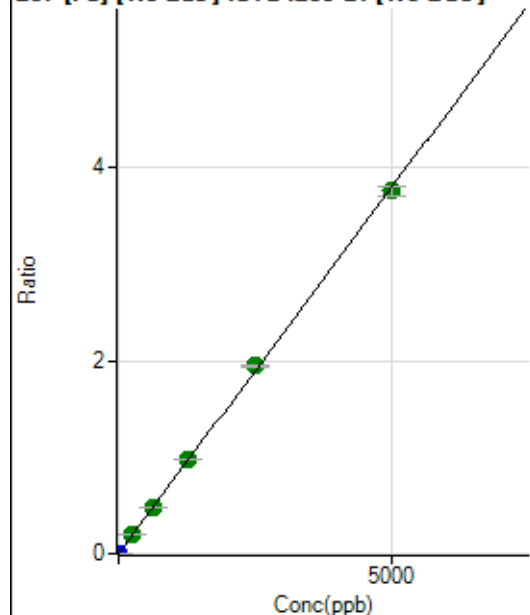
$$DL = 0.01022$$

$$BEC = 0.08995$$

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	1214.51	0.0001	P	4.4
2	☐	1.000	0.968	14078.50	0.0008	P	1.8
3	☐	250.000	256.891	3659229.74	0.1952	A	0.2
4	☐	625.000	637.683	8868367.30	0.4843	A	1.1
5	☐	1250.000	1288.570	17482360.16	0.9786	A	0.9
6	☐	2500.000	2565.392	34595255.60	1.9483	A	1.0
7	☐	5000.000	4955.731	68891731.75	3.7636	A	2.9
8	☐			12629.65	0.0009	P	29.1

$$y = 7.5942E-004 * x + 6.8646E-005$$

$$R = 0.9998$$

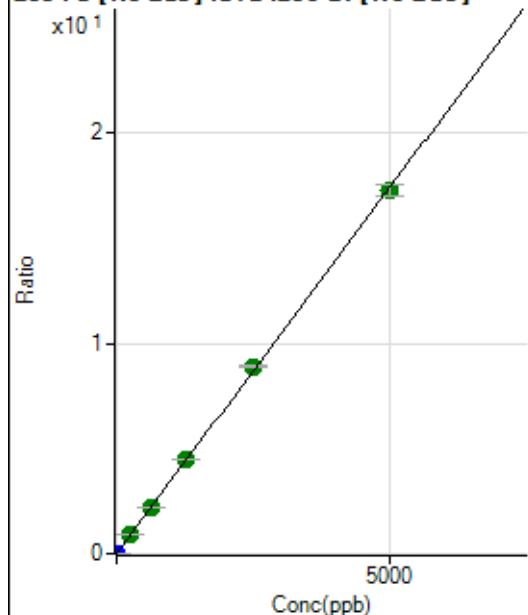
$$DL = 0.0118$$

$$BEC = 0.09039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5659.41	0.0003	P	3.1
2	☐	1.000	0.970	64634.02	0.0037	P	1.3
3	☐	250.000	255.659	16665034.30	0.8888	A	0.2
4	☐	625.000	635.071	40416723.98	2.2074	A	1.4
5	☐	1250.000	1288.182	79980025.62	4.4772	A	0.5
6	☐	2500.000	2558.039	157864395.70	8.8903	A	0.9
7	☐	5000.000	4959.893	315515500.30	17.2376	A	3.2
8	☐			56868.18	0.0039	P	28.6

$$y = 0.0035 * x + 3.1989E-004$$

$$R = 0.9999$$

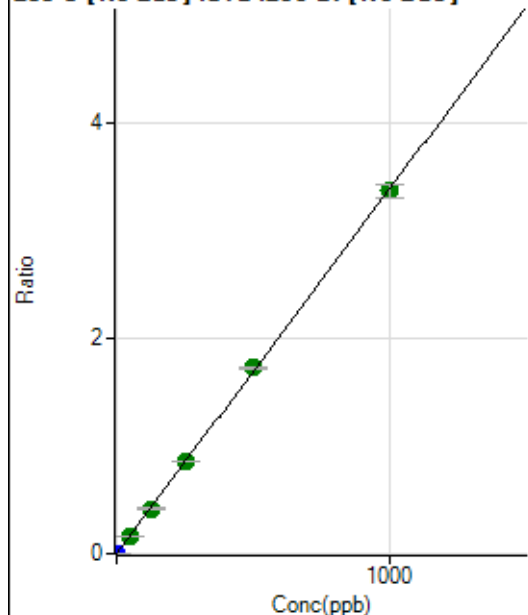
$$DL = 0.008545$$

$$BEC = 0.09205$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	8.6
2	☐	1.000	0.960	57101.67	0.0033	P	0.4
3	☐	50.000	49.731	3163481.79	0.1687	A	0.5
4	☐	125.000	123.021	7641136.07	0.4174	A	2.5
5	☐	250.000	251.749	15257772.69	0.8541	A	0.5
6	☐	500.000	509.630	30700356.77	1.7290	A	1.5
7	☐	1000.000	995.009	61785649.63	3.3758	A	4.0
8	☐			4705.70	0.0003	P	80.6

$$y = 0.0034 * x + 3.4547E-006$$

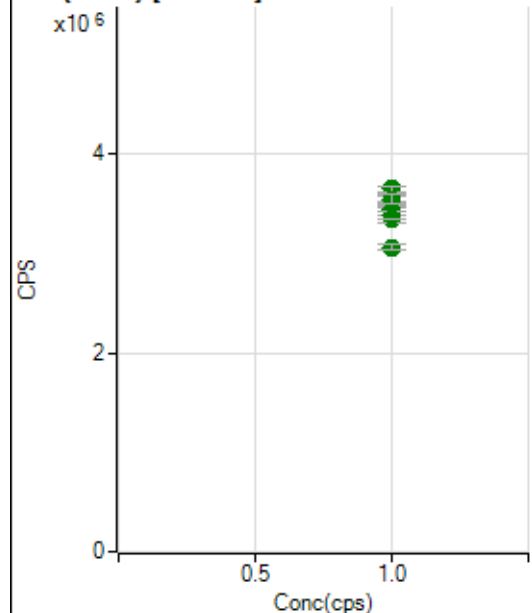
$$R = 0.9999$$

$$DL = 0.0002623$$

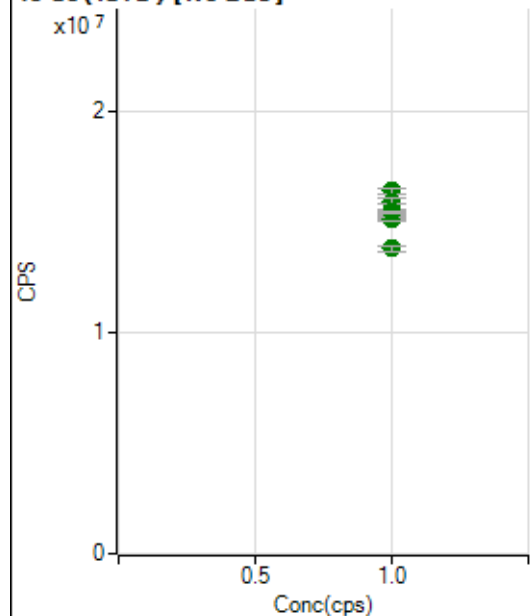
$$BEC = 0.001018$$

Weight: <None>

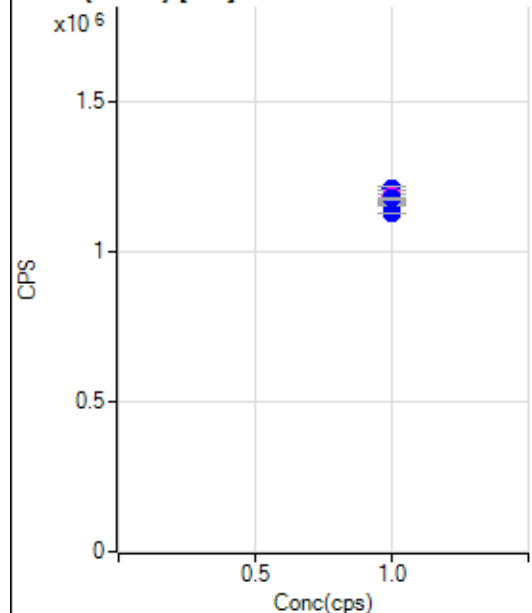
Min Conc: 0

6 Li (ISTD) [No Gas]

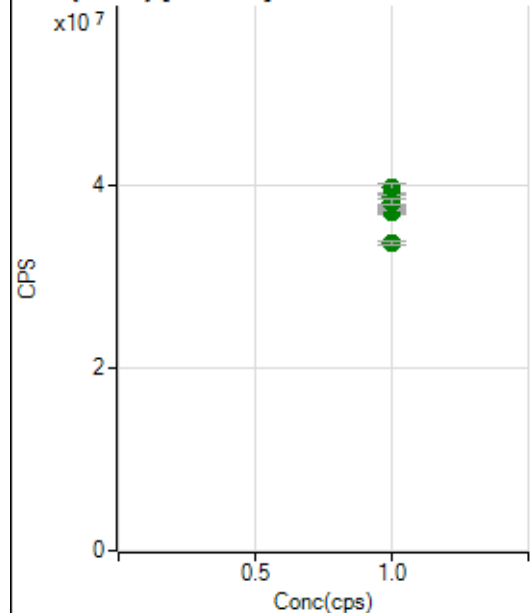
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3347064.51		A	1.9
2	☐	1.000		3378196.43		A	2.2
3	☐	1.000		3648290.24		A	1.6
4	☐	1.000		3544534.02		A	2.0
5	☐	1.000		3448905.23		A	1.0
6	☐	1.000		3492980.52		A	0.7
7	☐	1.000		3546016.63		A	2.8
8	☐	1.000		3061823.13		A	1.5

45 Sc (ISTD) [No Gas]

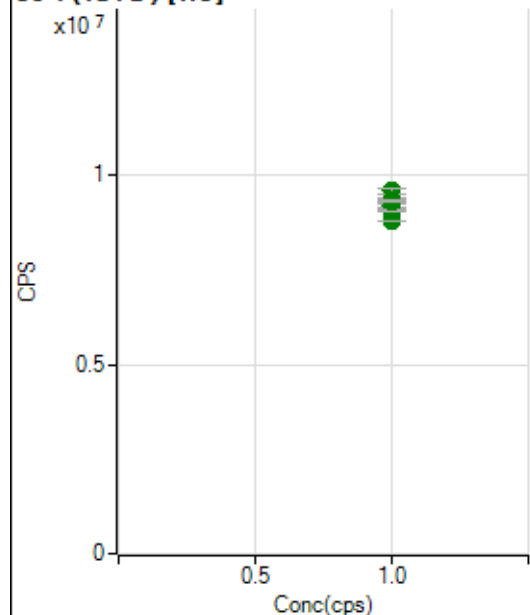
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15543403.52		A	0.3
2	☐	1.000		15215494.64		A	1.0
3	☐	1.000		16373616.29		A	1.9
4	☐	1.000		15917409.21		A	1.8
5	☐	1.000		15274802.00		A	0.1
6	☐	1.000		15085398.11		A	0.8
7	☐	1.000		15413643.66		A	0.8
8	☐	1.000		13766250.90		A	1.6

45 Sc (ISTD) [He]

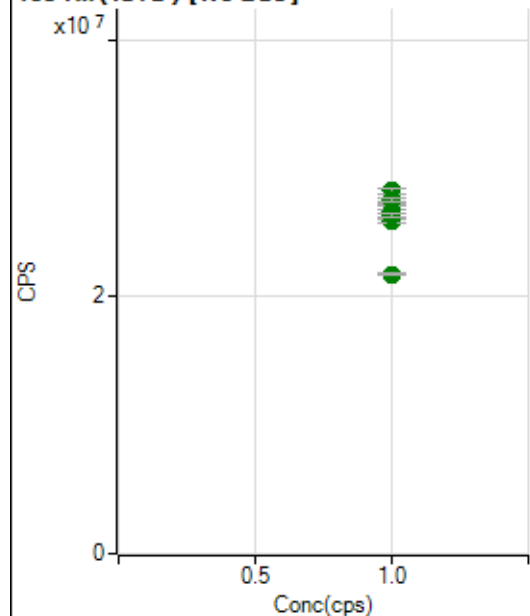
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1177376.73		P	0.2
2	☐	1.000		1175297.10		P	0.3
3	☐	1.000		1207682.89		P	1.0
4	☐	1.000		1185670.44		M	1.0
5	☐	1.000		1167061.19		P	0.8
6	☐	1.000		1153433.82		P	0.4
7	☐	1.000		1174626.51		P	0.3
8	☐	1.000		1127655.88		P	0.2

89 Y (ISTD) [No Gas]

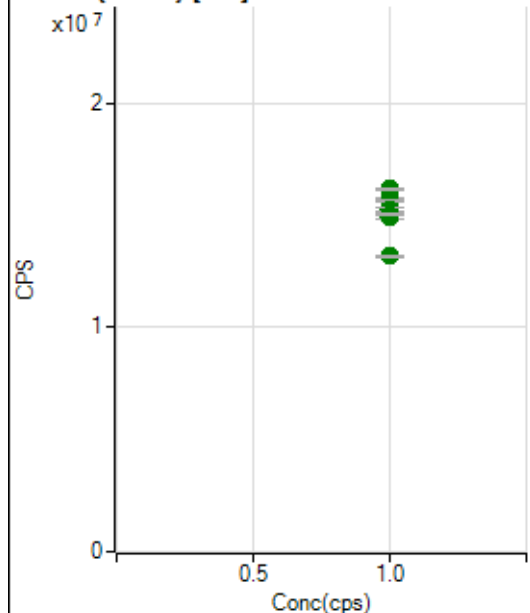
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		37793877.22		A	0.7
2	☐	1.000		36982775.84		A	1.1
3	☐	1.000		39689240.24		A	2.5
4	☐	1.000		38688874.15		A	1.1
5	☐	1.000		37269516.67		A	0.9
6	☐	1.000		37248665.56		A	0.6
7	☐	1.000		38155514.99		A	1.4
8	☐	1.000		33726120.61		A	1.3

89 Y (ISTD) [He]

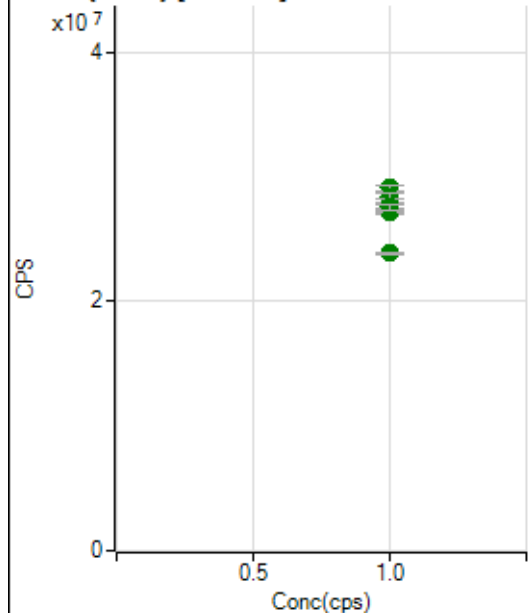
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9352305.07		A	0.3
2	☐	1.000		9309756.94		A	0.2
3	☐	1.000		9595145.20		A	1.7
4	☐	1.000		9340627.50		A	1.0
5	☐	1.000		9196343.89		A	1.3
6	☐	1.000		9071916.19		A	0.8
7	☐	1.000		9309648.33		A	0.6
8	☐	1.000		8792478.20		A	0.4

103 Rh (ISTD) [No Gas]

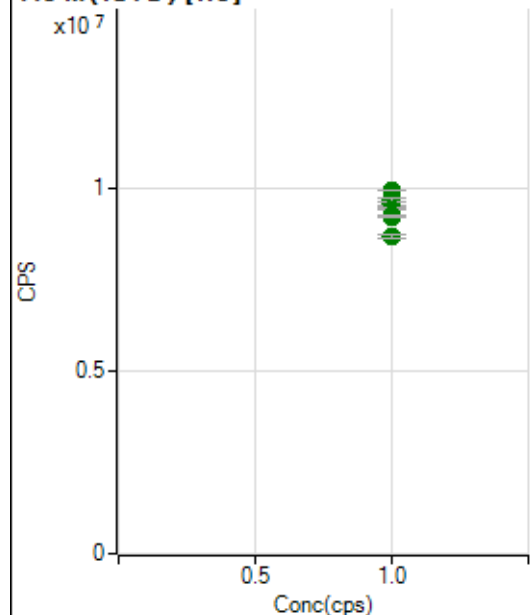
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27134927.37		A	0.8
2	☐	1.000		26631221.82		A	0.8
3	☐	1.000		28223226.25		A	1.4
4	☐	1.000		27511160.70		A	0.8
5	☐	1.000		26464731.55		A	0.2
6	☐	1.000		25840579.89		A	0.9
7	☐	1.000		26319324.33		A	1.0
8	☐	1.000		21717996.06		A	0.6

103 Rh (ISTD) [He]

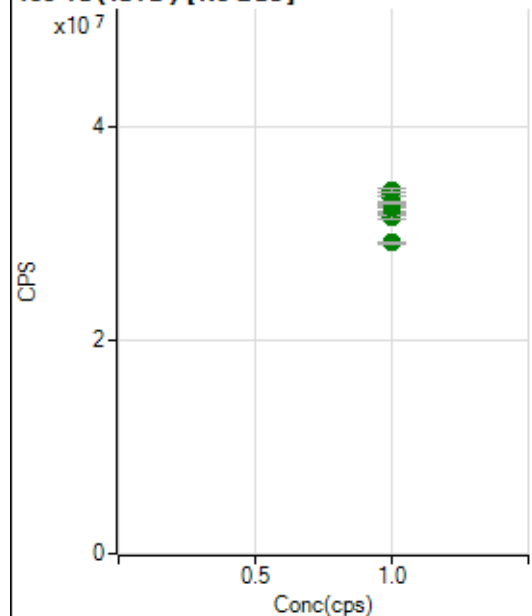
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15788564.21		A	0.3
2	☐	1.000		15648350.18		A	0.4
3	☐	1.000		16183993.09		A	0.8
4	☐	1.000		15643870.32		A	0.6
5	☐	1.000		15240727.27		A	1.3
6	☐	1.000		14928332.42		A	0.7
7	☐	1.000		15018543.25		A	0.5
8	☐	1.000		13178645.91		A	0.2

115 In (ISTD) [No Gas]

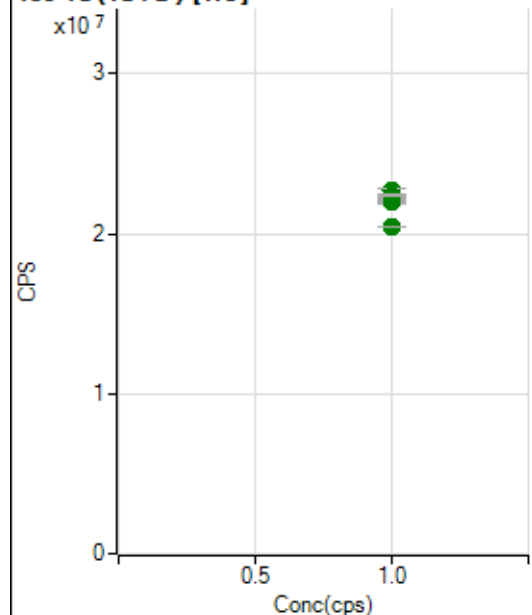
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27771434.74		A	0.5
2	☐	1.000		27119438.90		A	1.4
3	☐	1.000		29097715.55		A	1.6
4	☐	1.000		28453400.95		A	1.9
5	☐	1.000		27561551.61		A	1.1
6	☐	1.000		27127491.09		A	0.2
7	☐	1.000		27542168.96		A	1.7
8	☐	1.000		23839122.70		A	0.6

115 In (ISTD) [He]

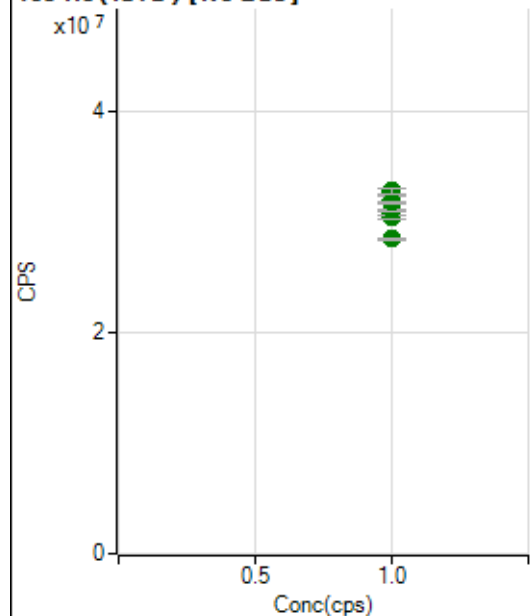
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9645987.94		A	0.4
2	☐	1.000		9588800.99		A	1.0
3	☐	1.000		9951628.34		A	0.2
4	☐	1.000		9716936.89		A	0.8
5	☐	1.000		9462907.27		A	0.9
6	☐	1.000		9249270.01		A	0.4
7	☐	1.000		9257280.95		A	1.1
8	☐	1.000		8683089.74		A	1.2

159 Tb (ISTD) [No Gas]

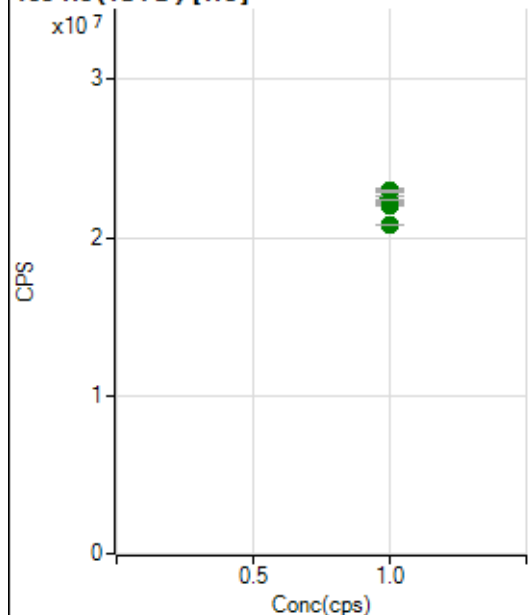
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		32061307.86		A	0.5
2	☐	1.000		31558347.03		A	0.7
3	☐	1.000		33717420.05		A	1.2
4	☐	1.000		33256150.06		A	1.6
5	☐	1.000		32530219.79		A	0.9
6	☐	1.000		32857196.18		A	0.7
7	☐	1.000		34005910.33		A	1.1
8	☐	1.000		29127595.12		A	0.5

159 Tb (ISTD) [He]

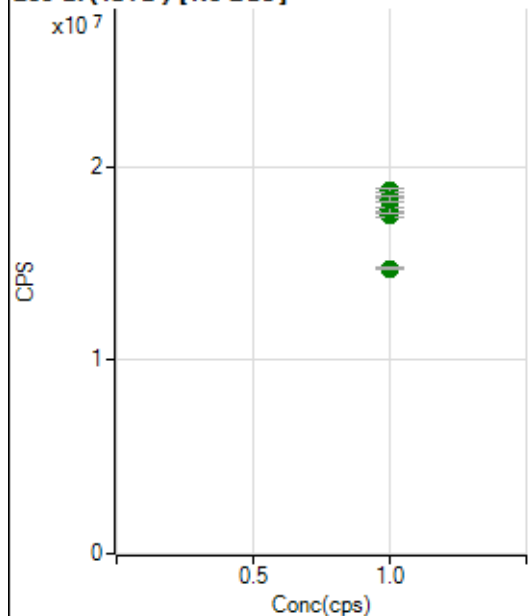
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		21971442.45		A	0.1
2	☐	1.000		22028186.61		A	0.9
3	☐	1.000		22677852.44		A	1.2
4	☐	1.000		22321690.22		A	0.6
5	☐	1.000		22124512.73		A	0.6
6	☐	1.000		22156409.11		A	0.3
7	☐	1.000		22402238.00		A	0.4
8	☐	1.000		20444572.47		A	0.3

165 Ho (ISTD) [No Gas]

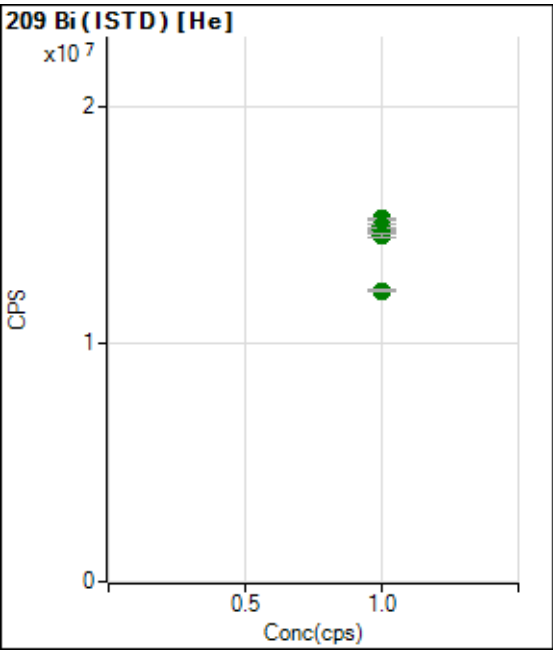
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		30828544.54		A	1.1
2	☐	1.000		30484894.82		A	1.2
3	☐	1.000		32764441.46		A	1.9
4	☐	1.000		32100891.19		A	2.2
5	☐	1.000		31084387.59		A	0.8
6	☐	1.000		31827672.58		A	0.7
7	☐	1.000		32845460.07		A	1.8
8	☐	1.000		28472432.91		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22047210.78		A	0.5
2	☐	1.000		22181484.11		A	0.4
3	☐	1.000		22953306.60		A	0.9
4	☐	1.000		22335570.50		A	0.9
5	☐	1.000		22465808.27		A	1.5
6	☐	1.000		22464684.39		A	1.0
7	☐	1.000		22948738.55		A	0.2
8	☐	1.000		20814330.24		A	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17692468.07		A	0.4
2	☐	1.000		17505701.26		A	1.7
3	☐	1.000		18749849.72		A	1.0
4	☐	1.000		18311673.48		A	1.3
5	☐	1.000		17863931.12		A	0.0
6	☐	1.000		17758310.57		A	1.5
7	☐	1.000		18311118.76		A	1.9
8	☐	1.000		14718357.28		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14734528.25		A	0.5
2	☐	1.000		14719106.59		A	0.1
3	☐	1.000		15265698.80		A	0.5
4	☐	1.000		14954851.03		A	1.1
5	☐	1.000		14800294.09		A	1.3
6	☐	1.000		14568455.20		A	1.1
7	☐	1.000		14579756.31		A	0.9
8	☐	1.000		12239842.46		A	0.7

US EPA Tune Check Report

Reviewed By: Moh
On: 11/13/2024 4:2
PM
Inst Id : P7
Client Sample Id
: TUNE001

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7111324MS1.b
Acq. Date-Time 2024-11-13 12:43:09
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		30989	309893.06			0.220	5.000
24		182459	1824589.56			0.833	5.000
25		22519	225190.40			0.347	5.000
26		27633	276327.34			0.429	5.000
59		226295	2262946.68			0.575	5.000
113		29413	294132.51			0.502	5.000
115		364355	3643549.72			1.047	5.000
206		69385	693852.27			0.579	5.000
207		59367	593669.77			0.585	5.000
208		144478	1444784.05			1.195	5.000
220		0	3.00			16.667	

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	30963	30940	30960	30974	31109
24	181300	180390	183680	183233	183692
25	22424	22452	22553	22555	22611
26	27470	27685	27565	27666	27778
59	227024	228113	224759	225628	225949
113	29634	29457	29366	29230	29380
115	369549	363443	360571	361281	366931
206	69893	69397	69452	68767	69418
207	59904	59343	59432	58973	59182
208	147119	143503	145031	144152	142587

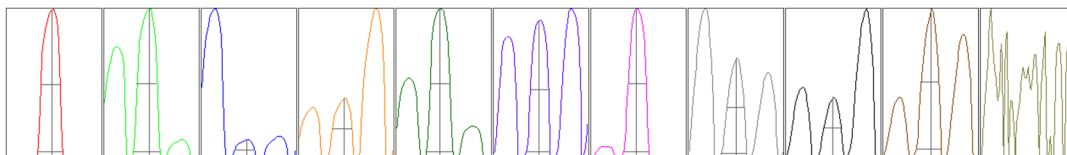
US EPA Tune Check Report

Reviewed By: Moh
On: 11/13/2024 4:2
PM
Inst Id : P7
Client Sample Id
: TUNE001

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	52954.89	8.95	8.90 - 9.10	
24	301325.84	23.95	23.90 - 24.10	
25	38067.53	24.95	24.90 - 25.10	
26	44831.94	25.95	25.90 - 26.10	
59	373931.00	58.90	58.90 - 59.10	
113	52845.61	112.95	112.90 - 113.10	
115	662646.98	114.95	114.90 - 115.10	
206	131576.60	206.05	205.90 - 206.10	
207	111996.22	207.00	206.90 - 207.10	
208	273704.43	208.05	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.782	0.900	
24	0.64	0.836	0.900	
25	0.63	0.777	0.900	
26	0.63	0.785	0.900	
59	0.63	0.837	0.900	
113	0.57	0.745	0.900	
115	0.56	0.793	0.900	
206	0.54	0.796	0.900	
207	0.54	0.800	0.900	
208	0.55	0.790	0.900	
220				

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: Moh
On: 11/13/2024 4:2
PM
Inst Id : P7
Client Sample Id
: TUNE001

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 V	Deflect	15.4 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.5 mm
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EM

Discriminator	4.7 mV	Analog HV	2209 V	Pulse HV	964 V
---------------	--------	-----------	--------	----------	-------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		69004	690035.30			1.482	
89		108667	1086669.08			2.201	
205		78622	786216.61			0.936	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	69800	67238	69045	69456	69478
89	108315	105059	111616	108661	109684
205	79350	77412	78860	78953	78535

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	9.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Reviewed By: Moh
On: 11/13/2024 4:2
PM
Inst Id : P7
Client Sample Id
: TUNE001

Extract 2	-170.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-80 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	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.09		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.5 mm		
EM					
Discriminator	4.7 mV	Analog HV	2209 V	Pulse HV	964 V

LB Number :LB133433Operator :Jaswal

Lab Sample ID :S00Instrumnet Name :P7

Client Sample ID :S0Dilution Factor :1

Date & Time Acquired :2024-11-13 13:27:00DataFile Name :004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.15	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.28	-0.26	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Calcium	43-1	-0.28	-0.45	0.73	0.00	N/A	ppb
Calcium	44-1	0.23	0.21	-0.44	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	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.03	0.06	0.00	N/A	ppb
Iron	57-2	0.71	-0.02	-0.70	0.00	N/A	ppb
Iron	54-2	0.21	-0.36	0.15	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :
Lab Sample ID :
Client Sample ID :
Date & Time Acquired :

LB133433
S00
S0
2024-11-13 13:27:00

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
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	0.03	-0.09	0.06	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	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	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	-16.41	-18.87	-16.59	-17.29		ppb
Potassium	39-2	0.01	-0.58	0.57	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.12	-0.21	0.33	0.00	N/A	ppb
Selenium	77-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Selenium	78-2	-0.25	0.04	0.21	0.00	N/A	ppb
Silicon	28-1	-0.05	-0.35	0.41	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	1.05	-0.61	-0.44	0.00	N/A	ppb
Strontium	86-1	0.03	0.09	-0.12	0.00	N/A	ppb
Strontium	88-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Sulfur	34-1	-64.86	-76.28	-50.41	-63.85		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	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.03	-0.02	0.00	N/A	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:27:00

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	-0.04	-0.04	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :LB133433Operator :Jaswal

Lab Sample ID :S02Instrumnet Name :P7

Client Sample ID :S02Dilution Factor :1

Date & Time Acquired :2024-11-13 13:33:31DataFile Name :006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.06	19.31	18.83	19.07	1.26	ppb
Antimony	121-1	2.08	2.11	2.13	2.11	1.08	ppb
Arsenic	75-2	0.95	1.10	1.14	1.06	9.20	ppb
Barium	135-1	10.13	10.61	10.32	10.36	2.35	ppb
Barium	137-1	10.31	10.60	10.62	10.51	1.64	ppb
Beryllium	9-1	1.08	0.98	1.01	1.02	5.31	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.09	1.25	1.14	8.70	ppb
Cadmium	106-1	1.51	1.47	1.15	1.37	14.30	ppb
Cadmium	111-1	1.13	1.16	1.11	1.13	2.39	ppb
Calcium	43-1	519.07	526.89	527.48	524.48	0.90	ppb
Calcium	44-1	527.65	530.09	528.74	528.83	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.90	1.90	1.91	0.79	ppb
Cobalt	59-2	1.08	1.08	1.08	1.08	0.25	ppb
Copper	63-2	2.08	2.02	2.05	2.05	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	53.15	53.34	53.34	53.27	0.20	ppb
Iron	57-2	56.29	54.48	56.37	55.71	1.92	ppb
Iron	54-2	57.24	57.73	56.61	57.19	0.98	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:33:31

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	0.98	0.94	0.97	2.25	ppb
Lead	207-1	0.95	0.97	0.99	0.97	1.96	ppb
Lead	208-1	0.98	0.98	0.96	0.97	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	519.64	523.53	519.74	520.97	0.43	ppb
Manganese	55-2	0.95	0.97	0.94	0.95	1.33	ppb
Molybdenum	94-1	5.88	5.90	5.98	5.92	0.93	ppb
Molybdenum	95-1	4.99	5.02	5.07	5.03	0.77	ppb
Molybdenum	96-1	5.10	5.07	5.10	5.09	0.27	ppb
Molybdenum	97-1	5.04	4.94	5.04	5.01	1.09	ppb
Molybdenum	98-1	5.05	5.02	5.09	5.05	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.10	1.14	1.11	2.52	ppb
Phosphorus	31-2	16.50	13.34	22.03	17.29	25.45	ppb
Potassium	39-2	534.90	527.39	531.66	531.32	0.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.08	5.18	5.30	5.18	2.13	ppb
Selenium	77-2	4.73	4.46	4.82	4.67	4.01	ppb
Selenium	78-2	5.26	5.26	4.62	5.04	7.33	ppb
Silicon	28-1	4.67	3.85	3.54	4.02	14.50	ppb
Silver	107-1	1.06	1.13	1.09	1.09	2.99	ppb
Silver	109-1	1.05	1.10	1.08	1.08	2.17	ppb
Sodium	23-2	491.52	489.19	494.68	491.80	0.56	ppb
Strontium	86-1	25.90	25.87	26.80	26.19	2.01	ppb
Strontium	88-1	25.25	25.52	25.88	25.55	1.24	ppb
Sulfur	34-1	97.17	70.43	23.95	63.85	58.03	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.00	0.99	1.00	1.00	0.59	ppb
Thallium	205-1	0.99	0.98	0.99	0.99	0.51	ppb
Tin	118-1	5.19	5.32	5.24	5.25	1.22	ppb
Titanium	47-1	4.69	4.68	4.77	4.71	1.02	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:33:31

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.96	0.96	0.41	ppb
Vanadium	51-2	5.20	5.06	5.09	5.12	1.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	3.34	3.23	3.31	3.29	1.75	ppb
Zirconium	90-1	1.01	1.00	1.00	1.00	0.54	ppb
Zirconium	91-1	0.98	0.96	1.03	0.99	3.40	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:36:47

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1038.57	1028.53	1021.60	1029.57	0.83	ppb
Antimony	121-1	51.54	53.38	52.59	52.51	1.75	ppb
Arsenic	75-2	50.64	52.90	51.45	51.66	2.22	ppb
Barium	135-1	255.28	264.16	259.25	259.56	1.71	ppb
Barium	137-1	258.71	266.84	264.48	263.34	1.59	ppb
Beryllium	9-1	49.71	51.35	52.16	51.07	2.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.05	55.11	55.78	55.31	0.73	ppb
Cadmium	106-1	55.63	56.74	56.00	56.12	1.01	ppb
Cadmium	111-1	54.24	55.94	55.27	55.15	1.55	ppb
Calcium	43-1	5365.64	5558.16	5527.24	5483.68	1.89	ppb
Calcium	44-1	5163.14	5319.13	5282.56	5254.94	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.83	51.74	53.10	52.55	1.37	ppb
Cobalt	59-2	53.31	52.25	52.41	52.66	1.08	ppb
Copper	63-2	544.10	533.59	540.35	539.35	0.99	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	2746.42	2692.37	2697.69	2712.16	1.10	ppb
Iron	57-2	2873.25	2801.96	2860.91	2845.37	1.34	ppb
Iron	54-2	2885.78	2896.52	2864.94	2882.41	0.56	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:36:47

DataFile Name :

007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	254.16	255.57	257.37	255.70	0.63	ppb
Lead	207-1	257.55	256.28	256.84	256.89	0.25	ppb
Lead	208-1	255.12	255.99	255.87	255.66	0.18	ppb
Lithium	6-1				109		%
Magnesium	24-2	5508.22	5429.37	5351.07	5429.55	1.45	ppb
Manganese	55-2	526.83	517.63	514.70	519.72	1.22	ppb
Molybdenum	94-1	500.18	518.46	522.44	513.69	2.31	ppb
Molybdenum	95-1	497.75	514.28	517.01	509.68	2.04	ppb
Molybdenum	96-1	499.22	517.53	517.05	511.27	2.04	ppb
Molybdenum	97-1	489.81	514.95	520.20	508.32	3.20	ppb
Molybdenum	98-1	492.11	515.32	516.59	508.01	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.66	52.63	52.75	53.01	1.06	ppb
Phosphorus	31-2	1046.11	992.24	1040.01	1026.12	2.87	ppb
Potassium	39-2	2661.95	2677.32	2645.57	2661.61	0.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	50.69	53.31	54.30	52.77	3.53	ppb
Selenium	77-2	49.54	53.56	52.87	51.99	4.13	ppb
Selenium	78-2	54.14	55.68	52.93	54.25	2.54	ppb
Silicon	28-1	62.19	66.33	68.35	65.62	4.79	ppb
Silver	107-1	54.85	55.92	54.94	55.24	1.08	ppb
Silver	109-1	54.38	55.85	55.85	55.36	1.53	ppb
Sodium	23-2	5191.69	5332.97	5129.84	5218.16	2.00	ppb
Strontium	86-1	1220.04	1275.58	1280.76	1258.79	2.67	ppb
Strontium	88-1	1247.11	1296.70	1300.03	1281.28	2.31	ppb
Sulfur	34-1	696.45	860.35	863.19	806.66	11.83	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	50.02	51.16	50.72	50.63	1.13	ppb
Thallium	205-1	50.25	50.34	49.80	50.13	0.57	ppb
Tin	118-1	52.78	54.00	53.25	53.34	1.15	ppb
Titanium	47-1	500.97	523.21	519.59	514.59	2.32	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:36:47

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	49.51	50.04	49.65	49.73	0.55	ppb
Vanadium	51-2	52.11	50.14	50.81	51.02	1.96	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	547.80	529.12	542.08	539.67	1.77	ppb
Zirconium	90-1	49.48	51.52	52.38	51.13	2.91	ppb
Zirconium	91-1	48.98	51.21	51.63	50.61	2.81	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:39:42

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2517.36	2493.79	2517.46	2509.54	0.54	ppb
Antimony	121-1	130.55	130.80	134.37	131.91	1.62	ppb
Arsenic	75-2	129.40	127.25	130.49	129.05	1.28	ppb
Barium	135-1	643.75	658.83	662.58	655.05	1.52	ppb
Barium	137-1	641.93	652.49	664.67	653.03	1.74	ppb
Beryllium	9-1	122.96	127.11	127.83	125.96	2.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	134.89	136.47	138.33	136.56	1.26	ppb
Cadmium	106-1	133.91	134.75	137.97	135.54	1.58	ppb
Cadmium	111-1	133.07	135.10	137.97	135.38	1.82	ppb
Calcium	43-1	13226.99	13431.17	13599.32	13419.16	1.39	ppb
Calcium	44-1	12722.40	12898.55	13044.45	12888.47	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.20	125.76	127.99	127.32	1.06	ppb
Cobalt	59-2	128.71	128.64	130.70	129.35	0.90	ppb
Copper	63-2	1313.60	1304.19	1320.00	1312.60	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	6811.13	6645.01	6787.42	6747.85	1.33	ppb
Iron	57-2	6814.72	6737.45	6795.27	6782.48	0.59	ppb
Iron	54-2	6942.43	6834.91	6981.40	6919.58	1.10	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:39:42

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	629.37	643.85	626.25	633.16	1.48	ppb
Lead	207-1	631.89	645.55	635.60	637.68	1.11	ppb
Lead	208-1	626.93	644.82	633.46	635.07	1.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	13562.01	13423.92	13493.40	13493.11	0.51	ppb
Manganese	55-2	1288.36	1244.96	1270.22	1267.85	1.72	ppb
Molybdenum	94-1	1262.86	1265.92	1285.57	1271.45	0.97	ppb
Molybdenum	95-1	1263.41	1274.55	1281.49	1273.15	0.72	ppb
Molybdenum	96-1	1263.43	1269.34	1290.21	1274.33	1.10	ppb
Molybdenum	97-1	1250.40	1272.09	1284.66	1269.05	1.37	ppb
Molybdenum	98-1	1238.69	1275.33	1273.30	1262.44	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.52	140.40	142.80	142.24	1.15	ppb
Phosphorus	31-2	2600.00	2527.48	2557.18	2561.55	1.42	ppb
Potassium	39-2	6530.93	6533.08	6494.48	6519.50	0.33	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	130.41	132.22	132.43	131.68	0.84	ppb
Selenium	77-2	124.40	133.42	133.42	130.42	3.99	ppb
Selenium	78-2	132.06	129.77	129.94	130.59	0.98	ppb
Silicon	28-1	148.90	153.01	157.37	153.09	2.77	ppb
Silver	107-1	133.88	137.47	138.24	136.53	1.71	ppb
Silver	109-1	134.19	136.30	138.69	136.40	1.65	ppb
Sodium	23-2	13220.80	12913.47	12868.60	13000.96	1.47	ppb
Strontium	86-1	3112.89	3167.34	3162.35	3147.53	0.96	ppb
Strontium	88-1	3160.88	3203.98	3195.94	3186.93	0.72	ppb
Sulfur	34-1	2209.37	2320.11	2365.61	2298.37	3.50	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	126.66	128.58	125.11	126.79	1.37	ppb
Thallium	205-1	124.85	128.45	124.96	126.09	1.62	ppb
Tin	118-1	130.76	131.53	131.71	131.33	0.38	ppb
Titanium	47-1	1244.57	1280.84	1282.91	1269.44	1.70	ppb

3

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:42:28

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5120.46	5155.15	5261.19	5178.94	1.42	ppb
Antimony	121-1	264.50	262.58	264.74	263.94	0.45	ppb
Arsenic	75-2	255.59	255.23	257.65	256.15	0.51	ppb
Barium	135-1	1309.55	1299.85	1304.49	1304.63	0.37	ppb
Barium	137-1	1326.08	1282.03	1303.97	1304.03	1.69	ppb
Beryllium	9-1	254.87	250.39	254.65	253.31	1.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	272.09	267.63	271.85	270.52	0.93	ppb
Cadmium	106-1	271.56	269.21	271.21	270.66	0.47	ppb
Cadmium	111-1	269.33	266.11	267.71	267.71	0.60	ppb
Calcium	43-1	26880.38	26356.19	26232.30	26489.62	1.30	ppb
Calcium	44-1	26494.51	25911.89	26188.90	26198.43	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.42	252.47	257.53	255.14	1.00	ppb
Cobalt	59-2	253.99	251.44	256.40	253.94	0.98	ppb
Copper	63-2	2610.12	2555.68	2582.60	2582.80	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	13341.21	13288.65	13314.19	13314.68	0.20	ppb
Iron	57-2	13384.57	13419.97	13454.01	13419.51	0.26	ppb
Iron	54-2	13678.74	13676.65	13756.95	13704.11	0.33	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:42:28

DataFile Name :

009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1278.64	1283.74	1283.17	1281.85	0.22	ppb
Lead	207-1	1275.37	1297.50	1292.84	1288.57	0.91	ppb
Lead	208-1	1280.84	1291.21	1292.50	1288.18	0.50	ppb
Lithium	6-1				103		%
Magnesium	24-2	27027.83	27047.92	27144.72	27073.49	0.23	ppb
Manganese	55-2	2529.12	2539.89	2539.17	2536.06	0.24	ppb
Molybdenum	94-1	2636.65	2593.99	2560.03	2596.89	1.48	ppb
Molybdenum	95-1	2643.87	2590.05	2578.27	2604.06	1.34	ppb
Molybdenum	96-1	2631.49	2596.55	2593.64	2607.23	0.81	ppb
Molybdenum	97-1	2625.67	2605.18	2569.90	2600.25	1.08	ppb
Molybdenum	98-1	2634.69	2584.03	2563.55	2594.09	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	277.86	273.71	278.85	276.81	0.98	ppb
Phosphorus	31-2	5006.69	5048.00	5064.00	5039.56	0.59	ppb
Potassium	39-2	12870.75	12782.06	12874.21	12842.34	0.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	267.67	265.14	262.13	264.98	1.05	ppb
Selenium	77-2	253.32	260.54	245.74	253.20	2.92	ppb
Selenium	78-2	254.28	254.87	254.75	254.64	0.12	ppb
Silicon	28-1	287.51	286.07	281.52	285.03	1.10	ppb
Silver	107-1	272.40	268.36	268.15	269.64	0.89	ppb
Silver	109-1	270.37	265.92	270.90	269.06	1.02	ppb
Sodium	23-2	26165.52	25954.54	26172.89	26097.65	0.48	ppb
Strontium	86-1	6534.94	6480.13	6373.40	6462.82	1.27	ppb
Strontium	88-1	6598.87	6451.08	6478.21	6509.39	1.21	ppb
Sulfur	34-1	4794.89	4762.77	4808.93	4788.86	0.49	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	256.29	254.33	254.80	255.14	0.40	ppb
Thallium	205-1	254.02	253.49	254.08	253.86	0.13	ppb
Tin	118-1	265.45	261.03	266.46	264.31	1.09	ppb
Titanium	47-1	2580.47	2582.00	2589.99	2584.15	0.20	ppb

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:42:28 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	252.37	252.47	250.41	251.75	0.46	ppb
Vanadium	51-2	253.63	249.44	254.35	252.47	1.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2584.41	2562.79	2641.20	2596.13	1.56	ppb
Zirconium	90-1	260.89	256.42	253.89	257.07	1.38	ppb
Zirconium	91-1	263.27	260.03	256.50	259.93	1.30	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:45:14

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10247.67	10103.36	10160.71	10170.58	0.71	ppb
Antimony	121-1	508.25	509.80	510.14	509.40	0.20	ppb
Arsenic	75-2	500.19	502.39	499.91	500.83	0.27	ppb
Barium	135-1	2539.81	2565.12	2556.92	2553.95	0.51	ppb
Barium	137-1	2554.64	2581.70	2541.38	2559.24	0.80	ppb
Beryllium	9-1	505.76	509.53	512.60	509.30	0.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.05	520.25	520.76	517.69	0.94	ppb
Cadmium	106-1	514.38	521.86	519.40	518.55	0.74	ppb
Cadmium	111-1	506.92	527.06	513.68	515.89	1.99	ppb
Calcium	43-1	51580.85	51315.72	52826.23	51907.60	1.55	ppb
Calcium	44-1	50952.37	51291.10	51337.60	51193.69	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.30	507.36	497.10	501.59	1.05	ppb
Cobalt	59-2	504.41	496.44	494.67	498.51	1.04	ppb
Copper	63-2	5043.99	5095.95	5073.97	5071.30	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	26243.96	26373.12	26333.58	26316.88	0.25	ppb
Iron	57-2	26728.88	26604.37	26179.56	26504.27	1.09	ppb
Iron	54-2	26790.01	27160.30	26891.86	26947.39	0.71	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:45:14

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2547.45	2522.11	2602.21	2557.26	1.60	ppb
Lead	207-1	2558.98	2542.67	2594.53	2565.39	1.03	ppb
Lead	208-1	2559.21	2534.86	2580.04	2558.04	0.88	ppb
Lithium	6-1				104		%
Magnesium	24-2	53060.39	53566.04	53668.69	53431.71	0.61	ppb
Manganese	55-2	4914.47	5055.08	4977.56	4982.37	1.41	ppb
Molybdenum	94-1	5051.06	5081.49	5069.87	5067.48	0.30	ppb
Molybdenum	95-1	5065.96	5058.17	5106.55	5076.89	0.51	ppb
Molybdenum	96-1	5022.76	5123.55	5125.76	5090.69	1.16	ppb
Molybdenum	97-1	5051.63	5077.46	5089.60	5072.90	0.38	ppb
Molybdenum	98-1	5067.76	5100.17	5096.01	5087.98	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.86	501.15	499.41	503.14	1.00	ppb
Phosphorus	31-2	10024.65	10049.98	9867.84	9980.82	0.99	ppb
Potassium	39-2	25538.62	25713.77	25085.96	25446.11	1.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	504.54	511.94	513.26	509.91	0.92	ppb
Selenium	77-2	502.61	509.35	513.17	508.38	1.05	ppb
Selenium	78-2	500.77	502.85	503.98	502.54	0.32	ppb
Silicon	28-1	459.41	457.99	467.64	461.68	1.13	ppb
Silver	107-1	515.57	519.03	518.67	517.76	0.37	ppb
Silver	109-1	512.17	527.98	522.62	520.92	1.54	ppb
Sodium	23-2	51725.19	51731.47	51635.46	51697.37	0.10	ppb
Strontium	86-1	12795.62	12917.70	12704.11	12805.81	0.84	ppb
Strontium	88-1	12816.02	12772.02	12855.97	12814.67	0.33	ppb
Sulfur	34-1	10704.87	10749.61	10449.86	10634.78	1.52	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	512.31	496.80	516.43	508.52	2.04	ppb
Thallium	205-1	511.65	499.28	514.81	508.58	1.61	ppb
Tin	118-1	506.98	517.37	514.33	512.89	1.04	ppb
Titanium	47-1	5064.59	5101.97	5122.24	5096.27	0.57	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:45:14

DataFile Name :

010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.70	500.84	512.35	509.63	1.53	ppb
Vanadium	51-2	500.77	498.51	499.77	499.68	0.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5039.91	5130.54	5061.94	5077.46	0.93	ppb
Zirconium	90-1	509.66	509.26	510.56	509.83	0.13	ppb
Zirconium	91-1	508.14	504.28	510.46	507.62	0.61	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:47:58

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20373.17	20316.94	20442.38	20377.50	0.31	ppb
Antimony	121-1	952.44	1014.75	1005.29	990.83	3.39	ppb
Arsenic	75-2	1000.64	994.54	997.19	997.46	0.31	ppb
Barium	135-1	4776.10	5039.90	5049.40	4955.13	3.13	ppb
Barium	137-1	4806.38	5029.58	5022.15	4952.70	2.56	ppb
Beryllium	9-1	933.57	1016.64	1032.84	994.35	5.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	948.41	1003.43	1001.10	984.31	3.16	ppb
Cadmium	106-1	938.36	1007.23	1006.22	983.94	4.01	ppb
Cadmium	111-1	959.30	1006.65	992.26	986.07	2.46	ppb
Calcium	43-1	97288.28	101271.29	103767.33	100775.63	3.24	ppb
Calcium	44-1	96032.67	101262.18	101957.04	99750.63	3.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	994.10	995.35	1003.06	997.50	0.49	ppb
Cobalt	59-2	1003.53	999.65	994.07	999.08	0.48	ppb
Copper	63-2	9873.54	9953.07	9974.97	9933.86	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	52013.49	52297.83	52698.63	52336.65	0.66	ppb
Iron	57-2	52651.28	52755.75	53370.50	52925.84	0.73	ppb
Iron	54-2	53483.35	53615.74	53945.70	53681.60	0.44	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:47:58

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4806.36	4998.75	5081.21	4962.11	2.84	ppb
Lead	207-1	4795.05	5003.97	5068.18	4955.73	2.88	ppb
Lead	208-1	4782.96	4998.94	5097.78	4959.89	3.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	109104.68	107888.27	108989.17	108660.70	0.62	ppb
Manganese	55-2	9924.14	10028.28	10037.34	9996.58	0.63	ppb
Molybdenum	94-1	9489.03	10037.15	10289.84	9938.67	4.12	ppb
Molybdenum	95-1	9585.86	10044.07	10166.54	9932.16	3.08	ppb
Molybdenum	96-1	9601.00	9993.19	10178.55	9924.24	2.97	ppb
Molybdenum	97-1	9570.01	9987.62	10249.44	9935.69	3.45	ppb
Molybdenum	98-1	9553.93	9996.40	10241.27	9930.53	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.07	988.73	985.47	989.42	0.44	ppb
Phosphorus	31-2	19972.63	20052.65	19946.81	19990.70	0.28	ppb
Potassium	39-2	50372.97	50892.54	50626.03	50630.51	0.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	947.43	995.96	1027.58	990.32	4.08	ppb
Selenium	77-2	1009.42	981.32	991.97	994.24	1.43	ppb
Selenium	78-2	1003.62	991.56	994.81	996.66	0.63	ppb
Silicon	28-1	986.56	1017.84	1014.11	1006.17	1.70	ppb
Silver	107-1	950.46	1001.25	1001.82	984.51	3.00	ppb
Silver	109-1	947.71	997.82	1003.71	983.08	3.13	ppb
Sodium	23-2	101967.94	102183.14	103433.68	102528.25	0.77	ppb
Strontium	86-1	23898.80	25020.65	25452.44	24790.63	3.23	ppb
Strontium	88-1	23679.13	25059.26	25567.15	24768.51	3.94	ppb
Sulfur	34-1	19449.39	20012.97	19848.44	19770.27	1.47	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	949.10	1006.16	1027.34	994.20	4.07	ppb
Thallium	205-1	957.22	1003.50	1023.09	994.60	3.40	ppb
Tin	118-1	955.88	1009.67	1001.50	989.02	2.93	ppb
Titanium	47-1	9550.02	10076.50	10156.49	9927.67	3.32	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:47:58

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	950.13	1010.74	1024.15	995.01	3.96	ppb
Vanadium	51-2	1004.55	987.08	1006.76	999.46	1.08	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	9918.48	9930.62	9933.93	9927.68	0.08	ppb
Zirconium	90-1	948.24	1013.26	1017.33	992.94	3.90	ppb
Zirconium	91-1	944.82	1002.16	1033.64	993.54	4.53	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:50:45

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99376.37	98793.82	101523.70	99897.96	1.44	ppb
Antimony	121-1	0.64	0.66	0.82	0.71	14.05	ppb
Arsenic	75-2	0.55	0.52	0.51	0.52	3.40	ppb
Barium	135-1	2.53	2.10	2.03	2.22	12.26	ppb
Barium	137-1	2.52	2.15	2.06	2.24	10.83	ppb
Beryllium	9-1	0.23	0.18	0.11	0.17	36.04	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.29	0.35	0.37	25.26	ppb
Cadmium	106-1	0.29	-0.15	0.15	0.10	226.25	ppb
Cadmium	111-1	0.21	0.10	0.10	0.14	46.55	ppb
Calcium	43-1	488317.87	506712.75	503624.76	499551.79	1.97	ppb
Calcium	44-1	483450.51	509102.49	507021.88	499858.29	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.70	2.93	3.19	2.94	8.18	ppb
Cobalt	59-2	2.40	2.44	2.49	2.45	1.81	ppb
Copper	63-2	2.09	2.10	2.06	2.08	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				90		%
Iron	56-2	247688.82	249465.86	250882.36	249345.68	0.64	ppb
Iron	57-2	247745.18	248864.48	250995.32	249201.66	0.66	ppb
Iron	54-2	246551.50	248212.89	252200.12	248988.17	1.17	ppb
Krypton	83-1						cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:50:45 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.39	0.91	0.78	1.03	31.38	ppb
Lead	207-1	1.42	0.91	0.80	1.04	31.67	ppb
Lead	208-1	1.38	0.90	0.78	1.02	31.16	ppb
Lithium	6-1				91		%
Magnesium	24-2	493664.29	498347.12	501364.19	497791.87	0.78	ppb
Manganese	55-2	4.70	4.74	4.71	4.72	0.50	ppb
Molybdenum	94-1	3.56	2.63	2.45	2.88	20.68	ppb
Molybdenum	95-1	2.41	1.41	1.23	1.68	37.80	ppb
Molybdenum	96-1	3.83	2.90	2.64	3.12	20.12	ppb
Molybdenum	97-1	2.43	1.36	1.19	1.66	40.47	ppb
Molybdenum	98-1	2.38	1.36	1.17	1.64	39.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.16	4.14	4.16	4.15	0.24	ppb
Phosphorus	31-2	-8.37	-8.11	-8.99	-8.49		ppb
Potassium	39-2	247517.54	249171.37	252722.35	249803.75	1.06	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				89		%
Scandium	45-2				96		%
Selenium	82-1	0.82	0.49	0.82	0.71	27.13	ppb
Selenium	77-2	0.47	0.17	0.57	0.41	51.63	ppb
Selenium	78-2	0.65	0.75	0.13	0.51	64.82	ppb
Silicon	28-1	9.19	7.76	7.19	8.04	12.80	ppb
Silver	107-1	0.16	0.08	0.07	0.10	44.49	ppb
Silver	109-1	0.16	0.10	0.08	0.11	36.87	ppb
Sodium	23-2	498938.48	499122.05	499704.56	499255.03	0.08	ppb
Strontium	86-1	74.16	71.36	75.06	73.53	2.62	ppb
Strontium	88-1	74.28	74.04	73.84	74.06	0.30	ppb
Sulfur	34-1	-50.33	-47.96	-109.93	-69.41		ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.18	0.10	0.08	0.12	46.02	ppb
Thallium	205-1	0.18	0.10	0.08	0.12	48.00	ppb
Tin	118-1	0.63	0.54	0.55	0.57	8.65	ppb
Titanium	47-1	1.79	0.76	0.50	1.02	66.96	ppb

LB Number :LB133433

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-11-13 13:50:45

DataFile Name :012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.07	0.03	0.09	81.46	ppb
Vanadium	51-2	0.15	0.17	0.16	0.16	5.67	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%
Zinc	66-2	5.96	5.89	6.00	5.95	0.93	ppb
Zirconium	90-1	0.86	0.79	0.80	0.82	4.38	ppb
Zirconium	91-1	0.87	0.80	0.79	0.82	4.76	ppb

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:14:41 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	460.35	457.35	460.65	459.45	0.40	ppb
Antimony	121-1	205.02	207.40	205.54	205.99	0.61	ppb
Arsenic	75-2	202.14	199.93	203.48	201.85	0.89	ppb
Barium	135-1	101.65	99.86	101.05	100.85	0.90	ppb
Barium	137-1	102.03	101.27	102.27	101.86	0.51	ppb
Beryllium	9-1	98.06	100.47	101.27	99.93	1.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	98.50	95.98	97.16	97.21	1.30	ppb
Cadmium	106-1	94.25	94.12	94.20	94.19	0.07	ppb
Cadmium	111-1	108.24	108.00	108.62	108.29	0.29	ppb
Calcium	43-1	1995.70	1991.87	1956.91	1981.49	1.08	ppb
Calcium	44-1	1949.08	1922.71	1910.44	1927.41	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.98	98.64	99.79	99.14	0.60	ppb
Cobalt	59-2	98.50	101.15	100.32	99.99	1.36	ppb
Copper	63-2	95.19	94.11	95.08	94.79	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	2009.16	2041.69	2012.53	2021.13	0.89	ppb
Iron	57-2	2085.95	2070.89	2089.04	2081.96	0.47	ppb
Iron	54-2	2177.68	2147.34	2169.40	2164.81	0.72	ppb
Krypton	83-1						cps

LB Number :	LB133433		Operator :	Jaswal			
Lab Sample ID :	ICV001		Instrumnet Name :	P7			
Client Sample ID :	ICV001		Dilution Factor :	1			
Date & Time Acquired :	2024-11-13 14:14:41		DataFile Name :	015ICV.d			
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	198.99	202.43	196.44	199.28	1.51	ppb
Lead	207-1	191.67	193.61	192.74	192.67	0.51	ppb
Lead	208-1	195.33	195.84	195.04	195.40	0.21	ppb
Lithium	6-1				106		%
Magnesium	24-2	1108.23	1105.21	1109.23	1107.56	0.19	ppb
Manganese	55-2	96.45	97.09	96.80	96.78	0.33	ppb
Molybdenum	94-1	0.06	0.07	0.07	0.07	10.72	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	10.73	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	10.39	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	9.09	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	6.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.81	101.96	102.97	102.25	0.62	ppb
Phosphorus	31-2	-16.96	-16.98	-15.61	-16.52		ppb
Potassium	39-2	1901.76	1880.30	1967.28	1916.44	2.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	210.80	209.73	209.34	209.96	0.36	ppb
Selenium	77-2	217.73	212.41	218.22	216.12	1.49	ppb
Selenium	78-2	211.20	210.77	209.19	210.38	0.50	ppb
Silicon	28-1	-2.08	-2.92	-4.41	-3.14		ppb
Silver	107-1	53.31	53.10	52.68	53.03	0.60	ppb
Silver	109-1	53.12	52.85	53.23	53.06	0.37	ppb
Sodium	23-2	1868.56	1853.03	1896.02	1872.54	1.16	ppb
Strontium	86-1	5.35	5.38	5.66	5.46	3.15	ppb
Strontium	88-1	5.58	5.79	5.73	5.70	1.94	ppb
Sulfur	34-1	-57.98	-102.42	-95.28	-85.23		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	192.08	192.77	191.09	191.98	0.44	ppb
Thallium	205-1	190.06	193.77	190.78	191.54	1.03	ppb
Tin	118-1	-0.09	-0.11	-0.11	-0.10		ppb
Titanium	47-1	0.16	0.15	0.19	0.17	11.38	ppb

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:14:41 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	169.97	ppb
Vanadium	51-2	94.67	94.08	94.83	94.53	0.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	195.10	194.14	196.16	195.13	0.52	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.47	ppb
Zirconium	91-1	0.06	0.07	0.07	0.07	6.09	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:30:31

DataFile Name :

018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.17	0.01	-0.10		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	21.01	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	-0.01	0.00	-0.01		ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	0.08	-0.48	0.20	-0.07		ppb
Cadmium	111-1	0.01	-0.04	0.02	0.00		ppb
Calcium	43-1	-14.09	-13.63	-13.25	-13.66		ppb
Calcium	44-1	-9.40	-10.49	-9.54	-9.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.12	0.12	0.12	3.56	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	91.80	ppb
Copper	63-2	-0.06	-0.06	-0.06	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	1.90	2.02	1.74	1.89	7.62	ppb
Iron	57-2	2.50	1.13	0.85	1.49	58.99	ppb
Iron	54-2	2.25	1.57	1.40	1.74	25.98	ppb
Krypton	83-1						cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:30:31 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	5.56	ppb
Lead	207-1	0.00	0.00	0.00	0.00	565.82	ppb
Lead	208-1	0.00	0.00	0.00	0.00	101.91	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.94	1.10	1.07	1.04	8.40	ppb
Manganese	55-2	-0.22	-0.23	-0.23	-0.23		ppb
Molybdenum	94-1	0.02	0.02	0.04	0.03	26.34	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	1465.97	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.70	0.67	0.66	5.33	ppb
Phosphorus	31-2	-17.70	-18.14	-18.08	-17.97		ppb
Potassium	39-2	0.55	2.16	-0.62	0.70	200.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.35	0.48	0.21	0.35	39.52	ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.10	0.01	-0.39	-0.09		ppb
Silicon	28-1	-1.52	-1.78	-1.51	-1.60		ppb
Silver	107-1	0.00	0.00	0.00	0.00	15.33	ppb
Silver	109-1	0.00	0.01	0.00	0.00	28.00	ppb
Sodium	23-2	-12.16	-10.84	-11.74	-11.58		ppb
Strontium	86-1	-0.05	-0.30	-0.44	-0.26		ppb
Strontium	88-1	-0.25	-0.28	-0.30	-0.28		ppb
Sulfur	34-1	-80.22	-71.05	-117.24	-89.50		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.01	0.01	42.71	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	25.89	ppb
Tin	118-1	-0.10	-0.11	-0.11	-0.10		ppb
Titanium	47-1	0.23	0.23	0.25	0.24	6.59	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:30:31

DataFile Name :

018CCBE.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				107		%
Yttrium	89-2				108		%
Zinc	66-2	-0.67	-0.66	-0.77	-0.70		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	18.55	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	27.91	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICSA001

Instrumnet Name :

P7

Client Sample ID :

ICSA001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:33:46

DataFile Name :

019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93306.10	94544.05	107899.38	98583.18	8.21	ppb
Antimony	121-1	1.16	1.21	1.20	1.19	2.12	ppb
Arsenic	75-2	0.28	0.35	0.33	0.32	11.75	ppb
Barium	135-1	1.48	1.51	1.47	1.49	1.34	ppb
Barium	137-1	1.46	1.47	1.46	1.46	0.46	ppb
Beryllium	9-1	0.27	0.32	0.31	0.30	8.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.55	9.63	9.95	10.04	4.61	ppb
Cadmium	106-1	-0.42	-0.57	-0.80	-0.60		ppb
Cadmium	111-1	0.36	0.35	0.30	0.34	9.00	ppb
Calcium	43-1	102051.22	104065.11	105173.07	103763.13	1.53	ppb
Calcium	44-1	100773.13	103666.12	104319.66	102919.64	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.37	20.79	23.79	21.65	8.63	ppb
Cobalt	59-2	1.28	1.27	1.46	1.34	7.92	ppb
Copper	63-2	7.38	7.49	8.55	7.81	8.28	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				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	106605.77	107356.16	122221.03	112060.99	7.86	ppb
Iron	57-2	107084.88	108321.46	124736.43	113380.93	8.69	ppb
Iron	54-2	107329.36	109334.88	124809.65	113824.63	8.40	ppb
Krypton	83-1						cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:33:46 DataFile Name : 019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.95	5.03	4.90	4.96	1.39	ppb
Lead	207-1	4.50	4.54	4.58	4.54	0.84	ppb
Lead	208-1	4.64	4.69	4.63	4.65	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	99538.69	101820.34	113410.35	104923.13	7.09	ppb
Manganese	55-2	7.71	8.06	9.22	8.33	9.50	ppb
Molybdenum	94-1	1626.78	1664.25	1655.92	1648.98	1.19	ppb
Molybdenum	95-1	1967.07	2022.59	1984.31	1991.32	1.43	ppb
Molybdenum	96-1	1926.30	1989.38	1956.97	1957.55	1.61	ppb
Molybdenum	97-1	1941.86	2020.50	1994.77	1985.71	2.02	ppb
Molybdenum	98-1	1943.91	2026.85	1995.79	1988.85	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.15	6.04	7.00	6.40	8.18	ppb
Phosphorus	31-2	97857.48	100816.40	114607.22	104427.03	8.56	ppb
Potassium	39-2	101933.27	101561.99	118992.84	107496.04	9.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.36	-0.09	-0.08	0.06	403.44	ppb
Selenium	77-2	0.25	0.06	0.18	0.16	57.84	ppb
Selenium	78-2	-0.40	-0.22	0.58	-0.01		ppb
Silicon	28-1	3.93	3.88	4.39	4.07	6.89	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.75	ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.13	ppb
Sodium	23-2	99278.07	100364.70	114876.53	104839.77	8.31	ppb
Strontium	86-1	854.32	892.36	873.44	873.37	2.18	ppb
Strontium	88-1	869.06	899.55	887.70	885.44	1.74	ppb
Sulfur	34-1	96812.26	97279.39	97476.09	97189.24	0.35	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.10	0.11	0.11	0.69	ppb
Thallium	205-1	0.11	0.10	0.11	0.10	3.51	ppb
Tin	118-1	0.09	0.06	0.09	0.08	17.70	ppb
Titanium	47-1	2026.01	2084.83	2112.73	2074.52	2.13	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICSA001

Instrumnet Name :

P7

Client Sample ID :

ICSA001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:33:46

DataFile Name :

019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.70	ppb
Vanadium	51-2	0.19	0.20	0.21	0.20	6.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9.53	9.82	11.28	10.21	9.21	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.83	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	72.12	ppb

LB Number :LB133433Operator :Jaswal

Lab Sample ID :ICSAB001Instrumnet Name :P7

Client Sample ID :ICSAB001Dilution Factor :1

Date & Time Acquired :2024-11-13 14:36:52DataFile Name :020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92169.26	94123.05	93868.37	93386.89	1.14	ppb
Antimony	121-1	22.08	22.40	21.76	22.08	1.45	ppb
Arsenic	75-2	20.82	20.93	20.30	20.69	1.63	ppb
Barium	135-1	22.20	22.76	21.95	22.30	1.86	ppb
Barium	137-1	22.52	22.78	22.09	22.46	1.55	ppb
Beryllium	9-1	20.96	22.47	21.45	21.63	3.55	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.03	28.18	27.36	27.52	2.15	ppb
Cadmium	106-1	18.07	18.12	18.07	18.09	0.17	ppb
Cadmium	111-1	20.98	21.39	20.48	20.95	2.19	ppb
Calcium	43-1	103619.74	106870.01	102466.39	104318.71	2.19	ppb
Calcium	44-1	103287.73	106546.67	101937.03	103923.81	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.50	41.34	41.41	41.42	0.20	ppb
Cobalt	59-2	21.96	21.84	21.99	21.93	0.37	ppb
Copper	63-2	26.84	27.07	27.00	26.97	0.43	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				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	107666.70	107889.43	106964.59	107506.91	0.45	ppb
Iron	57-2	109506.40	108523.49	108600.70	108876.86	0.50	ppb
Iron	54-2	107873.76	109640.28	110153.86	109222.63	1.10	ppb
Krypton	83-1						cps

LB Number :LB133433Operator :Jaswal

Lab Sample ID :ICSAB001Instrumnet Name :P7

Client Sample ID :ICSAB001Dilution Factor :1

Date & Time Acquired :2024-11-13 14:36:52DataFile Name :020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.02	26.88	26.22	26.37	1.70	ppb
Lead	207-1	25.22	26.06	25.26	25.51	1.84	ppb
Lead	208-1	25.38	26.11	25.46	25.65	1.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	99258.60	100728.00	99636.51	99874.37	0.76	ppb
Manganese	55-2	28.33	28.08	28.40	28.27	0.60	ppb
Molybdenum	94-1	1630.89	1681.52	1628.40	1646.94	1.82	ppb
Molybdenum	95-1	1989.19	2031.98	1955.36	1992.18	1.93	ppb
Molybdenum	96-1	1963.23	1995.70	1935.84	1964.92	1.52	ppb
Molybdenum	97-1	1991.15	2027.34	1969.15	1995.88	1.47	ppb
Molybdenum	98-1	1987.36	2012.81	1964.29	1988.15	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.04	26.23	26.26	26.18	0.45	ppb
Phosphorus	31-2	97013.25	99912.56	99929.32	98951.71	1.70	ppb
Potassium	39-2	102156.68	101351.98	103153.85	102220.84	0.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	19.83	20.35	19.82	20.00	1.52	ppb
Selenium	77-2	19.65	20.31	19.51	19.82	2.17	ppb
Selenium	78-2	19.41	20.06	18.92	19.46	2.93	ppb
Silicon	28-1	3.30	3.33	1.89	2.84	28.88	ppb
Silver	107-1	20.18	20.47	19.92	20.19	1.36	ppb
Silver	109-1	20.16	20.33	19.87	20.12	1.17	ppb
Sodium	23-2	99494.81	99494.07	101754.59	100247.82	1.30	ppb
Strontium	86-1	881.80	893.30	870.95	882.02	1.27	ppb
Strontium	88-1	896.70	914.06	875.90	895.55	2.13	ppb
Sulfur	34-1	95791.73	99831.22	96091.44	97238.13	2.31	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	21.30	21.92	21.32	21.51	1.61	ppb
Thallium	205-1	21.03	21.43	20.94	21.14	1.24	ppb
Tin	118-1	0.09	0.11	0.09	0.10	15.16	ppb
Titanium	47-1	2104.38	2141.06	2059.11	2101.52	1.95	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P7

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:36:52

DataFile Name :

020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.50	ppb
Vanadium	51-2	20.15	20.10	20.25	20.17	0.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	30.71	30.80	31.31	30.94	1.04	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	79.09	ppb

LB Number :LB133433Operator :Jaswal

Lab Sample ID :CCV001Instrumnet Name :P7

Client Sample ID :CCV001Dilution Factor :1

Date & Time Acquired :2024-11-13 14:41:04DataFile Name :021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47232.68	47512.83	47541.09	47428.87	0.36	ppb
Antimony	121-1	508.36	512.69	509.57	510.21	0.44	ppb
Arsenic	75-2	507.68	516.11	513.23	512.34	0.84	ppb
Barium	135-1	2566.89	2566.00	2552.62	2561.83	0.31	ppb
Barium	137-1	2563.91	2553.92	2549.15	2555.66	0.29	ppb
Beryllium	9-1	530.90	525.86	535.80	530.85	0.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	530.10	527.60	531.87	529.86	0.40	ppb
Cadmium	106-1	527.63	532.89	532.26	530.92	0.54	ppb
Cadmium	111-1	523.93	533.03	534.06	530.34	1.05	ppb
Calcium	43-1	243702.79	248909.65	244694.38	245768.94	1.12	ppb
Calcium	44-1	241681.31	250274.90	246263.10	246073.10	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.22	494.00	478.43	484.22	1.76	ppb
Cobalt	59-2	506.75	510.10	510.37	509.07	0.40	ppb
Copper	63-2	4877.50	4949.55	4916.16	4914.40	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	125039.29	125477.19	124272.40	124929.63	0.49	ppb
Iron	57-2	123969.01	127346.11	124580.32	125298.48	1.44	ppb
Iron	54-2	123908.03	128095.68	126292.00	126098.57	1.67	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV001

Instrumnet Name :

P7

Client Sample ID :

CCV001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:41:04

DataFile Name :

021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2568.31	2579.08	2560.61	2569.33	0.36	ppb
Lead	207-1	2572.00	2546.62	2599.83	2572.82	1.03	ppb
Lead	208-1	2578.48	2554.99	2583.38	2572.28	0.59	ppb
Lithium	6-1				93		%
Magnesium	24-2	241161.69	246838.57	242628.88	243543.05	1.21	ppb
Manganese	55-2	4883.27	4962.72	4823.89	4889.96	1.42	ppb
Molybdenum	94-1	5081.30	5079.74	5122.96	5094.67	0.48	ppb
Molybdenum	95-1	5007.30	5039.38	5074.33	5040.34	0.67	ppb
Molybdenum	96-1	5012.61	5060.97	5092.69	5055.42	0.80	ppb
Molybdenum	97-1	5017.45	5030.08	5075.35	5040.96	0.60	ppb
Molybdenum	98-1	4999.58	4998.81	5097.17	5031.86	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.26	510.76	497.98	505.34	1.31	ppb
Phosphorus	31-2	9385.28	9598.03	9397.72	9460.34	1.26	ppb
Potassium	39-2	119206.27	122022.50	120501.75	120576.84	1.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	510.01	514.89	517.35	514.08	0.73	ppb
Selenium	77-2	504.95	508.63	503.68	505.76	0.51	ppb
Selenium	78-2	498.25	500.25	500.73	499.74	0.26	ppb
Silicon	28-1	400.01	409.09	412.28	407.13	1.56	ppb
Silver	107-1	523.32	528.40	523.19	524.97	0.57	ppb
Silver	109-1	518.88	519.05	517.86	518.59	0.12	ppb
Sodium	23-2	232171.09	237501.57	234496.24	234722.97	1.14	ppb
Strontium	86-1	12571.21	12839.98	12854.93	12755.37	1.25	ppb
Strontium	88-1	12788.10	12856.73	12824.05	12822.96	0.27	ppb
Sulfur	34-1	9741.85	10028.30	9930.99	9900.38	1.47	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	515.21	529.13	508.37	517.57	2.04	ppb
Thallium	205-1	508.70	511.58	503.41	507.89	0.82	ppb
Tin	118-1	518.89	522.04	516.47	519.13	0.54	ppb
Titanium	47-1	4965.10	5025.87	5002.61	4997.86	0.61	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV001

Instrumnet Name :

P7

Client Sample ID :

CCV001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:41:04

DataFile Name :

021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	522.34	525.96	518.78	522.36	0.69	ppb
Vanadium	51-2	485.49	501.01	499.90	495.47	1.75	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	4993.89	5069.62	5064.46	5042.66	0.84	ppb
Zirconium	90-1	512.35	511.44	514.09	512.63	0.26	ppb
Zirconium	91-1	507.61	510.10	511.32	509.68	0.37	ppb

LB Number :LB133433Operator :Jaswal

Lab Sample ID :CCB001Instrumnet Name :P7

Client Sample ID :CCB001Dilution Factor :1

Date & Time Acquired :2024-11-13 14:43:46DataFile Name :022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.00	0.09	0.03	213.57	ppb
Antimony	121-1	0.17	0.21	0.26	0.21	21.57	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	44.20	ppb
Barium	135-1	0.13	0.03	0.00	0.05	123.64	ppb
Barium	137-1	0.11	0.02	0.01	0.05	117.63	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	53.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.02	-0.01	0.02	139.44	ppb
Cadmium	106-1	0.39	0.03	-0.36	0.02	2052.16	ppb
Cadmium	111-1	0.08	0.03	-0.01	0.03	136.79	ppb
Calcium	43-1	4.80	0.63	-0.51	1.64	170.33	ppb
Calcium	44-1	9.92	7.72	5.29	7.64	30.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.04	-0.05	-0.05		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	543.36	ppb
Copper	63-2	0.06	0.04	0.04	0.05	24.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.40	0.37	0.18	0.32	37.01	ppb
Iron	57-2	0.49	-0.29	0.12	0.11	362.31	ppb
Iron	54-2	0.30	0.10	-0.04	0.12	142.10	ppb
Krypton	83-1						cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:43:46 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.06	0.05	0.07	39.09	ppb
Lead	207-1	0.10	0.06	0.05	0.07	36.29	ppb
Lead	208-1	0.10	0.06	0.04	0.07	43.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.61	1.55	1.33	1.49	9.77	ppb
Manganese	55-2	-0.20	-0.19	-0.20	-0.20		ppb
Molybdenum	94-1	0.25	0.23	0.23	0.24	3.91	ppb
Molybdenum	95-1	0.23	0.18	0.18	0.20	14.60	ppb
Molybdenum	96-1	0.22	0.19	0.19	0.20	9.77	ppb
Molybdenum	97-1	0.27	0.18	0.18	0.21	24.03	ppb
Molybdenum	98-1	0.67	0.17	0.18	0.34	83.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.39	0.40	0.39	2.95	ppb
Phosphorus	31-2	-17.14	-17.28	-16.68	-17.04		ppb
Potassium	39-2	27.64	26.48	25.05	26.39	4.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.35	-0.66	-0.42	-0.47		ppb
Selenium	77-2	0.15	-0.03	0.15	0.09	116.78	ppb
Selenium	78-2	0.26	-0.33	-0.25	-0.11		ppb
Silicon	28-1	-3.98	-3.88	-3.72	-3.86		ppb
Silver	107-1	0.10	0.02	0.02	0.05	106.05	ppb
Silver	109-1	0.08	0.02	0.01	0.04	100.90	ppb
Sodium	23-2	14.44	13.28	13.22	13.64	5.04	ppb
Strontium	86-1	0.09	0.02	-0.28	-0.06		ppb
Strontium	88-1	0.28	0.11	0.11	0.17	59.44	ppb
Sulfur	34-1	-351.77	-345.58	-329.60	-342.31		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.10	0.08	0.10	14.07	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	14.59	ppb
Tin	118-1	0.12	0.09	0.10	0.10	14.28	ppb
Titanium	47-1	0.17	0.00	0.04	0.07	123.81	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCB001

Instrumnet Name :

P7

Client Sample ID :

CCB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:43:46

DataFile Name :

022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.00	0.01	65.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	46.25	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-0.03	-0.18	-0.20	-0.14		ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	11.44	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	17.23	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

P4730-01DLX20

Instrumnet Name :

P7

Client Sample ID :

MC0B82

Dilution Factor :

20

Date & Time Acquired :

2024-11-13 14:47:02

DataFile Name :

023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	1.00	1.52	1.26	20.89	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	22.97	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	102.29	ppb
Barium	135-1	24.30	24.84	24.84	24.66	1.25	ppb
Barium	137-1	24.45	25.24	24.94	24.88	1.61	ppb
Beryllium	9-1	0.04	0.02	0.00	0.02	104.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.01	-0.01	0.00	875.26	ppb
Cadmium	106-1	0.39	0.25	-0.68	-0.01		ppb
Cadmium	111-1	0.05	0.04	-0.02	0.02	157.62	ppb
Calcium	43-1	3888.65	4035.31	4078.02	4000.66	2.48	ppb
Calcium	44-1	3809.97	3907.87	3876.32	3864.72	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	375.58	385.42	382.69	381.23	1.33	ppb
Cobalt	59-2	0.78	0.79	0.80	0.79	1.10	ppb
Copper	63-2	0.56	0.63	0.53	0.57	8.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	10.39	10.13	10.24	10.25	1.32	ppb
Iron	57-2	25.79	28.03	28.78	27.54	5.65	ppb
Iron	54-2	274.96	275.69	280.22	276.96	1.03	ppb
Krypton	83-1						cps

LB Number :	LB133433	Operator :	Jaswal
Lab Sample ID :	P4730-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MC0B82	Dilution Factor :	20
Date & Time Acquired :	2024-11-13 14:47:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.05	0.04	13.80	ppb
Lead	207-1	0.04	0.04	0.03	0.04	7.14	ppb
Lead	208-1	0.04	0.04	0.03	0.03	7.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	1312.66	1327.14	1312.23	1317.34	0.64	ppb
Manganese	55-2	18.59	19.06	19.01	18.89	1.38	ppb
Molybdenum	94-1	0.04	0.06	0.08	0.06	34.42	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.05	16.10	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	19.10	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	18.64	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	15.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.39	11.36	11.57	11.44	0.98	ppb
Phosphorus	31-2	-11.38	-11.48	-11.38	-11.42		ppb
Potassium	39-2	99.46	101.25	99.89	100.20	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.27	-0.30	-0.63	-0.40		ppb
Selenium	77-2	0.15	-0.03	-0.03	0.03	357.63	ppb
Selenium	78-2	0.76	0.26	0.26	0.43	67.00	ppb
Silicon	28-1	276.74	283.55	282.91	281.07	1.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.93	ppb
Sodium	23-2	1110.93	1084.74	1061.36	1085.68	2.28	ppb
Strontium	86-1	214.06	217.44	220.54	217.35	1.49	ppb
Strontium	88-1	215.73	223.87	218.59	219.39	1.88	ppb
Sulfur	34-1	-93.82	19.14	-24.90	-33.19		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.05	0.05	0.05	13.68	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.98	ppb
Tin	118-1	0.09	0.03	0.04	0.05	60.17	ppb
Titanium	47-1	0.00	0.04	0.07	0.03	97.24	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

P4730-01DLX20

Instrumnet Name :

P7

Client Sample ID :

MC0B82

Dilution Factor :

20

Date & Time Acquired :

2024-11-13 14:47:02

DataFile Name :

023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	2.80	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	14.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.83	1.11	0.92	0.95	15.10	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	27.15	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	61.79	ppb

LB Number :LB133433Operator :Jaswal

Lab Sample ID :CCV002Instrumnet Name :P7

Client Sample ID :CCV002Dilution Factor :1

Date & Time Acquired :2024-11-13 14:50:16DataFile Name :024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46990.78	48478.72	48805.70	48091.74	2.01	ppb
Antimony	121-1	484.78	506.26	504.01	498.35	2.37	ppb
Arsenic	75-2	516.09	510.06	510.94	512.36	0.64	ppb
Barium	135-1	2427.69	2579.15	2518.94	2508.59	3.04	ppb
Barium	137-1	2444.31	2557.95	2524.13	2508.80	2.33	ppb
Beryllium	9-1	503.46	513.41	519.31	512.06	1.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.06	531.31	526.83	519.40	3.25	ppb
Cadmium	106-1	502.46	532.34	524.34	519.71	2.98	ppb
Cadmium	111-1	499.70	529.59	525.06	518.12	3.11	ppb
Calcium	43-1	238683.05	243880.24	250464.55	244342.61	2.42	ppb
Calcium	44-1	236630.62	242692.34	248813.69	242712.22	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.13	490.47	495.20	491.26	0.73	ppb
Cobalt	59-2	496.36	507.79	522.98	509.05	2.62	ppb
Copper	63-2	4795.56	4944.97	5002.31	4914.28	2.17	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				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	122020.19	125418.58	126803.76	124747.51	1.97	ppb
Iron	57-2	123000.15	126079.37	127134.22	125404.58	1.71	ppb
Iron	54-2	124915.25	125776.66	126211.49	125634.47	0.53	ppb
Krypton	83-1						cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:50:16

DataFile Name :

024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2460.20	2506.80	2538.59	2501.86	1.58	ppb
Lead	207-1	2454.01	2524.97	2551.85	2510.28	2.01	ppb
Lead	208-1	2452.11	2530.88	2563.16	2515.38	2.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	239512.53	248563.44	250917.26	246331.08	2.44	ppb
Manganese	55-2	4844.87	4942.91	4955.91	4914.56	1.24	ppb
Molybdenum	94-1	4767.76	4984.08	5009.85	4920.56	2.70	ppb
Molybdenum	95-1	4728.65	4986.31	5006.81	4907.26	3.16	ppb
Molybdenum	96-1	4738.10	5033.72	5052.67	4941.50	3.57	ppb
Molybdenum	97-1	4712.50	5010.50	5039.03	4920.68	3.68	ppb
Molybdenum	98-1	4734.36	4980.02	5036.04	4916.81	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.05	514.97	513.79	507.94	2.20	ppb
Phosphorus	31-2	9451.46	9649.83	9733.01	9611.43	1.50	ppb
Potassium	39-2	119353.70	121793.67	123680.54	121609.30	1.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	482.34	505.68	503.29	497.10	2.58	ppb
Selenium	77-2	499.17	521.11	493.93	504.74	2.86	ppb
Selenium	78-2	505.01	497.07	503.10	501.73	0.83	ppb
Silicon	28-1	392.94	410.68	416.68	406.76	3.04	ppb
Silver	107-1	495.73	522.12	520.67	512.84	2.89	ppb
Silver	109-1	493.17	521.10	511.73	508.67	2.79	ppb
Sodium	23-2	234854.16	244491.22	240415.78	239920.39	2.02	ppb
Strontium	86-1	12132.69	12775.64	12796.95	12568.42	3.00	ppb
Strontium	88-1	12126.08	12631.41	12893.22	12550.23	3.11	ppb
Sulfur	34-1	9425.44	9810.55	9990.02	9742.00	2.96	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	493.54	500.91	513.07	502.51	1.96	ppb
Thallium	205-1	493.00	499.85	508.83	500.56	1.59	ppb
Tin	118-1	487.07	519.40	513.77	506.75	3.41	ppb
Titanium	47-1	4720.84	4995.90	4993.37	4903.37	3.22	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:50:16

DataFile Name :

024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	501.56	512.29	525.53	513.13	2.34	ppb
Vanadium	51-2	491.19	493.22	493.27	492.56	0.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	4934.52	5092.36	5085.86	5037.58	1.77	ppb
Zirconium	90-1	478.29	506.79	508.07	497.72	3.38	ppb
Zirconium	91-1	480.25	502.82	504.65	495.91	2.74	ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCB002

Instrumnet Name :

P7

Client Sample ID :

CCB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:58:19

DataFile Name :

025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.09	0.03	0.02	493.72	ppb
Antimony	121-1	0.04	0.05	0.07	0.06	29.50	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	2288.26	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	62.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	0.02	0.00		ppb
Cadmium	106-1	-1.14	-1.04	0.14	-0.68		ppb
Cadmium	111-1	-0.07	-0.06	0.02	-0.04		ppb
Calcium	43-1	6.33	-0.88	-1.41	1.35	321.64	ppb
Calcium	44-1	17.24	3.06	4.39	8.23	95.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	137.98	ppb
Copper	63-2	0.05	0.04	0.01	0.04	56.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	0.52	0.66	0.09	0.42	70.11	ppb
Iron	57-2	0.06	0.96	-0.52	0.17	451.58	ppb
Iron	54-2	1.18	0.94	0.17	0.76	69.21	ppb
Krypton	83-1						cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:58:19 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.02	0.03	0.07	110.46	ppb
Lead	207-1	0.27	0.02	0.02	0.10	136.74	ppb
Lead	208-1	0.23	0.02	0.02	0.09	135.93	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.95	1.95	1.72	1.87	7.13	ppb
Manganese	55-2	-0.19	-0.19	-0.20	-0.19		ppb
Molybdenum	94-1	0.06	0.05	0.09	0.07	27.25	ppb
Molybdenum	95-1	0.06	0.03	0.03	0.04	35.88	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	20.64	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	28.70	ppb
Molybdenum	98-1	0.05	0.03	0.04	0.04	19.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.49	0.36	0.46	18.71	ppb
Phosphorus	31-2	-17.90	-14.17	-18.73	-16.93		ppb
Potassium	39-2	23.01	24.25	18.74	22.00	13.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	-0.12	0.13	-0.54	-0.18		ppb
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	1.01	0.60	-0.48	0.38	203.50	ppb
Silicon	28-1	-4.95	-5.65	-3.82	-4.81		ppb
Silver	107-1	0.01	0.01	0.00	0.01	32.93	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.53	ppb
Sodium	23-2	16.56	17.27	13.45	15.76	12.89	ppb
Strontium	86-1	-0.02	-0.21	-0.03	-0.08		ppb
Strontium	88-1	0.13	0.01	0.01	0.05	140.79	ppb
Sulfur	34-1	-197.64	-243.61	-159.33	-200.19		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.04	0.04	11.46	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	19.94	ppb
Tin	118-1	0.06	0.06	0.06	0.06	5.06	ppb
Titanium	47-1	0.00	-0.04	-0.06	-0.04		ppb

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCB002

Instrumnet Name :

P7

Client Sample ID :

CCB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:58:19

DataFile Name :

025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.00	0.00	0.01	163.81	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	270.97	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	0.03	0.06	0.05	0.04	34.08	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	28.04	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	23.24	ppb

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:27:00 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343	467	387	399	15.69	cps
Antimony	121-1	70	73	67	70	4.76	cps
Arsenic	75-2	23	17	20	20	16.65	cps
Barium	135-1	243	317	313	291	14.22	cps
Barium	137-1	503	463	427	464	8.26	cps
Beryllium	9-1	111	117	144	124	14.40	cps
Bismuth	209-1	17767142	17626515	17683748	17692468	0.40	cps
Bismuth	209-2	14676560	14711940	14815085	14734528	0.49	cps
Bromine	81-1	13703	14060	13777	13847	1.36	cps
Bromine	81-2	137	110	113	120	12.11	cps
Cadmium	108-1	40	33	30	34	14.78	cps
Cadmium	106-1	9913	9667	9813	9798	1.27	cps
Cadmium	111-1	6968	6827	6912	6902	1.03	cps
Calcium	43-1	1590	1580	1643	1605	2.12	cps
Calcium	44-1	68536	68554	67461	68184	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3370	3480	3534	3462	2.41	cps
Cobalt	59-2	287	257	323	289	11.56	cps
Copper	63-2	2777	2667	2880	2775	3.85	cps
Dysprosium	156-1	90	123	80	98	23.21	cps
Dysprosium	156-2	23	13	40	26	52.73	cps
Erbium	164-1	103	133	123	120	12.73	cps
Erbium	164-2	103	103	83	97	11.95	cps
Gadolinium	160-1	163	140	147	150	8.01	cps
Gadolinium	160-2	1203	1193	1273	1223	3.56	cps
Holmium	165-1	30761544	30543120	31180970	30828545	1.05	cps
Holmium	165-2	21928036	22082198	22131399	22047211	0.48	cps
Indium	115-1	27611480	27909712	27793112	27771435	0.54	cps
Indium	115-2	9665174	9606982	9665808	9645988	0.35	cps
Iron	56-2	54204	54384	54983	54524	0.75	cps
Iron	57-2	2467	2334	2194	2331	5.86	cps
Iron	54-2	5208	4988	5198	5131	2.42	cps
Krypton	83-1	307	310	340	319	5.76	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:27:00 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1387	1433	1333	1385	3.61	cps
Lead	207-1	1243	1247	1153	1215	4.36	cps
Lead	208-1	5667	5821	5490	5659	2.92	cps
Lithium	6-1	3418470	3329143	3293581	3347065	1.92	cps
Magnesium	24-2	2250	2180	2280	2237	2.29	cps
Manganese	55-2	2617	2464	2620	2567	3.49	cps
Molybdenum	94-1	1050	1080	1040	1057	1.97	cps
Molybdenum	95-1	143	127	137	136	6.19	cps
Molybdenum	96-1	347	353	347	349	1.10	cps
Molybdenum	97-1	73	87	100	87	15.39	cps
Molybdenum	98-1	220	243	220	228	5.92	cps
Neodymium	150-1	13	3	20	12	68.66	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	1433	1590	1500	1508	5.21	cps
Phosphorus	31-2	227	173	223	208	14.38	cps
Potassium	39-2	68168	67944	68845	68319	0.69	cps
Rhodium	103-1	27157397	27329057	26918328	27134927	0.76	cps
Rhodium	103-2	15805273	15729847	15830573	15788564	0.33	cps
Scandium	45-1	15570451	15577976	15481784	15543404	0.34	cps
Scandium	45-2	1174565	1179957	1177609	1177377	0.23	cps
Selenium	82-1	1752	1727	1902	1794	5.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	467	500	523	497	5.73	cps
Silicon	28-1	1595691	1588108	1599262	1594353	0.36	cps
Silver	107-1	320	297	257	291	11.00	cps
Silver	109-1	163	157	157	159	2.42	cps
Sodium	23-2	63219	61559	61629	62136	1.51	cps
Strontium	86-1	687	707	633	676	5.61	cps
Strontium	88-1	1247	1213	1337	1266	5.04	cps
Sulfur	34-1	305817	304952	305350	305373	0.14	cps
Terbium	159-1	31873226	32160944	32149754	32061308	0.51	cps
Terbium	159-2	21968000	21959306	21987021	21971442	0.06	cps
Thallium	203-1	263	330	283	292	11.71	cps
Thallium	205-1	677	767	803	749	8.70	cps
Tin	118-1	5818	6045	6375	6079	4.61	cps
Titanium	47-1	1267	1367	1223	1286	5.72	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:27:00

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	67	57	61	8.33	cps
Vanadium	51-2	37	50	37	41	18.72	cps
Yttrium	89-1	37864230	38010298	37507104	37793877	0.68	cps
Yttrium	89-2	9348903	9325722	9382290	9352305	0.30	cps
Zinc	66-2	3644	3674	3877	3732	3.40	cps
Zirconium	90-1	2967	2710	2740	2806	5.00	cps
Zirconium	91-1	640	600	517	586	10.75	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:33:31 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8686	8856	8606	8716	1.47	cps
Antimony	121-1	47277	47562	48632	47824	1.49	cps
Arsenic	75-2	1177	1343	1407	1309	9.08	cps
Barium	135-1	55615	57813	57027	56818	1.96	cps
Barium	137-1	96777	98760	100310	98616	1.80	cps
Beryllium	9-1	2678	2517	2611	2602	3.11	cps
Bismuth	209-1	17211752	17484244	17821107	17505701	1.74	cps
Bismuth	209-2	14732232	14728569	14696519	14719107	0.13	cps
Bromine	81-1	13987	14197	14267	14150	1.03	cps
Bromine	81-2	87	97	100	94	7.35	cps
Cadmium	108-1	500	507	583	530	8.74	cps
Cadmium	106-1	10564	10464	10417	10482	0.72	cps
Cadmium	111-1	13490	13575	13449	13504	0.48	cps
Calcium	43-1	32735	33684	33861	33427	1.81	cps
Calcium	44-1	586393	597288	598433	594038	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20741	20641	20554	20645	0.45	cps
Cobalt	59-2	16196	16252	16152	16200	0.31	cps
Copper	63-2	25405	24877	25091	25124	1.06	cps
Dysprosium	156-1	100	80	110	97	15.80	cps
Dysprosium	156-2	17	40	33	30	40.05	cps
Erbium	164-1	73	73	140	96	40.28	cps
Erbium	164-2	83	107	87	92	13.69	cps
Gadolinium	160-1	130	157	130	139	11.09	cps
Gadolinium	160-2	1143	1023	1223	1130	8.91	cps
Holmium	165-1	30113477	30478783	30862425	30484895	1.23	cps
Holmium	165-2	22257711	22090471	22196271	22181484	0.38	cps
Indium	115-1	26733622	27134864	27489830	27119439	1.40	cps
Indium	115-2	9701688	9521040	9543675	9588801	1.03	cps
Iron	56-2	476873	481597	479380	479283	0.49	cps
Iron	57-2	13436	13166	13479	13360	1.27	cps
Iron	54-2	29636	30043	29425	29702	1.06	cps
Krypton	83-1	313	310	347	323	6.27	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:33:31 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16070	16280	16033	16127	0.83	cps
Lead	207-1	13587	14067	14581	14079	3.53	cps
Lead	208-1	63903	65135	64864	64634	1.00	cps
Lithium	6-1	3293278	3416695	3424617	3378196	2.18	cps
Magnesium	24-2	371243	376531	372102	373292	0.76	cps
Manganese	55-2	9076	9280	9076	9144	1.28	cps
Molybdenum	94-1	50156	51373	51882	51137	1.73	cps
Molybdenum	95-1	60866	62439	62837	62047	1.68	cps
Molybdenum	96-1	67478	68617	68654	68249	0.98	cps
Molybdenum	97-1	38196	38260	38801	38419	0.87	cps
Molybdenum	98-1	98576	100096	101093	99922	1.27	cps
Neodymium	150-1	17	10	7	11	45.82	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	5638	5728	5855	5740	1.90	cps
Phosphorus	31-2	947	883	1070	967	9.82	cps
Potassium	39-2	548505	545422	546748	546892	0.28	cps
Rhodium	103-1	26477159	26531865	26884642	26631222	0.83	cps
Rhodium	103-2	15681107	15572801	15691142	15648350	0.42	cps
Scandium	45-1	15049466	15266613	15330405	15215495	0.97	cps
Scandium	45-2	1171830	1179748	1174314	1175297	0.34	cps
Selenium	82-1	3546	3660	3687	3631	2.06	cps
Selenium	77-2	167	157	170	164	4.22	cps
Selenium	78-2	1110	1107	1037	1084	3.82	cps
Silicon	28-1	1668838	1670761	1669160	1669586	0.06	cps
Silver	107-1	31608	33288	32733	32543	2.63	cps
Silver	109-1	29620	30672	30696	30330	2.03	cps
Sodium	23-2	636615	638178	641670	638821	0.41	cps
Strontium	86-1	8342	8513	8756	8537	2.43	cps
Strontium	88-1	66158	68304	68944	67802	2.15	cps
Sulfur	34-1	309469	311609	308855	309978	0.47	cps
Terbium	159-1	31564925	31329894	31780222	31558347	0.71	cps
Terbium	159-2	21835997	21998062	22250501	22028187	0.95	cps
Thallium	203-1	19294	19401	19971	19555	1.86	cps
Thallium	205-1	45663	46118	47479	46420	2.04	cps
Tin	118-1	103176	104761	104761	104233	0.88	cps
Titanium	47-1	15028	15221	15545	15264	1.71	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:33:31 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56405	56857	58042	57102	1.48	cps
Vanadium	51-2	40685	39836	39913	40144	1.17	cps
Yttrium	89-1	36513854	37296268	37138206	36982776	1.12	cps
Yttrium	89-2	9314947	9285537	9328787	9309757	0.24	cps
Zinc	66-2	9573	9443	9546	9521	0.72	cps
Zirconium	90-1	43544	44086	44283	43971	0.87	cps
Zirconium	91-1	9346	9420	9963	9577	3.52	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:36:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	462468	466401	456880	461916	1.04	cps
Antimony	121-1	1265062	1280320	1269257	1271546	0.62	cps
Arsenic	75-2	64365	64931	64208	64502	0.59	cps
Barium	135-1	1509188	1526155	1507116	1514153	0.69	cps
Barium	137-1	2616682	2637502	2630445	2628209	0.40	cps
Beryllium	9-1	132482	133720	134857	133686	0.89	cps
Bismuth	209-1	18966933	18639352	18643265	18749850	1.00	cps
Bismuth	209-2	15254301	15193488	15349308	15265699	0.51	cps
Bromine	81-1	14284	14501	14667	14484	1.33	cps
Bromine	81-2	67	133	80	93	37.80	cps
Cadmium	108-1	25993	25432	25900	25775	1.17	cps
Cadmium	106-1	47126	46772	46581	46826	0.59	cps
Cadmium	111-1	354667	357201	355219	355695	0.37	cps
Calcium	43-1	360191	361883	357943	360006	0.55	cps
Calcium	44-1	5736267	5730472	5660960	5709233	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488720	487460	493310	489830	0.63	cps
Cobalt	59-2	800494	799043	790416	796651	0.68	cps
Copper	63-2	6056338	6048323	6040587	6048416	0.13	cps
Dysprosium	156-1	123	120	117	120	2.78	cps
Dysprosium	156-2	110	127	90	109	16.86	cps
Erbium	164-1	167	193	163	174	9.43	cps
Erbium	164-2	90	100	97	96	5.33	cps
Gadolinium	160-1	150	137	207	164	22.60	cps
Gadolinium	160-2	1157	1260	1193	1203	4.35	cps
Holmium	165-1	33469404	32497230	32326691	32764441	1.88	cps
Holmium	165-2	23187394	22765930	22906596	22953307	0.93	cps
Indium	115-1	29617648	28803265	28872234	29097716	1.55	cps
Indium	115-2	9961983	9959962	9932940	9951628	0.16	cps
Iron	56-2	22393236	22356129	22091755	22280373	0.74	cps
Iron	57-2	582686	578708	582697	581364	0.40	cps
Iron	54-2	1270036	1298116	1266344	1278165	1.36	cps
Krypton	83-1	433	380	333	382	13.09	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:36:47 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4195827	4146216	4176233	4172759	0.60	cps
Lead	207-1	3711014	3629014	3637661	3659230	1.23	cps
Lead	208-1	16822851	16588403	16583848	16665034	0.82	cps
Lithium	6-1	3713483	3628388	3602999	3648290	1.59	cps
Magnesium	24-2	4003345	4018427	3905982	3975918	1.54	cps
Manganese	55-2	3712360	3714495	3642620	3689825	1.11	cps
Molybdenum	94-1	4666134	4683617	4645370	4665040	0.41	cps
Molybdenum	95-1	6756220	6759662	6688759	6734880	0.59	cps
Molybdenum	96-1	7340037	7368430	7245947	7318138	0.88	cps
Molybdenum	97-1	4132870	4207479	4183616	4174655	0.91	cps
Molybdenum	98-1	10703004	10853063	10708739	10754935	0.79	cps
Neodymium	150-1	70	113	107	97	24.14	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	210006	209781	207354	209047	0.70	cps
Phosphorus	31-2	24029	23241	23996	23755	1.88	cps
Potassium	39-2	2515517	2576024	2511252	2534264	1.43	cps
Rhodium	103-1	28625491	28223676	27820511	28223226	1.43	cps
Rhodium	103-2	16178736	16064588	16308656	16183993	0.75	cps
Scandium	45-1	16736808	16235681	16148360	16373616	1.94	cps
Scandium	45-2	1198633	1220611	1203805	1207683	0.95	cps
Selenium	82-1	22142	22452	22474	22356	0.83	cps
Selenium	77-2	1820	1900	1907	1876	2.57	cps
Selenium	78-2	7165	7102	6888	7052	2.06	cps
Silicon	28-1	3571643	3584561	3623384	3593196	0.75	cps
Silver	107-1	1753855	1747657	1727731	1743081	0.78	cps
Silver	109-1	1649991	1656004	1666431	1657475	0.50	cps
Sodium	23-2	6273144	6560262	6225916	6353107	2.85	cps
Strontium	86-1	404999	410006	405197	406734	0.70	cps
Strontium	88-1	3581496	3606021	3558464	3581994	0.66	cps
Sulfur	34-1	401275	404412	402498	402728	0.39	cps
Terbium	159-1	34166178	33389374	33596709	33717420	1.19	cps
Terbium	159-2	22842107	22840342	22351108	22677852	1.25	cps
Thallium	203-1	1047939	1053205	1044461	1048535	0.42	cps
Thallium	205-1	2515996	2477026	2451190	2481404	1.31	cps
Tin	118-1	1075539	1075267	1067108	1072638	0.45	cps
Titanium	47-1	1639939	1661411	1641051	1647467	0.73	cps

LB Number :LB133433

Operator :Jaswal

Lab Sample ID :S03

Instrumnet Name :P7

Client Sample ID :S03

Dilution Factor :1

Date & Time Acquired :2024-11-13 13:36:47

DataFile Name :007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3185884	3164215	3140346	3163482	0.72	cps
Vanadium	51-2	416698	408302	408027	411009	1.20	cps
Yttrium	89-1	40755782	39466114	38845824	39689240	2.45	cps
Yttrium	89-2	9766055	9431261	9588119	9595145	1.75	cps
Zinc	66-2	987054	971015	980998	979689	0.83	cps
Zirconium	90-1	2247128	2265609	2266943	2259893	0.49	cps
Zirconium	91-1	491972	498003	494241	494739	0.62	cps

LB Number :LB133433Operator :Jaswal

Lab Sample ID :S04Instrumnet Name :P7

Client Sample ID :S04Dilution Factor :1

Date & Time Acquired :2024-11-13 13:39:42DataFile Name :008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1106373	1109286	1098716	1104792	0.49	cps
Antimony	121-1	3157616	3143644	3150494	3150585	0.22	cps
Arsenic	75-2	157439	156132	156946	156839	0.42	cps
Barium	135-1	3750132	3813662	3741731	3768508	1.04	cps
Barium	137-1	6397823	6461850	6421776	6427150	0.50	cps
Beryllium	9-1	318684	323216	318554	320151	0.83	cps
Bismuth	209-1	18589923	18130998	18214100	18311673	1.34	cps
Bismuth	209-2	15139044	14923619	14801890	14954851	1.14	cps
Bromine	81-1	13900	14447	14154	14167	1.93	cps
Bromine	81-2	137	90	120	116	20.47	cps
Cadmium	108-1	62718	63049	62350	62706	0.56	cps
Cadmium	106-1	97316	97239	96897	97151	0.23	cps
Cadmium	111-1	846938	854267	850955	850720	0.43	cps
Calcium	43-1	855979	856533	849823	854112	0.44	cps
Calcium	44-1	13561249	13548200	13425574	13511674	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1166199	1157894	1156184	1160092	0.46	cps
Cobalt	59-2	1908287	1930315	1924214	1920939	0.59	cps
Copper	63-2	14434721	14504870	14404177	14447922	0.36	cps
Dysprosium	156-1	130	153	133	139	9.09	cps
Dysprosium	156-2	180	187	207	191	7.26	cps
Erbium	164-1	190	163	173	176	7.67	cps
Erbium	164-2	150	123	97	123	21.62	cps
Gadolinium	160-1	160	180	163	168	6.39	cps
Gadolinium	160-2	1173	1227	1177	1192	2.51	cps
Holmium	165-1	32617498	32407710	31277466	32100891	2.25	cps
Holmium	165-2	22408881	22483836	22113996	22335571	0.88	cps
Indium	115-1	28982447	28451745	27926011	28453401	1.86	cps
Indium	115-2	9808686	9650764	9691360	9716937	0.84	cps
Iron	56-2	54759446	54071986	54189251	54340228	0.68	cps
Iron	57-2	1361503	1362386	1348175	1357355	0.59	cps
Iron	54-2	3009907	2999243	3005708	3004953	0.18	cps
Krypton	83-1	317	400	353	357	11.71	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:39:42 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10181152	10158237	9925889	10088426	1.40	cps
Lead	207-1	8922083	8889950	8793069	8868367	0.76	cps
Lead	208-1	40509738	40636655	40103779	40416724	0.69	cps
Lithium	6-1	3613529	3545447	3474626	3544534	1.96	cps
Magnesium	24-2	9730223	9747765	9613640	9697210	0.75	cps
Manganese	55-2	8961291	8764331	8773694	8833106	1.26	cps
Molybdenum	94-1	11312369	11193220	11266710	11257433	0.53	cps
Molybdenum	95-1	16468688	16399178	16343174	16403680	0.38	cps
Molybdenum	96-1	17838908	17690790	17823103	17784267	0.46	cps
Molybdenum	97-1	10131981	10174472	10184499	10163651	0.27	cps
Molybdenum	98-1	25871750	26292739	26019608	26061365	0.82	cps
Neodymium	150-1	167	207	167	180	12.83	cps
Neodymium	150-2	60	50	43	51	16.42	cps
Nickel	60-2	552095	546688	545527	548103	0.64	cps
Phosphorus	31-2	58096	57176	56752	57341	1.20	cps
Potassium	39-2	5994638	6069182	5920081	5994634	1.24	cps
Rhodium	103-1	27731800	27503645	27298036	27511161	0.79	cps
Rhodium	103-2	15723460	15658421	15549730	15643870	0.56	cps
Scandium	45-1	16180929	15945731	15625568	15917409	1.75	cps
Scandium	45-2	1183640	1197969	1175403	1185670	0.96	cps
Selenium	82-1	51779	51793	51415	51662	0.41	cps
Selenium	77-2	4374	4731	4637	4581	4.04	cps
Selenium	78-2	16019	15882	15588	15830	1.39	cps
Silicon	28-1	5953311	5983735	5984921	5973989	0.30	cps
Silver	107-1	4218533	4304485	4222715	4248578	1.14	cps
Silver	109-1	4012507	4049726	4020158	4027463	0.49	cps
Sodium	23-2	15678348	15500741	15156126	15445072	1.72	cps
Strontium	86-1	991283	995572	985246	990701	0.52	cps
Strontium	88-1	8715585	8720198	8621679	8685821	0.64	cps
Sulfur	34-1	527335	529724	523136	526732	0.63	cps
Terbium	159-1	33670670	33457346	32640434	33256150	1.64	cps
Terbium	159-2	22427999	22380100	22156972	22321690	0.65	cps
Thallium	203-1	2600284	2574639	2516660	2563861	1.67	cps
Thallium	205-1	6126131	6147107	6007819	6093686	1.23	cps
Tin	118-1	2616713	2615471	2555049	2595744	1.36	cps
Titanium	47-1	3936876	3992684	3918840	3949467	0.97	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:39:42

DataFile Name :

008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7545091	7728231	7650086	7641136	1.20	cps
Vanadium	51-2	995361	991697	984064	990374	0.58	cps
Yttrium	89-1	39139667	38633704	38293252	38688874	1.10	cps
Yttrium	89-2	9350077	9428995	9242810	9340628	1.00	cps
Zinc	66-2	2334153	2319495	2337869	2330505	0.42	cps
Zirconium	90-1	5506792	5488118	5488712	5494541	0.19	cps
Zirconium	91-1	1197337	1208451	1197095	1200961	0.54	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:42:28 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2223520	2249435	2258069	2243674	0.80	cps
Antimony	121-1	6119902	6185552	6196427	6167294	0.67	cps
Arsenic	75-2	308514	307453	303525	306497	0.86	cps
Barium	135-1	7297829	7374938	7353860	7342209	0.54	cps
Barium	137-1	12643180	12444558	12576463	12554734	0.81	cps
Beryllium	9-1	626338	626652	626257	626416	0.03	cps
Bismuth	209-1	17861108	17866768	17863917	17863931	0.02	cps
Bismuth	209-2	14967304	14834440	14599139	14800294	1.26	cps
Bromine	81-1	14160	13626	13269	13685	3.28	cps
Bromine	81-2	117	120	163	133	19.53	cps
Cadmium	108-1	120993	121164	122287	121481	0.58	cps
Cadmium	106-1	178674	180425	180523	179874	0.58	cps
Cadmium	111-1	1632728	1642490	1641756	1638991	0.33	cps
Calcium	43-1	1638601	1611032	1600389	1616674	1.22	cps
Calcium	44-1	26556446	26044315	26271507	26290756	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2292680	2277257	2284749	2284895	0.34	cps
Cobalt	59-2	3720965	3701563	3712655	3711728	0.26	cps
Copper	63-2	28341391	27884916	27716705	27981004	1.16	cps
Dysprosium	156-1	207	213	210	210	1.59	cps
Dysprosium	156-2	383	387	327	366	9.23	cps
Erbium	164-1	230	193	207	210	8.84	cps
Erbium	164-2	133	190	133	152	21.49	cps
Gadolinium	160-1	227	220	187	211	10.15	cps
Gadolinium	160-2	1243	1270	1237	1250	1.41	cps
Holmium	165-1	30810668	31271078	31171417	31084388	0.78	cps
Holmium	165-2	22773193	22508922	22115310	22465808	1.47	cps
Indium	115-1	27230719	27856160	27597775	27561552	1.14	cps
Indium	115-2	9562831	9418615	9407276	9462907	0.92	cps
Iron	56-2	105944372	106038795	104501158	105494775	0.82	cps
Iron	57-2	2640361	2660173	2623203	2641246	0.70	cps
Iron	54-2	5855666	5883156	5820676	5853166	0.54	cps
Krypton	83-1	327	377	320	341	9.08	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:42:28 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19871851	19957454	19945339	19924882	0.23	cps
Lead	207-1	17300513	17606287	17540280	17482360	0.92	cps
Lead	208-1	79511488	80180828	80247762	79980026	0.51	cps
Lithium	6-1	3427030	3490080	3429606	3448905	1.03	cps
Magnesium	24-2	19160888	19268088	19020099	19149692	0.65	cps
Manganese	55-2	17381863	17540517	17248156	17390179	0.84	cps
Molybdenum	94-1	22258835	22180022	22004164	22147674	0.59	cps
Molybdenum	95-1	32480784	32228263	32249555	32319534	0.43	cps
Molybdenum	96-1	35017886	34996603	35140358	35051616	0.22	cps
Molybdenum	97-1	20051968	20151014	19982168	20061717	0.42	cps
Molybdenum	98-1	51863829	51519904	51379204	51587646	0.48	cps
Neodymium	150-1	313	353	323	330	6.31	cps
Neodymium	150-2	70	100	70	80	21.65	cps
Nickel	60-2	1054921	1044216	1046348	1048495	0.54	cps
Phosphorus	31-2	110015	111456	109975	110482	0.76	cps
Potassium	39-2	11608864	11585231	11477012	11557036	0.61	cps
Rhodium	103-1	26414419	26475265	26504511	26464732	0.17	cps
Rhodium	103-2	15442846	15231762	15047574	15240727	1.30	cps
Scandium	45-1	15257028	15298369	15269009	15274802	0.14	cps
Scandium	45-2	1169702	1175373	1156108	1167061	0.85	cps
Selenium	82-1	98325	98664	98074	98354	0.30	cps
Selenium	77-2	8836	9070	8366	8757	4.09	cps
Selenium	78-2	30147	30154	29476	29926	1.30	cps
Silicon	28-1	9382128	9368423	9226650	9325734	0.92	cps
Silver	107-1	8211230	8235938	8176849	8208006	0.36	cps
Silver	109-1	7733880	7744173	7838662	7772238	0.74	cps
Sodium	23-2	30603471	30504373	30256305	30454716	0.59	cps
Strontium	86-1	1960596	1969129	1946844	1958856	0.57	cps
Strontium	88-1	17147388	16978665	17139319	17088457	0.56	cps
Sulfur	34-1	721830	720988	723618	722145	0.19	cps
Terbium	159-1	32211383	32794612	32584665	32530220	0.91	cps
Terbium	159-2	22285501	22027316	22060721	22124513	0.63	cps
Thallium	203-1	5054991	5018010	5026464	5033155	0.38	cps
Thallium	205-1	11975049	11953717	11979617	11969461	0.12	cps
Tin	118-1	5075531	5081557	5153958	5103682	0.86	cps
Titanium	47-1	7695222	7720639	7729664	7715175	0.23	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:42:28 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15293059	15303770	15176489	15257773	0.46	cps
Vanadium	51-2	1979031	1955793	1961551	1965458	0.62	cps
Yttrium	89-1	36888474	37362258	37557818	37269517	0.92	cps
Yttrium	89-2	9276979	9258150	9053902	9196344	1.35	cps
Zinc	66-2	4530536	4514433	4576195	4540388	0.71	cps
Zirconium	90-1	10711369	10663060	10612967	10662465	0.46	cps
Zirconium	91-1	2390818	2391670	2371581	2384690	0.48	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:45:14 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4404633	4308504	4351155	4354764	1.11	cps
Antimony	121-1	12080578	11961882	12024928	12022463	0.49	cps
Arsenic	75-2	596033	589710	587721	591155	0.73	cps
Barium	135-1	14539610	14496181	14516136	14517309	0.15	cps
Barium	137-1	25020653	24961305	24684322	24888760	0.72	cps
Beryllium	9-1	1270190	1282428	1273876	1275498	0.49	cps
Bismuth	209-1	17672052	18049936	17552944	17758311	1.46	cps
Bismuth	209-2	14640701	14386690	14677975	14568455	1.09	cps
Bromine	81-1	13450	13096	13149	13232	1.44	cps
Bromine	81-2	117	117	117	117	0.00	cps
Cadmium	108-1	233876	234573	235880	234777	0.43	cps
Cadmium	106-1	338631	339005	339004	338880	0.06	cps
Cadmium	111-1	3150633	3233502	3166029	3183388	1.38	cps
Calcium	43-1	3129277	3097519	3154077	3126958	0.91	cps
Calcium	44-1	50789066	50868748	50362763	50673525	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4442068	4469358	4397462	4436296	0.82	cps
Cobalt	59-2	7314758	7142661	7147104	7201508	1.36	cps
Copper	63-2	54213363	54341556	54334413	54296444	0.13	cps
Dysprosium	156-1	263	290	243	266	8.82	cps
Dysprosium	156-2	610	743	680	678	9.84	cps
Erbium	164-1	287	230	217	244	15.21	cps
Erbium	164-2	163	197	213	191	13.32	cps
Gadolinium	160-1	300	267	260	276	7.78	cps
Gadolinium	160-2	1190	1127	1230	1182	4.41	cps
Holmium	165-1	31585655	31906658	31990705	31827673	0.67	cps
Holmium	165-2	22658987	22221816	22513251	22464684	0.99	cps
Indium	115-1	27129563	27185302	27067608	27127491	0.22	cps
Indium	115-2	9275435	9269594	9202782	9249270	0.44	cps
Iron	56-2	206250097	205636997	206191210	206026101	0.16	cps
Iron	57-2	5217240	5152163	5091225	5153543	1.22	cps
Iron	54-2	11347742	11414162	11348867	11370257	0.33	cps
Krypton	83-1	357	253	263	291	19.58	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:45:14 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39170447	39610200	39742805	39507817	0.76	cps
Lead	207-1	34344154	34855022	34586590	34595256	0.74	cps
Lead	208-1	157182874	159016419	157393894	157864396	0.64	cps
Lithium	6-1	3502677	3510274	3465990	3492981	0.68	cps
Magnesium	24-2	37234151	37293734	37522140	37350008	0.41	cps
Manganese	55-2	33432191	34118564	33736519	33762424	1.02	cps
Molybdenum	94-1	43328008	43265538	42995974	43196507	0.41	cps
Molybdenum	95-1	63240109	62674151	63023597	62979286	0.45	cps
Molybdenum	96-1	67916161	68764869	68522572	68401201	0.64	cps
Molybdenum	97-1	39200606	39108648	39047233	39118829	0.20	cps
Molybdenum	98-1	101366845	101257845	100775435	101133375	0.31	cps
Neodymium	150-1	557	580	543	560	3.31	cps
Neodymium	150-2	127	123	93	114	16.05	cps
Nickel	60-2	1911173	1867453	1868806	1882477	1.32	cps
Phosphorus	31-2	217473	216309	213291	215691	1.00	cps
Potassium	39-2	22735953	22711629	22251816	22566466	1.21	cps
Rhodium	103-1	26047816	25898595	25575328	25840580	0.93	cps
Rhodium	103-2	15045697	14867071	14872229	14928332	0.68	cps
Scandium	45-1	15191036	15114519	14950639	15085398	0.81	cps
Scandium	45-2	1157888	1148794	1153619	1153434	0.39	cps
Selenium	82-1	186746	188053	187787	187529	0.37	cps
Selenium	77-2	17307	17277	17434	17339	0.48	cps
Selenium	78-2	58140	57508	57725	57791	0.56	cps
Silicon	28-1	13995306	13886438	13993107	13958284	0.45	cps
Silver	107-1	15965170	15866044	15927731	15919648	0.31	cps
Silver	109-1	15049724	15315447	15229460	15198210	0.89	cps
Sodium	23-2	59827604	59364906	59503724	59565411	0.40	cps
Strontium	86-1	3900154	3908139	3828340	3878878	1.13	cps
Strontium	88-1	33838513	33472081	33558940	33623178	0.57	cps
Sulfur	34-1	1229890	1227545	1188720	1215385	1.90	cps
Terbium	159-1	33090180	32665728	32815680	32857196	0.66	cps
Terbium	159-2	22229508	22161761	22077959	22156409	0.34	cps
Thallium	203-1	9997539	9902232	10010012	9969927	0.59	cps
Thallium	205-1	23864035	23785433	23849975	23833148	0.18	cps
Tin	118-1	9952485	10026018	10012944	9997149	0.39	cps
Titanium	47-1	15036583	15071253	14967061	15024966	0.35	cps

LB Number :LB133433

Operator :Jaswal

Lab Sample ID :S06

Instrumnet Name :P7

Client Sample ID :S06

Dilution Factor :1

Date & Time Acquired :2024-11-13 13:45:14

DataFile Name :010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30919420	30670204	30511447	30700357	0.67	cps
Vanadium	51-2	3867937	3820187	3845989	3844704	0.62	cps
Yttrium	89-1	37483133	37204947	37057917	37248666	0.58	cps
Yttrium	89-2	9158431	9021592	9035726	9071916	0.83	cps
Zinc	66-2	8742350	8829592	8748182	8773375	0.56	cps
Zirconium	90-1	21259764	21085393	21055453	21133536	0.52	cps
Zirconium	91-1	4688280	4618179	4656267	4654242	0.75	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:47:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8881305	8883348	8889694	8884783	0.05	cps
Antimony	121-1	23561667	24581709	24446145	24196507	2.29	cps
Arsenic	75-2	1203960	1209906	1210686	1208184	0.30	cps
Barium	135-1	28456325	29404570	29573064	29144653	2.07	cps
Barium	137-1	48993714	50204334	50322598	49840215	1.48	cps
Beryllium	9-1	2451356	2544222	2580860	2525480	2.64	cps
Bismuth	209-1	18645762	18328004	17959590	18311119	1.88	cps
Bismuth	209-2	14445505	14595018	14698746	14579756	0.87	cps
Bromine	81-1	13907	13616	13226	13583	2.51	cps
Bromine	81-2	157	133	130	140	10.38	cps
Cadmium	108-1	450815	467061	467765	461880	2.08	cps
Cadmium	106-1	634263	665924	667821	656003	2.87	cps
Cadmium	111-1	6198792	6369326	6302487	6290202	1.37	cps
Calcium	43-1	6002901	6272588	6328093	6201194	2.81	cps
Calcium	44-1	97320595	103010548	102118422	100816522	3.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8949024	8987167	9007600	8981263	0.33	cps
Cobalt	59-2	14760111	14747242	14585347	14697567	0.66	cps
Copper	63-2	107633312	108825595	108473235	108310714	0.57	cps
Dysprosium	156-1	523	513	413	483	12.59	cps
Dysprosium	156-2	1263	1273	1373	1303	4.67	cps
Erbium	164-1	403	323	450	392	16.33	cps
Erbium	164-2	257	253	243	251	2.76	cps
Gadolinium	160-1	423	403	387	404	4.54	cps
Gadolinium	160-2	1350	1310	1313	1325	1.68	cps
Holmium	165-1	33490260	32714319	32331802	32845460	1.80	cps
Holmium	165-2	22931759	22916529	22997928	22948739	0.19	cps
Indium	115-1	27994056	27557428	27075023	27542169	1.67	cps
Indium	115-2	9299171	9140215	9332456	9257281	1.11	cps
Iron	56-2	414550847	418066514	418984314	417200558	0.56	cps
Iron	57-2	10421446	10473429	10537954	10477610	0.56	cps
Iron	54-2	22972680	23098582	23114600	23061954	0.34	cps
Krypton	83-1	387	340	360	362	6.46	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:47:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77975077	79714242	79400320	79029880	1.17	cps
Lead	207-1	67899326	69650064	69125806	68891732	1.30	cps
Lead	208-1	309942720	318417557	318186224	315515500	1.53	cps
Lithium	6-1	3662327	3490502	3485221	3546017	2.84	cps
Magnesium	24-2	77652262	77016777	77380484	77349841	0.41	cps
Manganese	55-2	68472637	69398594	69084401	68985211	0.68	cps
Molybdenum	94-1	83887692	87869329	88496755	86751259	2.88	cps
Molybdenum	95-1	123326565	127963528	127245171	126178421	1.98	cps
Molybdenum	96-1	133795565	137904945	137991821	136564110	1.76	cps
Molybdenum	97-1	76536507	79098617	79744125	78459750	2.16	cps
Molybdenum	98-1	196950184	204065144	205386117	202133815	2.24	cps
Neodymium	150-1	1113	1097	1183	1131	4.07	cps
Neodymium	150-2	287	287	310	294	4.58	cps
Nickel	60-2	3785367	3776330	3743455	3768384	0.59	cps
Phosphorus	31-2	438883	441960	437245	439363	0.54	cps
Potassium	39-2	45418526	46023878	45534799	45659068	0.70	cps
Rhodium	103-1	26593308	26313411	26051254	26319324	1.03	cps
Rhodium	103-2	15098385	14943989	15013256	15018543	0.51	cps
Scandium	45-1	15453784	15513120	15274027	15413644	0.81	cps
Scandium	45-2	1174409	1177931	1171539	1174627	0.27	cps
Selenium	82-1	359799	374454	379490	371247	2.76	cps
Selenium	77-2	35095	34497	34801	34798	0.86	cps
Selenium	78-2	117162	117045	117189	117132	0.07	cps
Silicon	28-1	28755149	29730121	29170440	29218570	1.67	cps
Silver	107-1	30631525	31598655	31737780	31322653	1.92	cps
Silver	109-1	28983201	29882180	30174105	29679828	2.09	cps
Sodium	23-2	119563158	120174615	120984538	120240770	0.59	cps
Strontium	86-1	7506846	7782677	7777695	7689073	2.05	cps
Strontium	88-1	64433534	67525032	67681582	66546716	2.75	cps
Sulfur	34-1	2020600	2078138	2031801	2043513	1.49	cps
Terbium	159-1	34439477	33724394	33853860	34005910	1.12	cps
Terbium	159-2	22368721	22331467	22506526	22402238	0.41	cps
Thallium	203-1	19541552	20363332	20374098	20092994	2.38	cps
Thallium	205-1	47105813	48541478	48494288	48047193	1.70	cps
Tin	118-1	19524267	20194355	20107875	19942166	1.83	cps
Titanium	47-1	28842905	30549750	30317681	29903445	3.10	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 13:47:58

DataFile Name :

011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60104897	62848929	62403122	61785650	2.38	cps
Vanadium	51-2	7869706	7756051	7867772	7831176	0.83	cps
Yttrium	89-1	38630590	38254468	37581487	38155515	1.39	cps
Yttrium	89-2	9247489	9350159	9331297	9309648	0.59	cps
Zinc	66-2	17446731	17520450	17431196	17466126	0.27	cps
Zirconium	90-1	40762726	43133471	42544984	42147060	2.93	cps
Zirconium	91-1	8983657	9436071	9561280	9327003	3.26	cps

LB Number :LB133433Operator :Jaswal

Lab Sample ID :S08Instrumnet Name :P7

Client Sample ID :S08Dilution Factor :1

Date & Time Acquired :2024-11-13 13:50:45DataFile Name :012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41558759	41451992	42427698	41812816	1.28	cps
Antimony	121-1	13576	13883	17194	14885	13.48	cps
Arsenic	75-2	640	610	607	619	2.97	cps
Barium	135-1	13056	10891	10447	11465	12.18	cps
Barium	137-1	22187	19016	18115	19773	10.82	cps
Beryllium	9-1	617	517	356	496	26.54	cps
Bismuth	209-1	14670524	14670316	14814231	14718357	0.56	cps
Bismuth	209-2	12155041	12323888	12240599	12239842	0.69	cps
Bromine	81-1	14374	15535	15208	15039	3.98	cps
Bromine	81-2	253	287	263	268	6.39	cps
Cadmium	108-1	223	150	170	181	20.93	cps
Cadmium	106-1	9080	8856	8936	8957	1.26	cps
Cadmium	111-1	7436	6871	6760	7022	5.17	cps
Calcium	43-1	26397520	27856711	28114602	27456278	3.37	cps
Calcium	44-1	429089180	459521740	464712646	451107856	4.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26664	28729	30797	28730	7.19	cps
Cobalt	59-2	34209	34794	35422	34808	1.74	cps
Copper	63-2	24483	24744	24200	24476	1.11	cps
Dysprosium	156-1	830	877	877	861	3.13	cps
Dysprosium	156-2	687	650	673	670	2.77	cps
Erbium	164-1	873	877	910	887	2.29	cps
Erbium	164-2	610	647	553	603	7.79	cps
Gadolinium	160-1	760	790	830	793	4.43	cps
Gadolinium	160-2	1617	1527	1570	1571	2.87	cps
Holmium	165-1	28372035	28471371	28573893	28472433	0.35	cps
Holmium	165-2	20794263	20821905	20826823	20814330	0.08	cps
Indium	115-1	23727284	23788894	24001190	23839123	0.60	cps
Indium	115-2	8688648	8573489	8787132	8683090	1.23	cps
Iron	56-2	1893651118	1913554211	1916753358	1907986229	0.66	cps
Iron	57-2	47035383	47404381	47619796	47353187	0.62	cps
Iron	54-2	101578478	102601668	103834472	102671540	1.10	cps
Krypton	83-1	340	507	403	417	20.19	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 13:50:45 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18880	12746	11191	14273	28.48	cps
Lead	207-1	16777	11118	9994	12630	28.79	cps
Lead	208-1	75101	50614	44889	56868	28.22	cps
Lithium	6-1	3026164	3046218	3113088	3061823	1.49	cps
Magnesium	24-2	337061782	341386155	342084788	340177575	0.80	cps
Manganese	55-2	33561	33964	33581	33702	0.68	cps
Molybdenum	94-1	28020	21342	20084	23149	18.43	cps
Molybdenum	95-1	26758	16006	14057	18940	36.12	cps
Molybdenum	96-1	46253	35700	32767	38240	18.55	cps
Molybdenum	97-1	16813	9647	8476	11645	38.76	cps
Molybdenum	98-1	42382	24811	21519	29571	37.93	cps
Neodymium	150-1	457	447	453	452	1.13	cps
Neodymium	150-2	287	257	320	288	11.01	cps
Nickel	60-2	16623	16623	16626	16624	0.01	cps
Phosphorus	31-2	387	393	373	384	2.65	cps
Potassium	39-2	213844910	215986383	218190863	216007386	1.01	cps
Rhodium	103-1	21743659	21569717	21840612	21717996	0.63	cps
Rhodium	103-2	13172435	13156767	13206735	13178646	0.19	cps
Scandium	45-1	13542134	13771950	13984668	13766251	1.61	cps
Scandium	45-2	1126669	1130401	1125898	1127656	0.21	cps
Selenium	82-1	1844	1769	1889	1834	3.32	cps
Selenium	77-2	17	7	20	14	48.02	cps
Selenium	78-2	537	550	483	523	6.74	cps
Silicon	28-1	1610809	1603156	1613585	1609184	0.34	cps
Silver	107-1	4594	2487	2290	3124	40.89	cps
Silver	109-1	4281	2687	2217	3061	35.33	cps
Sodium	23-2	561020018	563085418	561496818	561867418	0.19	cps
Strontium	86-1	20628	20257	21406	20764	2.82	cps
Strontium	88-1	174967	177787	178398	177051	1.03	cps
Sulfur	34-1	267100	271818	271082	270000	0.94	cps
Terbium	159-1	29172134	29249365	28961287	29127595	0.51	cps
Terbium	159-2	20377101	20515956	20440661	20444572	0.34	cps
Thallium	203-1	3234	1880	1530	2215	40.63	cps
Thallium	205-1	7752	4461	3561	5258	41.97	cps
Tin	118-1	16399	14918	14854	15391	5.68	cps
Titanium	47-1	5848	3190	2520	3853	45.68	cps

3

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:14:41 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215518	214724	214340	214861	0.28	cps
Antimony	121-1	4817166	4926772	4837222	4860387	1.20	cps
Arsenic	75-2	258479	258365	259823	258889	0.31	cps
Barium	135-1	575529	571610	573044	573395	0.35	cps
Barium	137-1	988284	991719	992241	990748	0.22	cps
Beryllium	9-1	253063	255926	254438	254476	0.56	cps
Bismuth	209-1	18224215	18163361	18299950	18229175	0.38	cps
Bismuth	209-2	15200773	15685338	15337778	15407963	1.62	cps
Bromine	81-1	15345	15678	15401	15475	1.15	cps
Bromine	81-2	207	160	153	173	16.76	cps
Cadmium	108-1	44501	43839	43970	44103	0.79	cps
Cadmium	106-1	69502	70185	69579	69755	0.54	cps
Cadmium	111-1	670566	676437	673947	673650	0.44	cps
Calcium	43-1	133521	134321	132042	133295	0.87	cps
Calcium	44-1	2186013	2174491	2161861	2174122	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	958429	957820	960337	958862	0.14	cps
Cobalt	59-2	1553117	1599449	1572145	1574904	1.48	cps
Copper	63-2	1115152	1105687	1107130	1109323	0.46	cps
Dysprosium	156-1	93	73	87	84	12.06	cps
Dysprosium	156-2	57	43	77	59	28.49	cps
Erbium	164-1	133	103	133	123	14.05	cps
Erbium	164-2	113	80	90	94	18.12	cps
Gadolinium	160-1	193	143	170	169	14.81	cps
Gadolinium	160-2	1193	1317	1260	1257	4.91	cps
Holmium	165-1	31576032	31392470	31569454	31512652	0.33	cps
Holmium	165-2	22882100	23328708	23056240	23089016	0.97	cps
Indium	115-1	28677885	28905837	29136194	28906639	0.79	cps
Indium	115-2	10198497	10267530	10198976	10221667	0.39	cps
Iron	56-2	17219806	17547478	17143243	17303509	1.24	cps
Iron	57-2	444942	443002	442874	443606	0.26	cps
Iron	54-2	1007852	996716	997906	1000825	0.61	cps
Krypton	83-1	317	363	353	344	7.13	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:14:41 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3156662	3200425	3129151	3162079	1.14	cps
Lead	207-1	2653933	2671877	2679811	2668540	0.50	cps
Lead	208-1	12377177	12367862	12410366	12385135	0.18	cps
Lithium	6-1	3597664	3551247	3502764	3550558	1.34	cps
Magnesium	24-2	847800	847900	843373	846358	0.31	cps
Manganese	55-2	715984	722762	714190	717645	0.63	cps
Molybdenum	94-1	1637	1763	1750	1717	4.05	cps
Molybdenum	95-1	463	417	410	430	6.76	cps
Molybdenum	96-1	1017	967	903	962	5.90	cps
Molybdenum	97-1	267	257	240	254	5.30	cps
Molybdenum	98-1	690	723	757	723	4.61	cps
Neodymium	150-1	53	33	33	40	28.87	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	416976	418788	419154	418306	0.28	cps
Phosphorus	31-2	230	230	260	240	7.22	cps
Potassium	39-2	1908206	1892873	1959386	1920155	1.81	cps
Rhodium	103-1	28500309	28241571	28212113	28317998	0.56	cps
Rhodium	103-2	16617080	16718683	16556216	16630659	0.49	cps
Scandium	45-1	16546680	16677543	16683597	16635940	0.47	cps
Scandium	45-2	1258797	1262378	1251107	1257427	0.46	cps
Selenium	82-1	83432	83165	83743	83446	0.35	cps
Selenium	77-2	8046	7932	8052	8010	0.84	cps
Selenium	78-2	26614	26841	26327	26594	0.97	cps
Silicon	28-1	1635836	1623878	1580309	1613341	1.81	cps
Silver	107-1	1631953	1643606	1615589	1630382	0.86	cps
Silver	109-1	1543044	1552063	1548848	1547985	0.30	cps
Sodium	23-2	2413648	2400950	2433184	2415928	0.67	cps
Strontium	86-1	2427	2440	2554	2474	2.81	cps
Strontium	88-1	16863	17497	17460	17274	2.06	cps
Sulfur	34-1	325639	323995	324790	324808	0.25	cps
Terbium	159-1	32709986	33070389	32763368	32847914	0.59	cps
Terbium	159-2	23179117	22941062	23212746	23110975	0.64	cps
Thallium	203-1	3865686	3866685	3861688	3864686	0.07	cps
Thallium	205-1	9142415	9289708	9214773	9215632	0.80	cps
Tin	118-1	4421	4167	4051	4213	4.49	cps
Titanium	47-1	1900	1877	2000	1926	3.40	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:14:41 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	60	77	68	12.38	cps
Vanadium	51-2	795026	792304	791437	792922	0.24	cps
Yttrium	89-1	39555921	39625809	39973757	39718496	0.56	cps
Yttrium	89-2	9827449	9931455	9813315	9857406	0.65	cps
Zinc	66-2	371756	370989	371478	371408	0.10	cps
Zirconium	90-1	3684	3891	4044	3873	4.67	cps
Zirconium	91-1	1243	1327	1310	1293	3.41	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:30:31 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	347	443	386	13.23	cps
Antimony	121-1	197	217	257	223	13.68	cps
Arsenic	75-2	17	20	10	16	32.73	cps
Barium	135-1	273	267	230	257	9.09	cps
Barium	137-1	437	410	413	420	3.46	cps
Beryllium	9-1	133	94	122	117	17.17	cps
Bismuth	209-1	18067958	18160447	18166316	18131574	0.30	cps
Bismuth	209-2	15568146	15346477	15554618	15489747	0.80	cps
Bromine	81-1	15645	15722	15715	15694	0.27	cps
Bromine	81-2	150	187	197	178	13.82	cps
Cadmium	108-1	30	27	27	28	6.92	cps
Cadmium	106-1	10264	9633	10170	10022	3.39	cps
Cadmium	111-1	7247	6785	7204	7078	3.61	cps
Calcium	43-1	797	823	857	826	3.64	cps
Calcium	44-1	63896	62366	64027	63430	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4974	4844	5051	4956	2.11	cps
Cobalt	59-2	347	310	363	340	8.02	cps
Copper	63-2	2297	2277	2370	2315	2.12	cps
Dysprosium	156-1	57	57	60	58	3.33	cps
Dysprosium	156-2	23	17	30	23	28.56	cps
Erbium	164-1	113	163	173	150	21.43	cps
Erbium	164-2	117	60	87	88	32.30	cps
Gadolinium	160-1	180	153	143	159	11.93	cps
Gadolinium	160-2	1293	1253	1263	1270	1.64	cps
Holmium	165-1	31930409	31642255	32050010	31874224	0.66	cps
Holmium	165-2	23431858	23212405	23126716	23256993	0.68	cps
Indium	115-1	29142911	29522639	29100476	29255342	0.79	cps
Indium	115-2	10339764	10312658	10378144	10343522	0.32	cps
Iron	56-2	75947	75967	75411	75775	0.42	cps
Iron	57-2	3080	2747	2757	2861	6.63	cps
Iron	54-2	6648	6241	6321	6404	3.37	cps
Krypton	83-1	313	337	370	340	8.38	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:30:31 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1547	1567	1570	1561	0.81	cps
Lead	207-1	1223	1287	1240	1250	2.63	cps
Lead	208-1	5774	5994	5914	5894	1.89	cps
Lithium	6-1	3582772	3460882	3534451	3526035	1.74	cps
Magnesium	24-2	3167	3250	3307	3241	2.17	cps
Manganese	55-2	1140	1053	1057	1083	4.53	cps
Molybdenum	94-1	1363	1340	1480	1395	5.38	cps
Molybdenum	95-1	107	107	157	123	23.41	cps
Molybdenum	96-1	397	357	363	372	5.76	cps
Molybdenum	97-1	63	107	113	94	28.75	cps
Molybdenum	98-1	133	177	197	169	19.17	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	27	13	10	17	52.93	cps
Nickel	60-2	4244	4474	4467	4395	2.98	cps
Phosphorus	31-2	217	203	210	210	3.17	cps
Potassium	39-2	74990	75523	74719	75077	0.54	cps
Rhodium	103-1	28614720	28535450	28672354	28607508	0.24	cps
Rhodium	103-2	16871675	16756931	16765317	16797974	0.38	cps
Scandium	45-1	16946724	16858015	17022399	16942379	0.49	cps
Scandium	45-2	1283025	1265482	1298247	1282251	1.28	cps
Selenium	82-1	2060	2093	2006	2053	2.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	550	537	490	526	6.00	cps
Silicon	28-1	1692426	1675699	1700417	1689514	0.75	cps
Silver	107-1	420	390	383	398	4.91	cps
Silver	109-1	277	330	270	292	11.25	cps
Sodium	23-2	52148	53101	53308	52852	1.17	cps
Strontium	86-1	707	620	580	636	10.19	cps
Strontium	88-1	657	550	490	566	14.93	cps
Sulfur	34-1	331366	330512	329258	330379	0.32	cps
Terbium	159-1	33408113	32506816	32865082	32926670	1.38	cps
Terbium	159-2	22821640	22871587	23020095	22904441	0.45	cps
Thallium	203-1	453	370	480	434	13.21	cps
Thallium	205-1	1157	1153	1007	1106	7.75	cps
Tin	118-1	4427	4131	4151	4236	3.92	cps
Titanium	47-1	2154	2144	2254	2184	2.79	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:30:31

DataFile Name :

018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	40	13	26	52.73	cps
Vanadium	51-2	30	13	17	20	44.10	cps
Yttrium	89-1	40482382	40114819	40511107	40369436	0.55	cps
Yttrium	89-2	10106099	10072663	10160710	10113157	0.44	cps
Zinc	66-2	2784	2754	2620	2719	3.20	cps
Zirconium	90-1	3811	3594	3914	3773	4.33	cps
Zirconium	91-1	793	800	900	831	7.19	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:33:46 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41033264	41223264	41432170	41229566	0.48	cps
Antimony	121-1	26762	28224	28184	27723	3.01	cps
Arsenic	75-2	367	457	383	402	11.91	cps
Barium	135-1	8486	8729	8596	8604	1.42	cps
Barium	137-1	14221	14521	14618	14453	1.43	cps
Beryllium	9-1	750	844	800	798	5.92	cps
Bismuth	209-1	17166653	16855076	17195124	17072284	1.10	cps
Bismuth	209-2	14197239	14184106	12790618	13723988	5.89	cps
Bromine	81-1	16903	16723	17263	16963	1.62	cps
Bromine	81-2	260	303	263	276	8.75	cps
Cadmium	108-1	4684	4334	4521	4513	3.88	cps
Cadmium	106-1	9503	9527	9477	9502	0.26	cps
Cadmium	111-1	9028	9089	8887	9001	1.15	cps
Calcium	43-1	6386961	6431550	6488987	6435832	0.79	cps
Calcium	44-1	103585028	105224695	105708085	104839270	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188384	190546	191648	190193	0.87	cps
Cobalt	59-2	19336	18929	19146	19137	1.06	cps
Copper	63-2	83947	84476	84554	84326	0.39	cps
Dysprosium	156-1	150	170	93	138	28.87	cps
Dysprosium	156-2	67	57	117	80	40.18	cps
Erbium	164-1	193	247	213	218	12.37	cps
Erbium	164-2	183	173	110	156	25.57	cps
Gadolinium	160-1	257	243	247	249	2.79	cps
Gadolinium	160-2	1160	1243	990	1131	11.42	cps
Holmium	165-1	31389270	31373467	31647896	31470211	0.49	cps
Holmium	165-2	22781962	22911438	20410963	22034788	6.39	cps
Indium	115-1	27402497	27536553	27764788	27567946	0.66	cps
Indium	115-2	9537058	9509098	8545208	9197121	6.14	cps
Iron	56-2	857109774	855785081	858008121	856967658	0.13	cps
Iron	57-2	21380656	21443173	21745667	21523165	0.91	cps
Iron	54-2	46503553	46968606	47217428	46896529	0.77	cps
Krypton	83-1	350	313	330	331	5.54	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:33:46 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75317	75143	74610	75023	0.49	cps
Lead	207-1	59905	59332	61003	60080	1.41	cps
Lead	208-1	282588	280147	282067	281601	0.46	cps
Lithium	6-1	3218150	3163444	3116432	3166009	1.61	cps
Magnesium	24-2	71470526	72485559	71101601	71685895	1.00	cps
Manganese	55-2	56228	58172	58279	57559	2.01	cps
Molybdenum	94-1	14158213	14344356	14711760	14404776	1.96	cps
Molybdenum	95-1	24912815	25368507	25654332	25311885	1.48	cps
Molybdenum	96-1	26425980	27027511	27405512	26953001	1.83	cps
Molybdenum	97-1	15288073	15753452	16031487	15691004	2.39	cps
Molybdenum	98-1	39448336	40733985	41344148	40508823	2.39	cps
Neodymium	150-1	87	90	113	97	15.03	cps
Neodymium	150-2	50	43	93	62	43.63	cps
Nickel	60-2	25141	24493	24780	24805	1.31	cps
Phosphorus	31-2	2167047	2213524	2215962	2198844	1.25	cps
Potassium	39-2	92649872	91525785	94427132	92867596	1.58	cps
Rhodium	103-1	25424880	25458355	25992935	25625390	1.24	cps
Rhodium	103-2	15277449	15179004	13465121	14640525	6.96	cps
Scandium	45-1	15675289	15479332	15453084	15535902	0.78	cps
Scandium	45-2	1184793	1174694	1034513	1131334	7.42	cps
Selenium	82-1	1940	1755	1812	1836	5.18	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	457	477	513	482	5.96	cps
Silicon	28-1	1717722	1694965	1706056	1706248	0.67	cps
Silver	107-1	840	757	787	794	5.31	cps
Silver	109-1	897	673	647	739	18.58	cps
Sodium	23-2	117440068	117712782	118646838	117933229	0.54	cps
Strontium	86-1	264822	273910	276370	271700	2.24	cps
Strontium	88-1	2329175	2387552	2428634	2381787	2.10	cps
Sulfur	34-1	8954354	8883585	8885829	8907923	0.45	cps
Terbium	159-1	31944652	32334407	32662535	32313865	1.11	cps
Terbium	159-2	22549656	22451452	19718366	21573158	7.45	cps
Thallium	203-1	2287	2220	2287	2265	1.70	cps
Thallium	205-1	5581	5168	5511	5420	4.08	cps
Tin	118-1	7709	7345	7902	7652	3.70	cps
Titanium	47-1	6207667	6308004	6381550	6299074	1.39	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:33:46 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1023	1097	1060	1060	3.46	cps
Vanadium	51-2	1513	1577	1490	1527	2.94	cps
Yttrium	89-1	38028376	37660915	38819935	38169742	1.55	cps
Yttrium	89-2	9497007	9466245	8492005	9151753	6.25	cps
Zinc	66-2	20654	20992	20751	20799	0.83	cps
Zirconium	90-1	3217	3557	3737	3504	7.54	cps
Zirconium	91-1	673	743	980	799	20.12	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:36:52 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40261654	41197038	40741719	40733470	1.15	cps
Antimony	121-1	524400	536252	537325	532659	1.35	cps
Arsenic	75-2	25649	26016	24954	25540	2.11	cps
Barium	135-1	127236	131538	130852	129875	1.78	cps
Barium	137-1	220830	225185	225244	223753	1.13	cps
Beryllium	9-1	46046	46102	46637	46261	0.71	cps
Bismuth	209-1	17372983	17264907	17796528	17478139	1.61	cps
Bismuth	209-2	14338635	14316033	14359114	14337927	0.15	cps
Bromine	81-1	18588	19747	19226	19187	3.02	cps
Bromine	81-2	653	580	597	610	6.30	cps
Cadmium	108-1	12365	12996	13019	12794	2.90	cps
Cadmium	106-1	21629	21843	22497	21990	2.06	cps
Cadmium	111-1	137057	140795	139333	139062	1.35	cps
Calcium	43-1	6460079	6627916	6547125	6545040	1.28	cps
Calcium	44-1	105758418	108524212	106973095	107085242	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377700	376955	374461	376372	0.45	cps
Cobalt	59-2	324003	322790	322347	323047	0.27	cps
Copper	63-2	295991	299044	295762	296932	0.62	cps
Dysprosium	156-1	127	130	103	120	12.11	cps
Dysprosium	156-2	100	60	93	84	25.38	cps
Erbium	164-1	183	233	273	230	19.60	cps
Erbium	164-2	187	147	150	161	13.78	cps
Gadolinium	160-1	200	247	283	243	17.17	cps
Gadolinium	160-2	1063	1113	1137	1104	3.39	cps
Holmium	165-1	32570868	32441965	33576655	32863163	1.89	cps
Holmium	165-2	22882405	22917481	22733524	22844470	0.43	cps
Indium	115-1	27943241	27843415	29031882	28272846	2.33	cps
Indium	115-2	9575353	9592367	9693837	9620519	0.67	cps
Iron	56-2	859837267	863332894	848769481	857313214	0.89	cps
Iron	57-2	21717544	21565523	21400252	21561106	0.74	cps
Iron	54-2	46426141	47280358	47104258	46936919	0.96	cps
Krypton	83-1	387	367	417	390	6.45	cps

LB Number :	LB133433	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-11-13 14:36:52	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	394685	405093	407425	402401	1.69	cps
Lead	207-1	333980	342824	342672	339825	1.49	cps
Lead	208-1	1538071	1571927	1580369	1563456	1.43	cps
Lithium	6-1	3056726	2855616	3024800	2979048	3.63	cps
Magnesium	24-2	70791746	71982864	70606974	71127194	1.05	cps
Manganese	55-2	198448	197078	197651	197726	0.35	cps
Molybdenum	94-1	14564371	14973564	15037489	14858475	1.73	cps
Molybdenum	95-1	25850373	26330977	26276431	26152594	1.01	cps
Molybdenum	96-1	27635412	28011985	28178073	27941823	1.00	cps
Molybdenum	97-1	16085188	16330662	16449337	16288396	1.14	cps
Molybdenum	98-1	41382603	41792595	42295443	41823547	1.09	cps
Neodymium	150-1	93	180	150	141	31.19	cps
Neodymium	150-2	60	70	73	68	10.24	cps
Nickel	60-2	100843	101766	101027	101212	0.48	cps
Phosphorus	31-2	2133958	2202094	2184031	2173361	1.62	cps
Potassium	39-2	92230452	91686825	92534692	92150656	0.47	cps
Rhodium	103-1	26097151	26345975	27605917	26683015	3.03	cps
Rhodium	103-2	15297854	15299099	15410826	15335926	0.42	cps
Scandium	45-1	15614805	15533370	16003287	15717154	1.60	cps
Scandium	45-2	1176853	1179198	1169329	1175126	0.44	cps
Selenium	82-1	9420	9591	9736	9583	1.65	cps
Selenium	77-2	700	730	693	708	2.76	cps
Selenium	78-2	2810	2914	2747	2824	2.98	cps
Silicon	28-1	1693486	1685584	1695564	1691545	0.31	cps
Silver	107-1	624547	638624	641100	634757	1.41	cps
Silver	109-1	592057	601990	606698	600248	1.25	cps
Sodium	23-2	116907475	117139575	118796985	117614678	0.88	cps
Strontium	86-1	280451	283288	286444	283394	1.06	cps
Strontium	88-1	2465925	2506453	2490802	2487727	0.82	cps
Sulfur	34-1	8829069	9140292	9076038	9015133	1.82	cps
Terbium	159-1	33056963	33329755	34378529	33588416	2.08	cps
Terbium	159-2	22894289	22763244	22757499	22805010	0.34	cps
Thallium	203-1	408978	418091	419339	415469	1.36	cps
Thallium	205-1	965204	977307	984231	975581	0.99	cps
Tin	118-1	8099	8586	8272	8319	2.97	cps
Titanium	47-1	6422878	6500718	6441070	6454889	0.63	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:36:52 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1027	1130	1130	1096	5.45	cps
Vanadium	51-2	158207	158169	158005	158127	0.07	cps
Yttrium	89-1	39020742	38909109	40349943	39426598	2.03	cps
Yttrium	89-2	9460474	9544430	9439967	9481623	0.58	cps
Zinc	66-2	57845	58123	58524	58164	0.59	cps
Zirconium	90-1	2740	2837	3004	2860	4.66	cps
Zirconium	91-1	623	683	653	653	4.59	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:41:04 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21277238	21098625	21452843	21276235	0.83	cps
Antimony	121-1	12462567	12447484	12320301	12410117	0.63	cps
Arsenic	75-2	638620	636441	636875	637312	0.18	cps
Barium	135-1	15155852	15004509	14864424	15008262	0.97	cps
Barium	137-1	25899654	25549910	25396560	25615375	1.01	cps
Beryllium	9-1	1178061	1193266	1180163	1183830	0.70	cps
Bismuth	209-1	17394524	17372900	17364096	17377173	0.09	cps
Bismuth	209-2	13843185	13846598	13818647	13836143	0.11	cps
Bromine	81-1	16890	16459	16506	16618	1.42	cps
Bromine	81-2	230	197	257	228	13.20	cps
Cadmium	108-1	249721	246144	247108	247658	0.75	cps
Cadmium	106-1	357986	357964	356072	357341	0.31	cps
Cadmium	111-1	3358310	3383564	3376015	3372630	0.38	cps
Calcium	43-1	16170913	16156121	15993539	16106858	0.61	cps
Calcium	44-1	263323243	266735963	264295609	264784938	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4469237	4531885	4460170	4487097	0.87	cps
Cobalt	59-2	7702477	7642989	7770688	7705385	0.83	cps
Copper	63-2	54947503	54965089	55477909	55130167	0.55	cps
Dysprosium	156-1	650	693	667	670	3.26	cps
Dysprosium	156-2	883	943	917	914	3.29	cps
Erbium	164-1	603	763	653	673	12.16	cps
Erbium	164-2	413	473	453	447	6.84	cps
Gadolinium	160-1	590	540	627	586	7.43	cps
Gadolinium	160-2	1320	1483	1357	1387	6.18	cps
Holmium	165-1	32970715	32848694	32030300	32616570	1.57	cps
Holmium	165-2	22918968	22647148	22490051	22685389	0.96	cps
Indium	115-1	28354124	27965401	27902837	28074121	0.87	cps
Indium	115-2	9509689	9442247	9355157	9435697	0.82	cps
Iron	56-2	1029771051	1018660411	1025208251	1024546571	0.55	cps
Iron	57-2	25353741	25673440	25522384	25516522	0.63	cps
Iron	54-2	54992458	56041194	56146389	55726680	1.14	cps
Krypton	83-1	377	370	400	382	4.12	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:41:04 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38871109	38985497	38686698	38847768	0.39	cps
Lead	207-1	33976802	33599710	34284403	33953638	1.01	cps
Lead	208-1	155879074	154267002	155902144	155349407	0.60	cps
Lithium	6-1	3094831	3164807	3071985	3110541	1.55	cps
Magnesium	24-2	177369064	178958784	178753724	178360524	0.48	cps
Manganese	55-2	34819072	34881585	34454617	34718425	0.66	cps
Molybdenum	94-1	46878021	46321914	46023019	46407652	0.93	cps
Molybdenum	95-1	67226891	66875512	66340244	66814216	0.67	cps
Molybdenum	96-1	72895896	72748484	72118421	72587600	0.57	cps
Molybdenum	97-1	41874842	41494968	41247232	41539014	0.76	cps
Molybdenum	98-1	107552922	106293198	106776848	106874323	0.59	cps
Neodymium	150-1	823	880	773	826	6.47	cps
Neodymium	150-2	207	240	263	237	12.03	cps
Nickel	60-2	1996901	1982028	1963732	1980887	0.84	cps
Phosphorus	31-2	213443	215159	214091	214231	0.40	cps
Potassium	39-2	110974655	111977002	112372018	111774558	0.64	cps
Rhodium	103-1	26693296	26177402	26182999	26351232	1.12	cps
Rhodium	103-2	14943532	14913794	14770977	14876101	0.62	cps
Scandium	45-1	16621781	16259225	16372850	16417952	1.13	cps
Scandium	45-2	1213627	1196343	1215705	1208558	0.88	cps
Selenium	82-1	203000	202556	200497	202018	0.66	cps
Selenium	77-2	18355	18125	18061	18180	0.85	cps
Selenium	78-2	61069	60105	60540	60571	0.80	cps
Silicon	28-1	13553791	13521461	13708829	13594693	0.74	cps
Silver	107-1	16713722	16713004	16479762	16635496	0.81	cps
Silver	109-1	15725464	15578898	15478756	15594372	0.80	cps
Sodium	23-2	281242689	283601122	284545096	283129636	0.60	cps
Strontium	86-1	4121047	4160485	4103534	4128355	0.71	cps
Strontium	88-1	36313899	36086785	35461041	35953908	1.23	cps
Sulfur	34-1	1254584	1253738	1253428	1253917	0.05	cps
Terbium	159-1	34128792	33799632	33659630	33862685	0.71	cps
Terbium	159-2	22470397	22542276	22575736	22529470	0.24	cps
Thallium	203-1	9896193	10151004	9747808	9931669	2.05	cps
Thallium	205-1	23353844	23456900	23070575	23293773	0.86	cps
Tin	118-1	10505873	10467618	10313175	10428888	0.98	cps
Titanium	47-1	16129602	15970864	16008054	16036173	0.52	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV001

Instrumnet Name :

P7

Client Sample ID :

CCV001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:41:04

DataFile Name :

021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30825711	31000875	30561920	30796169	0.72	cps
Vanadium	51-2	3930443	3998296	4054018	3994252	1.55	cps
Yttrium	89-1	40312954	39846977	39255817	39805249	1.33	cps
Yttrium	89-2	9667966	9477657	9537240	9560954	1.02	cps
Zinc	66-2	9079566	9085914	9223580	9129687	0.89	cps
Zirconium	90-1	22985194	22679491	22458724	22707803	1.16	cps
Zirconium	91-1	5037021	5003256	4940788	4993688	0.98	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:43:46 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	410	450	421	5.99	cps
Antimony	121-1	3984	4981	6265	5077	22.52	cps
Arsenic	75-2	27	23	27	26	7.55	cps
Barium	135-1	1017	453	333	601	60.71	cps
Barium	137-1	1564	677	597	946	56.76	cps
Beryllium	9-1	161	156	200	172	14.06	cps
Bismuth	209-1	18349628	18787388	18614461	18583825	1.19	cps
Bismuth	209-2	15306144	15316883	15722841	15448623	1.54	cps
Bromine	81-1	14811	15218	14584	14871	2.16	cps
Bromine	81-2	127	97	130	118	15.59	cps
Cadmium	108-1	57	43	33	44	26.35	cps
Cadmium	106-1	10280	10174	10057	10170	1.10	cps
Cadmium	111-1	7587	7318	7200	7368	2.69	cps
Calcium	43-1	1940	1690	1600	1743	10.11	cps
Calcium	44-1	79825	78195	74832	77617	3.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3077	3197	3050	3108	2.51	cps
Cobalt	59-2	387	260	280	309	22.05	cps
Copper	63-2	3500	3350	3244	3365	3.83	cps
Dysprosium	156-1	77	67	83	76	11.10	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Erbium	164-1	140	110	123	124	12.08	cps
Erbium	164-2	100	87	83	90	9.80	cps
Gadolinium	160-1	140	123	127	130	6.78	cps
Gadolinium	160-2	1183	1123	1127	1145	2.95	cps
Holmium	165-1	31305200	32483944	31983462	31924202	1.85	cps
Holmium	165-2	22756246	23109294	23210041	23025194	1.03	cps
Indium	115-1	28495255	29047284	28658980	28733840	0.99	cps
Indium	115-2	10144605	10004888	10026086	10058526	0.75	cps
Iron	56-2	59253	58957	57359	58523	1.74	cps
Iron	57-2	2494	2334	2414	2414	3.32	cps
Iron	54-2	5401	5308	5241	5317	1.51	cps
Krypton	83-1	293	350	360	334	10.75	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:43:46 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3161	2514	2310	2661	16.68	cps
Lead	207-1	2607	2177	1957	2247	14.72	cps
Lead	208-1	12146	9841	8668	10218	17.32	cps
Lithium	6-1	3329154	3301276	3227057	3285829	1.61	cps
Magnesium	24-2	3474	3427	3264	3388	3.26	cps
Manganese	55-2	1183	1293	1227	1235	4.49	cps
Molybdenum	94-1	3264	3230	3157	3217	1.70	cps
Molybdenum	95-1	3114	2510	2530	2718	12.61	cps
Molybdenum	96-1	3494	3067	3090	3217	7.46	cps
Molybdenum	97-1	2217	1537	1573	1776	21.55	cps
Molybdenum	98-1	14022	3904	3997	7308	79.57	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	3034	3070	3117	3074	1.36	cps
Phosphorus	31-2	217	213	227	219	3.17	cps
Potassium	39-2	95758	94632	93169	94520	1.37	cps
Rhodium	103-1	27526015	28427638	28180761	28044805	1.66	cps
Rhodium	103-2	16684313	16469596	16310639	16488183	1.14	cps
Scandium	45-1	15848979	15982280	15809754	15880338	0.57	cps
Scandium	45-2	1208848	1208124	1206380	1207784	0.11	cps
Selenium	82-1	1709	1628	1713	1683	2.86	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	553	480	480	504	8.39	cps
Silicon	28-1	1513182	1528969	1516958	1519703	0.54	cps
Silver	107-1	3520	933	820	1758	86.87	cps
Silver	109-1	2566	720	560	1282	86.96	cps
Sodium	23-2	81212	79768	79578	80186	1.11	cps
Strontium	86-1	720	717	617	684	8.58	cps
Strontium	88-1	2070	1630	1633	1778	14.24	cps
Sulfur	34-1	285397	288360	286686	286815	0.52	cps
Terbium	159-1	32826795	33235195	33677786	33246592	1.28	cps
Terbium	159-2	23023719	22536061	23121396	22893725	1.37	cps
Thallium	203-1	2560	2284	2040	2295	11.34	cps
Thallium	205-1	6192	5508	4901	5533	11.67	cps
Tin	118-1	8540	8062	8443	8348	3.02	cps
Titanium	47-1	1827	1337	1420	1528	17.16	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCB001

Instrumnet Name :

P7

Client Sample ID :

CCB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:43:46

DataFile Name :

022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1107	560	353	673	57.81	cps
Vanadium	51-2	57	50	63	57	11.76	cps
Yttrium	89-1	38785118	39671420	39464059	39306866	1.18	cps
Yttrium	89-2	9816233	9807462	9601796	9741831	1.25	cps
Zinc	66-2	3771	3507	3457	3578	4.71	cps
Zirconium	90-1	4644	4838	5151	4878	5.24	cps
Zirconium	91-1	967	993	1110	1023	7.45	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : P4730-01DLX20 Instrumnet Name : P7
Client Sample ID : MC0B82 Dilution Factor : 20
Date & Time Acquired : 2024-11-13 14:47:02 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	987	863	1103	984	12.19	cps
Antimony	121-1	733	987	1100	940	19.97	cps
Arsenic	75-2	30	37	20	29	29.04	cps
Barium	135-1	144472	144603	143912	144329	0.25	cps
Barium	137-1	248598	251342	247199	249046	0.85	cps
Beryllium	9-1	217	183	117	172	29.56	cps
Bismuth	209-1	18896609	18770217	18636063	18767630	0.69	cps
Bismuth	209-2	15564837	15314281	15555888	15478335	0.92	cps
Bromine	81-1	20992	22995	23836	22607	6.46	cps
Bromine	81-2	1997	1883	2003	1961	3.44	cps
Cadmium	108-1	37	40	33	37	9.10	cps
Cadmium	106-1	10734	10424	9777	10312	4.74	cps
Cadmium	111-1	7708	7499	7070	7426	4.38	cps
Calcium	43-1	259221	260741	264387	261449	1.02	cps
Calcium	44-1	4214780	4189587	4170595	4191654	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3548317	3596253	3580951	3575174	0.68	cps
Cobalt	59-2	12402	12335	12545	12427	0.86	cps
Copper	63-2	9306	9933	8923	9387	5.43	cps
Dysprosium	156-1	167	130	140	146	13.02	cps
Dysprosium	156-2	93	50	93	79	31.71	cps
Erbium	164-1	210	203	153	189	16.40	cps
Erbium	164-2	177	193	180	183	4.81	cps
Gadolinium	160-1	183	240	240	221	14.79	cps
Gadolinium	160-2	1217	1173	1213	1201	2.01	cps
Holmium	165-1	33042869	32520355	32098736	32553986	1.45	cps
Holmium	165-2	23182190	23042592	23166730	23130504	0.33	cps
Indium	115-1	29954274	29403730	29021323	29459775	1.59	cps
Indium	115-2	10061536	10138816	10098652	10099668	0.38	cps
Iron	56-2	143919	139921	141294	141711	1.43	cps
Iron	57-2	7792	8156	8332	8093	3.40	cps
Iron	54-2	129209	127938	130321	129156	0.92	cps
Krypton	83-1	293	360	377	343	12.84	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : P4730-01DLX20 Instrumnet Name : P7
Client Sample ID : MC0B82 Dilution Factor : 20
Date & Time Acquired : 2024-11-13 14:47:02 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2070	2104	2217	2130	3.61	cps
Lead	207-1	1853	1823	1757	1811	2.73	cps
Lead	208-1	8354	8371	7981	8235	2.68	cps
Lithium	6-1	3385408	3366144	3319868	3357140	1.00	cps
Magnesium	24-2	982155	980711	972473	978446	0.53	cps
Manganese	55-2	137206	138898	138938	138347	0.71	cps
Molybdenum	94-1	1507	1683	1860	1683	10.50	cps
Molybdenum	95-1	710	680	857	749	12.62	cps
Molybdenum	96-1	903	1063	1123	1030	11.04	cps
Molybdenum	97-1	440	407	537	461	14.64	cps
Molybdenum	98-1	1020	1173	1287	1160	11.54	cps
Neodymium	150-1	67	97	63	76	24.30	cps
Neodymium	150-2	40	37	37	38	5.09	cps
Nickel	60-2	47047	46365	47311	46907	1.04	cps
Phosphorus	31-2	353	347	350	350	0.95	cps
Potassium	39-2	165391	165010	164213	164871	0.36	cps
Rhodium	103-1	29154245	28672339	28374248	28733611	1.37	cps
Rhodium	103-2	16495160	16481334	16281286	16419260	0.73	cps
Scandium	45-1	16589801	16084470	16139644	16271305	1.70	cps
Scandium	45-2	1231728	1216523	1219979	1222743	0.65	cps
Selenium	82-1	1825	1762	1644	1744	5.26	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	607	553	547	569	5.78	cps
Silicon	28-1	9883385	9777595	9792727	9817902	0.58	cps
Silver	107-1	493	480	470	481	2.43	cps
Silver	109-1	360	440	407	402	9.99	cps
Sodium	23-2	1430503	1381049	1356508	1389353	2.71	cps
Strontium	86-1	71546	70719	72085	71450	0.96	cps
Strontium	88-1	619680	625808	614216	619901	0.94	cps
Sulfur	34-1	323103	323606	320669	322459	0.49	cps
Terbium	159-1	34286369	33578136	33420805	33761770	1.37	cps
Terbium	159-2	23172620	22861992	22926924	22987179	0.71	cps
Thallium	203-1	1590	1317	1313	1407	11.29	cps
Thallium	205-1	3380	3297	3057	3245	5.17	cps
Tin	118-1	8239	6909	7129	7425	9.60	cps
Titanium	47-1	1373	1443	1550	1456	6.11	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

P4730-01DLX20

Instrumnet Name :

P7

Client Sample ID :

MC0B82

Dilution Factor :

20

Date & Time Acquired :

2024-11-13 14:47:02

DataFile Name :

023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3761	3791	3567	3706	3.27	cps
Vanadium	51-2	263	207	227	232	12.38	cps
Yttrium	89-1	40691504	39602092	39805719	40033105	1.45	cps
Yttrium	89-2	9691180	9807511	9700570	9733087	0.66	cps
Zinc	66-2	5431	5878	5548	5619	4.12	cps
Zirconium	90-1	3507	3510	3757	3592	3.99	cps
Zirconium	91-1	663	727	770	720	7.45	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:50:16 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21710851	21566581	21826031	21701154	0.60	cps
Antimony	121-1	12272155	12283577	12268840	12274857	0.06	cps
Arsenic	75-2	647290	639352	640094	642246	0.68	cps
Barium	135-1	14801576	15072074	14767969	14880540	1.12	cps
Barium	137-1	25496938	25574397	25318142	25463159	0.52	cps
Beryllium	9-1	1200593	1213196	1211570	1208453	0.57	cps
Bismuth	209-1	17964918	17681459	17404534	17683637	1.58	cps
Bismuth	209-2	14083876	13988578	14206750	14093068	0.78	cps
Bromine	81-1	17324	17113	16753	17063	1.69	cps
Bromine	81-2	290	260	227	259	12.24	cps
Cadmium	108-1	243256	247721	246429	245802	0.93	cps
Cadmium	106-1	352546	357390	353313	354416	0.73	cps
Cadmium	111-1	3307855	3359677	3341793	3336442	0.79	cps
Calcium	43-1	16253839	16063767	16236886	16184831	0.65	cps
Calcium	44-1	264593383	262481363	264850389	263975045	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4659209	4507652	4574977	4580613	1.66	cps
Cobalt	59-2	7737990	7622189	7891327	7750502	1.74	cps
Copper	63-2	55409226	55013821	55943863	55455636	0.84	cps
Dysprosium	156-1	737	707	630	691	7.96	cps
Dysprosium	156-2	980	880	893	918	5.92	cps
Erbium	164-1	703	673	643	673	4.46	cps
Erbium	164-2	360	463	470	431	14.31	cps
Gadolinium	160-1	583	533	587	568	5.26	cps
Gadolinium	160-2	1437	1463	1390	1430	2.60	cps
Holmium	165-1	34526139	32920600	32865890	33437543	2.82	cps
Holmium	165-2	22924668	23084874	23192351	23067298	0.58	cps
Indium	115-1	29391214	28288000	27985163	28554792	2.59	cps
Indium	115-2	9617882	9533344	9477981	9543069	0.74	cps
Iron	56-2	1030665825	1020031505	1036711078	1029136136	0.82	cps
Iron	57-2	25800391	25464191	25812028	25692204	0.77	cps
Iron	54-2	56860442	55126544	55607531	55864839	1.60	cps
Krypton	83-1	407	383	327	372	11.05	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:50:16 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38455937	38566000	38443387	38488441	0.18	cps
Lead	207-1	33481316	33905839	33730043	33705733	0.63	cps
Lead	208-1	153100540	155525601	155042402	154556181	0.83	cps
Lithium	6-1	3325896	3295659	3253896	3291817	1.10	cps
Magnesium	24-2	180671331	180536184	183202604	181470040	0.83	cps
Manganese	55-2	35430798	34805421	35080119	35105446	0.89	cps
Molybdenum	94-1	45515264	45681099	45758033	45651465	0.27	cps
Molybdenum	95-1	65693792	66508174	66549959	66250642	0.73	cps
Molybdenum	96-1	71300312	72725164	72745827	72257101	1.15	cps
Molybdenum	97-1	40697637	41543929	41635551	41292372	1.25	cps
Molybdenum	98-1	105389452	106432822	107256888	106359721	0.88	cps
Neodymium	150-1	770	790	783	781	1.30	cps
Neodymium	150-2	280	290	200	257	19.22	cps
Nickel	60-2	1998821	2001967	2007857	2002882	0.23	cps
Phosphorus	31-2	220453	216709	219719	218960	0.91	cps
Potassium	39-2	113959792	111969875	114300428	113410032	1.11	cps
Rhodium	103-1	27536720	26513705	26243582	26764669	2.55	cps
Rhodium	103-2	15163073	15020485	14985974	15056511	0.62	cps
Scandium	45-1	17058345	16499635	16239073	16599018	2.52	cps
Scandium	45-2	1244734	1198513	1204806	1216018	2.06	cps
Selenium	82-1	198774	199982	198353	199036	0.42	cps
Selenium	77-2	18091	18875	17881	18282	2.87	cps
Selenium	78-2	61708	60710	61407	61275	0.83	cps
Silicon	28-1	13694804	13768023	13724161	13728996	0.27	cps
Silver	107-1	16349147	16504452	16511766	16455122	0.56	cps
Silver	109-1	15434015	15630956	15399643	15488205	0.81	cps
Sodium	23-2	291784116	292475182	289110902	291123400	0.61	cps
Strontium	86-1	4115646	4160720	4153205	4143190	0.58	cps
Strontium	88-1	35631628	35634884	36247317	35837943	0.99	cps
Sulfur	34-1	1256803	1251819	1248645	1252422	0.33	cps
Terbium	159-1	35242119	33778733	33888333	34303062	2.38	cps
Terbium	159-2	22962750	22696023	22393995	22684256	1.25	cps
Thallium	203-1	9790787	9780334	9860857	9810659	0.45	cps
Thallium	205-1	23375428	23326372	23373290	23358364	0.12	cps
Tin	118-1	10183784	10408382	10328988	10307052	1.11	cps
Titanium	47-1	15738947	16110362	15847928	15899079	1.20	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:50:16

DataFile Name :

024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30569649	30731181	31031712	30777514	0.76	cps
Vanadium	51-2	4078487	3943278	3964392	3995385	1.82	cps
Yttrium	89-1	41714994	40049869	39910977	40558614	2.48	cps
Yttrium	89-2	9639552	9633993	9628548	9634031	0.06	cps
Zinc	66-2	9201628	9143220	9179487	9174778	0.32	cps
Zirconium	90-1	22203661	22587693	22566061	22452472	0.96	cps
Zirconium	91-1	4931338	4956971	4957695	4948668	0.30	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:58:19 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	423	420	401	8.89	cps
Antimony	121-1	1067	1357	1827	1417	27.07	cps
Arsenic	75-2	17	23	20	20	16.65	cps
Barium	135-1	257	290	280	276	6.21	cps
Barium	137-1	520	487	433	480	9.11	cps
Beryllium	9-1	161	156	133	150	9.80	cps
Bismuth	209-1	18824371	18698603	18461597	18661524	0.99	cps
Bismuth	209-2	14413351	14573062	14966554	14650989	1.94	cps
Bromine	81-1	15955	16339	16212	16169	1.21	cps
Bromine	81-2	133	123	147	134	8.71	cps
Cadmium	108-1	40	20	47	36	39.03	cps
Cadmium	106-1	9507	9577	10174	9752	3.76	cps
Cadmium	111-1	6753	6816	7226	6932	3.70	cps
Calcium	43-1	2130	1677	1613	1807	15.61	cps
Calcium	44-1	91458	77132	77276	81955	10.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3427	2960	3317	3235	7.54	cps
Cobalt	59-2	390	277	317	328	17.54	cps
Copper	63-2	3254	3124	2977	3118	4.44	cps
Dysprosium	156-1	47	63	83	64	28.48	cps
Dysprosium	156-2	20	37	20	26	37.66	cps
Erbium	164-1	137	117	113	122	10.32	cps
Erbium	164-2	90	123	103	106	15.90	cps
Gadolinium	160-1	137	150	210	166	23.59	cps
Gadolinium	160-2	920	1063	1147	1043	10.99	cps
Holmium	165-1	32537336	32376505	32305493	32406445	0.37	cps
Holmium	165-2	21360625	21670741	22457148	21829505	2.59	cps
Indium	115-1	29921993	29608143	29379582	29636573	0.92	cps
Indium	115-2	9466422	9435861	9796321	9566201	2.09	cps
Iron	56-2	57332	57680	56455	57156	1.10	cps
Iron	57-2	2290	2434	2277	2334	3.72	cps
Iron	54-2	5511	5341	5318	5390	1.96	cps
Krypton	83-1	350	293	400	348	15.35	cps

LB Number : LB133433 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 14:58:19 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4167	1783	1977	2642	50.10	cps
Lead	207-1	5094	1550	1613	2752	73.67	cps
Lead	208-1	21379	7017	7411	11936	68.54	cps
Lithium	6-1	3426326	3368644	3410158	3401710	0.87	cps
Magnesium	24-2	3547	3504	3540	3530	0.66	cps
Manganese	55-2	1223	1237	1210	1223	1.09	cps
Molybdenum	94-1	1740	1623	1940	1768	9.06	cps
Molybdenum	95-1	920	573	577	690	28.87	cps
Molybdenum	96-1	1237	950	1030	1072	13.80	cps
Molybdenum	97-1	640	450	417	502	23.99	cps
Molybdenum	98-1	1260	940	1010	1070	15.72	cps
Neodymium	150-1	23	20	30	24	20.83	cps
Neodymium	150-2	23	10	23	19	40.75	cps
Nickel	60-2	3394	3277	2937	3203	7.41	cps
Phosphorus	31-2	190	267	180	212	22.34	cps
Potassium	39-2	87094	87043	87097	87078	0.03	cps
Rhodium	103-1	29024430	28679075	28995533	28899679	0.66	cps
Rhodium	103-2	15558116	15355401	16002601	15638706	2.12	cps
Scandium	45-1	16578688	16815679	16532386	16642251	0.91	cps
Scandium	45-2	1151005	1136052	1203181	1163413	3.03	cps
Selenium	82-1	1888	1982	1694	1855	7.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	600	557	450	536	14.41	cps
Silicon	28-1	1554271	1555444	1583322	1564346	1.05	cps
Silver	107-1	543	577	433	518	14.49	cps
Silver	109-1	437	390	343	390	11.97	cps
Sodium	23-2	79772	79537	79651	79653	0.15	cps
Strontium	86-1	723	657	710	697	5.06	cps
Strontium	88-1	1753	1390	1373	1506	14.27	cps
Sulfur	34-1	313086	313160	315818	314021	0.50	cps
Terbium	159-1	33508550	33548302	32995959	33350937	0.92	cps
Terbium	159-2	21288386	21196491	21967005	21483961	1.96	cps
Thallium	203-1	1063	970	1127	1053	7.48	cps
Thallium	205-1	3137	2390	2534	2687	14.75	cps
Tin	118-1	7589	7485	7385	7487	1.36	cps
Titanium	47-1	1370	1250	1160	1260	8.36	cps

LB Number :

LB133433

Operator :

Jaswal

Lab Sample ID :

CCB002

Instrumnet Name :

P7

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Dilution Factor :

1

Date & Time Acquired :

2024-11-13 14:58:19

DataFile Name :

025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2349	127	87	854	151.59	cps
Vanadium	51-2	43	73	30	49	45.40	cps
Yttrium	89-1	40795316	40679944	40189289	40554850	0.79	cps
Yttrium	89-2	9122322	9184840	9549059	9285407	2.48	cps
Zinc	66-2	3697	3700	3897	3765	3.04	cps
Zirconium	90-1	3901	3991	4411	4101	6.64	cps
Zirconium	91-1	840	873	943	886	5.96	cps