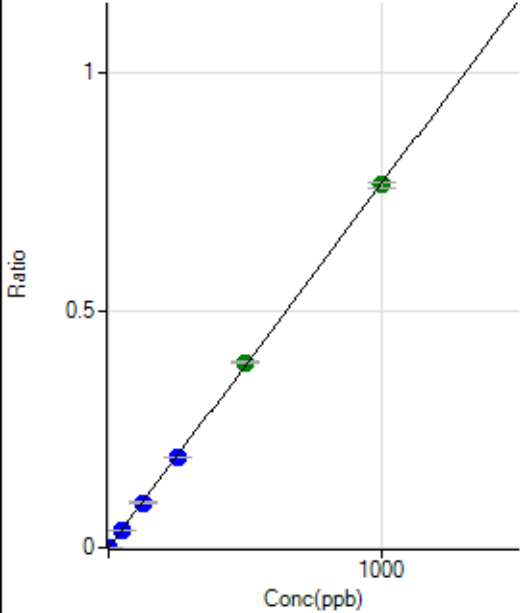


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111424MS5.b\
Analysis File: P7111424MS5.batch.bin
DA Date-Time: 2024-11-14 17:03:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-14 13:10:50
2	006CALS.d	S02	2024-11-14 13:17:23
3	007CALS.d	S03	2024-11-14 13:20:38
4	008CALS.d	S04	2024-11-14 13:23:36
5	009CALS.d	S05	2024-11-14 13:26:22
6	010CALS.d	S06	2024-11-14 13:29:09
7	011CALS.d	S07	2024-11-14 13:31:54
8	012CALS.d	S08	2024-11-14 13:34:41

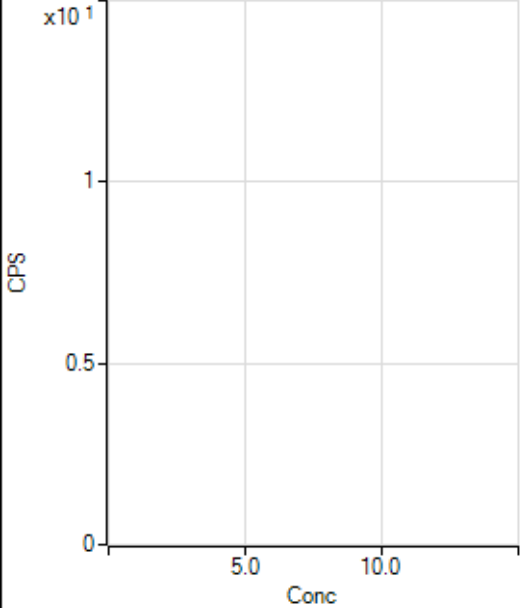
9 Be [No Gas] ISTD:6 Li [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	22.
2	☐	1.000	1.036	2407.63	0.0008	P	5.8
3	☐	50.000	49.410	113892.18	0.0380	P	2.3
4	☐	125.000	123.742	284541.25	0.0950	P	1.1
5	☐	250.000	248.277	555262.36	0.1907	P	0.9
6	☐	500.000	508.425	1127605.80	0.3905	A	0.6
7	☐	1000.000	996.405	2150582.92	0.7652	A	1.3
8	☐			270.38	0.0001	P	24.

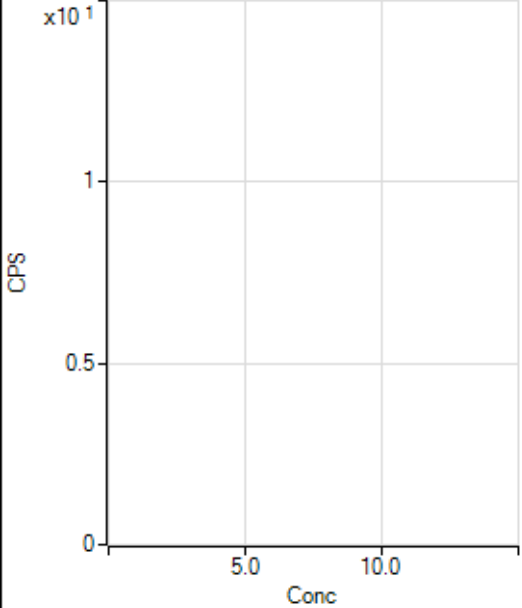
Weight: <None>
Min Conc: 0

12 C [No Gas] No available calibration points



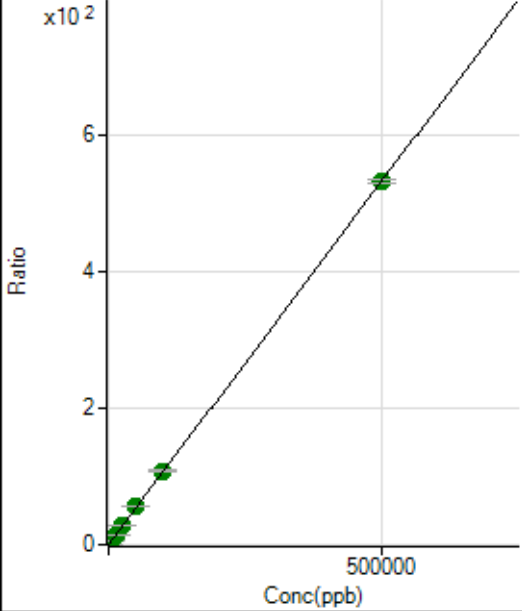
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	45434.61	0.0360	P	0.9
2	☐	500.000	496.389	711107.52	0.5630	P	0.6
3	☐	5000.000	5379.211	7234896.91	5.7470	A	0.7
4	☐	12500.000	13459.536	17822509.46	14.3257	A	1.0
5	☐	25000.000	26325.737	34235958.93	27.9855	A	1.7
6	☐	50000.000	52589.990	67128629.55	55.8696	A	1.9
7	☐	100000.00	100890.37	132228659.14	107.1490	A	2.3
8	☐	500000.00	499468.86	633033088.34	530.3105	A	1.0

$y = 0.0011 * x + 0.0360$

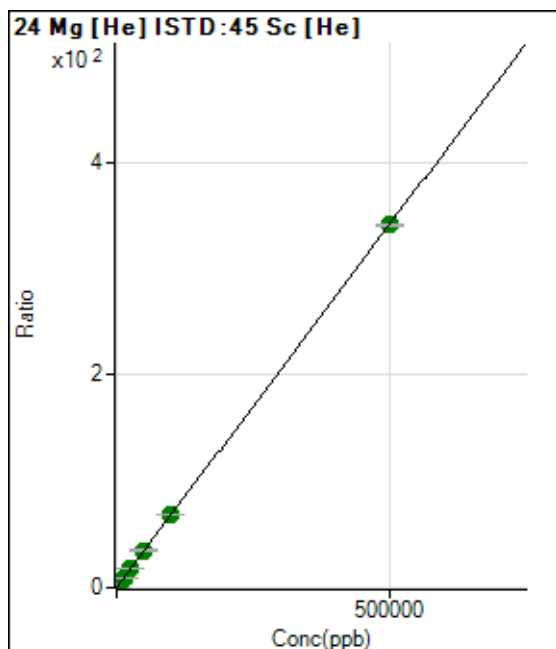
$R = 1.0000$

$DL = 0.9506$

$BEC = 33.95$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1385.63	0.0011	P	2.4
2	☐	500.000	502.455	434498.86	0.3440	P	1.4
3	☐	5000.000	5300.987	4556215.59	3.6192	A	1.3
4	☐	12500.000	13199.321	11208821.09	9.0101	A	0.6
5	☐	25000.000	25989.002	21698539.95	17.7396	A	2.4
6	☐	50000.000	51127.471	41929540.49	34.8975	A	2.3
7	☐	100000.00	100739.98	84856899.29	68.7599	A	1.9
8	☐	500000.00	499669.31	407112976.16	341.0442	A	0.7

$$y = 6.8254E-004 * x + 0.0011$$

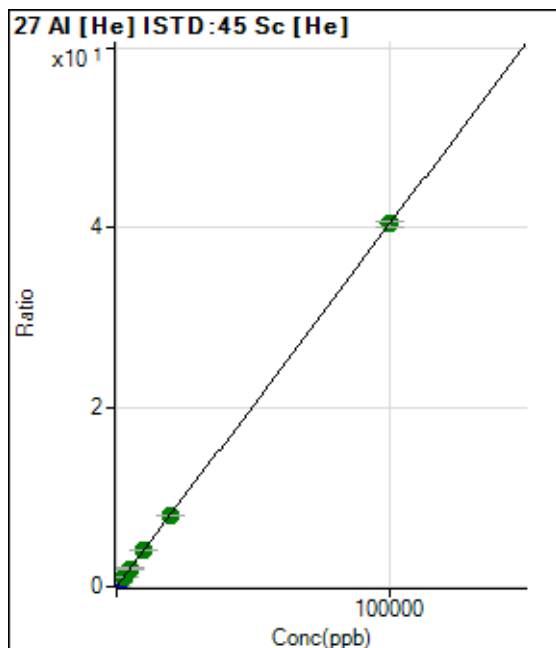
$$R = 1.0000$$

$$DL = 0.1167$$

$$BEC = 1.611$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	550.02	0.0004	P	4.1
2	☐	20.000	20.077	10792.18	0.0085	P	9.6
3	☐	1000.000	992.193	504930.15	0.4011	P	0.1
4	☐	2500.000	2565.011	1289163.50	1.0362	A	1.6
5	☐	5000.000	4990.241	2465198.42	2.0155	A	2.9
6	☐	10000.000	9896.584	4802383.02	3.9967	A	1.6
7	☐	20000.000	19579.799	9757746.24	7.9069	A	2.0
8	☐	100000.00	100093.32	48248217.61	40.4187	A	1.3

$$y = 4.0381E-004 * x + 4.3625E-004$$

$$R = 1.0000$$

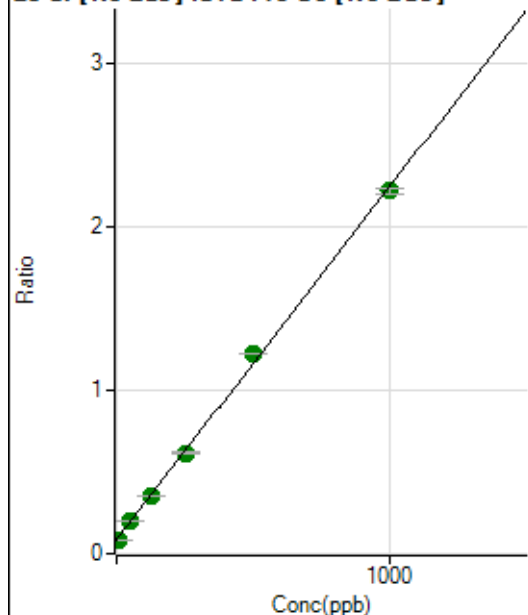
$$DL = 0.1316$$

$$BEC = 1.08$$

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	1262997.58	0.0858	A	1.1
2	☐	10.000	0.685	1294463.40	0.0873	A	1.4
3	☐	50.000	51.761	2920281.24	0.1976	A	0.4
4	☐	125.000	124.954	5171318.33	0.3556	A	0.5
5	☐	250.000	244.288	8862504.73	0.6132	A	1.8
6	☐	500.000	526.430	17213842.52	1.2224	A	0.2
7	☐	1000.000	988.224	31032528.98	2.2193	A	1.3
8	☐			1274397.92	0.0919	A	1.7

$$y = 0.0022 * x + 0.0858$$

R = 0.9994

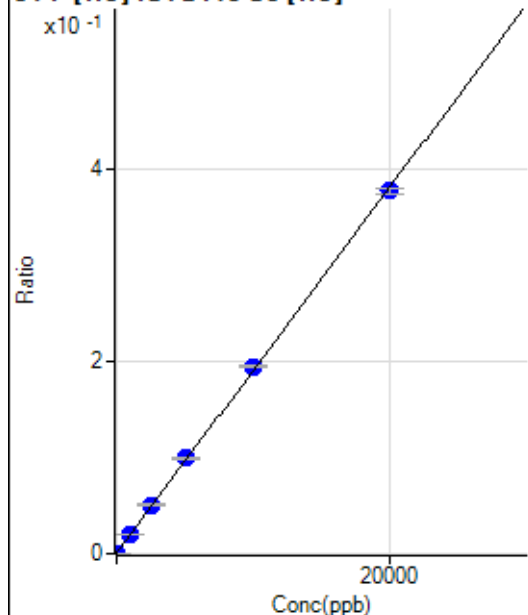
DL = 1.274

BEC = 39.76

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.701	293.34	0.0002	P	6.1
2	☐	0.000	16.701	1094.50	0.0009	P	2.7
3	☐	1000.000	1046.686	25701.65	0.0204	P	1.7
4	☐	2500.000	2652.926	63325.94	0.0509	P	0.2
5	☐	5000.000	5189.963	121153.58	0.0991	P	2.8
6	☐	10000.000	10217.695	233689.62	0.1945	P	1.6
7	☐	20000.000	19822.212	465010.88	0.3768	P	1.5
8	☐			438.90	0.0004	P	2.0

$$y = 1.8980E-005 * x + 5.4963E-004$$

R = 0.9998

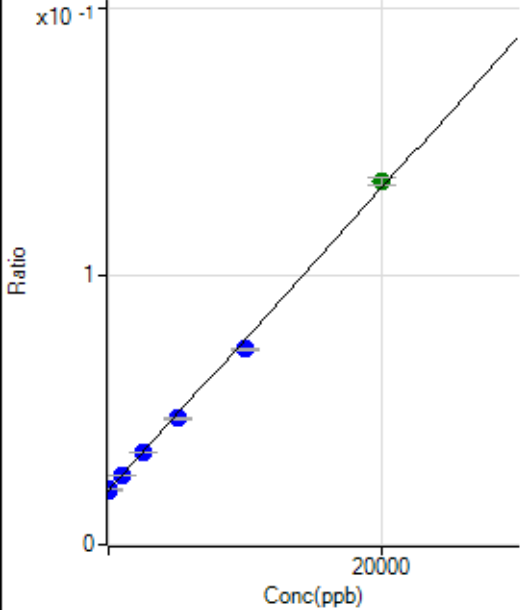
DL = 2.991

BEC = 28.96

Weight: <None>

Min Conc: 0

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

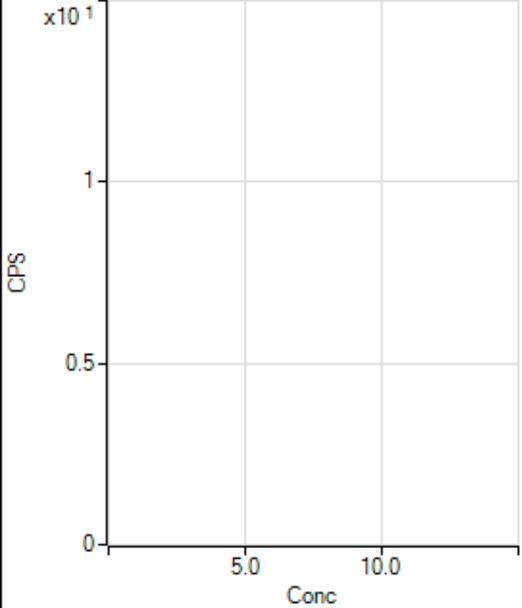


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-64.812	292876.91	0.0199	P	1.3
2	☐	0.000	64.812	305895.76	0.0206	P	1.4
3	☐	1000.000	989.883	381959.18	0.0258	P	0.3
4	☐	2500.000	2513.812	500612.64	0.0344	P	0.6
5	☐	5000.000	4737.747	678471.79	0.0469	P	1.6
6	☐	10000.000	9327.914	1025059.93	0.0728	P	0.3
7	☐	20000.000	20400.386	1889567.07	0.1351	A	2.0
8	☐			250345.14	0.0180	P	0.1

$y = 5.6302E-006 * x + 0.0203$
R = 0.9990
DL = 144.5
BEC = 3600

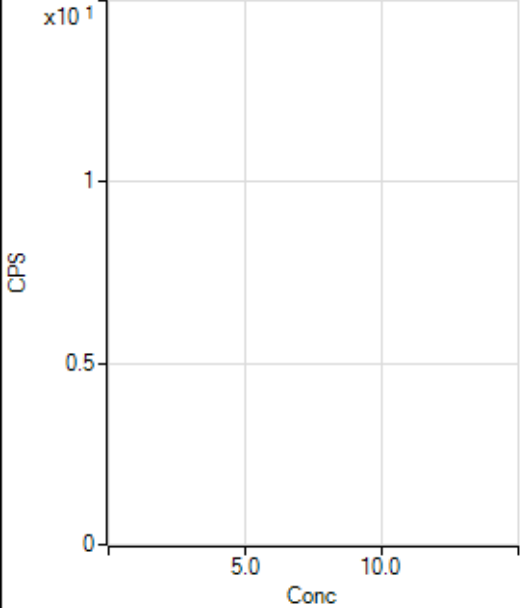
Weight: <None>
Min Conc: 0

35 Cl [No Gas] No available calibration points



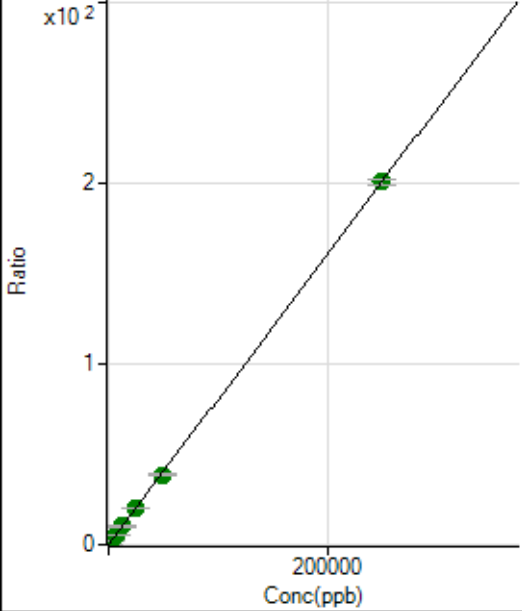
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	72013.56	0.0571	P	0.6
2	☐	500.000	513.592	592827.23	0.4694	P	0.7
3	☐	2500.000	2560.602	2659462.37	2.1125	A	1.2
4	☐	6250.000	6366.126	6428360.04	5.1673	A	0.5
5	☐	12500.000	12656.625	12497312.87	10.2167	A	2.2
6	☐	25000.000	24931.885	24115197.14	20.0701	A	2.0
7	☐	50000.000	48050.721	47670458.73	38.6278	A	1.9
8	☐	250000.00	250385.30	239982396.42	201.0431	A	1.4

$y = 8.0271E-004 * x + 0.0571$

R = 1.0000

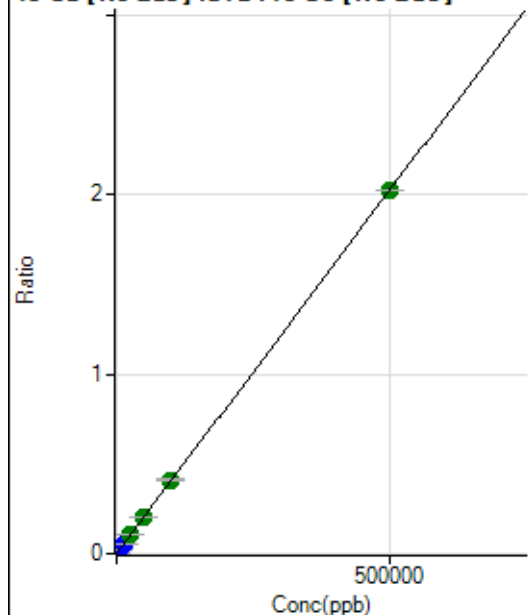
DL = 1.202

BEC = 71.17

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	722.25	0.0000	P	8.6
2	☐	500.000	528.404	32397.90	0.0022	P	1.1
3	☐	5000.000	5268.862	315534.53	0.0213	P	1.2
4	☐	12500.000	13375.951	787099.66	0.0541	P	0.2
5	☐	25000.000	25748.080	1505168.87	0.1041	A	0.5
6	☐	50000.000	51114.588	2910766.83	0.2067	A	0.6
7	☐	100000.00	101649.82	5747194.50	0.4110	A	0.6
8	☐	500000.00	499496.55	28020207.08	2.0194	A	0.2

$$y = 4.0427E-006 * x + 4.9111E-005$$

R = 1.0000

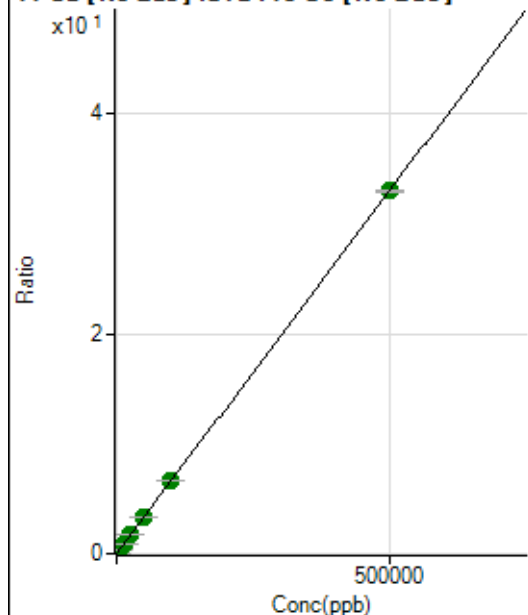
DL = 3.148

BEC = 12.15

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	28139.61	0.0019	P	1.3
2	☐	500.000	528.106	545015.60	0.0368	P	1.3
3	☐	5000.000	5106.345	5009270.58	0.3389	A	1.4
4	☐	12500.000	12954.413	12461390.79	0.8569	A	0.1
5	☐	25000.000	25451.162	24304479.36	1.6817	A	1.1
6	☐	50000.000	50049.206	46544297.09	3.3051	A	0.2
7	☐	100000.00	99918.641	92241405.30	6.5965	A	1.1
8	☐	500000.00	499976.34	457906242.06	33.0001	A	0.3

$$y = 6.5999E-005 * x + 0.0019$$

R = 1.0000

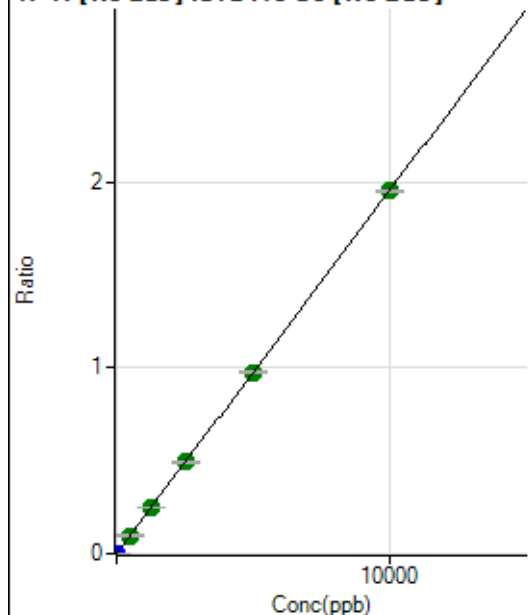
DL = 1.155

BEC = 28.98

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1843.46	0.0001	P	3.6
2	☐	5.000	5.079	16574.71	0.0011	P	0.1
3	☐	500.000	500.406	1447614.81	0.0979	A	1.8
4	☐	1250.000	1278.841	3637289.18	0.2501	A	0.4
5	☐	2500.000	2527.497	7142447.60	0.4942	A	1.2
6	☐	5000.000	4989.831	13737599.52	0.9755	A	1.3
7	☐	10000.000	9994.585	27322159.32	1.9539	A	0.4
8	☐			3581.58	0.0003	P	13.

$$y = 1.9548E-004 * x + 1.2532E-004$$

R = 1.0000

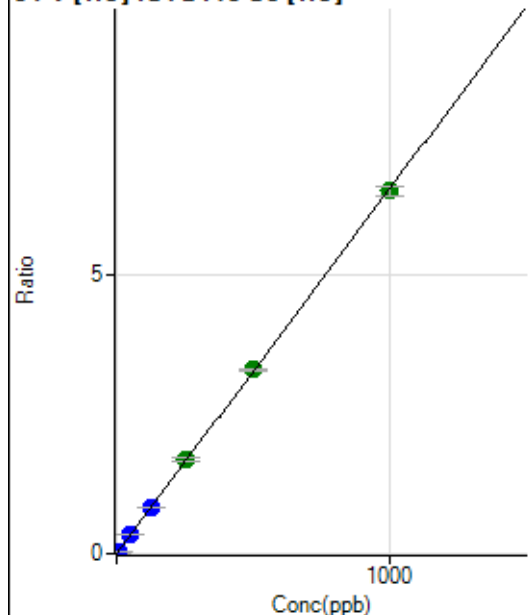
DL = 0.06936

BEC = 0.6411

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	38.
2	☐	5.000	5.100	42115.33	0.0333	P	0.6
3	☐	50.000	50.575	416021.43	0.3305	P	0.6
4	☐	125.000	126.366	1027159.36	0.8257	P	0.3
5	☐	250.000	257.983	2061345.89	1.6856	A	3.7
6	☐	500.000	506.012	3972870.22	3.3062	A	1.1
7	☐	1000.000	994.798	8020866.06	6.4998	A	2.3
8	☐			2039.04	0.0017	P	6.7

$$y = 0.0065 * x + 2.2052E-005$$

R = 0.9999

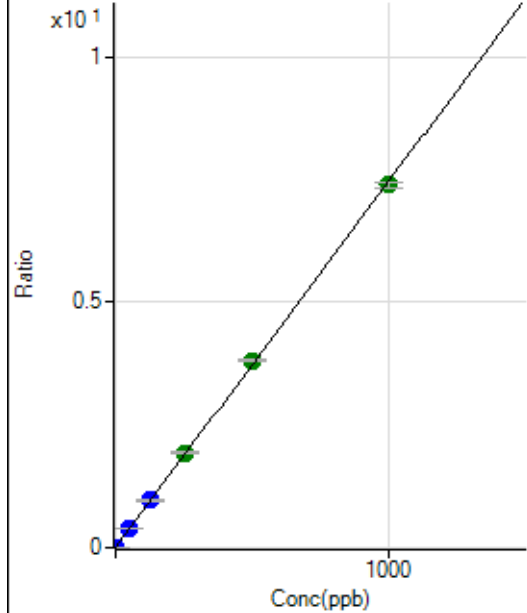
DL = 0.003943

BEC = 0.003375

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	4469.60	0.0035	P	2.6
2	☐	2.000	2.075	24033.66	0.0190	P	1.0
3	☐	50.000	51.282	486082.61	0.3861	P	0.8
4	☐	125.000	128.557	1197486.21	0.9626	P	0.6
5	☐	250.000	259.371	2370665.87	1.9385	A	3.6
6	☐	500.000	511.974	4593871.77	3.8230	A	1.2
7	☐	1000.000	991.161	9129984.58	7.3978	A	1.8
8	☐			17564.76	0.0147	P	1.9

$$y = 0.0075 * x + 0.0035$$

$$R = 0.9998$$

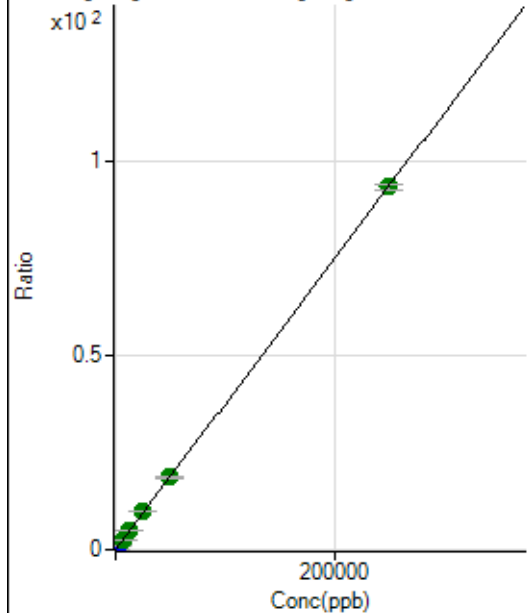
$$DL = 0.03748$$

$$BEC = 0.4753$$

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	5532.17	0.0044	P	2.7
2	☐	50.000	54.206	31114.38	0.0246	P	1.3
3	☐	2500.000	2698.290	1274332.68	1.0123	P	0.7
4	☐	6250.000	6708.531	3122767.42	2.5102	A	0.3
5	☐	12500.000	13238.456	6053673.45	4.9493	A	2.5
6	☐	25000.000	25942.471	11649648.71	9.6945	A	0.7
7	☐	50000.000	49971.661	23041016.32	18.6700	A	1.8
8	☐	250000.00	249861.05	111410430.56	93.3333	A	1.4

$$y = 3.7352E-004 * x + 0.0044$$

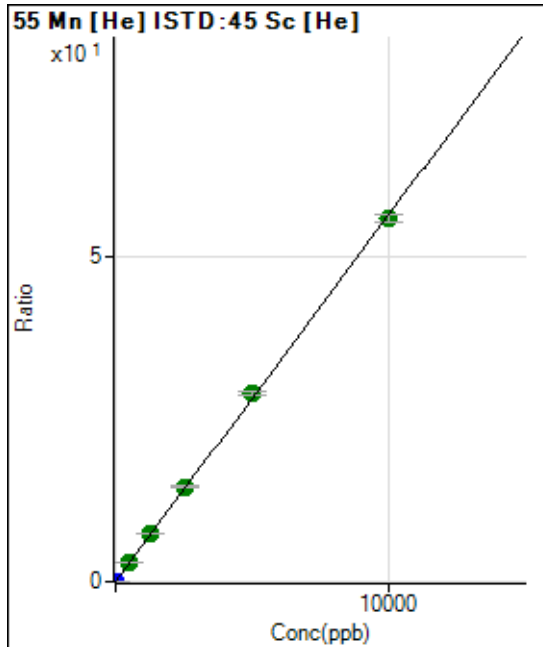
$$R = 1.0000$$

$$DL = 0.9491$$

$$BEC = 11.75$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1673.44	0.0013	P	2.7
2	☐	1.000	1.060	9248.46	0.0073	P	1.2
3	☐	500.000	526.456	3749844.87	2.9787	A	1.1
4	☐	1250.000	1312.526	9235610.69	7.4243	A	1.2
5	☐	2500.000	2591.166	17924574.04	14.6555	A	2.9
6	☐	5000.000	5140.154	34932572.81	29.0712	A	1.1
7	☐	10000.000	9897.993	69082980.64	55.9789	A	2.1
8	☐			36067.59	0.0302	P	1.6

$$y = 0.0057 * x + 0.0013$$

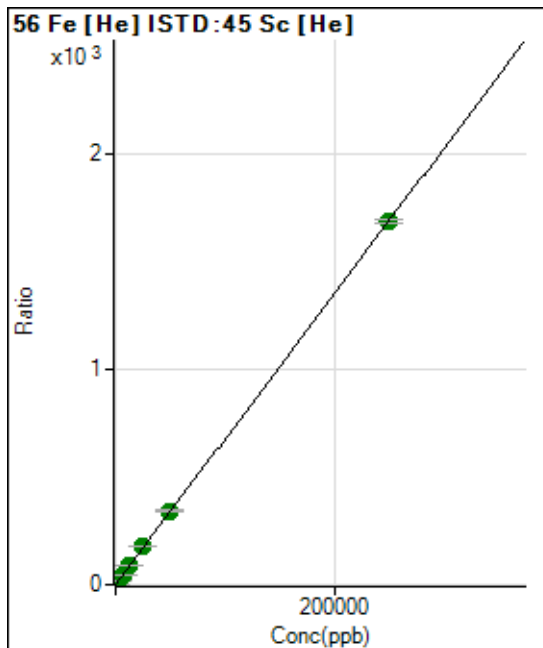
$$R = 0.9998$$

$$DL = 0.01905$$

$$BEC = 0.2347$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58933.78	0.0468	P	1.1
2	☐	50.000	54.206	520862.37	0.4124	P	1.0
3	☐	2500.000	2655.575	22610555.22	17.9606	A	0.5
4	☐	6250.000	6686.278	56168314.16	45.1507	A	0.3
5	☐	12500.000	13030.663	107571611.73	87.9483	A	2.7
6	☐	25000.000	26101.827	211624003.51	176.1230	A	1.6
7	☐	50000.000	50354.484	419218878.20	339.7252	A	2.5
8	☐	250000.00	249779.92	2011396236.6	1,684.997	A	0.9

$$y = 0.0067 * x + 0.0468$$

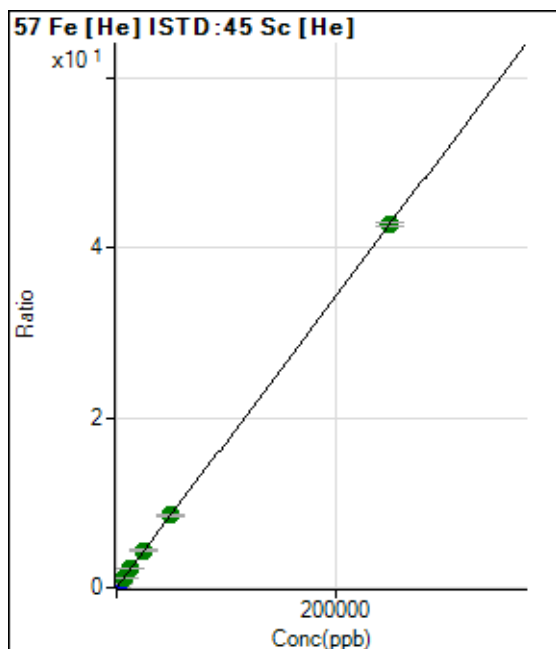
$$R = 1.0000$$

$$DL = 0.2236$$

$$BEC = 6.931$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2464.67	0.0020	P	6.0
2	☐	50.000	56.149	14584.96	0.0115	P	1.3
3	☐	2500.000	2670.829	576884.10	0.4582	P	0.7
4	☐	6250.000	6658.921	1417672.10	1.1396	A	1.3
5	☐	12500.000	13004.193	2719765.95	2.2236	A	2.8
6	☐	25000.000	25729.858	5284295.68	4.3977	A	1.5
7	☐	50000.000	49819.995	10506171.86	8.5133	A	2.3
8	☐	250000.00	249925.87	50971119.79	42.6999	A	0.9

$$y = 1.7084E-004 * x + 0.0020$$

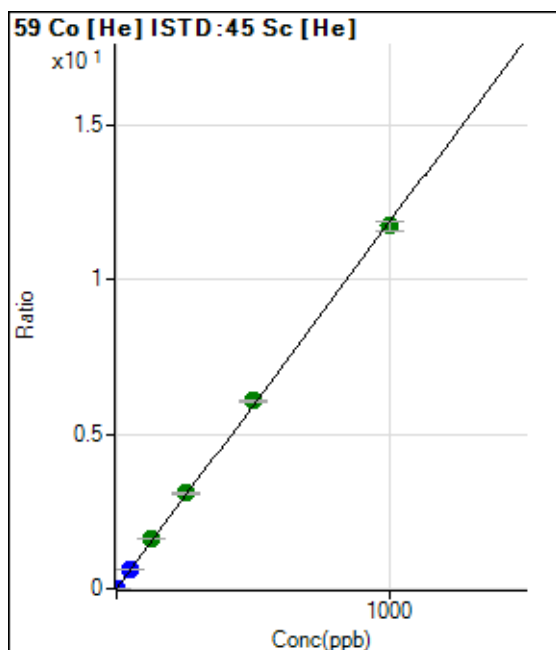
R = 1.0000

DL = 2.053

BEC = 11.44

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	415.57	0.0003	P	9.6
2	☐	1.000	1.083	16661.58	0.0132	P	1.0
3	☐	50.000	52.319	782473.20	0.6216	P	1.0
4	☐	125.000	134.767	1991119.97	1.6005	A	0.2
5	☐	250.000	261.312	3795680.57	3.1031	A	2.3
6	☐	500.000	512.432	7311554.33	6.0848	A	1.3
7	☐	1000.000	989.619	14499886.17	11.7509	A	2.9
8	☐			36905.38	0.0309	P	0.9

$$y = 0.0119 * x + 3.2956E-004$$

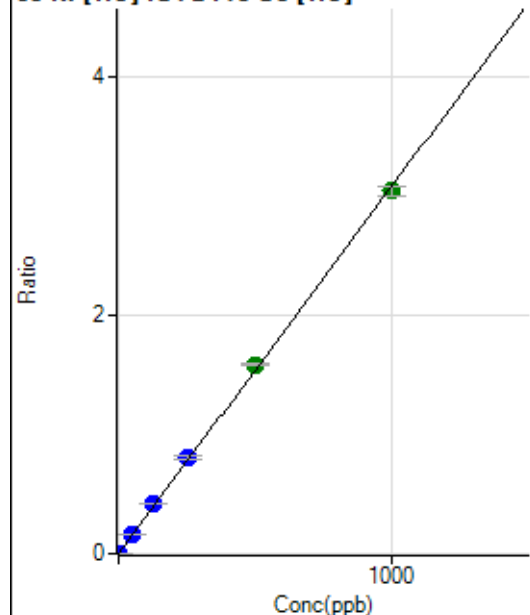
R = 0.9998

DL = 0.00798

BEC = 0.02776

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	673.36	0.0005	P	3.5
2	☐	1.000	1.038	4707.45	0.0037	P	2.4
3	☐	50.000	52.492	203960.35	0.1620	P	0.4
4	☐	125.000	138.400	530323.82	0.4263	P	0.3
5	☐	250.000	260.680	981356.35	0.8025	P	3.4
6	☐	500.000	514.114	1901171.72	1.5821	A	1.3
7	☐	1000.000	988.474	3753264.39	3.0414	A	2.7
8	☐			10700.58	0.0090	P	2.7

$$y = 0.0031 * x + 5.3413E-004$$

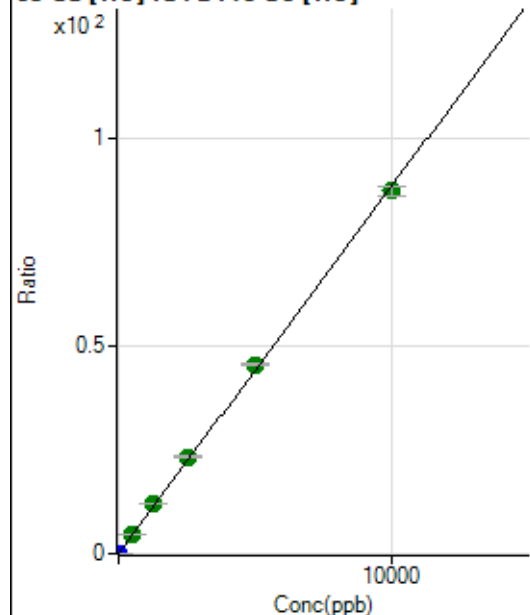
$$R = 0.9997$$

$$DL = 0.01842$$

$$BEC = 0.1736$$

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	1983.48	0.0016	P	4.0
2	☐	2.000	2.012	24484.55	0.0194	P	0.2
3	☐	500.000	542.773	6051552.62	4.8070	A	0.1
4	☐	1250.000	1343.643	14800502.97	11.8976	A	1.0
5	☐	2500.000	2643.554	28629321.24	23.4063	A	2.6
6	☐	5000.000	5142.504	54710678.63	45.5309	A	1.2
7	☐	10000.000	9879.015	107930152.84	87.4657	A	2.8
8	☐			18335.79	0.0154	P	0.7

$$y = 0.0089 * x + 0.0016$$

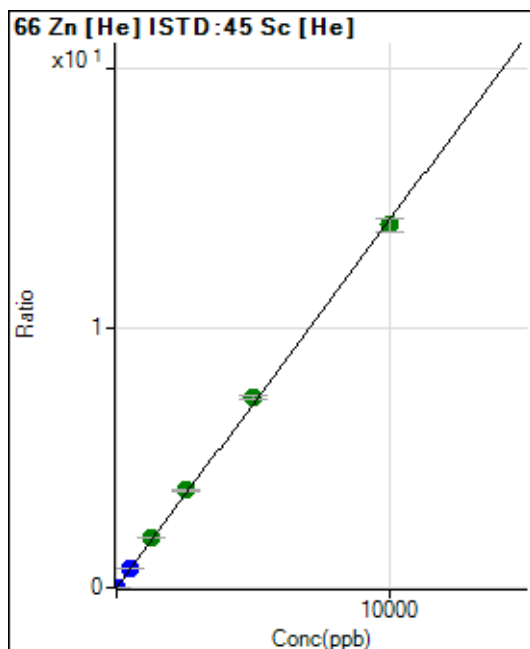
$$R = 0.9997$$

$$DL = 0.0215$$

$$BEC = 0.1777$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2316.87	0.0018	P	6.6
2	☐	2.000	5.390	11968.21	0.0095	P	4.3
3	☐	500.000	532.026	951437.32	0.7558	P	0.5
4	☐	1250.000	1343.624	2370917.62	1.9059	A	1.0
5	☐	2500.000	2645.416	4587664.45	3.7507	A	2.4
6	☐	5000.000	5159.718	8787625.22	7.3137	A	1.9
7	☐	10000.000	9870.482	17260566.55	13.9893	A	3.4
8	☐			6877.20	0.0058	P	4.5

$$y = 0.0014 * x + 0.0018$$

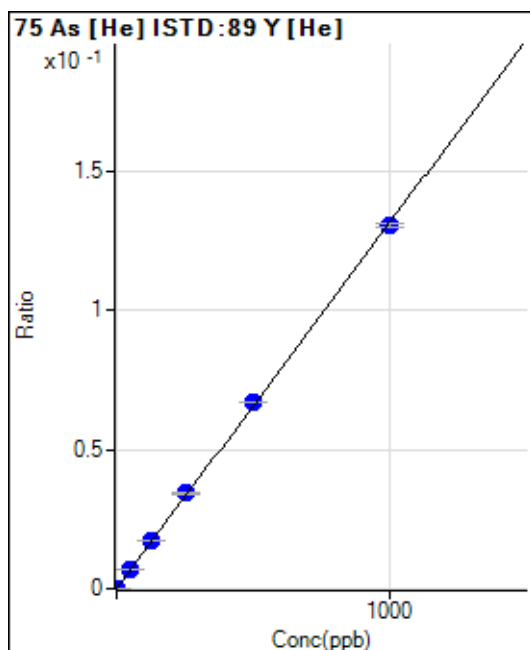
$$R = 0.9997$$

$$DL = 0.2584$$

$$BEC = 1.297$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	47.
2	☐	1.000	1.049	1255.62	0.0001	P	9.0
3	☐	50.000	52.563	62311.19	0.0069	P	0.9
4	☐	125.000	131.769	154293.15	0.0173	P	0.9
5	☐	250.000	260.332	299268.86	0.0342	P	0.3
6	☐	500.000	509.027	581262.67	0.0669	P	0.0
7	☐	1000.000	991.929	1156339.50	0.1303	P	1.0
8	☐			626.68	0.0001	P	11.

$$y = 1.3136E-004 * x + 1.9690E-006$$

$$R = 0.9999$$

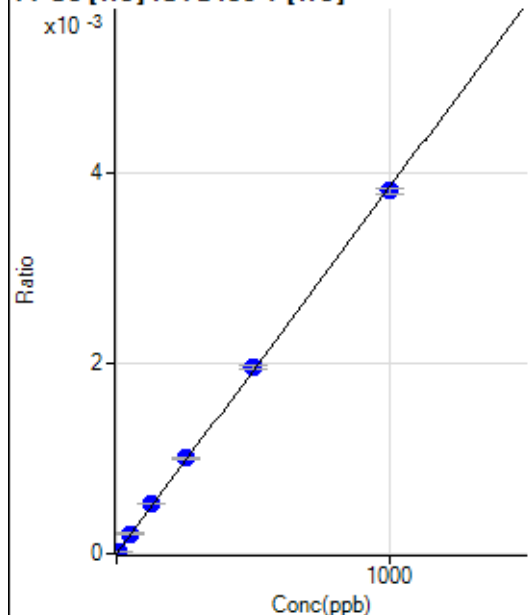
$$DL = 0.02127$$

$$BEC = 0.01499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.412	186.67	0.0000	P	14.
3	☐	50.000	54.084	1873.48	0.0002	P	4.2
4	☐	125.000	135.877	4649.65	0.0005	P	2.5
5	☐	250.000	260.660	8758.22	0.0010	P	1.4
6	☐	500.000	510.944	17052.14	0.0020	P	1.8
7	☐	1000.000	990.297	33740.65	0.0038	P	1.5
8	☐			3.33	0.0000	P	0.8

$$y = 3.8395E-006 * x + 0.0000E+000$$

R = 0.9998

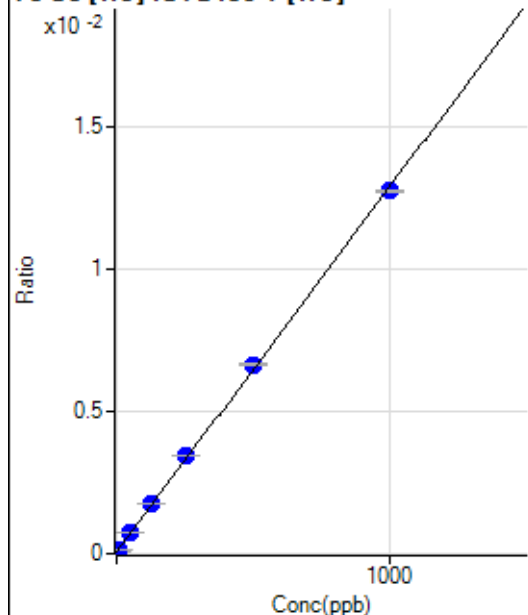
DL = 0

BEC = 0

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	515.57	0.0001	P	9.1
2	☐	5.000	4.646	1047.83	0.0001	P	9.6
3	☐	50.000	53.066	6654.87	0.0007	P	1.3
4	☐	125.000	133.381	15754.03	0.0018	P	1.1
5	☐	250.000	263.425	30060.57	0.0034	P	1.1
6	☐	500.000	512.728	57654.94	0.0066	P	1.0
7	☐	1000.000	989.080	113073.03	0.0127	P	0.4
8	☐			536.69	0.0001	P	8.8

$$y = 1.2824E-005 * x + 5.7088E-005$$

R = 0.9998

DL = 1.212

BEC = 4.452

Weight: <None>

Min Conc: 0

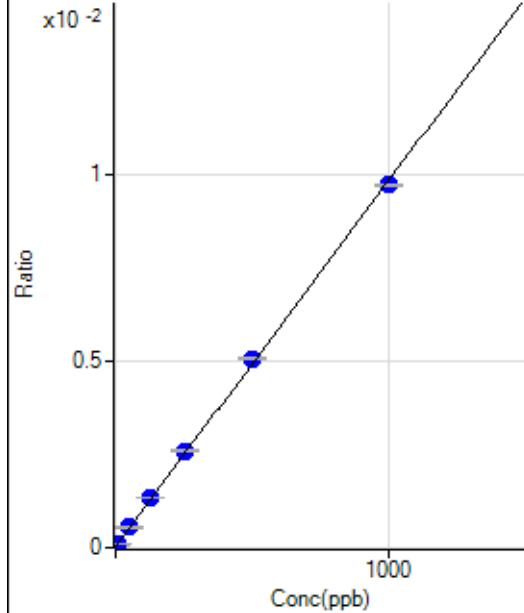
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13760.95		P	1.0
2	☐			14392.66		P	0.7
3	☐			14145.75		P	2.1
4	☐			14178.00		P	0.9
5	☐			13742.03		P	2.2
6	☐			13234.92		P	1.2
7	☐			13828.78		P	2.4
8	☐			15526.04		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	19.
2	☐			154.45		P	20.
3	☐			107.78		P	12.
4	☐			113.33		P	19.
5	☐			96.67		P	11.
6	☐			122.22		P	12.
7	☐			153.34		P	9.5
8	☐			187.78		P	10.

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	977.19	0.0000	P	9.0
2	☐	5.000	5.232	2836.13	0.0001	P	2.5
3	☐	50.000	52.950	19572.25	0.0005	P	2.8
4	☐	125.000	132.535	47485.56	0.0013	P	0.6
5	☐	250.000	262.445	91587.68	0.0026	P	1.4
6	☐	500.000	513.668	174033.67	0.0051	P	1.3
7	☐	1000.000	988.964	339470.67	0.0097	P	0.5
8	☐			1245.33	0.0000	P	4.5

$$y = 9.7870E-006 * x + 2.7399E-005$$

R = 0.9998

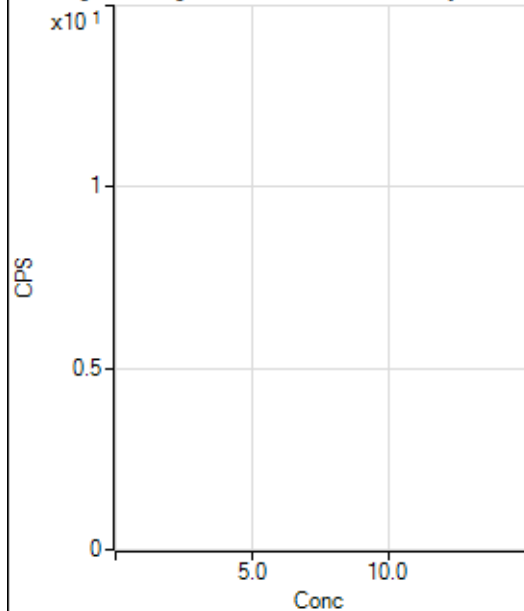
DL = 0.759

BEC = 2.8

Weight: <None>

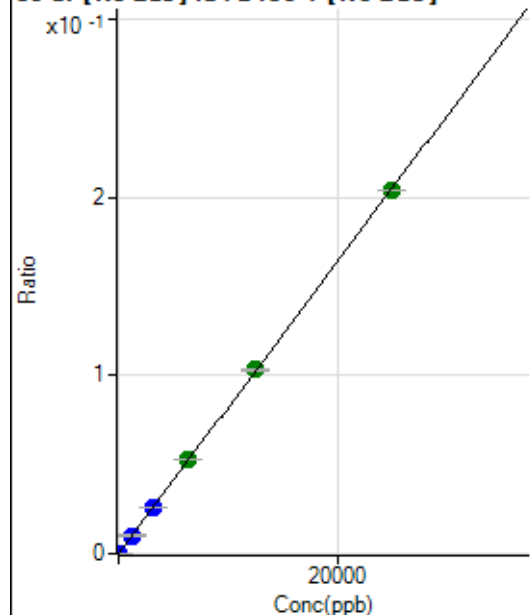
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			297.78		P	14.
2	☐			336.67		P	9.8
3	☐			330.01		P	16.
4	☐			310.01		P	2.8
5	☐			308.89		P	9.1
6	☐			377.79		P	4.2
7	☐			350.01		P	17.
8	☐			392.23		P	6.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	544.46	0.0000	P	5.5
2	☐	1.000	24.976	7931.09	0.0002	P	2.9
3	☐	1250.000	1244.769	366233.01	0.0102	P	2.8
4	☐	3125.000	3119.607	916486.35	0.0256	P	0.7
5	☐	6250.000	6439.086	1861083.22	0.0527	A	1.0
6	☐	12500.000	12634.169	3563099.42	0.1035	A	0.8
7	☐	25000.000	24886.579	7128765.52	0.2038	A	0.1
8	☐			23054.77	0.0007	P	1.5

$$y = 8.1897E-006 * x + 1.5265E-005$$

$$R = 0.9999$$

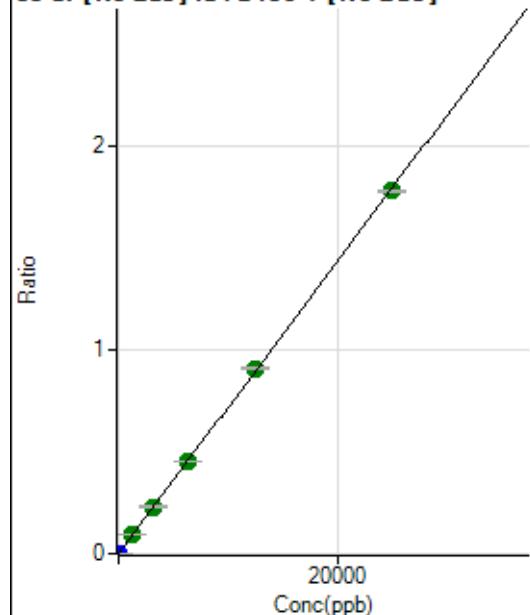
$$DL = 0.3101$$

$$BEC = 1.864$$

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	592.24	0.0000	P	1.4
2	☐	1.000	25.422	66287.47	0.0018	P	0.8
3	☐	1250.000	1274.449	3274776.31	0.0913	A	2.4
4	☐	3125.000	3219.428	8266283.77	0.2306	A	1.5
5	☐	6250.000	6360.587	16071836.43	0.4555	A	1.0
6	☐	12500.000	12684.612	31278411.76	0.9084	A	1.0
7	☐	25000.000	24867.020	62287819.07	1.7809	A	0.6
8	☐			200233.21	0.0058	P	0.2

$$y = 7.1616E-005 * x + 1.6606E-005$$

$$R = 0.9999$$

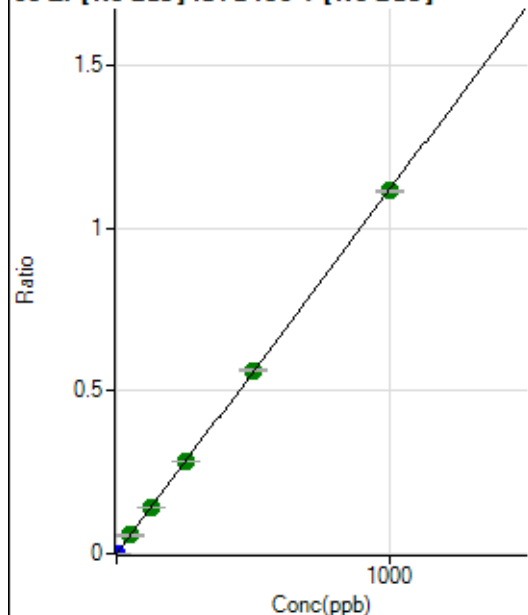
$$DL = 0.009892$$

$$BEC = 0.2319$$

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	3304.84	0.0001	P	1.0
2	☐	1.000	0.995	43496.43	0.0012	P	0.9
3	☐	50.000	50.443	2028243.29	0.0565	A	1.6
4	☐	125.000	128.596	5162224.72	0.1440	A	0.7
5	☐	250.000	254.393	10046774.85	0.2848	A	0.3
6	☐	500.000	503.326	19395880.82	0.5633	A	0.8
7	☐	1000.000	996.767	39012213.31	1.1155	A	0.9
8	☐			23343.06	0.0007	P	2.6

$$y = 0.0011 * x + 9.2663E-005$$

R = 1.0000

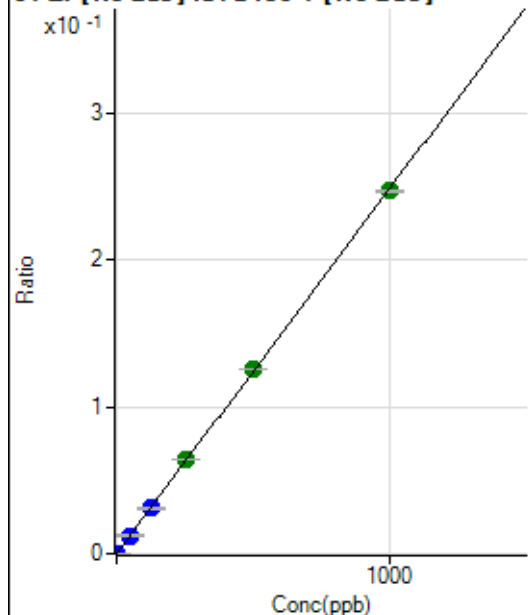
DL = 0.002438

BEC = 0.08281

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	735.58	0.0000	P	6.3
2	☐	1.000	0.979	9519.82	0.0003	P	2.2
3	☐	50.000	49.347	440454.98	0.0123	P	2.8
4	☐	125.000	124.379	1108395.72	0.0309	P	1.0
5	☐	250.000	258.072	2262486.08	0.0641	A	0.5
6	☐	500.000	506.731	4334814.69	0.1259	A	0.4
7	☐	1000.000	994.727	8642705.15	0.2471	A	0.8
8	☐			5186.53	0.0002	P	3.2

$$y = 2.4841E-004 * x + 2.0626E-005$$

R = 0.9999

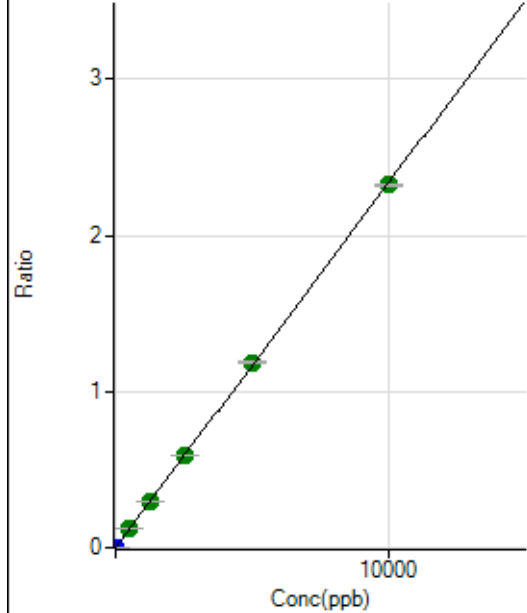
DL = 0.01559

BEC = 0.08303

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	1227.84	0.0000	P	4.7
2	☐	5.000	5.769	49873.39	0.0014	P	0.4
3	☐	500.000	507.127	4251504.14	0.1185	A	2.4
4	☐	1250.000	1283.202	10749277.48	0.2998	A	0.6
5	☐	2500.000	2548.908	21011888.02	0.5956	A	0.3
6	☐	5000.000	5072.992	40809252.72	1.1853	A	1.2
7	☐	10000.000	9946.770	81276537.12	2.3240	A	0.8
8	☐			19071.42	0.0006	P	7.6

$$y = 2.3364E-004 * x + 3.4424E-005$$

$$R = 0.9999$$

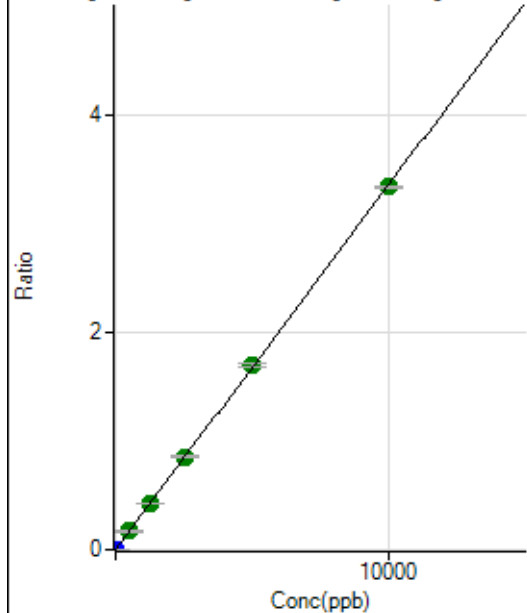
$$DL = 0.02087$$

$$BEC = 0.1473$$

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	96.67	0.0000	P	41.
2	☐	5.000	4.894	59360.82	0.0016	P	0.5
3	☐	500.000	504.338	6071921.37	0.1693	A	1.6
4	☐	1250.000	1278.374	15380779.91	0.4290	A	0.9
5	☐	2500.000	2553.113	30229857.33	0.8568	A	0.6
6	☐	5000.000	5067.490	58553815.79	1.7006	A	1.3
7	☐	10000.000	9949.213	116776276.04	3.3389	A	0.3
8	☐			16835.44	0.0005	P	12.

$$y = 3.3560E-004 * x + 2.7097E-006$$

$$R = 0.9999$$

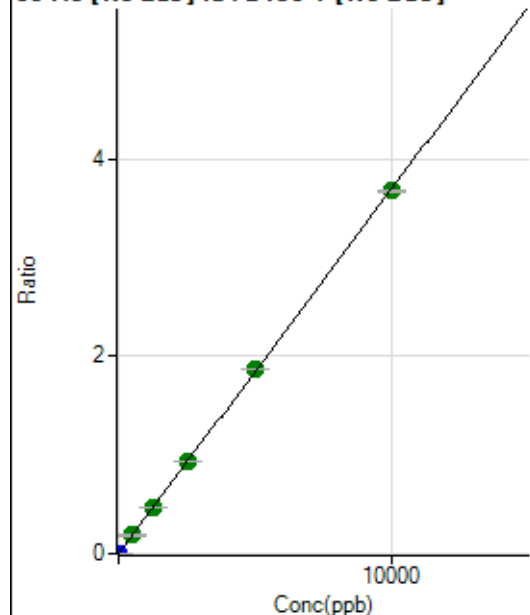
$$DL = 0.01013$$

$$BEC = 0.008074$$

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	383.34	0.0000	P	11.
2	☐	5.000	4.979	66733.33	0.0018	P	0.3
3	☐	500.000	505.095	6692091.29	0.1866	A	2.0
4	☐	1250.000	1278.821	16932292.94	0.4723	A	1.1
5	☐	2500.000	2544.164	33150671.73	0.9396	A	0.1
6	☐	5000.000	5064.647	64402752.93	1.8705	A	0.9
7	☐	10000.000	9952.778	128556545.86	3.6758	A	0.3
8	☐			35435.30	0.0010	P	8.1

$$y = 3.6932E-004 * x + 1.0750E-005$$

$$R = 1.0000$$

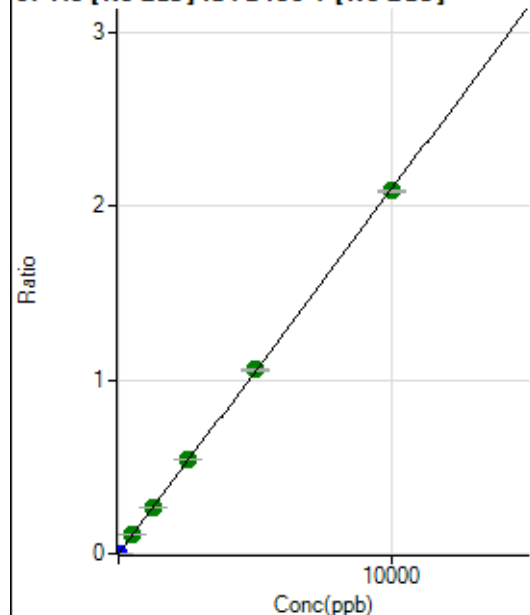
$$DL = 0.009675$$

$$BEC = 0.02911$$

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	46.67	0.0000	P	37.
2	☐	5.000	4.966	37611.63	0.0010	P	0.5
3	☐	500.000	510.938	3843028.34	0.1071	A	2.6
4	☐	1250.000	1284.070	9652340.27	0.2692	A	0.9
5	☐	2500.000	2566.268	18984400.14	0.5381	A	0.2
6	☐	5000.000	5049.200	36452429.45	1.0587	A	0.7
7	☐	10000.000	9954.027	72995065.02	2.0871	A	0.4
8	☐			10660.67	0.0003	P	12.

$$y = 2.0968E-004 * x + 1.3082E-006$$

$$R = 1.0000$$

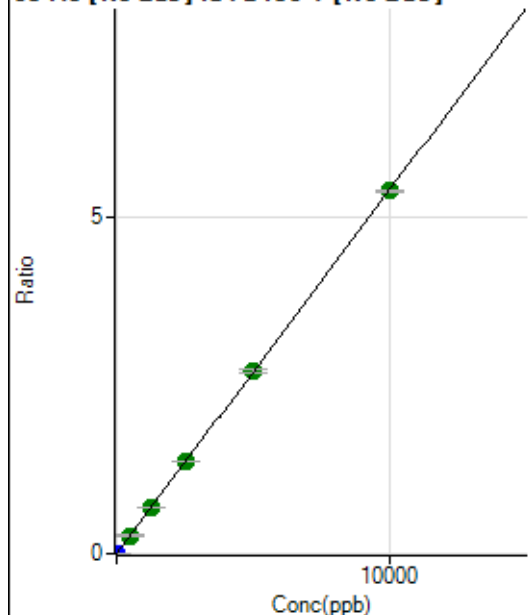
$$DL = 0.007057$$

$$BEC = 0.006239$$

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	120.00	0.0000	P	21.
2	☐	5.000	4.884	95580.88	0.0026	P	0.3
3	☐	500.000	500.979	9735676.66	0.2714	A	2.2
4	☐	1250.000	1274.498	24752638.24	0.6904	A	0.6
5	☐	2500.000	2533.133	48416129.28	1.3723	A	0.4
6	☐	5000.000	5022.970	93690405.27	2.7211	A	1.2
7	☐	10000.000	9977.121	189033557.18	5.4049	A	0.4
8	☐			26222.90	0.0008	P	14.

$$y = 5.4173E-004 * x + 3.3651E-006$$

$$R = 1.0000$$

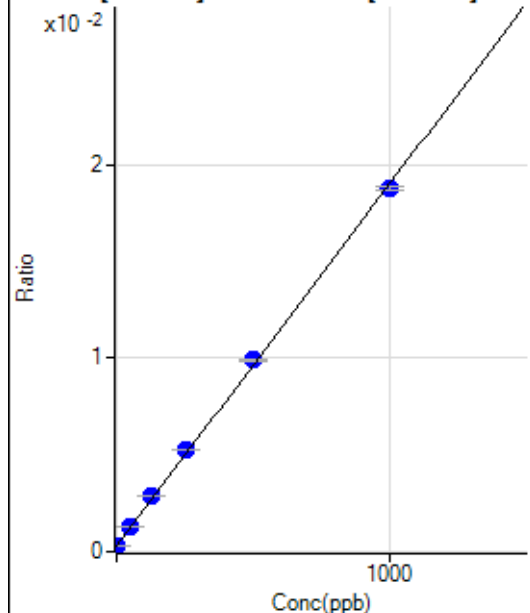
$$DL = 0.004058$$

$$BEC = 0.006212$$

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	9203.00	0.0003	P	2.6
2	☐	1.000	1.966	10548.33	0.0003	P	1.1
3	☐	50.000	54.920	42603.43	0.0013	P	1.7
4	☐	125.000	136.664	91938.42	0.0028	P	0.9
5	☐	250.000	265.761	168110.55	0.0053	P	0.3
6	☐	500.000	514.551	313158.69	0.0099	P	0.6
7	☐	1000.000	987.079	608887.19	0.0187	P	0.9
8	☐			8982.84	0.0003	P	1.1

$$y = 1.8686E-005 * x + 2.9171E-004$$

$$R = 0.9997$$

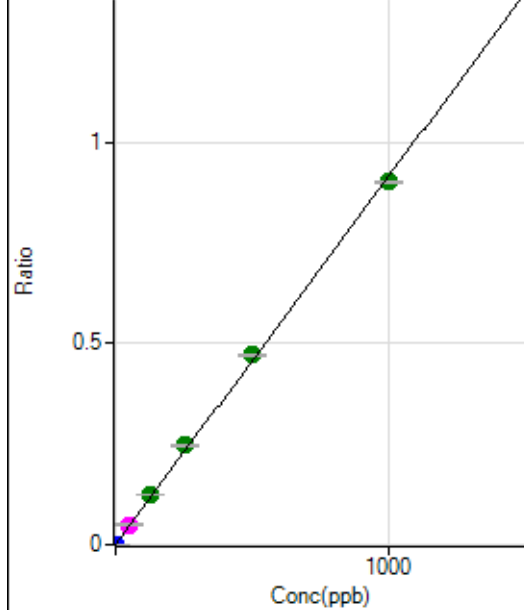
$$DL = 1.222$$

$$BEC = 15.61$$

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	352.23	0.0000	P	5.1
2	☐	1.000	1.071	31800.33	0.0010	P	0.8
3	☐	50.000	54.329	1605730.98	0.0497	M	3.3
4	☐	125.000	136.797	4039822.44	0.1250	A	0.1
5	☐	250.000	269.229	7867315.30	0.2460	A	0.8
6	☐	500.000	515.446	14890894.36	0.4711	A	0.7
7	☐	1000.000	985.779	29278123.17	0.9009	A	0.2
8	☐			3130.38	0.0001	P	13.

$$y = 9.1386E-004 * x + 1.1167E-005$$

$$R = 0.9996$$

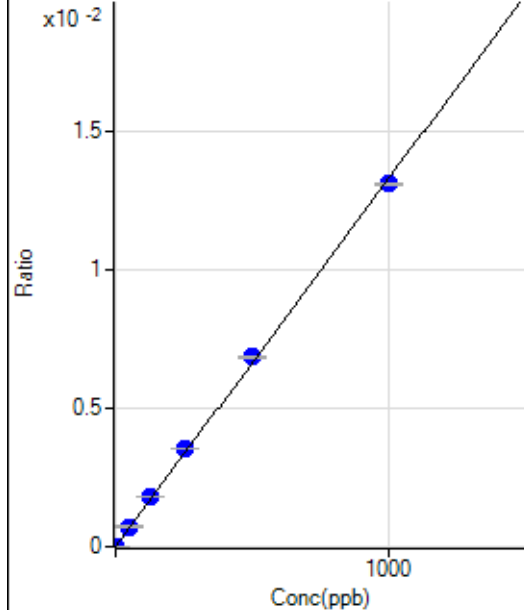
$$DL = 0.001886$$

$$BEC = 0.01222$$

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	17.78	0.0000	P	62.
2	☐	1.000	1.200	530.01	0.0000	P	4.8
3	☐	50.000	54.356	23358.91	0.0007	P	2.0
4	☐	125.000	136.438	58569.87	0.0018	P	0.2
5	☐	250.000	265.416	112732.77	0.0035	P	0.7
6	☐	500.000	516.120	216707.80	0.0069	P	1.3
7	☐	1000.000	986.438	425799.16	0.0131	P	0.4
8	☐			202.23	0.0000	P	3.9

$$y = 1.3281E-005 * x + 5.6709E-007$$

$$R = 0.9996$$

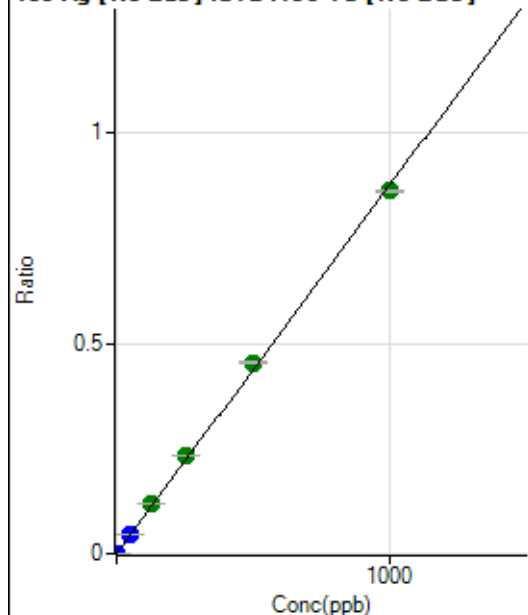
$$DL = 0.07944$$

$$BEC = 0.0427$$

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	295.56	0.0000	P	8.9
2	☐	1.000	1.060	30122.40	0.0009	P	1.2
3	☐	50.000	53.195	1507143.61	0.0466	P	1.0
4	☐	125.000	136.247	3857829.32	0.1194	A	0.4
5	☐	250.000	264.810	7419239.40	0.2320	A	0.8
6	☐	500.000	519.124	14379571.03	0.4549	A	1.0
7	☐	1000.000	985.170	28054592.08	0.8632	A	0.2
8	☐			2945.89	0.0001	P	15.

$$y = 8.7622E-004 * x + 9.3751E-006$$

R = 0.9996

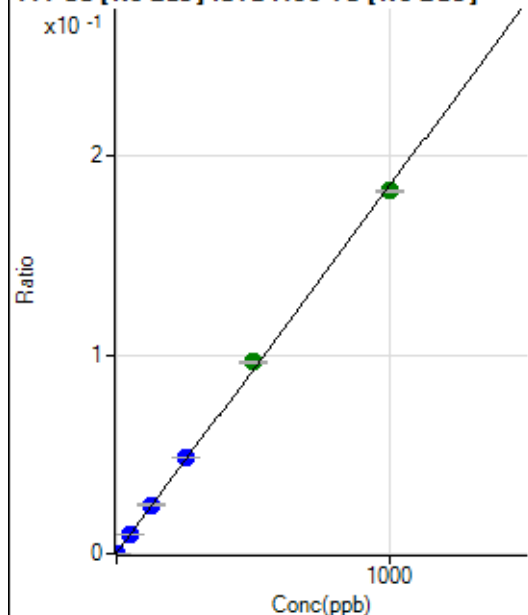
DL = 0.002865

BEC = 0.0107

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	6499.65	0.0002	P	2.5
2	☐	1.000	1.183	13633.28	0.0004	P	1.0
3	☐	50.000	52.837	322008.82	0.0100	P	1.0
4	☐	125.000	132.370	796313.40	0.0246	P	0.3
5	☐	250.000	258.624	1533291.01	0.0480	P	0.1
6	☐	500.000	520.336	3043263.46	0.0963	A	1.1
7	☐	1000.000	986.612	5926391.40	0.1824	A	0.8
8	☐			7205.36	0.0002	P	1.3

$$y = 1.8462E-004 * x + 2.0602E-004$$

R = 0.9996

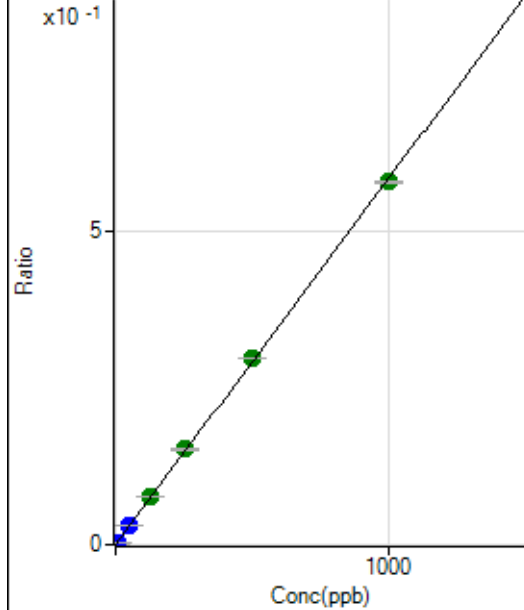
DL = 0.08219

BEC = 1.116

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	3263.76	0.0001	P	5.2
2	☐	5.000	5.279	102399.43	0.0032	P	0.7
3	☐	50.000	51.347	973345.61	0.0301	P	1.4
4	☐	125.000	130.713	2471357.05	0.0765	A	1.1
5	☐	250.000	260.478	4870319.34	0.1523	A	0.8
6	☐	500.000	510.320	9430224.72	0.2983	A	0.6
7	☐	1000.000	991.438	18832511.39	0.5795	A	0.7
8	☐			9807.89	0.0003	P	2.7

$$y = 5.8436E-004 * x + 1.0347E-004$$

$$R = 0.9999$$

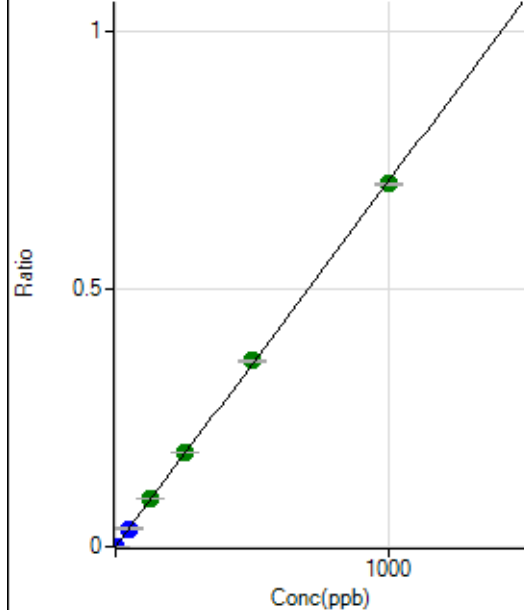
$$DL = 0.0276$$

$$BEC = 0.1771$$

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	68.89	0.0000	P	43.
2	☐	2.000	2.054	46914.07	0.0015	P	1.5
3	☐	50.000	49.972	1147142.17	0.0355	P	1.2
4	☐	125.000	130.622	2996799.12	0.0927	A	0.4
5	☐	250.000	258.029	5857810.26	0.1832	A	0.6
6	☐	500.000	508.270	11408091.64	0.3609	A	0.6
7	☐	1000.000	993.156	22917032.99	0.7052	A	0.2
8	☐			11426.90	0.0004	P	10.

$$y = 7.1001E-004 * x + 2.1775E-006$$

$$R = 0.9999$$

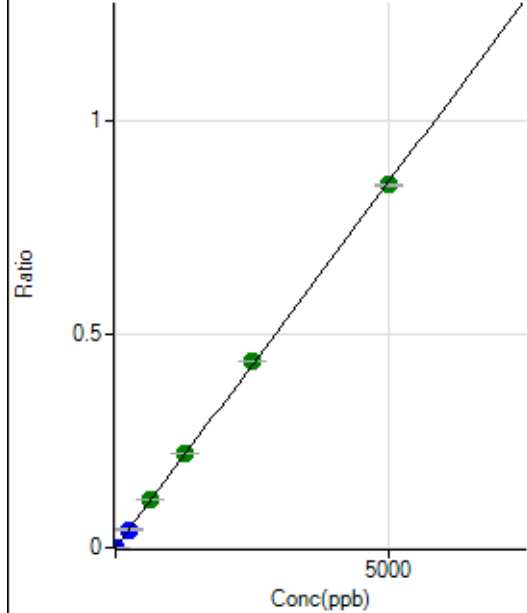
$$DL = 0.00396$$

$$BEC = 0.003067$$

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	242.23	0.0000	P	8.1
2	☐	10.000	10.272	56645.56	0.0018	P	1.2
3	☐	250.000	249.750	1380584.77	0.0427	P	0.9
4	☐	625.000	656.552	3627163.90	0.1123	A	0.8
5	☐	1250.000	1286.882	7034842.95	0.2200	A	0.7
6	☐	2500.000	2546.518	13762504.52	0.4354	A	0.2
7	☐	5000.000	4963.588	27578662.37	0.8486	A	0.3
8	☐			10452.82	0.0003	P	6.6

$$y = 1.7096E-004 * x + 7.6720E-006$$

$$R = 0.9999$$

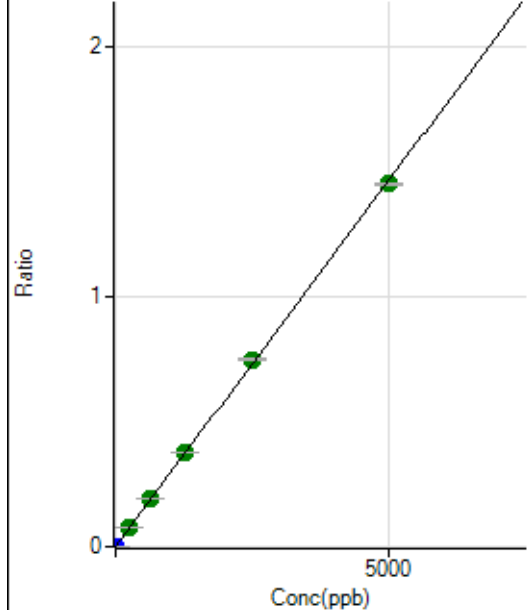
$$DL = 0.01096$$

$$BEC = 0.04488$$

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	471.12	0.0000	P	12.
2	☐	10.000	10.305	97439.73	0.0030	P	2.1
3	☐	250.000	258.253	2446588.73	0.0757	A	1.9
4	☐	625.000	650.123	6155264.21	0.1905	A	1.0
5	☐	1250.000	1291.926	12103320.93	0.3785	A	1.1
6	☐	2500.000	2554.926	23663706.59	0.7486	A	0.7
7	☐	5000.000	4958.502	47214538.19	1.4528	A	0.4
8	☐			18469.84	0.0006	P	5.0

$$y = 2.9299E-004 * x + 1.4939E-005$$

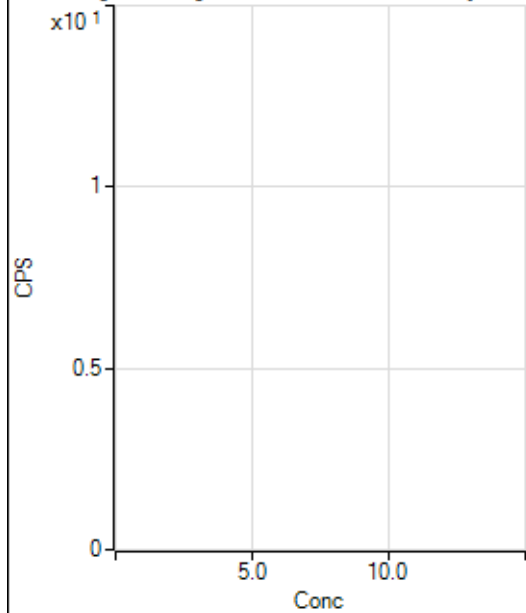
$$R = 0.9999$$

$$DL = 0.01916$$

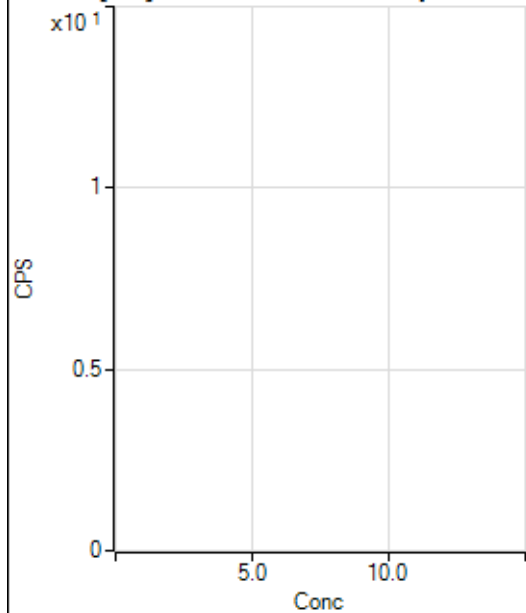
$$BEC = 0.05099$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

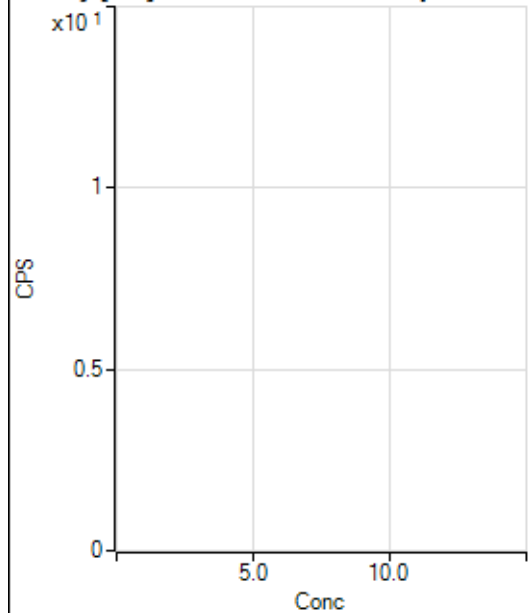
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	43.
2	☐			24.44		P	41.
3	☐			104.45		P	20.
4	☐			166.67		P	19.
5	☐			301.12		P	8.0
6	☐			615.58		P	4.7
7	☐			1201.17		P	5.5
8	☐			474.46		P	10.

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.
2	☐			11.11		P	96.
3	☐			28.89		P	33.
4	☐			58.89		P	25.
5	☐			82.22		P	16.
6	☐			148.89		P	20.
7	☐			294.45		P	9.8
8	☐			252.23		P	10.

156 Dy [No Gas] No available calibration points

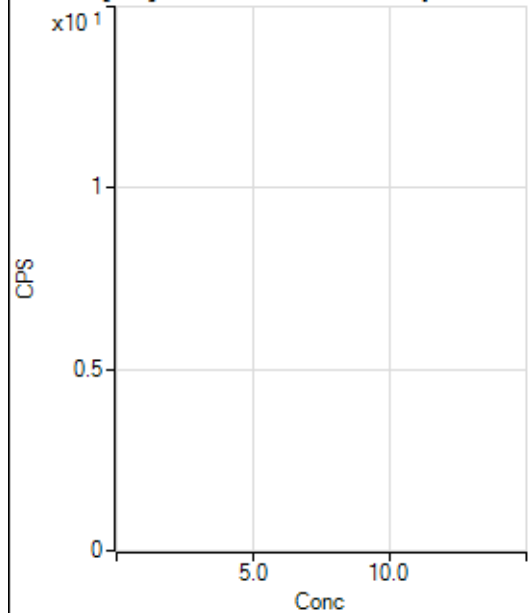
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			320.01		P	12.
2	☐			306.67		P	11.
3	☐			275.56		P	2.5
4	☐			321.12		P	6.1
5	☐			398.90		P	12.
6	☐			503.35		P	10.
7	☐			733.36		P	7.4
8	☐			1210.10		P	4.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.33		P	18.
2	☐			73.33		P	4.5
3	☐			110.00		P	10.
4	☐			233.34		P	20.
5	☐			395.56		P	11.
6	☐			666.69		P	1.5
7	☐			1223.40		P	4.6
8	☐			688.91		P	9.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			121.11		P	16.
2	☐			128.89		P	15.
3	☐			151.12		P	11.
4	☐			165.56		P	13.
5	☐			194.45		P	7.9
6	☐			252.23		P	4.6
7	☐			340.01		P	10.
8	☐			843.37		P	6.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1162.28		P	5.6
2	☐			1093.38		P	7.8
3	☐			1212.29		P	4.4
4	☐			1230.06		P	6.8
5	☐			1156.73		P	1.0
6	☐			1225.62		P	9.5
7	☐			1347.85		P	4.1
8	☐			1560.11		P	6.5

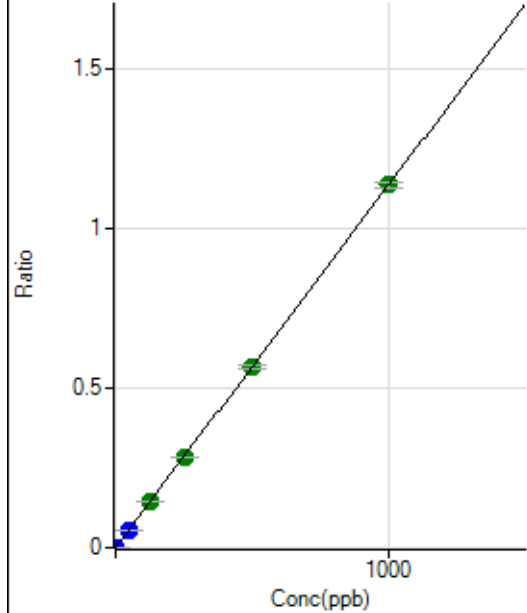
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.34		P	17.
2	☐			93.33		P	15.
3	☐			112.22		P	3.4
4	☐			180.00		P	9.6
5	☐			212.23		P	13.
6	☐			256.67		P	4.5
7	☐			398.90		P	5.1
8	☐			1055.61		P	4.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	17.
2	☐			91.11		P	18.
3	☐			97.78		P	22.
4	☐			104.45		P	28.
5	☐			126.67		P	16.
6	☐			168.89		P	19.
7	☐			252.23		P	4.2
8	☐			674.47		P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.56	0.0000	P	12.
2	☐	1.000	0.956	20536.71	0.0011	P	1.0
3	☐	50.000	48.346	1019110.84	0.0550	P	2.2
4	☐	125.000	127.232	2669953.81	0.1446	A	0.1
5	☐	250.000	251.084	5212906.10	0.2854	A	0.7
6	☐	500.000	497.562	10232498.39	0.5655	A	1.6
7	☐	1000.000	1000.752	20567196.08	1.1375	A	1.8
8	☐			1606.78	0.0001	P	20.

$$y = 0.0011 * x + 1.8214E-005$$

$$R = 1.0000$$

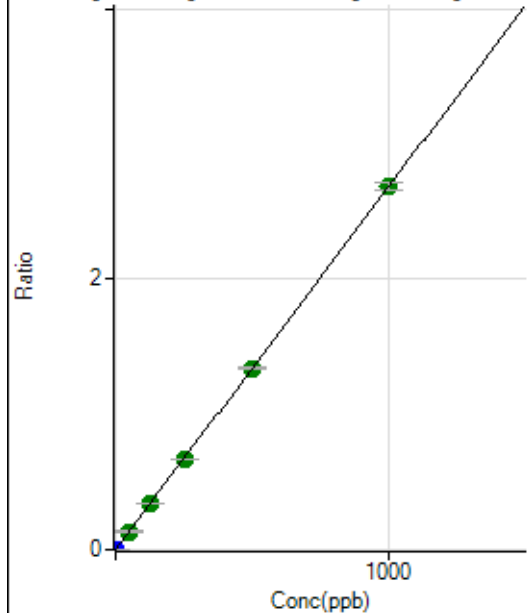
$$DL = 0.006121$$

$$BEC = 0.01602$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	705.58	0.0000	P	4.0
2	☐	1.000	0.967	48903.04	0.0026	P	0.6
3	☐	50.000	50.096	2492013.22	0.1344	A	2.2
4	☐	125.000	127.438	6311136.02	0.3419	A	0.6
5	☐	250.000	250.004	12249084.40	0.6706	A	0.2
6	☐	500.000	499.340	24235483.81	1.3394	A	1.1
7	☐	1000.000	1000.020	48501525.39	2.6824	A	2.0
8	☐			3846.17	0.0002	P	24.

$$y = 0.0027 * x + 3.8306E-005$$

$$R = 1.0000$$

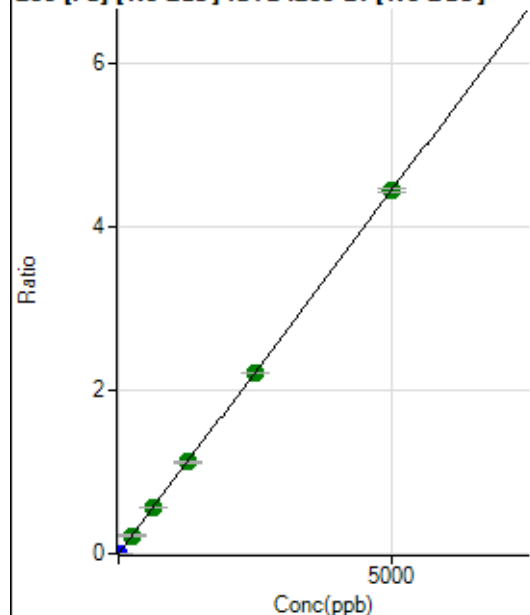
$$DL = 0.001713$$

$$BEC = 0.01428$$

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	1268.96	0.0001	P	3.0
2	☐	1.000	0.998	17743.92	0.0010	P	1.0
3	☐	250.000	250.218	4117200.91	0.2221	A	2.8
4	☐	625.000	636.219	10421027.62	0.5645	A	0.9
5	☐	1250.000	1265.800	20513993.44	1.1231	A	1.2
6	☐	2500.000	2496.037	40073589.96	2.2146	A	0.3
7	☐	5000.000	4996.618	80165176.03	4.4331	A	0.9
8	☐			10476.40	0.0007	P	12.

$$y = 8.8720E-004 * x + 6.8903E-005$$

$$R = 1.0000$$

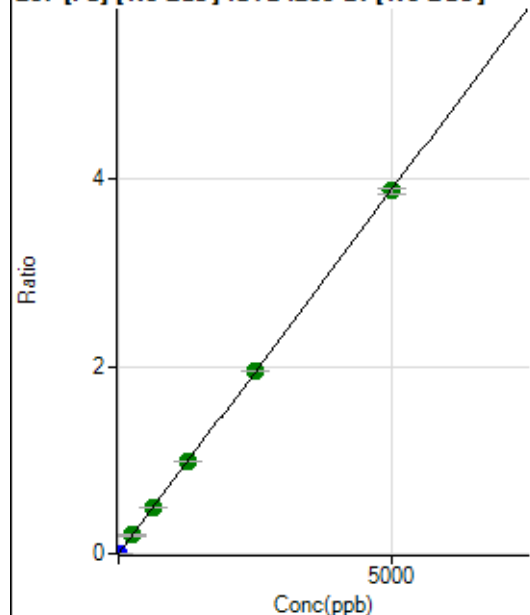
$$DL = 0.007085$$

$$BEC = 0.07766$$

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	1064.50	0.0001	P	3.3
2	☐	1.000	0.979	15197.48	0.0008	P	1.3
3	☐	250.000	252.436	3633988.21	0.1960	A	1.9
4	☐	625.000	639.719	9167537.43	0.4966	A	0.9
5	☐	1250.000	1272.798	18046664.45	0.9880	A	1.1
6	☐	2500.000	2509.578	35250409.47	1.9481	A	0.5
7	☐	5000.000	4987.550	70008105.07	3.8715	A	1.3
8	☐			8830.76	0.0006	P	10.

$$y = 7.7623E-004 * x + 5.7804E-005$$

$$R = 1.0000$$

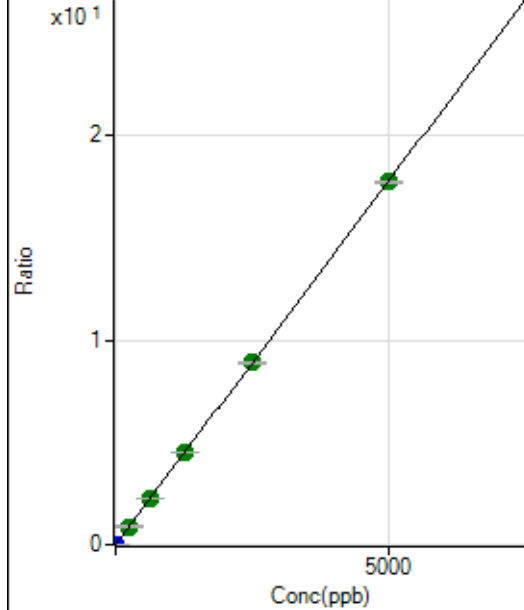
$$DL = 0.007269$$

$$BEC = 0.07447$$

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	4917.06	0.0003	P	2.5
2	☐	1.000	0.990	70267.06	0.0038	P	0.1
3	☐	250.000	250.586	16502760.87	0.8901	A	2.0
4	☐	625.000	636.164	41706680.29	2.2593	A	0.7
5	☐	1250.000	1269.792	82364561.13	4.5093	A	0.8
6	☐	2500.000	2505.724	161011933.71	8.8982	A	0.6
7	☐	5000.000	4990.765	320489330.78	17.7226	A	0.9
8	☐			40954.73	0.0026	P	12.

$y = 0.0036 * x + 2.6699E-004$

$R = 1.0000$

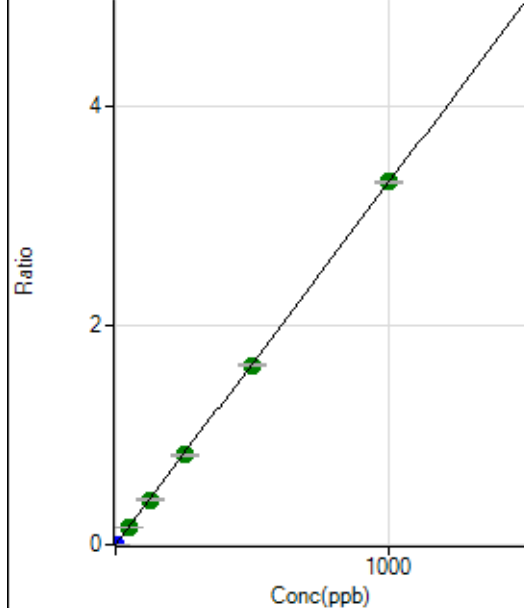
$DL = 0.005558$

$BEC = 0.07519$

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	45.56	0.0000	P	23.
2	☐	1.000	0.931	57232.66	0.0031	P	0.8
3	☐	50.000	48.565	2976216.76	0.1605	A	1.8
4	☐	125.000	124.358	7587538.71	0.4110	A	1.4
5	☐	250.000	248.128	14979849.22	0.8201	A	1.1
6	☐	500.000	496.605	29699839.28	1.6414	A	1.3
7	☐	1000.000	1002.318	59912281.88	3.3130	A	0.7
8	☐			3406.08	0.0002	P	38.

$y = 0.0033 * x + 2.4763E-006$

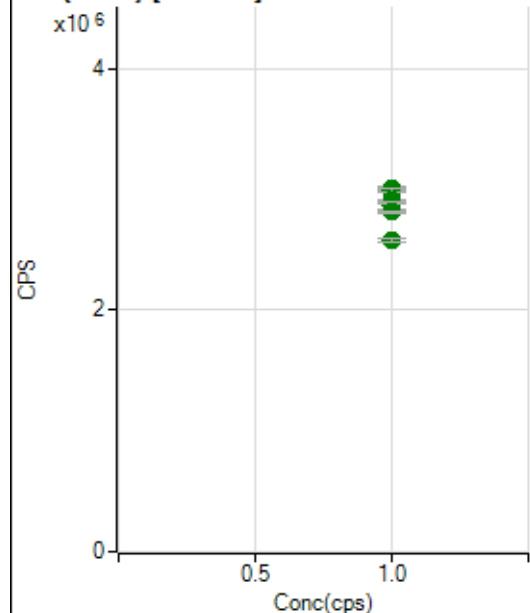
$R = 1.0000$

$DL = 0.0005217$

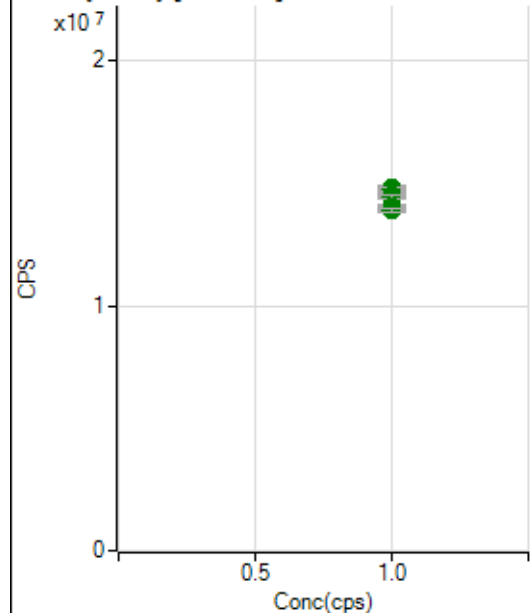
$BEC = 0.0007492$

Weight: <None>

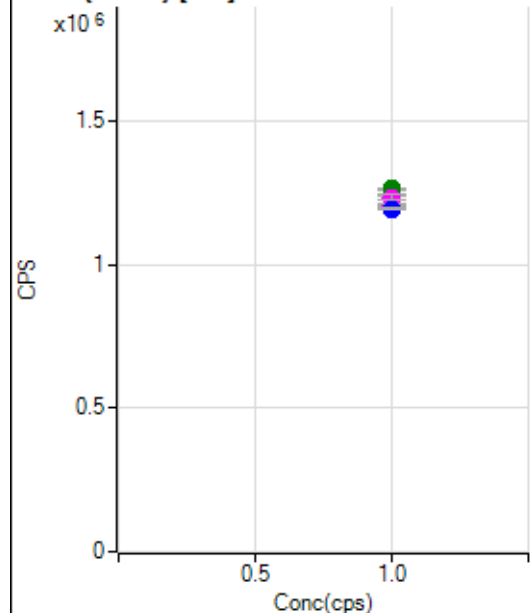
Min Conc: 0

6 Li (ISTD) [No Gas]

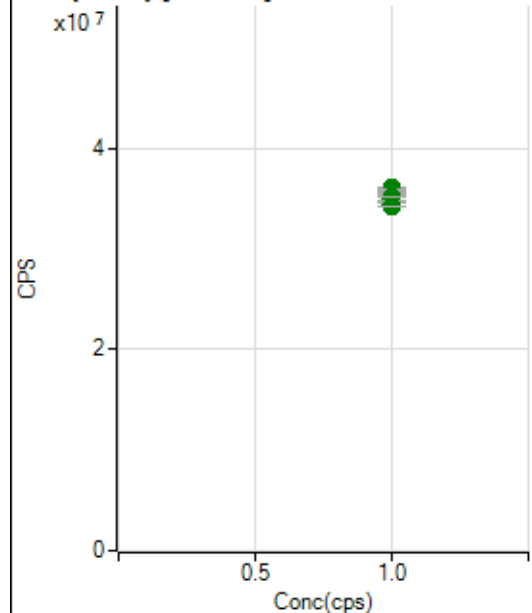
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2870244.57		A	2.3
2	☐	1.000		2991446.30		A	1.3
3	☐	1.000		3000688.50		A	1.2
4	☐	1.000		2993920.99		A	0.8
5	☐	1.000		2911888.49		A	0.3
6	☐	1.000		2887765.72		A	0.1
7	☐	1.000		2810509.52		A	0.9
8	☐	1.000		2573268.37		A	1.2

45 Sc (ISTD) [No Gas]

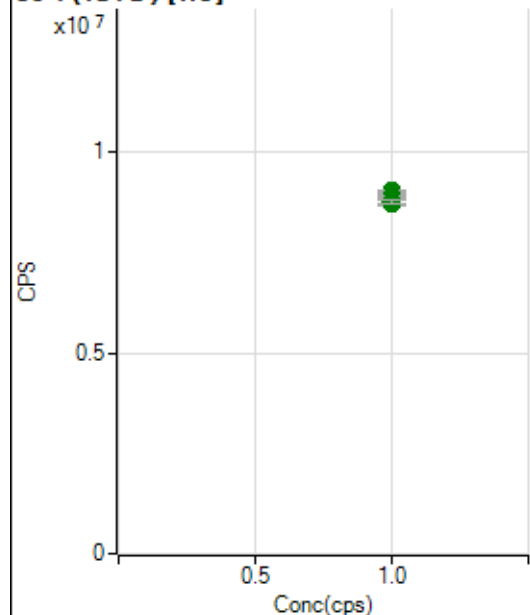
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14713214.36		A	0.9
2	☐	1.000		14824401.31		A	1.2
3	☐	1.000		14778893.25		A	0.9
4	☐	1.000		14542397.56		A	0.6
5	☐	1.000		14453548.95		A	1.0
6	☐	1.000		14082481.46		A	0.3
7	☐	1.000		13983734.24		A	0.7
8	☐	1.000		13875564.79		A	1.1

45 Sc (ISTD) [He]

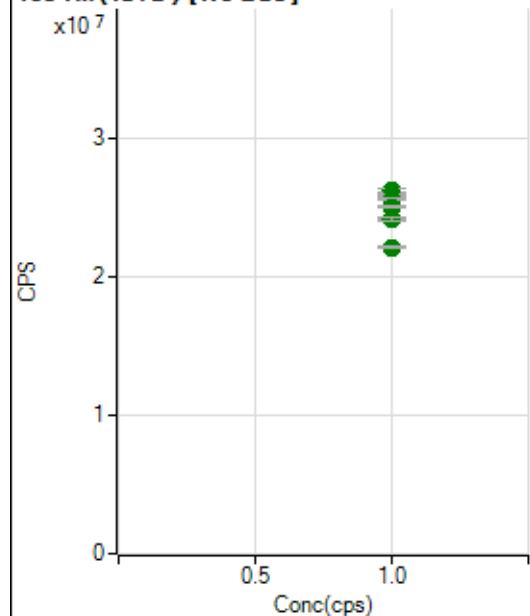
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1260529.99		A	0.8
2	☐	1.000		1262989.37		A	0.6
3	☐	1.000		1258896.71		A	0.1
4	☐	1.000		1244037.76		A	0.6
5	☐	1.000		1223738.03		M	2.9
6	☐	1.000		1201755.58		M	1.5
7	☐	1.000		1234414.75		M	2.0
8	☐	1.000		1193769.58		P	0.9

89 Y (ISTD) [No Gas]

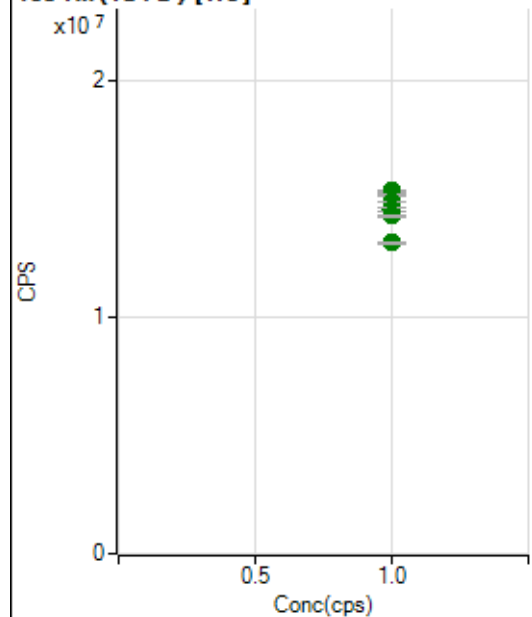
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		35665885.30		A	0.2
2	☐	1.000		36079831.68		A	0.4
3	☐	1.000		35874511.41		A	0.5
4	☐	1.000		35851485.02		A	0.7
5	☐	1.000		35281126.14		A	0.4
6	☐	1.000		34432500.60		A	0.8
7	☐	1.000		34974614.48		A	0.7
8	☐	1.000		34256463.10		A	0.3

89 Y (ISTD) [He]

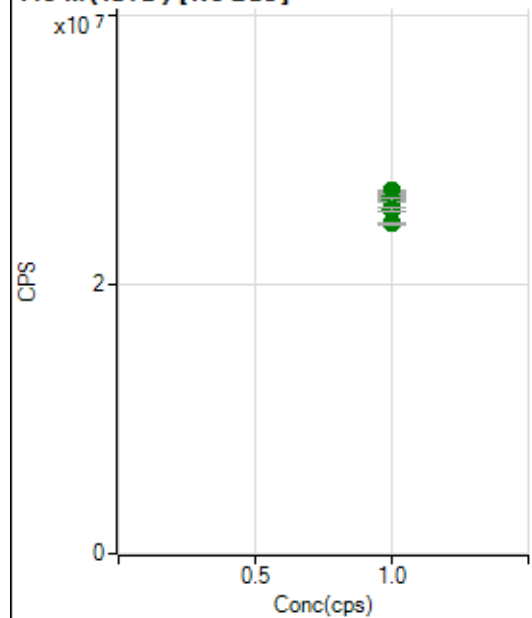
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9030976.39		A	0.3
2	☐	1.000		8981211.88		A	0.3
3	☐	1.000		9021868.96		A	0.5
4	☐	1.000		8912879.31		A	0.2
5	☐	1.000		8750679.80		A	0.8
6	☐	1.000		8692530.49		A	0.7
7	☐	1.000		8874536.95		A	0.7
8	☐	1.000		8763835.56		A	0.9

103 Rh (ISTD) [No Gas]

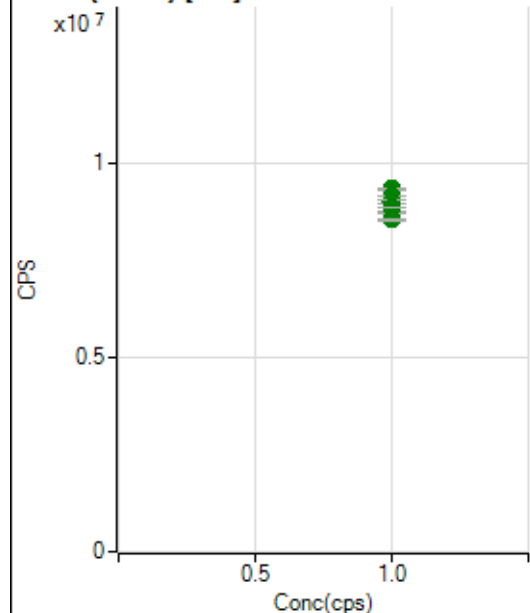
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		25785816.28		A	1.6
2	☐	1.000		26194567.39		A	1.0
3	☐	1.000		25905180.72		A	0.5
4	☐	1.000		25610945.17		A	0.7
5	☐	1.000		25036597.68		A	0.7
6	☐	1.000		24120876.87		A	0.9
7	☐	1.000		24182138.25		A	0.9
8	☐	1.000		22133590.23		A	1.1

103 Rh (ISTD) [He]

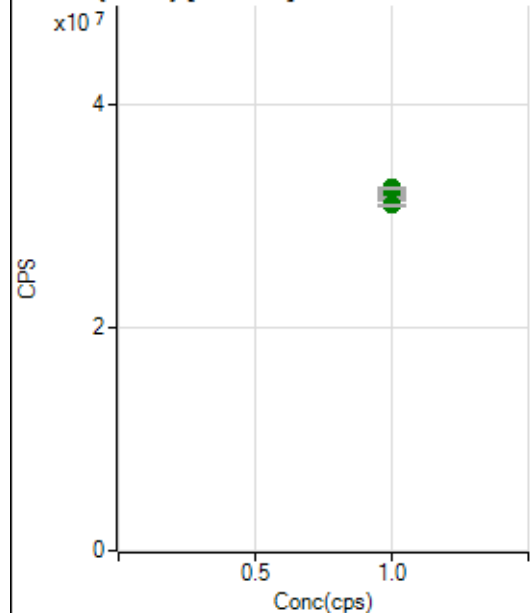
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15362197.13		A	0.3
2	☐	1.000		15221193.80		A	0.5
3	☐	1.000		15167441.58		A	0.2
4	☐	1.000		14916636.03		A	0.3
5	☐	1.000		14572455.62		A	0.6
6	☐	1.000		14313842.15		A	0.1
7	☐	1.000		14290566.04		A	0.5
8	☐	1.000		13154620.78		A	0.2

115 In (ISTD) [No Gas]

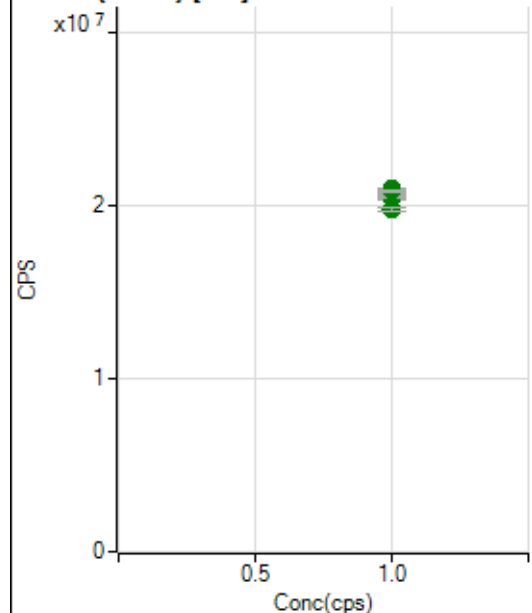
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		26562968.01		A	0.4
2	☐	1.000		26974731.11		A	0.2
3	☐	1.000		26814454.68		A	0.5
4	☐	1.000		26526306.52		A	1.1
5	☐	1.000		26309882.13		A	1.3
6	☐	1.000		25601842.45		A	1.1
7	☐	1.000		25617644.69		A	0.8
8	☐	1.000		24531011.28		A	0.6

115 In (ISTD) [He]

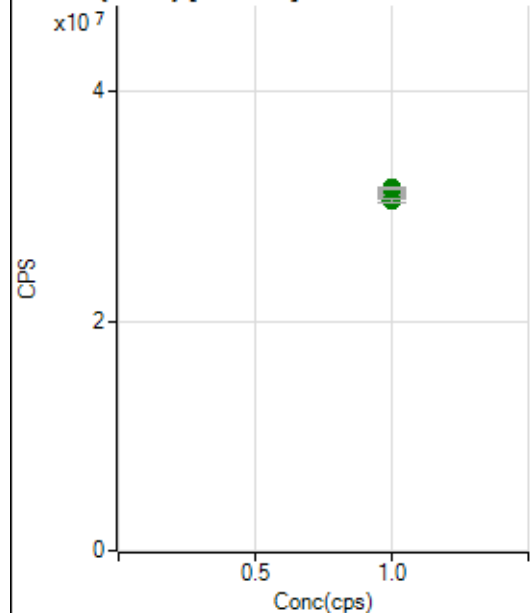
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9322266.29		A	0.3
2	☐	1.000		9316128.44		A	0.2
3	☐	1.000		9336816.24		A	0.7
4	☐	1.000		9155728.39		A	0.3
5	☐	1.000		8998437.61		A	0.8
6	☐	1.000		8725833.20		A	0.4
7	☐	1.000		8851021.43		A	0.2
8	☐	1.000		8541393.11		A	0.3

159 Tb (ISTD) [No Gas]

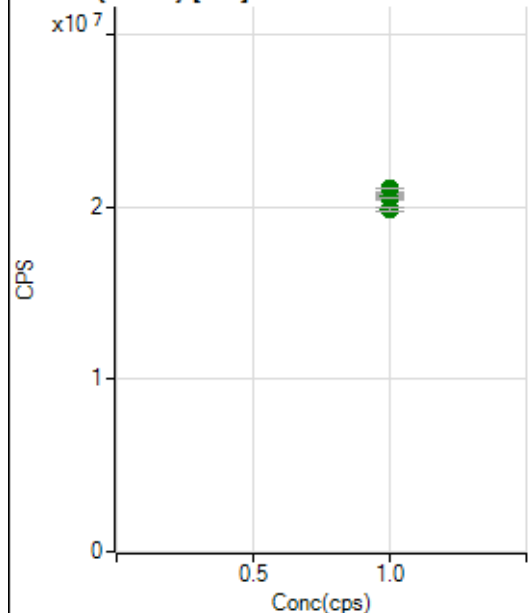
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		31556625.64		A	1.6
2	☐	1.000		32117825.91		A	0.8
3	☐	1.000		32326695.07		A	1.1
4	☐	1.000		32312030.63		A	0.5
5	☐	1.000		31974590.35		A	0.6
6	☐	1.000		31611780.92		A	0.2
7	☐	1.000		32499506.18		A	0.6
8	☐	1.000		30923577.87		A	0.7

159 Tb (ISTD) [He]

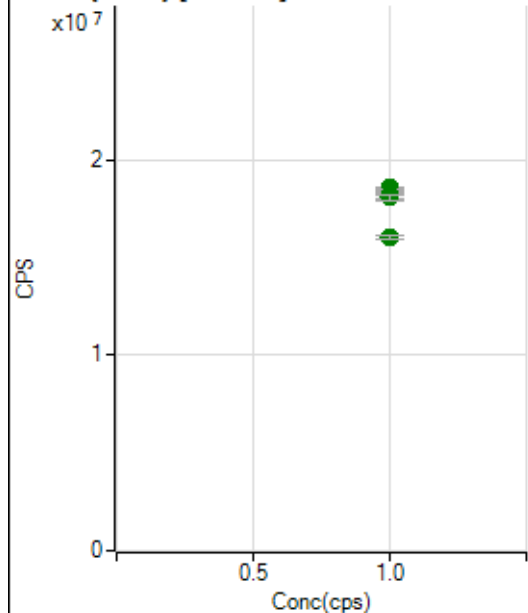
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20692741.77		A	0.5
2	☐	1.000		20817364.69		A	1.0
3	☐	1.000		20988486.08		A	0.4
4	☐	1.000		20791189.83		A	0.9
5	☐	1.000		20473883.17		A	0.9
6	☐	1.000		20514160.25		A	0.1
7	☐	1.000		20864050.80		A	0.6
8	☐	1.000		19826446.23		A	1.4

165 Ho (ISTD) [No Gas]

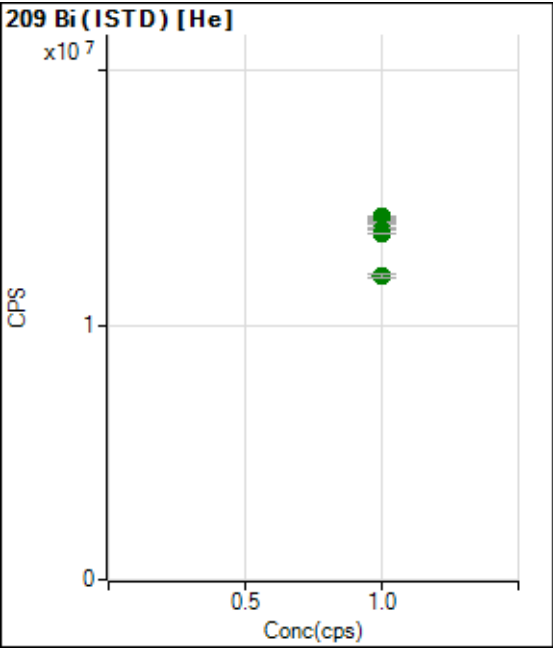
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30788975.37		A	1.0
2	☐	1.000		31371513.70		A	0.1
3	☐	1.000		31238029.81		A	0.8
4	☐	1.000		31072619.54		A	1.1
5	☐	1.000		31077689.81		A	0.5
6	☐	1.000		30900276.48		A	0.4
7	☐	1.000		31594659.81		A	0.5
8	☐	1.000		30481902.32		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20712788.16		A	0.2
2	☐	1.000		20767441.63		A	0.9
3	☐	1.000		20703250.25		A	0.7
4	☐	1.000		20691310.52		A	0.1
5	☐	1.000		20486192.33		A	0.5
6	☐	1.000		20620421.50		A	0.7
7	☐	1.000		21033287.60		A	0.1
8	☐	1.000		19867115.12		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18419077.50		A	0.9
2	☐	1.000		18584526.11		A	0.6
3	☐	1.000		18539870.42		A	0.3
4	☐	1.000		18460750.00		A	1.0
5	☐	1.000		18265200.70		A	0.4
6	☐	1.000		18095603.48		A	1.2
7	☐	1.000		18085079.87		A	1.5
8	☐	1.000		16019835.46		A	1.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14187484.93		A	0.5
2	☐	1.000		14241866.46		A	0.7
3	☐	1.000		14124382.70		A	0.5
4	☐	1.000		14024020.21		A	0.6
5	☐	1.000		13736294.38		A	0.4
6	☐	1.000		13756926.04		A	0.6
7	☐	1.000		13594647.85		A	0.3
8	☐	1.000		11952498.02		A	1.4

US EPA Tune Check Report

Reviewed By: Mohan
On: 11/15/2024 3:09:33 AM
Inst Id : P7
Client Sample Id : TUNE001

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7111424MS5.b
Acq. Date-Time 2024-11-14 12:21:20
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		27821	278213.66			0.583	5.000
24		166023	1660234.97			0.800	5.000
25		20529	205289.76			0.349	5.000
26		23499	234991.92			0.336	5.000
59		207766	2077663.14			0.653	5.000
113		26666	266657.58			0.520	5.000
115		336416	3364158.28			1.080	5.000
206		65458	654575.37			0.712	5.000
207		56826	568260.58			0.574	5.000
208		141891	1418909.91			1.339	5.000
220		0	2.10			31.044	

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	28098	27735	27685	27818	27771
24	168213	166153	164840	165138	165773
25	20484	20429	20607	20571	20555
26	23388	23566	23461	23580	23501
59	208464	209441	207932	205851	207145
113	26892	26705	26590	26582	26559
115	339943	336863	331526	339690	334057
206	66246	65362	65276	65008	65395
207	57361	56848	56538	56592	56791
208	144523	141125	141846	139358	142604

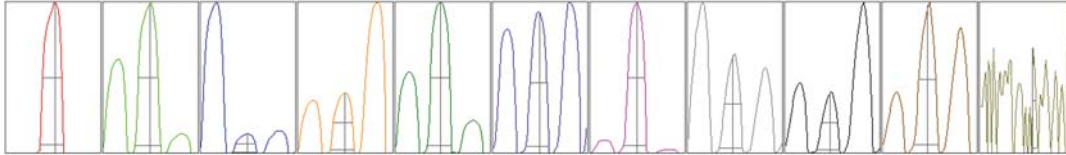
US EPA Tune Check Report

Reviewed By: Mohan
On: 11/15/2024 3:09:33 AM
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	49678.17	9.10	8.90 - 9.10	
24	283266.58	24.00	23.90 - 24.10	
25	35587.39	25.00	24.90 - 25.10	
26	40515.38	26.00	25.90 - 26.10	
59	355719.66	58.95	58.90 - 59.10	
113	52178.22	113.00	112.90 - 113.10	
115	650469.39	115.00	114.90 - 115.10	
206	131282.77	205.95	205.90 - 206.10	
207	114781.22	206.95	206.90 - 207.10	
208	278466.19	207.95	207.90 - 208.10	
220	0.45	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.734	0.900	
24	0.62	0.813	0.900	
25	0.61	0.744	0.900	
26	0.61	0.761	0.900	
59	0.61	0.771	0.900	
113	0.52	0.735	0.900	
115	0.53	0.731	0.900	
206	0.51	0.736	0.900	
207	0.50	0.734	0.900	
208	0.53	0.786	0.900	
220	0.11	0.190		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

Reviewed By: Mohan
On: 11/15/2024 3:09:33 AM
Inst Id : P7
ClientSampleId
TUNE001

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	15.6 V
Extract 2	-140.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.5 mm
---------	--------	---------	--------

EM

Discriminator	4.8 mV	Analog HV	2214 V	Pulse HV	969 V
---------------	--------	-----------	--------	----------	-------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		68673	686732.05			0.558	
89		105439	1054385.97			0.884	
205		66027	660272.48			0.596	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	69221	68842	68587	68194	68522
89	106341	105379	106363	104208	104902
205	66563	66196	65540	65772	66066

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.5 V	Deflect	3.6 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Reviewed By:Mohan
On:11/15/2024 3:09:33
AM
Inst Id :P7
ClientSampleId
TUNE001

Extract 2	-160.0 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	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.15		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.5 mm		
EM					
Discriminator	4.8 mV	Analog HV	2214 V	Pulse HV	969 V

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:10:50

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.05	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.42	-0.03	-0.39	0.00	N/A	ppb
Cadmium	111-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	0.00	-1.05	1.05	0.00	N/A	ppb
Calcium	44-1	0.44	-0.17	-0.27	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.07	-0.08	0.00	0.00	N/A	ppb
Iron	57-2	-0.06	0.71	-0.65	0.00	N/A	ppb
Iron	54-2	0.20	-0.36	0.17	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB133462

Operator : Jaswal

Lab Sample ID : S00

Instrumnet Name : P7

Client Sample ID : S0

Dilution Factor : 1

Date & Time Acquired : 2024-11-14 13:10:50

DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.04	0.01	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-17.20	-15.84	-17.06	-16.70		ppb
Potassium	39-2	-0.27	-0.19	0.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.22	-0.28	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	0.02	-0.41	0.00	N/A	ppb
Silicon	28-1	0.33	-0.48	0.14	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.32	-0.02	-0.31	0.00	N/A	ppb
Strontium	86-1	-0.06	-0.06	0.12	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-92.28	-91.22	-10.94	-64.81		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	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:10:50

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	0.09	-0.08	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :LB133462Operator :Jaswal

Lab Sample ID :S02Instrumnet Name :P7

Client Sample ID :S02Dilution Factor :1

Date & Time Acquired :2024-11-14 13:17:23DataFile Name :006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.43	22.33	19.47	20.08	10.07	ppb
Antimony	121-1	2.02	2.08	2.06	2.05	1.47	ppb
Arsenic	75-2	0.94	1.10	1.11	1.05	9.08	ppb
Barium	135-1	10.17	10.41	10.24	10.27	1.23	ppb
Barium	137-1	10.20	10.55	10.16	10.30	2.09	ppb
Beryllium	9-1	1.04	1.09	0.97	1.04	5.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.19	1.14	1.20	4.97	ppb
Cadmium	106-1	2.14	2.00	1.76	1.97	9.82	ppb
Cadmium	111-1	1.20	1.19	1.16	1.18	1.91	ppb
Calcium	43-1	522.01	533.05	530.15	528.40	1.08	ppb
Calcium	44-1	530.72	533.51	520.10	528.11	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.07	2.05	2.08	1.19	ppb
Cobalt	59-2	1.09	1.07	1.09	1.08	1.05	ppb
Copper	63-2	2.01	2.02	2.01	2.01	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	54.53	53.50	54.58	54.21	1.12	ppb
Iron	57-2	56.01	57.07	55.36	56.15	1.54	ppb
Iron	54-2	53.29	54.29	55.04	54.21	1.62	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:17:23

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	1.01	0.99	1.00	1.03	ppb
Lead	207-1	0.96	0.98	0.99	0.98	1.37	ppb
Lead	208-1	0.99	0.99	0.99	0.99	0.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	503.16	494.85	509.36	502.46	1.45	ppb
Manganese	55-2	1.04	1.06	1.07	1.06	1.41	ppb
Molybdenum	94-1	5.76	5.76	5.80	5.77	0.40	ppb
Molybdenum	95-1	4.88	4.88	4.92	4.89	0.47	ppb
Molybdenum	96-1	4.98	4.99	4.97	4.98	0.26	ppb
Molybdenum	97-1	4.96	4.94	4.99	4.97	0.46	ppb
Molybdenum	98-1	4.87	4.89	4.90	4.88	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	1.07	1.04	2.79	ppb
Phosphorus	31-2	17.94	15.46	16.71	16.70	7.44	ppb
Potassium	39-2	516.03	508.70	516.05	513.59	0.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.17	5.07	5.46	5.23	3.88	ppb
Selenium	77-2	5.97	5.71	4.55	5.41	13.99	ppb
Selenium	78-2	4.52	3.84	5.58	4.65	18.86	ppb
Silicon	28-1	0.77	1.20	0.09	0.69	81.12	ppb
Silver	107-1	1.06	1.08	1.07	1.07	0.77	ppb
Silver	109-1	1.05	1.07	1.06	1.06	1.26	ppb
Sodium	23-2	496.34	493.41	499.42	496.39	0.61	ppb
Strontium	86-1	24.15	25.06	25.71	24.98	3.13	ppb
Strontium	88-1	25.18	25.54	25.55	25.42	0.83	ppb
Sulfur	34-1	96.72	90.11	7.60	64.81	76.61	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.96	0.97	0.95	0.96	0.98	ppb
Thallium	205-1	0.97	0.96	0.97	0.97	0.62	ppb
Tin	118-1	5.28	5.32	5.24	5.28	0.70	ppb
Titanium	47-1	5.07	5.08	5.08	5.08	0.07	ppb

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :S02

Instrumnet Name :P7

Client Sample ID :S02

Dilution Factor :1

Date & Time Acquired :2024-11-14 13:17:23

DataFile Name :006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.94	0.92	0.93	0.82	ppb
Vanadium	51-2	5.10	5.07	5.13	5.10	0.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5.68	5.11	5.38	5.39	5.28	ppb
Zirconium	90-1	1.00	1.00	0.98	0.99	0.98	ppb
Zirconium	91-1	0.95	0.99	0.99	0.98	2.39	ppb

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

LB133462
S03
S03
2024-11-14 13:20:38

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	992.72	992.96	990.91	992.19	0.11	ppb
Antimony	121-1	49.29	50.16	50.47	49.97	1.22	ppb
Arsenic	75-2	53.09	52.30	52.30	52.56	0.87	ppb
Barium	135-1	247.23	250.58	251.44	249.75	0.89	ppb
Barium	137-1	254.63	256.33	263.80	258.25	1.89	ppb
Beryllium	9-1	48.20	49.56	50.47	49.41	2.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.12	55.04	54.91	54.36	1.97	ppb
Cadmium	106-1	54.55	53.93	56.28	54.92	2.22	ppb
Cadmium	111-1	52.48	52.60	53.43	52.84	0.97	ppb
Calcium	43-1	5205.19	5326.73	5274.66	5268.86	1.16	ppb
Calcium	44-1	5024.84	5157.55	5136.65	5106.34	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.44	51.60	50.81	51.28	0.81	ppb
Cobalt	59-2	52.59	52.62	51.74	52.32	0.96	ppb
Copper	63-2	542.33	542.95	543.03	542.77	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2657.80	2641.85	2667.07	2655.58	0.48	ppb
Iron	57-2	2653.17	2670.20	2689.13	2670.83	0.67	ppb
Iron	54-2	2712.53	2706.49	2675.85	2698.29	0.73	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:20:38

DataFile Name :

007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	242.33	252.59	255.74	250.22	2.80	ppb
Lead	207-1	246.96	255.48	254.87	252.44	1.88	ppb
Lead	208-1	244.88	253.64	253.24	250.59	1.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	5375.46	5291.66	5235.84	5300.99	1.33	ppb
Manganese	55-2	532.53	521.13	525.71	526.46	1.09	ppb
Molybdenum	94-1	493.46	515.77	512.15	507.13	2.36	ppb
Molybdenum	95-1	495.48	505.75	511.78	504.34	1.63	ppb
Molybdenum	96-1	493.86	513.21	508.22	505.10	1.99	ppb
Molybdenum	97-1	496.80	523.51	512.51	510.94	2.63	ppb
Molybdenum	98-1	489.29	511.55	502.09	500.98	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.71	52.44	52.32	52.49	0.38	ppb
Phosphorus	31-2	1039.67	1067.29	1033.10	1046.69	1.73	ppb
Potassium	39-2	2572.08	2584.12	2525.62	2560.60	1.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	51.21	54.19	53.45	52.95	2.92	ppb
Selenium	77-2	51.52	54.85	55.89	54.08	4.22	ppb
Selenium	78-2	52.20	53.65	53.36	53.07	1.45	ppb
Silicon	28-1	51.40	51.74	52.15	51.76	0.73	ppb
Silver	107-1	52.27	55.35	55.37	54.33	3.28	ppb
Silver	109-1	52.64	53.27	53.67	53.19	0.98	ppb
Sodium	23-2	5407.98	5396.80	5332.85	5379.21	0.75	ppb
Strontium	86-1	1205.18	1272.13	1257.00	1244.77	2.82	ppb
Strontium	88-1	1238.92	1287.34	1297.08	1274.45	2.44	ppb
Sulfur	34-1	976.80	1007.07	985.78	989.88	1.57	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	47.16	49.17	48.72	48.35	2.18	ppb
Thallium	205-1	48.83	50.65	50.80	50.10	2.19	ppb
Tin	118-1	50.75	51.16	52.13	51.35	1.38	ppb
Titanium	47-1	490.13	506.88	504.21	500.41	1.80	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:20:38

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.59	48.81	49.29	48.57	1.81	ppb
Vanadium	51-2	50.35	50.48	50.89	50.57	0.56	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	534.77	531.62	529.69	532.03	0.48	ppb
Zirconium	90-1	49.50	50.95	50.88	50.44	1.62	ppb
Zirconium	91-1	47.86	50.59	49.59	49.35	2.81	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:23:36

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2611.70	2535.53	2547.81	2565.01	1.59	ppb
Antimony	121-1	130.35	130.34	131.18	130.62	0.37	ppb
Arsenic	75-2	131.84	132.86	130.61	131.77	0.86	ppb
Barium	135-1	652.80	662.53	654.32	656.55	0.80	ppb
Barium	137-1	650.82	655.97	643.58	650.12	0.96	ppb
Beryllium	9-1	122.11	124.45	124.66	123.74	1.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	136.80	136.27	136.24	136.44	0.23	ppb
Cadmium	106-1	136.56	135.38	138.05	136.66	0.98	ppb
Cadmium	111-1	131.99	132.48	132.63	132.37	0.25	ppb
Calcium	43-1	13395.19	13394.88	13337.79	13375.95	0.25	ppb
Calcium	44-1	12933.56	12958.04	12971.64	12954.41	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.67	128.98	129.02	128.56	0.60	ppb
Cobalt	59-2	134.80	134.55	134.95	134.77	0.15	ppb
Copper	63-2	1332.01	1358.08	1340.83	1343.64	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6660.07	6702.38	6696.38	6686.28	0.34	ppb
Iron	57-2	6654.00	6749.41	6573.36	6658.92	1.32	ppb
Iron	54-2	6712.83	6725.47	6687.30	6708.53	0.29	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:23:36

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	642.22	631.43	635.01	636.22	0.86	ppb
Lead	207-1	646.23	637.51	635.41	639.72	0.90	ppb
Lead	208-1	640.98	633.96	633.56	636.16	0.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	13164.28	13285.75	13147.93	13199.32	0.57	ppb
Manganese	55-2	1295.41	1315.29	1326.87	1312.53	1.21	ppb
Molybdenum	94-1	1284.34	1274.99	1290.27	1283.20	0.60	ppb
Molybdenum	95-1	1268.22	1276.18	1290.72	1278.37	0.89	ppb
Molybdenum	96-1	1268.40	1273.36	1294.70	1278.82	1.09	ppb
Molybdenum	97-1	1293.95	1271.79	1286.47	1284.07	0.88	ppb
Molybdenum	98-1	1278.72	1265.73	1279.04	1274.50	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.23	138.88	138.10	138.40	0.30	ppb
Phosphorus	31-2	2658.89	2652.00	2647.88	2652.93	0.21	ppb
Potassium	39-2	6392.02	6373.94	6332.42	6366.13	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	131.86	132.31	133.44	132.54	0.61	ppb
Selenium	77-2	136.03	139.21	132.40	135.88	2.51	ppb
Selenium	78-2	132.69	135.14	132.31	133.38	1.15	ppb
Silicon	28-1	125.46	124.03	125.37	124.95	0.64	ppb
Silver	107-1	136.77	136.74	136.88	136.80	0.05	ppb
Silver	109-1	135.85	135.99	136.91	136.25	0.42	ppb
Sodium	23-2	13617.26	13395.80	13365.55	13459.54	1.02	ppb
Strontium	86-1	3100.53	3114.82	3143.47	3119.61	0.70	ppb
Strontium	88-1	3187.04	3197.46	3273.78	3219.43	1.47	ppb
Sulfur	34-1	2551.31	2509.41	2480.72	2513.81	1.41	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	127.09	127.29	127.31	127.23	0.09	ppb
Thallium	205-1	127.26	126.84	128.21	127.44	0.55	ppb
Tin	118-1	131.87	129.09	131.18	130.71	1.11	ppb
Titanium	47-1	1275.59	1284.78	1276.16	1278.84	0.40	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:23:36 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	126.30	123.57	123.20	124.36	1.36	ppb
Vanadium	51-2	126.48	125.97	126.65	126.37	0.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1332.39	1358.37	1340.12	1343.62	0.99	ppb
Zirconium	90-1	128.57	127.74	129.49	128.60	0.68	ppb
Zirconium	91-1	123.40	123.92	125.82	124.38	1.02	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:26:22

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5010.32	4835.27	5125.13	4990.24	2.93	ppb
Antimony	121-1	259.86	257.00	257.22	258.03	0.62	ppb
Arsenic	75-2	260.32	259.52	261.16	260.33	0.32	ppb
Barium	135-1	1284.23	1296.45	1279.96	1286.88	0.67	ppb
Barium	137-1	1293.94	1305.41	1276.43	1291.93	1.13	ppb
Beryllium	9-1	245.64	249.60	249.60	248.28	0.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	264.08	267.39	264.77	265.42	0.66	ppb
Cadmium	106-1	264.97	266.41	265.91	265.76	0.28	ppb
Cadmium	111-1	258.57	259.03	258.28	258.62	0.15	ppb
Calcium	43-1	25697.34	25903.26	25643.64	25748.08	0.53	ppb
Calcium	44-1	25207.13	25764.45	25381.91	25451.16	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.93	255.20	269.98	259.37	3.57	ppb
Cobalt	59-2	260.25	255.82	267.87	261.31	2.33	ppb
Copper	63-2	2606.09	2602.98	2721.59	2643.55	2.56	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				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	13008.01	12694.48	13389.50	13030.66	2.67	ppb
Iron	57-2	13054.88	12612.96	13344.74	13004.19	2.83	ppb
Iron	54-2	13096.44	13001.75	13617.18	13238.46	2.50	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:26:22

DataFile Name :

009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1248.30	1270.15	1278.95	1265.80	1.25	ppb
Lead	207-1	1261.41	1288.81	1268.17	1272.80	1.12	ppb
Lead	208-1	1258.75	1277.85	1272.77	1269.79	0.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	25654.41	25596.63	26715.96	25989.00	2.42	ppb
Manganese	55-2	2574.44	2526.25	2672.80	2591.17	2.88	ppb
Molybdenum	94-1	2548.29	2557.89	2540.54	2548.91	0.34	ppb
Molybdenum	95-1	2539.81	2568.67	2550.85	2553.11	0.57	ppb
Molybdenum	96-1	2543.09	2541.39	2548.01	2544.16	0.14	ppb
Molybdenum	97-1	2563.93	2571.10	2563.77	2566.27	0.16	ppb
Molybdenum	98-1	2525.19	2543.83	2530.38	2533.13	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.91	254.26	270.87	260.68	3.42	ppb
Phosphorus	31-2	5156.28	5061.75	5351.86	5189.96	2.85	ppb
Potassium	39-2	12619.76	12397.02	12953.09	12656.62	2.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	258.41	263.43	265.49	262.45	1.39	ppb
Selenium	77-2	261.42	263.92	256.64	260.66	1.42	ppb
Selenium	78-2	260.50	266.42	263.36	263.42	1.12	ppb
Silicon	28-1	238.99	249.50	244.37	244.29	2.15	ppb
Silver	107-1	268.86	271.59	267.24	269.23	0.82	ppb
Silver	109-1	267.19	263.73	263.52	264.81	0.78	ppb
Sodium	23-2	26114.78	26033.96	26828.47	26325.74	1.66	ppb
Strontium	86-1	6375.41	6509.00	6432.85	6439.09	1.04	ppb
Strontium	88-1	6293.02	6377.48	6411.26	6360.59	0.96	ppb
Sulfur	34-1	4608.56	4877.13	4727.55	4737.75	2.84	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	249.74	250.55	252.97	251.08	0.67	ppb
Thallium	205-1	249.57	250.50	249.95	250.00	0.19	ppb
Tin	118-1	258.88	259.82	262.74	260.48	0.77	ppb
Titanium	47-1	2520.03	2559.94	2502.51	2527.50	1.16	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:26:22

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	247.84	251.08	245.46	248.13	1.14	ppb
Vanadium	51-2	251.56	253.42	268.97	257.98	3.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	2632.16	2588.53	2715.57	2645.42	2.44	ppb
Zirconium	90-1	253.85	255.36	253.97	254.39	0.33	ppb
Zirconium	91-1	256.50	258.74	258.98	258.07	0.53	ppb

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

LB133462
S06
S06
2024-11-14 13:29:09

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10013.85	9713.75	9962.15	9896.58	1.62	ppb
Antimony	121-1	508.60	511.31	504.89	508.27	0.63	ppb
Arsenic	75-2	509.30	508.88	508.91	509.03	0.05	ppb
Barium	135-1	2543.27	2553.71	2542.57	2546.52	0.24	ppb
Barium	137-1	2538.77	2572.90	2553.11	2554.93	0.67	ppb
Beryllium	9-1	505.37	511.48	508.43	508.42	0.60	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.62	523.97	511.77	516.12	1.32	ppb
Cadmium	106-1	515.90	516.79	510.97	514.55	0.61	ppb
Cadmium	111-1	516.10	526.73	518.18	520.34	1.08	ppb
Calcium	43-1	50876.97	51440.49	51026.31	51114.59	0.57	ppb
Calcium	44-1	50136.23	49939.92	50071.47	50049.21	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.62	505.91	511.39	511.97	1.25	ppb
Cobalt	59-2	516.68	504.53	516.09	512.43	1.34	ppb
Copper	63-2	5146.01	5079.82	5201.68	5142.50	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	26285.94	25634.04	26385.51	26101.83	1.56	ppb
Iron	57-2	26047.69	25312.57	25829.31	25729.86	1.47	ppb
Iron	54-2	25990.47	25748.37	26088.58	25942.47	0.67	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:29:09

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2495.77	2503.56	2488.78	2496.04	0.30	ppb
Lead	207-1	2521.83	2497.51	2509.38	2509.58	0.48	ppb
Lead	208-1	2521.50	2492.50	2503.18	2505.72	0.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	52035.53	49789.23	51557.66	51127.47	2.31	ppb
Manganese	55-2	5165.08	5073.75	5181.63	5140.15	1.13	ppb
Molybdenum	94-1	5140.59	5057.42	5020.97	5072.99	1.21	ppb
Molybdenum	95-1	5130.25	5070.45	5001.78	5067.49	1.27	ppb
Molybdenum	96-1	5107.79	5072.49	5013.66	5064.65	0.94	ppb
Molybdenum	97-1	5087.31	5045.18	5015.11	5049.20	0.72	ppb
Molybdenum	98-1	5071.97	5043.67	4953.27	5022.97	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.60	508.59	512.15	514.11	1.31	ppb
Phosphorus	31-2	10331.10	10033.73	10288.26	10217.69	1.57	ppb
Potassium	39-2	25335.33	24379.80	25080.52	24931.89	1.98	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	521.15	511.13	508.73	513.67	1.28	ppb
Selenium	77-2	503.02	521.08	508.73	510.94	1.81	ppb
Selenium	78-2	517.77	513.33	507.08	512.73	1.05	ppb
Silicon	28-1	524.97	527.10	527.23	526.43	0.24	ppb
Silver	107-1	512.51	519.15	514.67	515.45	0.66	ppb
Silver	109-1	521.34	522.66	513.37	519.12	0.97	ppb
Sodium	23-2	52926.26	51442.63	53401.08	52589.99	1.94	ppb
Strontium	86-1	12742.20	12604.88	12555.43	12634.17	0.77	ppb
Strontium	88-1	12819.74	12559.11	12674.99	12684.61	1.03	ppb
Sulfur	34-1	9361.01	9339.18	9283.56	9327.91	0.43	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	505.00	498.62	489.07	497.56	1.61	ppb
Thallium	205-1	504.86	499.16	494.00	499.34	1.09	ppb
Tin	118-1	512.99	510.97	506.99	510.32	0.60	ppb
Titanium	47-1	5027.16	4916.51	5025.82	4989.83	1.27	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:29:09 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.24	493.27	492.31	496.60	1.33	ppb
Vanadium	51-2	511.41	500.22	506.40	506.01	1.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5169.26	5058.13	5251.76	5159.72	1.88	ppb
Zirconium	90-1	507.04	503.73	499.20	503.33	0.78	ppb
Zirconium	91-1	509.31	505.59	505.29	506.73	0.44	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:31:54

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19375.19	19340.14	20024.07	19579.80	1.97	ppb
Antimony	121-1	995.09	993.92	990.45	993.16	0.24	ppb
Arsenic	75-2	998.68	980.44	996.66	991.93	1.01	ppb
Barium	135-1	4961.95	4951.77	4977.04	4963.59	0.26	ppb
Barium	137-1	4974.14	4964.09	4937.27	4958.50	0.38	ppb
Beryllium	9-1	1008.17	982.83	998.21	996.40	1.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	990.08	981.57	987.66	986.44	0.44	ppb
Cadmium	106-1	992.11	992.34	976.79	987.08	0.90	ppb
Cadmium	111-1	986.44	994.11	979.29	986.61	0.75	ppb
Calcium	43-1	101167.30	102272.34	101509.84	101649.83	0.56	ppb
Calcium	44-1	99421.02	101176.79	99158.12	99918.64	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	974.03	989.68	1009.78	991.16	1.81	ppb
Cobalt	59-2	983.91	964.20	1020.75	989.62	2.90	ppb
Copper	63-2	9838.36	9628.97	10169.71	9879.02	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	49695.61	49561.11	51806.74	50354.48	2.50	ppb
Iron	57-2	49952.01	48633.29	50874.69	49820.00	2.26	ppb
Iron	54-2	49851.44	49120.64	50942.90	49971.66	1.84	ppb
Krypton	83-1						cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-11-14 13:31:54DataFile Name :011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5045.83	4992.89	4951.14	4996.62	0.95	ppb
Lead	207-1	5060.13	4967.88	4934.64	4987.55	1.30	ppb
Lead	208-1	5041.26	4969.38	4961.66	4990.76	0.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	99516.24	99791.49	102912.22	100739.98	1.87	ppb
Manganese	55-2	9733.99	9834.37	10125.62	9897.99	2.06	ppb
Molybdenum	94-1	9997.70	9992.39	9850.21	9946.77	0.84	ppb
Molybdenum	95-1	9964.94	9964.78	9917.92	9949.21	0.27	ppb
Molybdenum	96-1	9965.67	9977.09	9915.58	9952.78	0.33	ppb
Molybdenum	97-1	9999.03	9946.71	9916.34	9954.03	0.42	ppb
Molybdenum	98-1	9979.78	10011.89	9939.69	9977.12	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.02	958.24	1010.16	988.47	2.73	ppb
Phosphorus	31-2	19743.51	19565.69	20157.44	19822.21	1.53	ppb
Potassium	39-2	47574.77	47482.51	49094.88	48050.72	1.88	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	991.20	992.58	983.11	988.96	0.52	ppb
Selenium	77-2	998.61	973.16	999.12	990.30	1.50	ppb
Selenium	78-2	992.66	990.20	984.39	989.08	0.43	ppb
Silicon	28-1	997.24	995.09	972.35	988.22	1.40	ppb
Silver	107-1	986.18	983.79	987.36	985.78	0.18	ppb
Silver	109-1	986.77	985.45	983.28	985.17	0.18	ppb
Sodium	23-2	98845.24	100408.26	103417.62	100890.37	2.30	ppb
Strontium	86-1	24924.70	24858.98	24876.06	24886.58	0.14	ppb
Strontium	88-1	24724.05	24878.91	24998.10	24867.02	0.55	ppb
Sulfur	34-1	20104.14	20955.91	20141.11	20400.39	2.36	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1019.14	1000.71	982.41	1000.75	1.84	ppb
Thallium	205-1	1022.04	996.08	981.93	1000.02	2.03	ppb
Tin	118-1	983.19	996.29	994.83	991.44	0.72	ppb
Titanium	47-1	9963.35	10043.32	9977.08	9994.58	0.43	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:31:54 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1005.60	1007.31	994.04	1002.32	0.72	ppb
Vanadium	51-2	980.51	982.17	1021.72	994.80	2.34	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	9715.95	9639.50	10255.99	9870.48	3.40	ppb
Zirconium	90-1	1005.68	996.15	988.47	996.77	0.87	ppb
Zirconium	91-1	1002.31	986.97	994.90	994.73	0.77	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:34:41

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98650.50	100581.73	101047.74	100093.32	1.27	ppb
Antimony	121-1	0.47	0.51	0.58	0.52	10.63	ppb
Arsenic	75-2	0.52	0.59	0.47	0.53	11.78	ppb
Barium	135-1	2.05	1.96	1.79	1.93	6.80	ppb
Barium	137-1	2.10	1.96	1.90	1.99	5.17	ppb
Beryllium	9-1	0.16	0.13	0.09	0.12	27.28	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.46	0.43	0.45	4.27	ppb
Cadmium	106-1	-0.09	0.11	-0.21	-0.07		ppb
Cadmium	111-1	0.16	0.15	0.13	0.15	11.04	ppb
Calcium	43-1	499166.25	498961.54	500361.87	499496.56	0.15	ppb
Calcium	44-1	498179.41	500301.35	501448.26	499976.34	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.52	1.45	1.52	1.50	2.52	ppb
Cobalt	59-2	2.55	2.60	2.57	2.58	0.96	ppb
Copper	63-2	1.57	1.55	1.55	1.56	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	247828.83	252217.99	249292.96	249779.92	0.89	ppb
Iron	57-2	247619.92	252202.65	249955.05	249925.87	0.92	ppb
Iron	54-2	245955.34	252542.02	251085.79	249861.05	1.38	ppb
Krypton	83-1						cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:34:41 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.76	0.64	0.58	0.66	14.39	ppb
Lead	207-1	0.72	0.62	0.57	0.64	11.96	ppb
Lead	208-1	0.74	0.62	0.57	0.64	13.81	ppb
Lithium	6-1				90		%
Magnesium	24-2	495814.83	502553.81	500639.29	499669.31	0.69	ppb
Manganese	55-2	5.02	5.11	5.19	5.11	1.67	ppb
Molybdenum	94-1	2.44	2.16	2.10	2.24	8.15	ppb
Molybdenum	95-1	1.67	1.39	1.31	1.46	12.89	ppb
Molybdenum	96-1	3.03	2.68	2.61	2.77	8.16	ppb
Molybdenum	97-1	1.69	1.41	1.34	1.48	12.60	ppb
Molybdenum	98-1	1.64	1.35	1.23	1.41	14.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.83	2.70	2.74	2.92	ppb
Phosphorus	31-2	-9.55	-9.21	-10.00	-9.59		ppb
Potassium	39-2	246206.30	252683.83	252265.77	250385.30	1.45	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.96	1.05	0.73	0.91	18.22	ppb
Selenium	77-2	0.10	0.10	0.10	0.10	0.85	ppb
Selenium	78-2	0.06	0.10	0.81	0.32	131.41	ppb
Silicon	28-1	3.60	2.45	2.31	2.78	25.51	ppb
Silver	107-1	0.11	0.10	0.08	0.10	15.38	ppb
Silver	109-1	0.12	0.10	0.08	0.10	17.29	ppb
Sodium	23-2	494317.00	504210.03	499879.56	499468.86	0.99	ppb
Strontium	86-1	78.90	81.00	81.05	80.32	1.52	ppb
Strontium	88-1	81.16	81.49	81.51	81.39	0.24	ppb
Sulfur	34-1	-392.80	-400.08	-394.99	-395.96		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.09	0.07	0.06	0.07	25.45	ppb
Thallium	205-1	0.10	0.07	0.06	0.08	29.33	ppb
Tin	118-1	0.38	0.37	0.35	0.37	4.02	ppb
Titanium	47-1	0.88	0.64	0.53	0.68	26.17	ppb

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-11-14 13:34:41

DataFile Name :012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.06	0.04	0.06	38.51	ppb
Vanadium	51-2	0.28	0.25	0.24	0.26	6.82	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	2.64	2.98	2.69	2.77	6.59	ppb
Zirconium	90-1	0.53	0.54	0.51	0.53	3.03	ppb
Zirconium	91-1	0.54	0.50	0.53	0.53	3.72	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICV001

Instrumnet Name :

P7

Client Sample ID :

ICV001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 15:53:40

DataFile Name :

013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	438.91	438.92	437.38	438.40	0.20	ppb
Antimony	121-1	202.44	202.43	203.41	202.76	0.28	ppb
Arsenic	75-2	205.97	205.15	207.22	206.12	0.51	ppb
Barium	135-1	97.34	97.57	98.51	97.81	0.63	ppb
Barium	137-1	97.78	97.99	99.08	98.28	0.71	ppb
Beryllium	9-1	101.77	104.27	102.71	102.92	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.74	95.90	97.35	96.00	1.37	ppb
Cadmium	106-1	91.87	90.12	92.34	91.44	1.28	ppb
Cadmium	111-1	102.65	103.02	104.55	103.40	0.98	ppb
Calcium	43-1	1950.45	1950.05	1935.99	1945.50	0.42	ppb
Calcium	44-1	1949.97	1923.84	1910.90	1928.24	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.85	98.01	98.01	97.95	0.09	ppb
Cobalt	59-2	100.49	101.41	101.30	101.07	0.50	ppb
Copper	63-2	93.24	94.37	94.15	93.92	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1971.61	1961.42	1960.32	1964.45	0.32	ppb
Iron	57-2	1949.29	1964.03	1962.46	1958.60	0.41	ppb
Iron	54-2	2022.63	2039.24	2043.73	2035.20	0.55	ppb
Krypton	83-1						cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 15:53:40 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	196.89	199.79	198.89	198.52	0.75	ppb
Lead	207-1	189.45	189.61	191.60	190.22	0.63	ppb
Lead	208-1	191.28	194.48	194.11	193.29	0.90	ppb
Lithium	6-1				93		%
Magnesium	24-2	1030.27	1031.07	1031.57	1030.97	0.06	ppb
Manganese	55-2	95.73	96.45	95.37	95.85	0.57	ppb
Molybdenum	94-1	0.03	0.03	0.04	0.03	20.02	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	26.30	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	11.65	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	14.30	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.12	100.96	100.04	100.37	0.51	ppb
Phosphorus	31-2	-16.30	-12.31	-14.86	-14.49		ppb
Potassium	39-2	1866.79	1874.89	1852.41	1864.70	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	209.48	210.46	210.21	210.05	0.24	ppb
Selenium	77-2	218.97	220.96	216.92	218.95	0.92	ppb
Selenium	78-2	215.75	208.89	215.66	213.43	1.84	ppb
Silicon	28-1	-0.43	-0.49	-0.09	-0.34		ppb
Silver	107-1	50.93	51.02	52.13	51.36	1.31	ppb
Silver	109-1	50.44	50.81	51.90	51.05	1.48	ppb
Sodium	23-2	1873.01	1882.60	1912.72	1889.44	1.10	ppb
Strontium	86-1	6.25	5.33	6.04	5.87	8.20	ppb
Strontium	88-1	6.02	5.95	6.14	6.04	1.58	ppb
Sulfur	34-1	-221.89	-252.42	-214.17	-229.49		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	192.17	192.76	191.31	192.08	0.38	ppb
Thallium	205-1	191.45	190.86	191.88	191.40	0.27	ppb
Tin	118-1	0.08	0.08	0.09	0.08	8.05	ppb
Titanium	47-1	-0.12	-0.17	-0.11	-0.13		ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 15:53:40 DataFile Name : 013ICV.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	94.30	94.12	94.05	94.15	0.14	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	192.28	194.81	193.07	193.39	0.67	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	115.88	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	11.64	ppb

LB Number :LB133462Operator :Jaswal

Lab Sample ID :ICB001Instrumnet Name :P7

Client Sample ID :ICB001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:04:43DataFile Name :014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.15	-0.13	-0.14		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	31.96	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.00	150.61	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.00	0.00	831.84	ppb
Cadmium	106-1	-1.46	-1.22	-1.21	-1.30		ppb
Cadmium	111-1	-0.11	-0.09	-0.09	-0.10		ppb
Calcium	43-1	11.65	14.56	12.77	12.99	11.28	ppb
Calcium	44-1	11.48	12.16	12.03	11.89	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	-0.02	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	-0.50	-0.35	0.42	-0.14		ppb
Iron	57-2	-0.54	-0.11	-0.22	-0.29		ppb
Iron	54-2	-0.09	-0.33	-0.51	-0.31		ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:04:43

DataFile Name :

014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	14.99	ppb
Lead	207-1	0.02	0.02	0.02	0.02	7.05	ppb
Lead	208-1	0.02	0.02	0.02	0.02	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.16	0.02	0.28	0.15	85.40	ppb
Manganese	55-2	0.06	0.08	0.06	0.07	20.16	ppb
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	615.62	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	55.49	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	64.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.04	-0.03		ppb
Phosphorus	31-2	-14.48	-16.57	-13.33	-14.79		ppb
Potassium	39-2	0.32	2.00	1.55	1.29	67.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.45	0.43	0.20	0.36	39.47	ppb
Selenium	77-2	0.00	0.09	0.00	0.03	173.21	ppb
Selenium	78-2	0.14	-0.57	0.11	-0.11		ppb
Silicon	28-1	-0.17	0.44	0.39	0.22	152.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	44.31	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-3.66	-2.77	-3.60	-3.34		ppb
Strontium	86-1	0.54	0.30	0.21	0.35	47.19	ppb
Strontium	88-1	0.18	0.17	0.13	0.16	15.19	ppb
Sulfur	34-1	-211.65	-136.81	-96.73	-148.39		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.08	0.10	0.09	9.79	ppb
Titanium	47-1	-0.09	-0.10	-0.13	-0.11		ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICB001

Instrumnet Name :

P7

Client Sample ID :

ICB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:04:43

DataFile Name :

014CCBE.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	194.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.46	0.49	0.56	0.51	10.03	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :LB133462Operator :Jaswal

Lab Sample ID :ICSA001Instrumnet Name :P7

Client Sample ID :ICSA001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:19:32DataFile Name :015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92958.03	90877.55	91947.16	91927.58	1.13	ppb
Antimony	121-1	1.12	1.11	1.10	1.11	0.83	ppb
Arsenic	75-2	0.36	0.31	0.32	0.33	7.08	ppb
Barium	135-1	1.47	1.44	1.47	1.46	1.19	ppb
Barium	137-1	1.47	1.40	1.43	1.44	2.18	ppb
Beryllium	9-1	0.25	0.25	0.30	0.26	10.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.21	9.03	9.19	9.47	6.75	ppb
Cadmium	106-1	-3.21	-3.30	-2.45	-2.99		ppb
Cadmium	111-1	0.16	0.16	0.17	0.16	3.75	ppb
Calcium	43-1	100714.79	102951.54	104039.35	102568.56	1.65	ppb
Calcium	44-1	101102.32	100864.83	102585.52	101517.56	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.50	20.42	20.57	20.50	0.38	ppb
Cobalt	59-2	1.24	1.22	1.28	1.25	2.45	ppb
Copper	63-2	7.43	7.33	7.50	7.42	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	104431.30	102291.49	103039.29	103254.02	1.05	ppb
Iron	57-2	103302.50	100397.14	103045.94	102248.53	1.57	ppb
Iron	54-2	103627.23	100935.32	103578.10	102713.55	1.50	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICSA001

Instrumnet Name :

P7

Client Sample ID :

ICSA001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:19:32

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.78	4.83	4.67	4.76	1.77	ppb
Lead	207-1	4.25	4.28	4.18	4.24	1.16	ppb
Lead	208-1	4.44	4.47	4.37	4.43	1.20	ppb
Lithium	6-1				85		%
Magnesium	24-2	96972.27	95856.77	95762.86	96197.30	0.70	ppb
Manganese	55-2	8.11	7.95	8.03	8.03	0.99	ppb
Molybdenum	94-1	1626.94	1644.57	1648.81	1640.11	0.71	ppb
Molybdenum	95-1	1977.63	1991.35	1999.59	1989.52	0.56	ppb
Molybdenum	96-1	1931.99	1951.57	1945.99	1943.18	0.52	ppb
Molybdenum	97-1	1963.89	2002.10	1990.30	1985.43	0.99	ppb
Molybdenum	98-1	1950.54	2009.36	1987.40	1982.43	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	5.60	5.52	5.55	0.74	ppb
Phosphorus	31-2	103689.88	102799.71	102763.00	103084.20	0.51	ppb
Potassium	39-2	99279.07	97791.01	98533.42	98534.50	0.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.41	0.28	0.28	0.32	22.87	ppb
Selenium	77-2	0.09	0.19	0.09	0.12	43.06	ppb
Selenium	78-2	-0.11	-0.58	-0.17	-0.29		ppb
Silicon	28-1	3.52	2.77	2.33	2.87	20.93	ppb
Silver	107-1	0.01	0.01	0.02	0.01	11.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.73	ppb
Sodium	23-2	102089.18	100936.41	102074.09	101699.89	0.65	ppb
Strontium	86-1	846.14	862.24	851.52	853.30	0.96	ppb
Strontium	88-1	872.67	868.90	880.63	874.07	0.69	ppb
Sulfur	34-1	96635.92	97303.40	99545.09	97828.14	1.56	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.04	0.05	10.61	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	12.64	ppb
Tin	118-1	0.23	0.21	0.23	0.22	5.33	ppb
Titanium	47-1	2028.16	2032.96	2045.26	2035.46	0.43	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICSA001

Instrumnet Name :

P7

Client Sample ID :

ICSA001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:19:32

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	3.35	ppb
Vanadium	51-2	0.18	0.17	0.18	0.18	4.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	12.12	12.00	12.33	12.15	1.39	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	43.14	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	40.21	ppb

LB Number :LB133462Operator :Jaswal

Lab Sample ID :ICSAB001Instrumnet Name :P7

Client Sample ID :ICSAB001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:35:55DataFile Name :016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87972.57	90279.03	90100.10	89450.56	1.43	ppb
Antimony	121-1	20.21	21.07	21.13	20.80	2.48	ppb
Arsenic	75-2	20.97	21.70	21.64	21.44	1.89	ppb
Barium	135-1	21.01	21.27	21.46	21.25	1.06	ppb
Barium	137-1	20.65	21.45	21.61	21.24	2.42	ppb
Beryllium	9-1	21.91	22.74	22.34	22.33	1.86	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.65	26.74	27.00	26.47	2.71	ppb
Cadmium	106-1	14.22	14.93	15.09	14.75	3.14	ppb
Cadmium	111-1	19.10	19.76	20.03	19.63	2.44	ppb
Calcium	43-1	97138.27	102881.35	103601.09	101206.90	3.50	ppb
Calcium	44-1	96603.75	102627.75	103759.87	100997.12	3.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.00	40.41	41.32	40.58	1.66	ppb
Cobalt	59-2	21.12	21.26	21.45	21.28	0.79	ppb
Copper	63-2	25.87	26.38	26.38	26.21	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	101609.29	102415.38	104151.90	102725.52	1.26	ppb
Iron	57-2	100670.65	102624.38	103236.04	102177.02	1.31	ppb
Iron	54-2	100971.91	102868.83	102857.10	102232.62	1.07	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P7

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:35:55

DataFile Name :

016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.47	26.09	25.57	25.38	3.25	ppb
Lead	207-1	23.25	24.72	23.94	23.97	3.08	ppb
Lead	208-1	23.48	24.96	24.30	24.24	3.07	ppb
Lithium	6-1				79		%
Magnesium	24-2	92787.22	93683.93	93256.12	93242.42	0.48	ppb
Manganese	55-2	27.46	27.87	28.05	27.79	1.10	ppb
Molybdenum	94-1	1552.76	1624.56	1628.40	1601.90	2.66	ppb
Molybdenum	95-1	1867.89	1991.11	1982.67	1947.22	3.53	ppb
Molybdenum	96-1	1826.53	1945.15	1952.17	1907.95	3.70	ppb
Molybdenum	97-1	1881.82	1980.64	1987.96	1950.14	3.04	ppb
Molybdenum	98-1	1878.78	1978.93	1992.02	1949.91	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.78	25.28	25.54	25.20	1.54	ppb
Phosphorus	31-2	101431.38	102786.57	102108.41	102108.79	0.66	ppb
Potassium	39-2	97432.95	97807.72	98357.94	97866.20	0.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	20.32	20.72	20.34	20.46	1.10	ppb
Selenium	77-2	21.87	21.24	20.54	21.22	3.13	ppb
Selenium	78-2	20.47	20.40	20.21	20.36	0.65	ppb
Silicon	28-1	1.14	2.82	2.11	2.03	41.62	ppb
Silver	107-1	18.44	19.27	19.33	19.01	2.62	ppb
Silver	109-1	18.37	19.17	19.16	18.90	2.43	ppb
Sodium	23-2	99455.16	98900.35	102080.42	100145.31	1.70	ppb
Strontium	86-1	825.80	862.75	869.53	852.70	2.76	ppb
Strontium	88-1	847.38	887.17	904.16	879.57	3.31	ppb
Sulfur	34-1	93488.84	97075.94	97572.65	96045.81	2.32	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	19.61	20.84	20.37	20.28	3.06	ppb
Thallium	205-1	19.78	20.72	20.34	20.28	2.34	ppb
Tin	118-1	0.20	0.21	0.20	0.20	4.19	ppb
Titanium	47-1	1930.54	2084.96	2057.78	2024.42	4.07	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P7

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:35:55

DataFile Name :

016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.01	5.85	ppb
Vanadium	51-2	19.70	20.05	20.09	19.95	1.07	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	32.15	31.87	32.39	32.14	0.81	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	41.30	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	55.13	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCV001

Instrumnet Name :

P7

Client Sample ID :

CCV001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:38:56

DataFile Name :

017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45850.40	45164.05	45781.14	45598.53	0.83	ppb
Antimony	121-1	503.90	498.13	502.27	501.43	0.59	ppb
Arsenic	75-2	523.54	519.20	523.10	521.95	0.46	ppb
Barium	135-1	2511.29	2440.09	2499.92	2483.77	1.54	ppb
Barium	137-1	2499.83	2457.00	2510.83	2489.22	1.14	ppb
Beryllium	9-1	518.31	509.91	513.04	513.75	0.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.19	501.89	510.31	508.46	1.15	ppb
Cadmium	106-1	512.31	504.79	515.09	510.73	1.04	ppb
Cadmium	111-1	513.41	511.85	511.82	512.36	0.18	ppb
Calcium	43-1	245695.91	249499.00	247456.64	247550.51	0.77	ppb
Calcium	44-1	242183.35	243126.91	247826.74	244379.00	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.33	486.99	491.46	492.26	1.16	ppb
Cobalt	59-2	511.15	500.74	502.87	504.92	1.09	ppb
Copper	63-2	5008.03	4887.26	4949.91	4948.40	1.22	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				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	121631.19	118921.80	120816.04	120456.34	1.15	ppb
Iron	57-2	120667.34	117595.26	119368.55	119210.38	1.29	ppb
Iron	54-2	121445.50	118178.22	120085.14	119902.95	1.37	ppb
Krypton	83-1						cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCV001Instrumnet Name :P7

Client Sample ID :CCV001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:38:56DataFile Name :017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2539.94	2541.26	2530.27	2537.15	0.24	ppb
Lead	207-1	2522.28	2533.89	2519.92	2525.36	0.30	ppb
Lead	208-1	2524.49	2523.61	2515.04	2521.05	0.21	ppb
Lithium	6-1				79		%
Magnesium	24-2	232136.60	230048.83	233698.76	231961.40	0.79	ppb
Manganese	55-2	4985.97	4869.91	4919.51	4925.13	1.18	ppb
Molybdenum	94-1	4967.63	4945.35	5075.93	4996.30	1.40	ppb
Molybdenum	95-1	4983.43	4924.96	5023.21	4977.20	0.99	ppb
Molybdenum	96-1	4969.63	4959.20	5019.69	4982.84	0.65	ppb
Molybdenum	97-1	4954.23	4977.43	5054.16	4995.28	1.05	ppb
Molybdenum	98-1	4927.72	4926.19	4974.47	4942.79	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.93	498.94	499.83	502.23	0.99	ppb
Phosphorus	31-2	9783.99	9546.93	9632.05	9654.32	1.24	ppb
Potassium	39-2	119180.34	115698.50	118297.45	117725.43	1.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	503.74	508.13	510.99	507.62	0.72	ppb
Selenium	77-2	489.82	502.10	496.06	495.99	1.24	ppb
Selenium	78-2	506.23	512.45	495.80	504.83	1.67	ppb
Silicon	28-1	319.08	322.06	328.76	323.30	1.53	ppb
Silver	107-1	503.54	490.64	503.84	499.34	1.51	ppb
Silver	109-1	505.49	493.12	503.89	500.83	1.34	ppb
Sodium	23-2	237165.81	232774.72	238292.71	236077.75	1.23	ppb
Strontium	86-1	12490.13	12572.55	12848.71	12637.13	1.49	ppb
Strontium	88-1	12564.53	12514.74	12723.11	12600.79	0.86	ppb
Sulfur	34-1	8048.50	8304.19	8336.98	8229.89	1.92	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	498.04	504.51	505.00	502.52	0.77	ppb
Thallium	205-1	511.59	505.30	506.49	507.79	0.66	ppb
Tin	118-1	497.05	490.41	489.46	492.31	0.84	ppb
Titanium	47-1	4945.75	4970.13	5019.31	4978.40	0.75	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:38:56 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.40	513.50	498.50	503.13	1.79	ppb
Vanadium	51-2	500.14	495.37	498.35	497.96	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5000.64	4904.13	4909.27	4938.01	1.10	ppb
Zirconium	90-1	502.38	501.35	510.49	504.74	0.99	ppb
Zirconium	91-1	508.65	495.31	512.14	505.37	1.76	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:41:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.36	0.22	0.36	38.75	ppb
Antimony	121-1	0.17	0.20	0.26	0.21	21.00	ppb
Arsenic	75-2	0.03	0.00	0.01	0.01	101.77	ppb
Barium	135-1	0.19	0.12	0.06	0.12	52.33	ppb
Barium	137-1	0.18	0.13	0.07	0.13	43.65	ppb
Beryllium	9-1	0.09	0.05	0.04	0.06	47.69	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.02	0.02	0.04	84.68	ppb
Cadmium	106-1	-0.54	-1.55	-1.08	-1.06		ppb
Cadmium	111-1	0.02	-0.08	-0.05	-0.04		ppb
Calcium	43-1	29.51	23.48	17.61	23.54	25.30	ppb
Calcium	44-1	33.04	26.23	21.90	27.06	20.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.08	0.05	0.08	30.89	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1.62	1.24	0.56	1.14	46.91	ppb
Iron	57-2	1.22	0.17	0.60	0.66	78.98	ppb
Iron	54-2	1.34	0.92	0.63	0.96	37.55	ppb
Krypton	83-1						cps

LB Number : LB133462

Operator : Jaswal

Lab Sample ID : CCB001

Instrumnet Name : P7

Client Sample ID : CCB001

Dilution Factor : 1

Date & Time Acquired : 2024-11-14 16:41:39

DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.14	0.11	0.16	38.07	ppb
Lead	207-1	0.21	0.14	0.10	0.15	36.86	ppb
Lead	208-1	0.21	0.15	0.10	0.15	37.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	2.81	2.19	1.66	2.22	25.86	ppb
Manganese	55-2	0.13	0.11	0.10	0.12	14.22	ppb
Molybdenum	94-1	0.47	0.36	0.33	0.39	19.23	ppb
Molybdenum	95-1	0.44	0.35	0.31	0.37	19.39	ppb
Molybdenum	96-1	0.46	0.34	0.30	0.37	22.55	ppb
Molybdenum	97-1	0.50	0.35	0.29	0.38	27.42	ppb
Molybdenum	98-1	0.46	0.34	0.29	0.36	23.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-17.17	-16.10	-14.63	-15.96		ppb
Potassium	39-2	16.71	17.70	15.51	16.64	6.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.31	-0.04	0.10	0.12	140.47	ppb
Selenium	77-2	0.09	0.00	0.00	0.03	173.21	ppb
Selenium	78-2	-0.81	-0.22	0.57	-0.15		ppb
Silicon	28-1	-12.86	-12.94	-12.57	-12.79		ppb
Silver	107-1	0.05	0.04	0.02	0.04	43.68	ppb
Silver	109-1	0.05	0.03	0.02	0.03	52.69	ppb
Sodium	23-2	17.76	17.67	16.52	17.32	3.98	ppb
Strontium	86-1	0.91	0.86	0.55	0.77	25.45	ppb
Strontium	88-1	1.08	0.75	0.43	0.75	43.69	ppb
Sulfur	34-1	-816.55	-756.08	-750.61	-774.41		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.07	0.06	0.07	22.03	ppb
Thallium	205-1	0.09	0.07	0.06	0.07	16.95	ppb
Tin	118-1	0.13	0.13	0.10	0.12	11.40	ppb
Titanium	47-1	0.24	0.17	0.00	0.14	89.89	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:41:39 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	41.92	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	33.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.59	0.63	0.61	0.61	3.73	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	7.99	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	11.96	ppb

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :P4570-01A

Instrumnet Name :P7

Client Sample ID :MYE531ARE

Dilution Factor :1

Date & Time Acquired :2024-11-14 16:44:54

DataFile Name :019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51740.65	52386.35	50940.22	51689.08	1.40	ppb
Antimony	121-1	0.97	0.98	1.01	0.99	2.56	ppb
Arsenic	75-2	116.19	116.37	114.00	115.52	1.14	ppb
Barium	135-1	569.39	579.26	577.08	575.24	0.90	ppb
Barium	137-1	563.82	574.23	571.52	569.86	0.95	ppb
Beryllium	9-1	2.09	1.99	2.21	2.10	5.22	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.75	2.66	2.73	2.71	1.71	ppb
Cadmium	106-1	3.90	4.06	3.75	3.90	3.94	ppb
Cadmium	111-1	1.42	1.43	1.39	1.41	1.36	ppb
Calcium	43-1	55516.29	55185.87	55959.83	55554.00	0.70	ppb
Calcium	44-1	55032.52	54501.53	54998.23	54844.10	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.64	108.38	105.19	106.40	1.62	ppb
Cobalt	59-2	50.76	51.97	50.49	51.07	1.54	ppb
Copper	63-2	207.30	213.69	207.05	209.35	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	96255.70	98573.56	97130.13	97319.79	1.20	ppb
Iron	57-2	94771.44	96048.63	94151.45	94990.51	1.02	ppb
Iron	54-2	96194.42	97338.64	93801.42	95778.16	1.88	ppb
Krypton	83-1						cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : P4570-01A Instrumnet Name : P7
Client Sample ID : MYE531ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:44:54 DataFile Name : 019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.46	62.16	60.04	60.89	1.84	ppb
Lead	207-1	58.87	61.21	59.02	59.70	2.19	ppb
Lead	208-1	60.22	61.62	60.52	60.79	1.21	ppb
Lithium	6-1				84		%
Magnesium	24-2	21127.33	21238.32	20410.39	20925.35	2.15	ppb
Manganese	55-2	2579.27	2616.14	2551.52	2582.31	1.26	ppb
Molybdenum	94-1	32.01	32.79	32.28	32.36	1.21	ppb
Molybdenum	95-1	0.86	0.88	0.87	0.87	1.20	ppb
Molybdenum	96-1	4.69	4.73	4.77	4.73	0.88	ppb
Molybdenum	97-1	0.86	0.87	0.85	0.86	1.46	ppb
Molybdenum	98-1	0.82	0.84	0.85	0.84	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.14	115.87	112.77	113.26	2.12	ppb
Phosphorus	31-2	2560.67	2627.61	2600.88	2596.38	1.30	ppb
Potassium	39-2	8972.12	9185.99	9097.25	9085.12	1.18	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				116		%
Selenium	82-1	1.03	0.90	0.74	0.89	16.41	ppb
Selenium	77-2	20.25	19.69	20.42	20.12	1.91	ppb
Selenium	78-2	4.26	4.08	4.52	4.29	5.24	ppb
Silicon	28-1	2286.34	2307.30	2310.52	2301.38	0.57	ppb
Silver	107-1	1.24	1.27	1.26	1.26	0.98	ppb
Silver	109-1	1.28	1.25	1.23	1.25	1.97	ppb
Sodium	23-2	179.72	182.49	178.15	180.12	1.22	ppb
Strontium	86-1	2327.10	2366.10	2326.39	2339.86	0.97	ppb
Strontium	88-1	2387.75	2386.40	2405.04	2393.06	0.43	ppb
Sulfur	34-1	-704.35	-751.05	-782.07	-745.82		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.65	0.63	0.59	0.62	4.40	ppb
Thallium	205-1	0.64	0.61	0.60	0.62	3.97	ppb
Tin	118-1	2.77	2.79	2.79	2.78	0.44	ppb
Titanium	47-1	1335.52	1326.83	1331.69	1331.35	0.33	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

P4570-01A

Instrumnet Name :

P7

Client Sample ID :

MYE531ARE

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:44:54

DataFile Name :

019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.18	1.15	1.16	1.30	ppb
Vanadium	51-2	177.75	178.94	171.99	176.23	2.11	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	287.18	293.46	283.64	288.09	1.73	ppb
Zirconium	90-1	17.78	18.13	18.02	17.98	1.01	ppb
Zirconium	91-1	17.99	18.06	17.96	18.01	0.29	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:57:30

DataFile Name :

020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47276.54	47461.40	46485.79	47074.58	1.10	ppb
Antimony	121-1	494.69	502.95	492.82	496.82	1.08	ppb
Arsenic	75-2	500.00	494.52	497.43	497.31	0.55	ppb
Barium	135-1	2509.11	2565.07	2534.55	2536.24	1.10	ppb
Barium	137-1	2512.89	2546.65	2500.80	2520.11	0.94	ppb
Beryllium	9-1	567.57	526.21	512.66	535.48	5.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.29	502.17	485.62	493.03	1.71	ppb
Cadmium	106-1	492.20	503.99	491.12	495.77	1.44	ppb
Cadmium	111-1	489.85	503.13	482.91	491.97	2.09	ppb
Calcium	43-1	245956.38	249827.79	247178.88	247654.35	0.80	ppb
Calcium	44-1	242142.47	247629.50	246138.07	245303.35	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.69	504.76	499.30	502.92	0.62	ppb
Cobalt	59-2	506.40	498.91	489.74	498.35	1.67	ppb
Copper	63-2	4895.40	4860.14	4790.89	4848.81	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	124311.96	122064.59	121042.19	122472.91	1.37	ppb
Iron	57-2	123251.17	123260.08	119365.14	121958.80	1.84	ppb
Iron	54-2	122253.21	122325.24	119502.34	121360.26	1.33	ppb
Krypton	83-1						cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:57:30

DataFile Name :

020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2576.71	2645.40	2536.29	2586.13	2.13	ppb
Lead	207-1	2545.19	2627.37	2511.50	2561.35	2.33	ppb
Lead	208-1	2545.04	2618.26	2524.61	2562.64	1.92	ppb
Lithium	6-1				82		%
Magnesium	24-2	239184.25	238263.01	239033.64	238826.97	0.21	ppb
Manganese	55-2	4992.25	4980.34	4917.25	4963.28	0.81	ppb
Molybdenum	94-1	4970.07	5133.75	5034.09	5045.97	1.63	ppb
Molybdenum	95-1	5016.71	5118.33	5104.79	5079.95	1.09	ppb
Molybdenum	96-1	5010.74	5087.44	5108.86	5069.01	1.02	ppb
Molybdenum	97-1	5029.12	5072.12	5081.77	5061.00	0.55	ppb
Molybdenum	98-1	4992.64	5060.39	5040.42	5031.15	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.90	492.16	484.30	491.79	1.49	ppb
Phosphorus	31-2	9995.47	9975.41	9778.58	9916.49	1.21	ppb
Potassium	39-2	120255.10	119383.14	120197.60	119945.28	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	490.65	496.37	491.06	492.69	0.65	ppb
Selenium	77-2	499.27	491.05	481.65	490.66	1.80	ppb
Selenium	78-2	487.67	486.31	489.64	487.87	0.34	ppb
Silicon	28-1	321.46	332.63	328.45	327.51	1.72	ppb
Silver	107-1	497.42	502.21	482.26	493.96	2.11	ppb
Silver	109-1	488.48	498.84	481.62	489.65	1.77	ppb
Sodium	23-2	245363.75	242595.13	240579.49	242846.12	0.99	ppb
Strontium	86-1	12712.35	12886.94	12810.98	12803.42	0.68	ppb
Strontium	88-1	12636.38	12856.28	12752.68	12748.44	0.86	ppb
Sulfur	34-1	8609.21	8662.99	8487.79	8586.66	1.05	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	504.94	521.96	503.71	510.21	2.00	ppb
Thallium	205-1	514.94	523.34	507.61	515.30	1.53	ppb
Tin	118-1	499.21	506.01	496.58	500.60	0.97	ppb
Titanium	47-1	4904.07	5117.88	4974.51	4998.82	2.18	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:57:30

DataFile Name :

020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	500.93	524.69	504.07	509.90	2.53	ppb
Vanadium	51-2	505.92	507.41	498.63	503.99	0.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	4845.93	4809.78	4783.84	4813.18	0.65	ppb
Zirconium	90-1	504.98	516.61	505.93	509.17	1.27	ppb
Zirconium	91-1	504.91	517.67	509.19	510.59	1.27	ppb

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCB002Instrumnet Name :P7

Client Sample ID :CCB002Dilution Factor :1

Date & Time Acquired :2024-11-14 17:00:10DataFile Name :021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	-0.11	-0.19	-0.07		ppb
Antimony	121-1	0.16	0.19	0.27	0.21	27.55	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	109.58	ppb
Barium	135-1	0.18	0.07	0.04	0.10	72.27	ppb
Barium	137-1	0.18	0.08	0.04	0.10	71.09	ppb
Beryllium	9-1	0.09	0.05	0.05	0.06	35.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.09	0.04	0.07	38.68	ppb
Cadmium	106-1	-0.55	-0.56	-0.86	-0.65		ppb
Cadmium	111-1	0.01	-0.02	-0.05	-0.02		ppb
Calcium	43-1	25.14	19.37	15.17	19.89	25.14	ppb
Calcium	44-1	33.12	23.36	18.94	25.14	28.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.03	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.03	0.04	0.04	10.95	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				105		%
Indium	115-2				102		%
Iron	56-2	0.36	0.29	0.00	0.22	87.16	ppb
Iron	57-2	0.38	0.44	-0.09	0.24	118.51	ppb
Iron	54-2	0.53	0.39	-0.28	0.21	206.64	ppb
Krypton	83-1						cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCB002Instrumnet Name :P7

Client Sample ID :CCB002Dilution Factor :1

Date & Time Acquired :2024-11-14 17:00:10DataFile Name :021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.11	0.06	0.13	55.56	ppb
Lead	207-1	0.19	0.11	0.07	0.12	52.66	ppb
Lead	208-1	0.20	0.11	0.07	0.12	52.06	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.36	1.08	1.05	1.16	14.79	ppb
Manganese	55-2	0.09	0.07	0.07	0.08	17.61	ppb
Molybdenum	94-1	0.47	0.29	0.26	0.34	33.38	ppb
Molybdenum	95-1	0.43	0.27	0.23	0.31	33.51	ppb
Molybdenum	96-1	0.44	0.27	0.22	0.31	35.68	ppb
Molybdenum	97-1	0.44	0.25	0.22	0.30	39.74	ppb
Molybdenum	98-1	0.43	0.25	0.22	0.30	38.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-17.42	-16.00	-16.80	-16.74		ppb
Potassium	39-2	16.02	16.11	15.21	15.78	3.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	-0.32	-0.12	-0.49	-0.31		ppb
Selenium	77-2	0.00	0.19	0.19	0.12	86.60	ppb
Selenium	78-2	-0.42	0.02	-0.49	-0.30		ppb
Silicon	28-1	-12.45	-12.48	-12.58	-12.50		ppb
Silver	107-1	0.04	0.02	0.01	0.02	57.84	ppb
Silver	109-1	0.03	0.02	0.01	0.02	42.92	ppb
Sodium	23-2	17.44	17.23	16.00	16.89	4.62	ppb
Strontium	86-1	0.63	0.52	0.25	0.47	42.25	ppb
Strontium	88-1	0.99	0.53	0.39	0.64	49.65	ppb
Sulfur	34-1	-690.54	-662.53	-687.57	-680.21		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.05	0.05	0.06	23.91	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	16.04	ppb
Tin	118-1	0.20	0.16	0.17	0.18	13.05	ppb
Titanium	47-1	0.26	0.01	-0.04	0.08	209.58	ppb

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCB002

Instrumnet Name :

P7

Client Sample ID :

CCB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 17:00:10

DataFile Name :

021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	65.47	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	75.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	0.77	0.64	0.57	0.66	15.61	ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	22.63	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	8.56	ppb

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:10:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540	580	530	550	4.81	cps
Antimony	121-1	47	103	57	69	43.91	cps
Arsenic	75-2	27	17	10	18	47.19	cps
Barium	135-1	223	267	237	242	9.16	cps
Barium	137-1	500	407	507	471	11.87	cps
Beryllium	9-1	33	22	28	28	20.00	cps
Bismuth	209-1	18231644	18549486	18476103	18419078	0.90	cps
Bismuth	209-2	14255388	14195553	14111514	14187485	0.51	cps
Bromine	81-1	13603	13863	13817	13761	1.01	cps
Bromine	81-2	120	117	83	107	19.01	cps
Cadmium	108-1	30	13	10	18	60.28	cps
Cadmium	106-1	9280	9260	9070	9203	1.26	cps
Cadmium	111-1	6548	6529	6422	6500	1.05	cps
Calcium	43-1	720	667	780	722	7.85	cps
Calcium	44-1	28477	28243	27699	28140	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4401	4424	4584	4470	2.23	cps
Cobalt	59-2	423	453	370	416	10.16	cps
Copper	63-2	2067	1960	1923	1983	3.75	cps
Dysprosium	156-1	283	363	313	320	12.63	cps
Dysprosium	156-2	100	70	80	83	18.33	cps
Erbium	164-1	127	100	143	123	17.73	cps
Erbium	164-2	67	73	93	78	17.84	cps
Gadolinium	160-1	103	117	143	121	16.82	cps
Gadolinium	160-2	1117	1237	1133	1162	5.59	cps
Holmium	165-1	30503698	30762497	31100731	30788975	0.97	cps
Holmium	165-2	20736598	20733358	20668409	20712788	0.19	cps
Indium	115-1	26451909	26672619	26564376	26562968	0.42	cps
Indium	115-2	9343572	9330823	9292404	9322266	0.29	cps
Iron	56-2	59293	58791	58717	58934	0.53	cps
Iron	57-2	2440	2640	2314	2465	6.68	cps
Iron	54-2	5601	5408	5588	5532	1.95	cps
Krypton	83-1	337	250	307	298	14.78	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:10:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1293	1280	1233	1269	2.48	cps
Lead	207-1	1093	1050	1050	1064	2.35	cps
Lead	208-1	5004	4860	4887	4917	1.55	cps
Lithium	6-1	2806538	2939402	2864794	2870245	2.32	cps
Magnesium	24-2	1407	1360	1390	1386	1.71	cps
Manganese	55-2	1620	1690	1710	1673	2.82	cps
Molybdenum	94-1	1170	1290	1223	1228	4.90	cps
Molybdenum	95-1	77	143	70	97	41.95	cps
Molybdenum	96-1	423	340	387	383	10.89	cps
Molybdenum	97-1	40	67	33	47	37.80	cps
Molybdenum	98-1	133	137	90	120	21.70	cps
Neodymium	150-1	33	17	43	31	43.29	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	643	697	680	673	4.05	cps
Phosphorus	31-2	280	317	283	293	6.91	cps
Potassium	39-2	71430	72448	72163	72014	0.73	cps
Rhodium	103-1	25320364	25947389	26089696	25785816	1.59	cps
Rhodium	103-2	15412352	15365279	15308960	15362197	0.34	cps
Scandium	45-1	14666071	14855751	14617821	14713214	0.85	cps
Scandium	45-2	1255083	1271486	1255022	1260530	0.75	cps
Selenium	82-1	993	1056	882	977	9.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	560	520	467	516	9.08	cps
Silicon	28-1	1269626	1259992	1259375	1262998	0.46	cps
Silver	107-1	363	337	357	352	3.94	cps
Silver	109-1	320	287	280	296	7.25	cps
Sodium	23-2	45671	45808	44825	45435	1.17	cps
Strontium	86-1	527	527	580	544	5.66	cps
Strontium	88-1	597	597	583	592	1.30	cps
Sulfur	34-1	289685	293520	295426	292877	1.00	cps
Terbium	159-1	30971779	31812291	31885807	31556626	1.61	cps
Terbium	159-2	20566203	20751439	20760583	20692742	0.53	cps
Thallium	203-1	327	383	297	336	13.12	cps
Thallium	205-1	687	690	740	706	4.23	cps
Tin	118-1	3354	3107	3330	3264	4.17	cps
Titanium	47-1	1840	1793	1897	1843	2.81	cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:10:50

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	43	37	46	22.36	cps
Vanadium	51-2	40	23	20	28	38.58	cps
Yttrium	89-1	35576294	35710315	35711047	35665885	0.22	cps
Yttrium	89-2	9014370	9064727	9013832	9030976	0.32	cps
Zinc	66-2	2474	2200	2277	2317	6.09	cps
Zirconium	90-1	3334	3294	3287	3305	0.76	cps
Zirconium	91-1	787	713	707	736	6.04	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:17:23 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9970	12000	10407	10792	9.90	cps
Antimony	121-1	46187	47177	47378	46914	1.36	cps
Arsenic	75-2	1130	1313	1323	1256	8.67	cps
Barium	135-1	56070	56964	56903	56646	0.88	cps
Barium	137-1	96478	98984	96857	97440	1.39	cps
Beryllium	9-1	2400	2528	2295	2408	4.85	cps
Bismuth	209-1	18467466	18693838	18592275	18584526	0.61	cps
Bismuth	209-2	14233014	14347501	14145084	14241866	0.71	cps
Bromine	81-1	14404	14484	14290	14393	0.68	cps
Bromine	81-2	123	153	187	154	20.51	cps
Cadmium	108-1	557	523	510	530	4.54	cps
Cadmium	106-1	10654	10484	10507	10548	0.87	cps
Cadmium	111-1	13740	13571	13590	13633	0.68	cps
Calcium	43-1	31623	32709	32862	32398	2.08	cps
Calcium	44-1	540937	550916	543194	545016	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24326	24139	23635	24034	1.49	cps
Cobalt	59-2	16776	16549	16659	16662	0.68	cps
Copper	63-2	24487	24647	24320	24485	0.67	cps
Dysprosium	156-1	343	300	277	307	11.03	cps
Dysprosium	156-2	73	77	70	73	4.55	cps
Erbium	164-1	87	83	110	93	15.57	cps
Erbium	164-2	80	83	110	91	18.05	cps
Gadolinium	160-1	137	107	143	129	15.15	cps
Gadolinium	160-2	997	1157	1127	1093	7.78	cps
Holmium	165-1	31328743	31368337	31417461	31371514	0.14	cps
Holmium	165-2	20892972	20851357	20557996	20767442	0.88	cps
Indium	115-1	26938083	26951199	27034911	26974731	0.19	cps
Indium	115-2	9307653	9342315	9298418	9316128	0.25	cps
Iron	56-2	524817	517474	520296	520862	0.71	cps
Iron	57-2	14587	14857	14310	14585	1.88	cps
Iron	54-2	30751	31313	31279	31114	1.01	cps
Krypton	83-1	327	373	310	337	9.75	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:17:23 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17511	18042	17678	17744	1.53	cps
Lead	207-1	14892	15329	15372	15197	1.75	cps
Lead	208-1	69918	70689	70194	70267	0.56	cps
Lithium	6-1	2958882	2979455	3036001	2991446	1.33	cps
Magnesium	24-2	436092	430118	437287	434499	0.88	cps
Manganese	55-2	9153	9316	9276	9248	0.92	cps
Molybdenum	94-1	49570	49972	50079	49873	0.54	cps
Molybdenum	95-1	58965	59457	59661	59361	0.60	cps
Molybdenum	96-1	66443	67197	66560	66733	0.61	cps
Molybdenum	97-1	37451	37602	37782	37612	0.44	cps
Molybdenum	98-1	94902	96026	95814	95581	0.62	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	23	3	7	11	96.43	cps
Nickel	60-2	4617	4711	4794	4707	1.88	cps
Phosphorus	31-2	1127	1070	1087	1094	2.66	cps
Potassium	39-2	596628	590833	591021	592827	0.56	cps
Rhodium	103-1	25914473	26406785	26262444	26194567	0.97	cps
Rhodium	103-2	15283309	15250236	15130036	15221194	0.53	cps
Scandium	45-1	14643831	14840013	14989360	14824401	1.17	cps
Scandium	45-2	1265776	1269338	1253854	1262989	0.64	cps
Selenium	82-1	2805	2789	2915	2836	2.43	cps
Selenium	77-2	207	197	157	187	14.17	cps
Selenium	78-2	1037	953	1153	1048	9.59	cps
Silicon	28-1	1281364	1312248	1289778	1294463	1.23	cps
Silver	107-1	31528	31731	32142	31800	0.98	cps
Silver	109-1	29797	30292	30278	30122	0.94	cps
Sodium	23-2	712627	710682	710013	711108	0.19	cps
Strontium	86-1	7659	7989	8146	7931	3.13	cps
Strontium	88-1	65411	66864	66587	66287	1.16	cps
Sulfur	34-1	304828	308359	304500	305896	0.70	cps
Terbium	159-1	32118528	31862201	32372749	32117826	0.79	cps
Terbium	159-2	20861791	20992948	20597355	20817365	0.97	cps
Thallium	203-1	20405	20856	20349	20537	1.35	cps
Thallium	205-1	48737	48844	49128	48903	0.41	cps
Tin	118-1	102344	102303	102552	102399	0.13	cps
Titanium	47-1	16362	16603	16759	16575	1.21	cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 13:17:23

DataFile Name :

006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56972	57982	56744	57233	1.15	cps
Vanadium	51-2	42212	42075	42058	42115	0.20	cps
Yttrium	89-1	35943124	36228733	36067638	36079832	0.40	cps
Yttrium	89-2	9012789	8964943	8965904	8981212	0.30	cps
Zinc	66-2	12515	11528	11861	11968	4.20	cps
Zirconium	90-1	43434	44009	43046	43496	1.11	cps
Zirconium	91-1	9243	9660	9657	9520	2.52	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-11-14 13:20:38DataFile Name :007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505141	505094	504556	504930	0.06	cps
Antimony	121-1	1117780	1163272	1160375	1147142	2.22	cps
Arsenic	75-2	62789	62334	61811	62311	0.78	cps
Barium	135-1	1350208	1399306	1392241	1380585	1.92	cps
Barium	137-1	2383239	2453178	2503349	2446589	2.47	cps
Beryllium	9-1	110804	115734	115139	113892	2.36	cps
Bismuth	209-1	18504968	18501493	18613149	18539870	0.34	cps
Bismuth	209-2	14141483	14053657	14178008	14124383	0.45	cps
Bromine	81-1	14327	14314	13797	14146	2.14	cps
Bromine	81-2	100	123	100	108	12.50	cps
Cadmium	108-1	22551	23893	23633	23359	3.05	cps
Cadmium	106-1	41874	42435	43502	42603	1.94	cps
Cadmium	111-1	316051	323893	326082	322009	1.64	cps
Calcium	43-1	309230	318492	318881	315535	1.73	cps
Calcium	44-1	4890098	5051154	5086559	5009271	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487519	488819	481910	486083	0.76	cps
Cobalt	59-2	786504	786637	774278	782473	0.91	cps
Copper	63-2	6045989	6050885	6057784	6051553	0.10	cps
Dysprosium	156-1	283	270	273	276	2.52	cps
Dysprosium	156-2	113	97	120	110	10.92	cps
Erbium	164-1	117	110	110	112	3.43	cps
Erbium	164-2	117	103	73	98	22.70	cps
Gadolinium	160-1	133	167	153	151	11.10	cps
Gadolinium	160-2	1267	1160	1210	1212	4.40	cps
Holmium	165-1	31343613	30951735	31418741	31238030	0.80	cps
Holmium	165-2	20593339	20662786	20853626	20703250	0.65	cps
Indium	115-1	26666581	26902819	26873964	26814455	0.48	cps
Indium	115-2	9383123	9367595	9259731	9336816	0.72	cps
Iron	56-2	22626958	22483952	22720755	22610555	0.53	cps
Iron	57-2	573021	576491	581140	576884	0.71	cps
Iron	54-2	1280889	1277626	1264483	1274333	0.68	cps
Krypton	83-1	273	333	383	330	16.69	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:20:38 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3979772	4147365	4224466	4117201	3.04	cps
Lead	207-1	3548462	3670088	3683415	3633988	2.05	cps
Lead	208-1	16096380	16668727	16743176	16502761	2.14	cps
Lithium	6-1	2992312	3039724	2970029	3000688	1.19	cps
Magnesium	24-2	4619706	4546196	4502745	4556216	1.30	cps
Manganese	55-2	3792654	3710255	3746626	3749845	1.10	cps
Molybdenum	94-1	4152124	4297456	4304933	4251504	2.03	cps
Molybdenum	95-1	5986956	6051303	6177506	6071921	1.60	cps
Molybdenum	96-1	6567245	6757871	6751158	6692091	1.62	cps
Molybdenum	97-1	3750503	3913523	3865059	3843028	2.18	cps
Molybdenum	98-1	9543585	9880334	9783111	9735677	1.78	cps
Neodymium	150-1	120	80	113	104	20.52	cps
Neodymium	150-2	23	23	40	29	33.32	cps
Nickel	60-2	204794	203684	203404	203960	0.36	cps
Phosphorus	31-2	25531	26182	25391	25702	1.64	cps
Potassium	39-2	2670773	2682043	2625571	2659462	1.12	cps
Rhodium	103-1	25753340	25990830	25971372	25905181	0.51	cps
Rhodium	103-2	15179969	15125141	15197215	15167442	0.25	cps
Scandium	45-1	14660802	14756167	14919711	14778893	0.89	cps
Scandium	45-2	1258758	1258338	1259594	1258897	0.05	cps
Selenium	82-1	19033	19884	19800	19572	2.40	cps
Selenium	77-2	1780	1910	1930	1873	4.35	cps
Selenium	78-2	6538	6758	6668	6655	1.66	cps
Silicon	28-1	2885311	2915015	2960517	2920281	1.30	cps
Silver	107-1	1526030	1652342	1638821	1605731	4.32	cps
Silver	109-1	1473437	1524712	1523282	1507144	1.94	cps
Sodium	23-2	7272569	7255194	7176928	7234897	0.70	cps
Strontium	86-1	355911	371983	370805	366233	2.45	cps
Strontium	88-1	3195134	3287564	3341630	3274776	2.26	cps
Sulfur	34-1	377826	382799	385253	381959	0.99	cps
Terbium	159-1	31938719	32658724	32382643	32326695	1.12	cps
Terbium	159-2	20941218	21082158	20942082	20988486	0.39	cps
Thallium	203-1	992178	1034205	1030949	1019111	2.29	cps
Thallium	205-1	2424546	2514524	2536970	2492013	2.39	cps
Tin	118-1	950536	979676	989825	973346	2.10	cps
Titanium	47-1	1406496	1463944	1472404	1447615	2.48	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:20:38 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2910928	2985187	3032535	2976217	2.06	cps
Vanadium	51-2	414127	415082	418855	416021	0.60	cps
Yttrium	89-1	36004107	35652603	35966824	35874511	0.54	cps
Yttrium	89-2	8999992	9070987	8994628	9021869	0.47	cps
Zinc	66-2	956230	950288	947793	951437	0.46	cps
Zirconium	90-1	1997746	2036067	2050917	2028243	1.35	cps
Zirconium	91-1	428757	448806	443802	440455	2.37	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:23:36 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322315	1269078	1276098	1289163	2.24	cps
Antimony	121-1	2974691	3002416	3013291	2996799	0.66	cps
Arsenic	75-2	154575	155144	153160	154293	0.66	cps
Barium	135-1	3587274	3674922	3619296	3627164	1.22	cps
Barium	137-1	6129279	6235628	6100886	6155264	1.15	cps
Beryllium	9-1	282295	287457	283871	284541	0.93	cps
Bismuth	209-1	18254579	18549756	18577915	18460750	0.97	cps
Bismuth	209-2	13989556	13962979	14119526	14024020	0.60	cps
Bromine	81-1	14280	14220	14033	14178	0.91	cps
Bromine	81-2	93	110	137	113	19.29	cps
Cadmium	108-1	58417	58735	58558	58570	0.27	cps
Cadmium	106-1	91392	91532	92891	91938	0.90	cps
Cadmium	111-1	789867	800192	798881	796313	0.71	cps
Calcium	43-1	783094	793131	785074	787100	0.68	cps
Calcium	44-1	12360239	12542596	12481338	12461391	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1198143	1196555	1197761	1197486	0.07	cps
Cobalt	59-2	2006457	1979775	1987128	1991120	0.69	cps
Copper	63-2	14782312	14899140	14720056	14800503	0.61	cps
Dysprosium	156-1	313	307	343	321	6.08	cps
Dysprosium	156-2	187	233	280	233	20.00	cps
Erbium	164-1	200	170	170	180	9.62	cps
Erbium	164-2	73	133	107	104	28.79	cps
Gadolinium	160-1	187	167	143	166	13.10	cps
Gadolinium	160-2	1137	1300	1253	1230	6.84	cps
Holmium	165-1	30695623	31248432	31273804	31072620	1.05	cps
Holmium	165-2	20691742	20664845	20717344	20691311	0.13	cps
Indium	115-1	26178569	26715658	26684692	26526307	1.14	cps
Indium	115-2	9189486	9131951	9145749	9155728	0.33	cps
Iron	56-2	56366356	56075078	56063509	56168314	0.31	cps
Iron	57-2	1427195	1431063	1394758	1417672	1.41	cps
Iron	54-2	3148057	3117889	3102357	3122767	0.74	cps
Krypton	83-1	307	303	320	310	2.85	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:23:36 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10402304	10393009	10467770	10421028	0.39	cps
Lead	207-1	9157925	9180529	9164158	9167537	0.13	cps
Lead	208-1	41554842	41764151	41801048	41706680	0.32	cps
Lithium	6-1	3009768	3007290	2964705	2993921	0.85	cps
Magnesium	24-2	11262543	11236413	11127507	11208821	0.64	cps
Manganese	55-2	9183618	9217838	9305376	9235611	0.68	cps
Molybdenum	94-1	10733601	10766102	10748129	10749277	0.15	cps
Molybdenum	95-1	15222655	15477191	15442494	15380780	0.90	cps
Molybdenum	96-1	16754912	16995102	17046865	16932293	0.92	cps
Molybdenum	97-1	9703890	9636683	9616447	9652340	0.47	cps
Molybdenum	98-1	24776456	24779218	24702240	24752638	0.18	cps
Neodymium	150-1	133	197	170	167	19.08	cps
Neodymium	150-2	60	73	43	59	25.53	cps
Nickel	60-2	533616	529984	527371	530324	0.59	cps
Phosphorus	31-2	63939	63046	62992	63326	0.84	cps
Potassium	39-2	6502247	6409874	6372959	6428360	1.04	cps
Rhodium	103-1	25418863	25737918	25676055	25610945	0.66	cps
Rhodium	103-2	14941216	14938427	14870265	14916636	0.27	cps
Scandium	45-1	14447621	14633138	14546434	14542398	0.64	cps
Scandium	45-2	1253313	1238974	1239826	1244038	0.65	cps
Selenium	82-1	47137	47785	47535	47486	0.69	cps
Selenium	77-2	4661	4751	4537	4650	2.30	cps
Selenium	78-2	15695	15912	15655	15754	0.88	cps
Silicon	28-1	5153578	5174603	5185775	5171318	0.32	cps
Silver	107-1	4017719	4054421	4047328	4039822	0.48	cps
Silver	109-1	3826099	3865942	3881447	3857829	0.74	cps
Sodium	23-2	18164475	17665367	17637687	17822509	1.66	cps
Strontium	86-1	908736	922400	918323	916486	0.77	cps
Strontium	88-1	8164040	8275778	8359033	8266284	1.18	cps
Sulfur	34-1	500408	503381	498049	500613	0.53	cps
Terbium	159-1	32141135	32442562	32352395	32312031	0.48	cps
Terbium	159-2	20719856	20997155	20656558	20791190	0.87	cps
Thallium	203-1	2637270	2683994	2688598	2669954	1.06	cps
Thallium	205-1	6231933	6311772	6389703	6311136	1.25	cps
Tin	118-1	2480128	2450675	2483269	2471357	0.73	cps
Titanium	47-1	3604353	3676908	3630607	3637289	1.01	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:23:36 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7620707	7576711	7565198	7587539	0.39	cps
Vanadium	51-2	1035742	1019759	1025978	1027159	0.78	cps
Yttrium	89-1	35766392	36137706	35650357	35851485	0.71	cps
Yttrium	89-2	8924041	8888502	8926095	8912879	0.24	cps
Zinc	66-2	2368715	2387227	2356810	2370918	0.65	cps
Zirconium	90-1	5148891	5168835	5168948	5162225	0.22	cps
Zirconium	91-1	1097119	1113136	1114932	1108396	0.88	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:26:22 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2501164	2444281	2450151	2465198	1.27	cps
Antimony	121-1	5862492	5846917	5864022	5857810	0.16	cps
Arsenic	75-2	301282	298966	297558	299269	0.63	cps
Barium	135-1	6976276	7102008	7026245	7034843	0.90	cps
Barium	137-1	12046228	12255444	12008291	12103321	1.10	cps
Beryllium	9-1	547946	559894	557947	555262	1.15	cps
Bismuth	209-1	18217763	18238596	18339243	18265201	0.36	cps
Bismuth	209-2	13799709	13728677	13680497	13736294	0.44	cps
Bromine	81-1	13787	13416	14023	13742	2.23	cps
Bromine	81-2	90	90	110	97	11.95	cps
Cadmium	108-1	111461	113809	112929	112733	1.05	cps
Cadmium	106-1	166583	168849	168900	168111	0.79	cps
Cadmium	111-1	1523348	1538894	1537631	1533291	0.56	cps
Calcium	43-1	1512370	1497677	1505459	1505169	0.49	cps
Calcium	44-1	24235526	24335200	24342712	24304479	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2336499	2387280	2388219	2370666	1.25	cps
Cobalt	59-2	3819750	3802175	3765116	3795681	0.73	cps
Copper	63-2	28519794	28845501	28522669	28629321	0.65	cps
Dysprosium	156-1	343	433	420	399	12.18	cps
Dysprosium	156-2	410	433	343	396	11.81	cps
Erbium	164-1	243	207	187	212	13.54	cps
Erbium	164-2	140	103	137	127	16.01	cps
Gadolinium	160-1	203	177	203	194	7.92	cps
Gadolinium	160-2	1150	1170	1150	1157	1.00	cps
Holmium	165-1	30913437	31211029	31108604	31077690	0.49	cps
Holmium	165-2	20604738	20458755	20395084	20486192	0.52	cps
Indium	115-1	26122520	26095392	26711734	26309882	1.32	cps
Indium	115-2	9078586	8975307	8941419	8998438	0.79	cps
Iron	56-2	108513175	107236485	106965175	107571612	0.77	cps
Iron	57-2	2759047	2699397	2700854	2719766	1.25	cps
Iron	54-2	6051609	6083770	6025641	6053673	0.48	cps
Krypton	83-1	323	277	327	309	9.05	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:26:22 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20177353	20553982	20810645	20513993	1.55	cps
Lead	207-1	17838771	18247177	18054045	18046664	1.13	cps
Lead	208-1	81435978	82765737	82891969	82364561	0.98	cps
Lithium	6-1	2904446	2920680	2910539	2911888	0.28	cps
Magnesium	24-2	21643443	21867422	21584755	21698540	0.69	cps
Manganese	55-2	17997027	17883194	17893501	17924574	0.35	cps
Molybdenum	94-1	20992158	21173061	20870446	21011888	0.72	cps
Molybdenum	95-1	30051359	30539749	30098465	30229857	0.89	cps
Molybdenum	96-1	33113968	33251731	33086316	33150672	0.27	cps
Molybdenum	97-1	18953972	19098841	18900387	18984400	0.54	cps
Molybdenum	98-1	48230651	48821499	48196238	48416129	0.73	cps
Neodymium	150-1	273	313	317	301	8.01	cps
Neodymium	150-2	67	90	90	82	16.38	cps
Nickel	60-2	977481	979642	986946	981356	0.51	cps
Phosphorus	31-2	121642	120933	120886	121154	0.35	cps
Potassium	39-2	12591014	12526255	12374670	12497313	0.89	cps
Rhodium	103-1	24838772	25163004	25108017	25036598	0.69	cps
Rhodium	103-2	14638951	14613827	14464589	14572456	0.65	cps
Scandium	45-1	14550890	14295036	14514720	14453549	0.96	cps
Scandium	45-2	1235977	1251587	1183651	1223738	2.91	cps
Selenium	82-1	90132	92310	92321	91588	1.38	cps
Selenium	77-2	8843	8886	8546	8758	2.11	cps
Selenium	78-2	29934	30461	29787	30061	1.18	cps
Silicon	28-1	8756831	8927147	8903536	8862505	1.04	cps
Silver	107-1	7807170	7952912	7841864	7867315	0.97	cps
Silver	109-1	7439087	7404585	7414047	7419239	0.24	cps
Sodium	23-2	34312576	34638524	33756776	34235959	1.30	cps
Strontium	86-1	1841380	1889041	1852829	1861083	1.34	cps
Strontium	88-1	15890202	16181316	16143991	16071836	0.99	cps
Sulfur	34-1	672524	682315	680577	678472	0.77	cps
Terbium	159-1	31773876	32041637	32108258	31974590	0.55	cps
Terbium	159-2	20677701	20451513	20292435	20473883	0.95	cps
Thallium	203-1	5171454	5194068	5273196	5212906	1.02	cps
Thallium	205-1	12195831	12255301	12296121	12249084	0.41	cps
Tin	118-1	4809921	4868043	4932994	4870319	1.26	cps
Titanium	47-1	7169801	7155265	7102277	7142448	0.50	cps

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :S05

Instrumnet Name :P7

Client Sample ID :S05

Dilution Factor :1

Date & Time Acquired :2024-11-14 13:26:22

DataFile Name :009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14924169	15136502	14878877	14979849	0.92	cps
Vanadium	51-2	2031529	2072394	2080115	2061346	1.27	cps
Yttrium	89-1	35256808	35427246	35159324	35281126	0.38	cps
Yttrium	89-2	8809829	8769221	8672990	8750680	0.80	cps
Zinc	66-2	4612496	4593365	4557133	4587664	0.61	cps
Zirconium	90-1	10018533	10126578	9995214	10046775	0.70	cps
Zirconium	91-1	2247128	2277743	2262588	2262486	0.68	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:29:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4836269	4793481	4777399	4802383	0.63	cps
Antimony	121-1	11443291	11462217	11318767	11408092	0.68	cps
Arsenic	75-2	585776	580847	577165	581263	0.74	cps
Barium	135-1	13778362	13784332	13724819	13762505	0.24	cps
Barium	137-1	23571305	23800973	23618841	23663707	0.51	cps
Beryllium	9-1	1120859	1132895	1129063	1127606	0.55	cps
Bismuth	209-1	17857778	18145129	18283903	18095603	1.20	cps
Bismuth	209-2	13824829	13666658	13779292	13756926	0.59	cps
Bromine	81-1	13243	13073	13390	13235	1.20	cps
Bromine	81-2	140	113	113	122	12.60	cps
Cadmium	108-1	215764	219732	214628	216708	1.24	cps
Cadmium	106-1	314716	314090	310670	313159	0.70	cps
Cadmium	111-1	3025912	3076798	3027080	3043263	0.95	cps
Calcium	43-1	2889550	2939408	2903342	2910767	0.88	cps
Calcium	44-1	46502204	46603394	46527293	46544297	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4631116	4616041	4534458	4593872	1.13	cps
Cobalt	59-2	7337056	7320600	7277008	7311554	0.42	cps
Copper	63-2	54486814	54957021	54688201	54710679	0.43	cps
Dysprosium	156-1	443	527	540	503	10.41	cps
Dysprosium	156-2	677	657	667	667	1.50	cps
Erbium	164-1	250	250	270	257	4.50	cps
Erbium	164-2	197	133	177	169	19.17	cps
Gadolinium	160-1	263	240	253	252	4.64	cps
Gadolinium	160-2	1223	1110	1343	1226	9.52	cps
Holmium	165-1	30809010	31051700	30840120	30900276	0.43	cps
Holmium	165-2	20769272	20601555	20490437	20620421	0.68	cps
Indium	115-1	25306080	25854630	25644818	25601842	1.08	cps
Indium	115-2	8754287	8692654	8730558	8725833	0.36	cps
Iron	56-2	212108330	211352544	211411137	211624004	0.20	cps
Iron	57-2	5324087	5286535	5242265	5284296	0.78	cps
Iron	54-2	11614973	11757336	11576636	11649649	0.82	cps
Krypton	83-1	360	390	383	378	4.17	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:29:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39542899	40304715	40373155	40073590	1.15	cps
Lead	207-1	34957927	35177904	35615398	35250409	0.95	cps
Lead	208-1	159901632	160606254	162527915	161011934	0.84	cps
Lithium	6-1	2887856	2883960	2891481	2887766	0.13	cps
Magnesium	24-2	42474664	41525925	41788032	41929540	1.17	cps
Manganese	55-2	34934469	35063867	34799383	34932573	0.38	cps
Molybdenum	94-1	40984745	40857470	40585543	40809253	0.50	cps
Molybdenum	95-1	58750886	58837576	58072986	58553816	0.72	cps
Molybdenum	96-1	64371606	64776204	64060449	64402753	0.56	cps
Molybdenum	97-1	36399584	36577752	36379953	36452429	0.30	cps
Molybdenum	98-1	93760452	94476242	92834522	93690405	0.88	cps
Neodymium	150-1	590	610	647	616	4.67	cps
Neodymium	150-2	140	183	123	149	20.80	cps
Nickel	60-2	1919544	1912450	1871521	1901172	1.36	cps
Phosphorus	31-2	235156	233379	232534	233690	0.57	cps
Potassium	39-2	24388875	23982604	23974113	24115197	0.98	cps
Rhodium	103-1	24009980	24365215	23987435	24120877	0.88	cps
Rhodium	103-2	14310263	14334545	14296718	14313842	0.13	cps
Scandium	45-1	14045279	14131143	14071023	14082481	0.31	cps
Scandium	45-2	1195887	1221921	1187459	1201756	1.49	cps
Selenium	82-1	174984	173917	173200	174034	0.52	cps
Selenium	77-2	16910	17384	16863	17052	1.69	cps
Selenium	78-2	58635	57695	56634	57655	1.74	cps
Silicon	28-1	17123913	17293590	17224024	17213843	0.50	cps
Silver	107-1	14842222	14979525	14850936	14890894	0.52	cps
Silver	109-1	14475883	14459657	14203173	14379571	1.06	cps
Sodium	23-2	67240659	66779829	67365401	67128630	0.46	cps
Strontium	86-1	3561483	3569921	3557894	3563099	0.17	cps
Strontium	88-1	31329678	31100580	31404977	31278412	0.51	cps
Sulfur	34-1	1024969	1029498	1020712	1025060	0.43	cps
Terbium	159-1	31688517	31572755	31574070	31611781	0.21	cps
Terbium	159-2	20493687	20501742	20547051	20514160	0.14	cps
Thallium	203-1	10250226	10283563	10163706	10232498	0.60	cps
Thallium	205-1	24183620	24295142	24227689	24235484	0.23	cps
Tin	118-1	9502559	9430559	9357556	9430225	0.77	cps
Titanium	47-1	13804151	13582890	13825758	13737600	0.98	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:29:09 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29763058	29583990	29752470	29699839	0.34	cps
Vanadium	51-2	3996011	3993666	3928934	3972870	0.96	cps
Yttrium	89-1	34123817	34577241	34596444	34432501	0.78	cps
Yttrium	89-2	8755380	8688917	8633294	8692530	0.70	cps
Zinc	66-2	8762479	8760827	8839570	8787625	0.51	cps
Zirconium	90-1	19364398	19493898	19329347	19395881	0.45	cps
Zirconium	91-1	4317892	4343364	4343188	4334815	0.34	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:31:54 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9753797	9772331	9747111	9757746	0.13	cps
Antimony	121-1	22810494	22963763	22976842	22917033	0.40	cps
Arsenic	75-2	1161386	1152153	1155479	1156340	0.40	cps
Barium	135-1	27387620	27547512	27800855	27578662	0.76	cps
Barium	137-1	47051744	47327858	47264013	47214538	0.31	cps
Beryllium	9-1	2165517	2142331	2143901	2150583	0.60	cps
Bismuth	209-1	17812283	18088458	18354498	18085080	1.50	cps
Bismuth	209-2	13553773	13609841	13620330	13594648	0.26	cps
Bromine	81-1	13990	14050	13446	13829	2.41	cps
Bromine	81-2	143	147	170	153	9.47	cps
Cadmium	108-1	424555	424235	428608	425799	0.57	cps
Cadmium	106-1	607920	612870	605871	608887	0.59	cps
Cadmium	111-1	5886335	5978944	5913896	5926391	0.80	cps
Calcium	43-1	5692771	5765741	5783072	5747195	0.83	cps
Calcium	44-1	91348555	93135692	92239969	92241405	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9062801	9242541	9084612	9129985	1.07	cps
Cobalt	59-2	14564284	14325491	14609884	14499886	1.05	cps
Copper	63-2	108587022	106670912	108532525	107930153	1.01	cps
Dysprosium	156-1	747	780	673	733	7.44	cps
Dysprosium	156-2	1243	1160	1267	1223	4.58	cps
Erbium	164-1	403	377	417	399	5.11	cps
Erbium	164-2	240	260	257	252	4.25	cps
Gadolinium	160-1	320	380	320	340	10.19	cps
Gadolinium	160-2	1353	1400	1290	1348	4.10	cps
Holmium	165-1	31481265	31759930	31542784	31594660	0.46	cps
Holmium	165-2	21016519	21023819	21059525	21033288	0.11	cps
Indium	115-1	25399174	25637651	25816110	25617645	0.82	cps
Indium	115-2	8858394	8866493	8828178	8851021	0.23	cps
Iron	56-2	417964434	418382300	421309900	419218878	0.43	cps
Iron	57-2	10640907	10398553	10479056	10506172	1.17	cps
Iron	54-2	23218217	22962943	22941889	23041016	0.67	cps
Krypton	83-1	287	407	357	350	17.22	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:31:54 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	79741142	80127904	80626482	80165176	0.55	cps
Lead	207-1	69964256	69753824	70306236	70008105	0.40	cps
Lead	208-1	318874405	319200992	323392595	320489331	0.79	cps
Lithium	6-1	2796819	2838193	2796516	2810510	0.85	cps
Magnesium	24-2	84675660	85225372	84669665	84856899	0.38	cps
Manganese	55-2	68627687	69593082	69028172	69082981	0.70	cps
Molybdenum	94-1	81161267	81582795	81085549	81276537	0.33	cps
Molybdenum	95-1	116197078	116860825	117270925	116776276	0.46	cps
Molybdenum	96-1	127882608	128762485	129024545	128556546	0.47	cps
Molybdenum	97-1	72846826	72880736	73257634	72995065	0.31	cps
Molybdenum	98-1	187849064	189532904	189718704	189033557	0.54	cps
Neodymium	150-1	1153	1277	1173	1201	5.51	cps
Neodymium	150-2	263	320	300	294	9.76	cps
Nickel	60-2	3824176	3689144	3746473	3753264	1.81	cps
Phosphorus	31-2	467839	465354	461839	465011	0.65	cps
Potassium	39-2	47677534	47762034	47571808	47670459	0.20	cps
Rhodium	103-1	23986032	24421779	24138604	24182138	0.91	cps
Rhodium	103-2	14218433	14371162	14282104	14290566	0.54	cps
Scandium	45-1	13917345	13943453	14090404	13983734	0.67	cps
Scandium	45-2	1246611	1251243	1205390	1234415	2.04	cps
Selenium	82-1	338019	340424	339969	339471	0.38	cps
Selenium	77-2	33942	33424	33855	33741	0.82	cps
Selenium	78-2	113198	114105	111915	113073	0.97	cps
Silicon	28-1	31157818	31151528	30788241	31032529	0.68	cps
Silver	107-1	29096871	29255933	29481565	29278123	0.66	cps
Silver	109-1	27915055	28098212	28150509	28054592	0.44	cps
Sodium	23-2	130866415	133429038	132390525	132228659	0.97	cps
Strontium	86-1	7093007	7114831	7178459	7128766	0.62	cps
Strontium	88-1	61523016	62262992	63077449	62287819	1.25	cps
Sulfur	34-1	1857440	1927792	1883469	1889567	1.88	cps
Terbium	159-1	32285152	32540392	32672975	32499506	0.61	cps
Terbium	159-2	20826735	21007707	20757711	20864051	0.62	cps
Thallium	203-1	20632927	20573936	20494725	20567196	0.34	cps
Thallium	205-1	48831769	48329394	48343413	48501525	0.59	cps
Tin	118-1	18552288	18947945	18997302	18832511	1.30	cps
Titanium	47-1	27107577	27376415	27482486	27322159	0.71	cps

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :S07

Instrumnet Name :P7

Client Sample ID :S07

Dilution Factor :1

Date & Time Acquired :2024-11-14 13:31:54

DataFile Name :011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59205391	60225616	60305839	59912282	1.02	cps
Vanadium	51-2	7986278	8029574	8046746	8020866	0.39	cps
Yttrium	89-1	34745823	34944851	35233169	34974614	0.70	cps
Yttrium	89-2	8852589	8945592	8825430	8874537	0.71	cps
Zinc	66-2	17166203	17094445	17521052	17260567	1.32	cps
Zirconium	90-1	39105212	38956362	38975066	39012213	0.21	cps
Zirconium	91-1	8651742	8568173	8708200	8642705	0.82	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:34:41 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47935546	48044099	48765008	48248218	0.93	cps
Antimony	121-1	10444	11088	12749	11427	10.41	cps
Arsenic	75-2	617	700	563	627	10.99	cps
Barium	135-1	11134	10527	9697	10453	6.90	cps
Barium	137-1	19644	18045	17721	18470	5.57	cps
Beryllium	9-1	333	272	206	270	23.64	cps
Bismuth	209-1	16221060	15947216	15891231	16019835	1.10	cps
Bismuth	209-2	12136684	11897200	11823609	11952498	1.37	cps
Bromine	81-1	15328	15605	15645	15526	1.11	cps
Bromine	81-2	210	173	180	188	10.40	cps
Cadmium	108-1	207	207	193	202	3.81	cps
Cadmium	106-1	9030	9020	8899	8983	0.81	cps
Cadmium	111-1	7313	7202	7101	7205	1.47	cps
Calcium	43-1	27638110	28119565	28302946	28020207	1.23	cps
Calcium	44-1	450328167	460313086	463077473	457906242	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17874	17020	17801	17565	2.70	cps
Cobalt	59-2	36895	36949	36872	36905	0.11	cps
Copper	63-2	18635	18124	18248	18336	1.45	cps
Dysprosium	156-1	1270	1167	1193	1210	4.44	cps
Dysprosium	156-2	623	693	750	689	9.21	cps
Erbium	164-1	1003	1093	1070	1056	4.43	cps
Erbium	164-2	710	650	663	674	4.67	cps
Gadolinium	160-1	793	903	833	843	6.60	cps
Gadolinium	160-2	1503	1500	1677	1560	6.48	cps
Holmium	165-1	30779787	30411415	30254505	30481902	0.88	cps
Holmium	165-2	20072157	19614836	19914353	19867115	1.17	cps
Indium	115-1	24659739	24562310	24370985	24531011	0.60	cps
Indium	115-2	8538965	8567879	8517335	8541393	0.30	cps
Iron	56-2	2011753783	2012618583	2009816343	2011396237	0.07	cps
Iron	57-2	50907524	50969258	51036578	50971120	0.13	cps
Iron	54-2	110554368	111587462	112089462	111410431	0.70	cps
Krypton	83-1	387	370	420	392	6.49	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 13:34:41 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12099	10090	9240	10476	14.01	cps
Lead	207-1	9984	8563	7946	8831	11.83	cps
Lead	208-1	47069	39489	36306	40955	13.50	cps
Lithium	6-1	2544943	2567886	2606976	2573268	1.22	cps
Magnesium	24-2	407219527	405746021	408373381	407112976	0.32	cps
Manganese	55-2	35779	35736	36688	36068	1.49	cps
Molybdenum	94-1	20788	18488	17938	19071	7.93	cps
Molybdenum	95-1	19323	16069	15115	16835	13.11	cps
Molybdenum	96-1	38815	34207	33285	35435	8.36	cps
Molybdenum	97-1	12209	10160	9613	10661	12.83	cps
Molybdenum	98-1	30646	25092	22931	26223	15.18	cps
Neodymium	150-1	427	523	473	474	10.19	cps
Neodymium	150-2	223	273	260	252	10.27	cps
Nickel	60-2	10611	10941	10550	10701	1.96	cps
Phosphorus	31-2	443	443	430	439	1.75	cps
Potassium	39-2	237882563	239993956	242070670	239982396	0.87	cps
Rhodium	103-1	22189214	21863771	22347786	22133590	1.11	cps
Rhodium	103-2	13164873	13174259	13124730	13154621	0.20	cps
Scandium	45-1	13695489	13939781	13991424	13875565	1.14	cps
Scandium	45-2	1203320	1182888	1195101	1193770	0.86	cps
Selenium	82-1	1265	1291	1180	1245	4.65	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	503	510	597	537	9.70	cps
Silicon	28-1	1282142	1270310	1270742	1274398	0.53	cps
Silver	107-1	3610	3044	2737	3130	14.16	cps
Silver	109-1	3450	2874	2514	2946	16.04	cps
Sodium	23-2	631551471	633252231	634295564	633033088	0.22	cps
Strontium	86-1	22728	23235	23202	23055	1.23	cps
Strontium	88-1	200287	200388	200024	200233	0.09	cps
Sulfur	34-1	247341	251181	252513	250345	1.07	cps
Terbium	159-1	31139250	30699587	30931897	30923578	0.71	cps
Terbium	159-2	20053742	19525995	19899601	19826446	1.37	cps
Thallium	203-1	1987	1543	1290	1607	21.95	cps
Thallium	205-1	4944	3581	3014	3846	25.80	cps
Tin	118-1	10080	9833	9510	9808	2.92	cps
Titanium	47-1	4064	3480	3200	3582	12.30	cps

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-11-14 13:34:41

DataFile Name :012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4871	3090	2257	3406	39.20	cps
Vanadium	51-2	2204	1997	1917	2039	7.26	cps
Yttrium	89-1	34359399	34240069	34169921	34256463	0.28	cps
Yttrium	89-2	8699513	8746447	8845547	8763836	0.85	cps
Zinc	66-2	6708	7165	6758	6877	3.64	cps
Zirconium	90-1	23609	23819	22601	23343	2.79	cps
Zirconium	91-1	5338	4998	5224	5187	3.34	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :ICV001Instrumnet Name :P7

Client Sample ID :ICV001Dilution Factor :1

Date & Time Acquired :2024-11-14 15:53:40DataFile Name :013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239149	238082	238239	238490	0.24	cps
Antimony	121-1	4645499	4667722	4613912	4642378	0.58	cps
Arsenic	75-2	254864	254638	255354	254952	0.14	cps
Barium	135-1	538077	541976	538266	539440	0.41	cps
Barium	137-1	926366	932874	927886	929042	0.37	cps
Beryllium	9-1	209383	212941	213626	211984	1.07	cps
Bismuth	209-1	18466945	18654544	18470400	18530630	0.58	cps
Bismuth	209-2	13977651	13900626	14067414	13981897	0.60	cps
Bromine	81-1	15141	15428	15375	15315	1.00	cps
Bromine	81-2	113	147	127	129	13.02	cps
Cadmium	108-1	40684	41382	41325	41130	0.94	cps
Cadmium	106-1	64907	64157	64439	64501	0.59	cps
Cadmium	111-1	619114	624357	623219	622230	0.44	cps
Calcium	43-1	125487	125803	123981	125090	0.78	cps
Calcium	44-1	2065697	2043976	2015475	2041716	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987356	984457	988578	986797	0.21	cps
Cobalt	59-2	1606576	1613947	1618967	1613163	0.39	cps
Copper	63-2	1113263	1121691	1123712	1119556	0.50	cps
Dysprosium	156-1	107	117	70	98	25.13	cps
Dysprosium	156-2	47	50	33	43	20.36	cps
Erbium	164-1	97	127	153	126	22.58	cps
Erbium	164-2	110	90	80	93	16.37	cps
Gadolinium	160-1	133	117	103	118	12.77	cps
Gadolinium	160-2	1167	1077	1153	1132	4.29	cps
Holmium	165-1	31070287	31613795	30778147	31154076	1.36	cps
Holmium	165-2	20765440	20578946	20771178	20705188	0.53	cps
Indium	115-1	27008521	27705193	27128608	27280774	1.37	cps
Indium	115-2	9615521	9569131	9460356	9548336	0.83	cps
Iron	56-2	17965146	17792254	17856596	17871332	0.49	cps
Iron	57-2	450890	452236	453764	452297	0.32	cps
Iron	54-2	1022837	1026550	1033095	1027494	0.51	cps
Krypton	83-1	370	303	327	333	10.15	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 15:53:40 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3227037	3307940	3260501	3265160	1.25	cps
Lead	207-1	2716813	2746615	2748135	2737188	0.65	cps
Lead	208-1	12548638	12887953	12736085	12724225	1.34	cps
Lithium	6-1	2678727	2658750	2707807	2681761	0.92	cps
Magnesium	24-2	948008	944475	948885	947123	0.25	cps
Manganese	55-2	730532	732701	727558	730264	0.35	cps
Molybdenum	94-1	1497	1563	1630	1563	4.26	cps
Molybdenum	95-1	360	253	313	309	17.31	cps
Molybdenum	96-1	950	850	957	919	6.50	cps
Molybdenum	97-1	213	173	200	196	10.41	cps
Molybdenum	98-1	550	580	517	549	5.77	cps
Neodymium	150-1	50	47	63	53	16.53	cps
Neodymium	150-2	20	13	27	20	33.35	cps
Nickel	60-2	415314	416872	414810	415665	0.26	cps
Phosphorus	31-2	323	423	360	369	13.71	cps
Potassium	39-2	2093911	2093209	2077674	2088265	0.44	cps
Rhodium	103-1	26395365	26769897	26435350	26533537	0.78	cps
Rhodium	103-2	15769674	15779026	15613383	15720694	0.59	cps
Scandium	45-1	15815779	15858887	15742066	15805577	0.37	cps
Scandium	45-2	1346035	1339981	1345580	1343866	0.25	cps
Selenium	82-1	76755	77723	78028	77502	0.86	cps
Selenium	77-2	7919	8016	7812	7916	1.29	cps
Selenium	78-2	26597	25849	26477	26308	1.53	cps
Silicon	28-1	1343027	1344762	1348173	1345321	0.19	cps
Silver	107-1	1504557	1514473	1522416	1513815	0.59	cps
Silver	109-1	1428766	1446104	1453043	1442638	0.87	cps
Sodium	23-2	2725150	2726530	2780962	2744214	1.16	cps
Strontium	86-1	2454	2194	2424	2357	6.04	cps
Strontium	88-1	16549	16486	17077	16704	1.94	cps
Sulfur	34-1	300852	298947	300134	299978	0.32	cps
Terbium	159-1	32318842	32475234	31946980	32247019	0.84	cps
Terbium	159-2	20748773	20598106	20664351	20670410	0.37	cps
Thallium	203-1	4033894	4087367	4016548	4045937	0.91	cps
Thallium	205-1	9484086	9550639	9507158	9513961	0.36	cps
Tin	118-1	4814	4831	4968	4871	1.73	cps
Titanium	47-1	1603	1473	1647	1575	5.73	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P7
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 15:53:40 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	27	47	34	31.11	cps
Vanadium	51-2	829331	824056	826847	826745	0.32	cps
Yttrium	89-1	36944895	37238379	37428592	37203955	0.65	cps
Yttrium	89-2	9418823	9448134	9379959	9415638	0.36	cps
Zinc	66-2	369245	372382	370626	370751	0.42	cps
Zirconium	90-1	3384	3664	3877	3642	6.80	cps
Zirconium	91-1	1097	1180	1193	1157	4.53	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :ICB001Instrumnet Name :P7

Client Sample ID :ICB001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:04:43DataFile Name :014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	513	507	520	513	1.30	cps
Antimony	121-1	227	297	370	298	24.07	cps
Arsenic	75-2	17	10	20	16	32.73	cps
Barium	135-1	250	253	287	263	7.70	cps
Barium	137-1	457	473	513	481	6.05	cps
Beryllium	9-1	17	6	28	17	66.65	cps
Bismuth	209-1	18752965	18848076	18538413	18713151	0.85	cps
Bismuth	209-2	14273057	14150703	14204794	14209518	0.43	cps
Bromine	81-1	16119	15995	16129	16081	0.46	cps
Bromine	81-2	110	170	130	137	22.35	cps
Cadmium	108-1	23	17	17	19	20.36	cps
Cadmium	106-1	8606	8759	8709	8692	0.90	cps
Cadmium	111-1	6041	6167	6152	6120	1.12	cps
Calcium	43-1	1537	1697	1580	1605	5.16	cps
Calcium	44-1	42640	42667	42456	42588	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4874	4581	4647	4701	3.27	cps
Cobalt	59-2	373	280	310	321	14.84	cps
Copper	63-2	1913	1903	1990	1936	2.45	cps
Dysprosium	156-1	83	77	60	73	16.39	cps
Dysprosium	156-2	23	43	17	28	49.95	cps
Erbium	164-1	123	103	123	117	9.90	cps
Erbium	164-2	80	63	107	83	26.23	cps
Gadolinium	160-1	137	127	140	134	5.16	cps
Gadolinium	160-2	1100	1183	1180	1155	4.09	cps
Holmium	165-1	31616862	31788484	31049719	31485021	1.23	cps
Holmium	165-2	21122623	20885480	21071000	21026368	0.59	cps
Indium	115-1	28144275	28392723	27868152	28135050	0.93	cps
Indium	115-2	9800252	9662835	9671022	9711370	0.79	cps
Iron	56-2	59444	59771	66921	62045	6.81	cps
Iron	57-2	2554	2607	2587	2582	1.04	cps
Iron	54-2	5971	5748	5664	5794	2.74	cps
Krypton	83-1	330	307	350	329	6.60	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P7
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:04:43 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1663	1720	1583	1656	4.15	cps
Lead	207-1	1357	1360	1373	1363	0.65	cps
Lead	208-1	6274	6307	6227	6270	0.64	cps
Lithium	6-1	2740230	2747200	2740804	2742744	0.14	cps
Magnesium	24-2	1660	1497	1740	1632	7.60	cps
Manganese	55-2	2307	2430	2237	2325	4.21	cps
Molybdenum	94-1	1197	1287	1243	1242	3.62	cps
Molybdenum	95-1	147	63	117	109	38.76	cps
Molybdenum	96-1	397	383	360	380	4.88	cps
Molybdenum	97-1	60	90	80	77	19.92	cps
Molybdenum	98-1	233	153	183	190	21.27	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	633	537	573	581	8.40	cps
Phosphorus	31-2	377	317	400	364	11.80	cps
Potassium	39-2	78652	79104	78735	78830	0.31	cps
Rhodium	103-1	27276843	27653903	27404289	27445012	0.70	cps
Rhodium	103-2	16192859	15848469	16036989	16026106	1.08	cps
Scandium	45-1	15970382	15716084	15687524	15791330	0.99	cps
Scandium	45-2	1370493	1346778	1348838	1355369	0.97	cps
Selenium	82-1	1196	1195	1102	1164	4.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	567	477	563	536	9.53	cps
Silicon	28-1	1365255	1364010	1359880	1363048	0.21	cps
Silver	107-1	377	383	393	384	2.18	cps
Silver	109-1	197	257	263	239	15.37	cps
Sodium	23-2	44066	44584	43468	44039	1.27	cps
Strontium	86-1	740	670	640	683	7.51	cps
Strontium	88-1	1117	1083	987	1062	6.36	cps
Sulfur	34-1	304714	306485	309468	306889	0.78	cps
Terbium	159-1	32549326	32568895	32368355	32495525	0.34	cps
Terbium	159-2	21084093	20889337	21033263	21002231	0.48	cps
Thallium	203-1	210	233	210	218	6.19	cps
Thallium	205-1	460	483	527	490	6.90	cps
Tin	118-1	5044	4981	5271	5099	2.99	cps
Titanium	47-1	1717	1650	1570	1646	4.46	cps

LB Number :LB133462

Operator :Jaswal

Lab Sample ID :ICB001

Instrumnet Name :P7

Client Sample ID :ICB001

Dilution Factor :1

Date & Time Acquired :2024-11-14 16:04:43

DataFile Name :014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	30	47	34	31.11	cps
Vanadium	51-2	33	27	40	33	20.00	cps
Yttrium	89-1	37650124	37743758	37594366	37662749	0.20	cps
Yttrium	89-2	9633308	9584842	9624309	9614153	0.27	cps
Zinc	66-2	3414	3420	3550	3462	2.23	cps
Zirconium	90-1	3427	3460	3260	3383	3.17	cps
Zirconium	91-1	610	747	680	679	10.07	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:19:32 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48084324	47646291	47542861	47757825	0.60	cps
Antimony	121-1	26070	26064	25967	26034	0.22	cps
Arsenic	75-2	457	403	407	422	7.08	cps
Barium	135-1	8449	8366	8549	8455	1.09	cps
Barium	137-1	14534	14080	14381	14332	1.61	cps
Beryllium	9-1	500	483	556	513	7.37	cps
Bismuth	209-1	17964710	17896447	18161904	18007687	0.77	cps
Bismuth	209-2	13453230	13512211	13274622	13413355	0.92	cps
Bromine	81-1	16152	15865	16099	16039	0.95	cps
Bromine	81-2	277	263	337	292	13.37	cps
Cadmium	108-1	4447	3977	4054	4160	6.06	cps
Cadmium	106-1	7569	7592	8132	7764	4.11	cps
Cadmium	111-1	7699	7758	7846	7768	0.95	cps
Calcium	43-1	6129066	6077479	6060607	6089051	0.59	cps
Calcium	44-1	100461525	97223095	97575792	98420137	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200444	202356	201058	201286	0.48	cps
Cobalt	59-2	19313	19296	19937	19515	1.87	cps
Copper	63-2	86300	86337	86994	86544	0.45	cps
Dysprosium	156-1	210	110	113	144	39.32	cps
Dysprosium	156-2	93	53	80	76	26.96	cps
Erbium	164-1	240	237	243	240	1.39	cps
Erbium	164-2	173	100	107	127	32.02	cps
Gadolinium	160-1	200	220	223	214	5.89	cps
Gadolinium	160-2	1047	1110	1243	1133	8.86	cps
Holmium	165-1	32047170	32248648	32603585	32299801	0.87	cps
Holmium	165-2	21288128	21223905	21055332	21189122	0.57	cps
Indium	115-1	26937909	26456129	26829740	26741259	0.95	cps
Indium	115-2	9114987	9209429	9197652	9174022	0.56	cps
Iron	56-2	902460627	895969960	890084387	896171658	0.69	cps
Iron	57-2	22609615	22272083	22544660	22475452	0.80	cps
Iron	54-2	49588381	48956044	49545519	49363315	0.72	cps
Krypton	83-1	290	387	353	343	14.30	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:19:32 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77496	77968	76480	77315	0.98	cps
Lead	207-1	60266	60451	59998	60238	0.38	cps
Lead	208-1	288112	288792	286440	287781	0.42	cps
Lithium	6-1	2501600	2430552	2350403	2427518	3.12	cps
Magnesium	24-2	84785259	84947667	83695157	84476028	0.81	cps
Manganese	55-2	60424	60073	59838	60112	0.49	cps
Molybdenum	94-1	14065281	13971401	14027262	14021315	0.34	cps
Molybdenum	95-1	24556350	24298290	24433375	24429339	0.53	cps
Molybdenum	96-1	26400524	26206040	26168097	26258220	0.47	cps
Molybdenum	97-1	15235883	15263226	15194771	15231293	0.23	cps
Molybdenum	98-1	39096684	39577939	39200809	39291811	0.64	cps
Neodymium	150-1	157	123	113	131	17.31	cps
Neodymium	150-2	77	97	60	78	23.61	cps
Nickel	60-2	22507	23048	22417	22657	1.51	cps
Phosphorus	31-2	2521745	2534040	2498234	2518006	0.72	cps
Potassium	39-2	102156205	101992085	101349895	101832728	0.42	cps
Rhodium	103-1	24876932	25148336	24944060	24989776	0.57	cps
Rhodium	103-2	14858773	14822595	14829859	14837075	0.13	cps
Scandium	45-1	15051288	14600388	14407639	14686438	2.25	cps
Scandium	45-2	1280970	1298359	1280470	1286600	0.79	cps
Selenium	82-1	1161	1096	1096	1118	3.34	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	520	463	507	497	5.97	cps
Silicon	28-1	1406421	1340696	1309280	1352132	3.67	cps
Silver	107-1	727	807	833	789	7.04	cps
Silver	109-1	693	687	740	707	4.11	cps
Sodium	23-2	138885018	139181321	138810268	138958869	0.14	cps
Strontium	86-1	256959	257302	254467	256243	0.60	cps
Strontium	88-1	2313004	2263111	2296900	2291005	1.11	cps
Sulfur	34-1	8494234	8294636	8366976	8385282	1.21	cps
Terbium	159-1	32668523	33008463	33074015	32917000	0.66	cps
Terbium	159-2	21046068	21165227	20948635	21053310	0.52	cps
Thallium	203-1	1337	1320	1170	1276	7.20	cps
Thallium	205-1	3344	2974	2787	3035	9.34	cps
Tin	118-1	7695	7432	7879	7669	2.93	cps
Titanium	47-1	5969162	5804063	5762083	5845103	1.87	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P7
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:19:32 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	993	950	943	962	2.82	cps
Vanadium	51-2	1523	1447	1557	1509	3.74	cps
Yttrium	89-1	36999752	36358793	36410289	36589611	0.97	cps
Yttrium	89-2	9342758	9338209	9236632	9305866	0.64	cps
Zinc	66-2	24363	24460	24731	24518	0.78	cps
Zirconium	90-1	3764	4084	4234	4027	5.96	cps
Zirconium	91-1	817	863	877	852	3.70	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:35:55 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46582123	47278323	46429384	46763277	0.97	cps
Antimony	121-1	492215	506235	507059	501836	1.66	cps
Arsenic	75-2	25829	26591	26330	26250	1.47	cps
Barium	135-1	123486	123308	124254	123683	0.41	cps
Barium	137-1	208041	213151	214427	211873	1.59	cps
Beryllium	9-1	39456	39172	38002	38877	1.98	cps
Bismuth	209-1	18284653	17864021	18360825	18169833	1.47	cps
Bismuth	209-2	13509943	13240636	13531609	13427396	1.21	cps
Bromine	81-1	18121	19132	19066	18773	3.01	cps
Bromine	81-2	650	663	663	659	1.17	cps
Cadmium	108-1	11705	12035	12138	11959	1.89	cps
Cadmium	106-1	19119	19310	19383	19271	0.71	cps
Cadmium	111-1	128016	130401	131917	130112	1.51	cps
Calcium	43-1	5900983	6034996	6072737	6002905	1.50	cps
Calcium	44-1	95822932	98297399	99308285	97809539	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	395979	395580	397914	396491	0.31	cps
Cobalt	59-2	329213	327813	325447	327491	0.58	cps
Copper	63-2	302370	304944	300083	302466	0.80	cps
Dysprosium	156-1	140	147	163	150	8.01	cps
Dysprosium	156-2	67	77	100	81	21.09	cps
Erbium	164-1	177	233	253	221	17.99	cps
Erbium	164-2	157	130	180	156	16.08	cps
Gadolinium	160-1	197	213	197	202	4.76	cps
Gadolinium	160-2	1010	1237	1153	1133	10.12	cps
Holmium	165-1	33325974	33000797	32698475	33008415	0.95	cps
Holmium	165-2	21344040	21084154	21210733	21212976	0.61	cps
Indium	115-1	27375287	26714689	27142790	27077589	1.24	cps
Indium	115-2	9245763	9313601	9229079	9262814	0.48	cps
Iron	56-2	898849347	896028413	896635213	897170991	0.17	cps
Iron	57-2	22554935	22740061	22509437	22601478	0.54	cps
Iron	54-2	49461018	49836633	49033356	49443669	0.81	cps
Krypton	83-1	313	303	320	312	2.69	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P7
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:35:55 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	398256	414659	417873	410263	2.56	cps
Lead	207-1	330985	343836	342316	339046	2.07	cps
Lead	208-1	1529194	1588263	1589010	1568822	2.19	cps
Lithium	6-1	2342946	2241315	2213383	2265881	3.01	cps
Magnesium	24-2	83045559	82927122	81227172	82399951	1.23	cps
Manganese	55-2	205352	206129	204155	205212	0.48	cps
Molybdenum	94-1	13782859	14097096	14088036	13989331	1.28	cps
Molybdenum	95-1	23813670	24815966	24636530	24422055	2.19	cps
Molybdenum	96-1	25626451	26679412	26695317	26333727	2.33	cps
Molybdenum	97-1	14989408	15423128	15433664	15282067	1.66	cps
Molybdenum	98-1	38664849	39813864	39956855	39478523	1.79	cps
Neodymium	150-1	123	147	107	126	16.00	cps
Neodymium	150-2	100	93	100	98	3.94	cps
Nickel	60-2	100645	101550	100933	101043	0.46	cps
Phosphorus	31-2	2525195	2530817	2473883	2509965	1.25	cps
Potassium	39-2	102629898	101892758	100825485	101782714	0.89	cps
Rhodium	103-1	26075290	25050610	25074366	25400089	2.30	cps
Rhodium	103-2	14968762	15133861	14860159	14987594	0.92	cps
Scandium	45-1	15024661	14508218	14497539	14676806	2.05	cps
Scandium	45-2	1311276	1296873	1276115	1294755	1.37	cps
Selenium	82-1	8597	8550	8386	8511	1.30	cps
Selenium	77-2	787	760	730	759	3.74	cps
Selenium	78-2	2994	2970	2927	2964	1.14	cps
Silicon	28-1	1326856	1333844	1310702	1323801	0.90	cps
Silver	107-1	578339	596044	597341	590575	1.80	cps
Silver	109-1	552385	568527	567656	562856	1.61	cps
Sodium	23-2	138503875	136218665	138346778	137689772	0.93	cps
Strontium	86-1	257499	262970	264235	261568	1.37	cps
Strontium	88-1	2306026	2360192	2398171	2354796	1.97	cps
Sulfur	34-1	8212989	8223694	8258184	8231622	0.29	cps
Terbium	159-1	34300430	33832699	33791521	33974883	0.83	cps
Terbium	159-2	21053654	20970980	21243753	21089462	0.66	cps
Thallium	203-1	407923	423556	425393	418957	2.29	cps
Thallium	205-1	970577	993346	1002354	988759	1.66	cps
Tin	118-1	7565	7712	7382	7553	2.19	cps
Titanium	47-1	5671890	5914885	5833504	5806759	2.13	cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P7

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:35:55

DataFile Name :

016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	863	930	957	917	5.24	cps
Vanadium	51-2	168826	169954	167528	168770	0.72	cps
Yttrium	89-1	37988697	37137811	37026309	37384272	1.41	cps
Yttrium	89-2	9368759	9319902	9255216	9314626	0.61	cps
Zinc	66-2	62158	60964	60927	61350	1.14	cps
Zirconium	90-1	3777	3981	4051	3936	3.61	cps
Zirconium	91-1	843	873	950	889	6.19	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCV001Instrumnet Name :P7

Client Sample ID :CCV001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:38:56DataFile Name :017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23676609	23809915	23923105	23803210	0.52	cps
Antimony	121-1	11875211	12033562	11958257	11955677	0.66	cps
Arsenic	75-2	637670	633454	635392	635505	0.33	cps
Barium	135-1	14250484	14193514	14331426	14258475	0.49	cps
Barium	137-1	24310810	24493145	24668108	24490688	0.73	cps
Beryllium	9-1	874778	897163	901894	891279	1.63	cps
Bismuth	209-1	17867331	17989580	18047458	17968123	0.51	cps
Bismuth	209-2	12927436	12967603	13022255	12972431	0.37	cps
Bromine	81-1	16259	15822	16086	16056	1.37	cps
Bromine	81-2	163	200	197	187	10.86	cps
Cadmium	108-1	226248	226813	227286	226782	0.23	cps
Cadmium	106-1	327416	330842	332516	330258	0.79	cps
Cadmium	111-1	3152921	3222176	3175435	3183511	1.11	cps
Calcium	43-1	14355654	14561016	14468635	14461768	0.71	cps
Calcium	44-1	231028397	231660537	236576496	233088477	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4758516	4747618	4748980	4751705	0.12	cps
Cobalt	59-2	7761637	7762591	7727145	7750458	0.26	cps
Copper	63-2	56701234	56490996	56712244	56634825	0.22	cps
Dysprosium	156-1	663	577	617	619	7.01	cps
Dysprosium	156-2	907	880	823	870	4.89	cps
Erbium	164-1	673	637	737	682	7.42	cps
Erbium	164-2	400	440	340	393	12.80	cps
Gadolinium	160-1	473	553	500	509	8.00	cps
Gadolinium	160-2	1243	1250	1467	1320	9.63	cps
Holmium	165-1	32670129	32878301	32975079	32841170	0.47	cps
Holmium	165-2	20891942	20760522	20959691	20870719	0.49	cps
Indium	115-1	26527245	27014509	26655343	26732366	0.94	cps
Indium	115-2	9086190	8999210	9062390	9049264	0.50	cps
Iron	56-2	1049283958	1047366171	1054696278	1050448802	0.36	cps
Iron	57-2	26364510	26230664	26392159	26329111	0.33	cps
Iron	54-2	58014267	57634219	58049397	57899295	0.40	cps
Krypton	83-1	360	340	353	351	2.90	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:38:56 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40264217	40560822	40515321	40446787	0.39	cps
Lead	207-1	34982840	35384279	35302423	35223181	0.60	cps
Lead	208-1	160177401	161216613	161186123	160860045	0.37	cps
Lithium	6-1	2197539	2290902	2288943	2259128	2.36	cps
Magnesium	24-2	202612750	204989517	206411617	204671295	0.94	cps
Manganese	55-2	36060421	35957619	36004596	36007546	0.14	cps
Molybdenum	94-1	42818946	42911583	43445376	43058635	0.79	cps
Molybdenum	95-1	61699416	61382731	61755374	61612507	0.33	cps
Molybdenum	96-1	67711381	68020686	67913464	67881843	0.23	cps
Molybdenum	97-1	38323131	38759742	38821715	38634863	0.70	cps
Molybdenum	98-1	98483985	99110972	98720582	98771846	0.32	cps
Neodymium	150-1	743	737	757	746	1.37	cps
Neodymium	150-2	280	193	193	222	22.52	cps
Nickel	60-2	1998825	2004530	1990457	1997937	0.35	cps
Phosphorus	31-2	238176	237282	237288	237582	0.22	cps
Potassium	39-2	122409262	121320342	122953692	122227765	0.68	cps
Rhodium	103-1	24501855	24513663	24343757	24453092	0.39	cps
Rhodium	103-2	14430429	14375724	14485819	14430657	0.38	cps
Scandium	45-1	14452021	14435331	14462126	14449826	0.09	cps
Scandium	45-2	1278773	1305515	1294041	1292777	1.04	cps
Selenium	82-1	182893	185711	184209	184271	0.77	cps
Selenium	77-2	17437	17904	17611	17651	1.34	cps
Selenium	78-2	60720	61564	59318	60534	1.87	cps
Silicon	28-1	11196120	11275939	11506196	11326085	1.42	cps
Silver	107-1	15274012	15255752	15440058	15323274	0.66	cps
Silver	109-1	14701671	14701283	14805419	14736124	0.41	cps
Sodium	23-2	322032795	322681022	327425922	324046580	0.91	cps
Strontium	86-1	3774257	3824532	3855348	3818046	1.07	cps
Strontium	88-1	33197071	33286365	33380121	33287853	0.27	cps
Sulfur	34-1	947856	967542	972008	962468	1.34	cps
Terbium	159-1	33191691	34023659	33532063	33582471	1.25	cps
Terbium	159-2	20809084	20978209	20788505	20858599	0.50	cps
Thallium	203-1	10114460	10315922	10359192	10263191	1.27	cps
Thallium	205-1	24519110	24382923	24519173	24473735	0.32	cps
Tin	118-1	9644037	9753889	9594169	9664032	0.85	cps
Titanium	47-1	13973926	14026561	14191646	14064044	0.81	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P7
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:38:56 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29375007	30533527	29736722	29881752	1.98	cps
Vanadium	51-2	4178809	4225520	4213534	4205954	0.58	cps
Yttrium	89-1	36892175	37138579	36633250	36888001	0.69	cps
Yttrium	89-2	9271697	9287396	9246315	9268469	0.22	cps
Zinc	66-2	9064254	9075247	9004917	9048140	0.42	cps
Zirconium	90-1	20743033	20838816	20930082	20837310	0.45	cps
Zirconium	91-1	4662149	4570271	4661201	4631207	1.14	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCB001Instrumnet Name :P7

Client Sample ID :CCB001Dilution Factor :1

Date & Time Acquired :2024-11-14 16:41:39DataFile Name :018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	843	757	693	764	9.85	cps
Antimony	121-1	4264	4918	6395	5192	21.02	cps
Arsenic	75-2	53	23	27	34	47.73	cps
Barium	135-1	1380	987	617	994	38.39	cps
Barium	137-1	2377	1770	1257	1801	31.13	cps
Beryllium	9-1	206	122	94	141	41.09	cps
Bismuth	209-1	20043329	20141437	19922099	20035622	0.55	cps
Bismuth	209-2	14887094	14384734	14763491	14678440	1.78	cps
Bromine	81-1	14951	14838	15361	15050	1.83	cps
Bromine	81-2	83	110	77	90	19.60	cps
Cadmium	108-1	53	30	27	37	39.62	cps
Cadmium	106-1	9723	9006	9406	9379	3.83	cps
Cadmium	111-1	7226	6527	6809	6854	5.13	cps
Calcium	43-1	2564	2180	1800	2181	17.50	cps
Calcium	44-1	62301	55150	50250	55900	10.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4634	4534	4481	4550	1.71	cps
Cobalt	59-2	313	287	333	311	7.53	cps
Copper	63-2	3260	2907	2704	2957	9.53	cps
Dysprosium	156-1	63	70	57	63	10.52	cps
Dysprosium	156-2	7	20	23	17	52.90	cps
Erbium	164-1	140	130	137	136	3.76	cps
Erbium	164-2	80	97	110	96	15.73	cps
Gadolinium	160-1	113	137	93	114	18.95	cps
Gadolinium	160-2	1080	1160	1190	1143	4.97	cps
Holmium	165-1	34123436	33448417	33168857	33580237	1.46	cps
Holmium	165-2	21799989	21375837	21599389	21591738	0.98	cps
Indium	115-1	29114198	28379735	28098799	28530911	1.84	cps
Indium	115-2	9828719	9708978	9507062	9681586	1.68	cps
Iron	56-2	76483	71499	66908	71630	6.69	cps
Iron	57-2	2867	2574	2724	2721	5.39	cps
Iron	54-2	6485	6138	6118	6247	3.30	cps
Krypton	83-1	243	313	323	293	14.86	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:41:39 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	3874	3264	4156	25.56	cps
Lead	207-1	4437	3370	2710	3506	24.86	cps
Lead	208-1	20456	15787	12312	16185	25.25	cps
Lithium	6-1	2631694	2578405	2531762	2580620	1.94	cps
Magnesium	24-2	4001	3364	2957	3440	15.29	cps
Manganese	55-2	2760	2527	2520	2602	5.25	cps
Molybdenum	94-1	5564	4494	4224	4761	14.89	cps
Molybdenum	95-1	5835	4581	3957	4791	19.96	cps
Molybdenum	96-1	6915	5231	4551	5566	21.87	cps
Molybdenum	97-1	4037	2860	2357	3085	27.96	cps
Molybdenum	98-1	9623	7195	6011	7610	24.20	cps
Neodymium	150-1	33	40	70	48	40.88	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	583	553	570	569	2.64	cps
Phosphorus	31-2	297	317	360	324	9.98	cps
Potassium	39-2	93525	92530	92079	92711	0.80	cps
Rhodium	103-1	27618934	27285230	27120656	27341607	0.93	cps
Rhodium	103-2	16294936	16074694	15984144	16117924	0.99	cps
Scandium	45-1	15220521	15134769	14964514	15106601	0.86	cps
Scandium	45-2	1325803	1297101	1323416	1315440	1.21	cps
Selenium	82-1	1169	1030	1068	1089	6.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	447	507	610	521	15.85	cps
Silicon	28-1	883941	876447	878500	879629	0.44	cps
Silver	107-1	2033	1513	1037	1528	32.63	cps
Silver	109-1	1847	1123	873	1281	39.46	cps
Sodium	23-2	72791	71080	70919	71596	1.45	cps
Strontium	86-1	873	850	743	822	8.43	cps
Strontium	88-1	3610	2667	1770	2683	34.31	cps
Sulfur	34-1	238570	242378	240113	240354	0.80	cps
Terbium	159-1	34530563	34274336	34645198	34483366	0.55	cps
Terbium	159-2	21797393	21543716	21783591	21708233	0.66	cps
Thallium	203-1	2370	1867	1680	1972	18.10	cps
Thallium	205-1	5414	4521	4101	4679	14.34	cps
Tin	118-1	6145	6085	5681	5970	4.22	cps
Titanium	47-1	2624	2387	1880	2297	16.54	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P7
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:41:39 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2237	1627	933	1599	40.79	cps
Vanadium	51-2	80	90	60	77	19.92	cps
Yttrium	89-1	38406436	38099079	37626235	38043917	1.03	cps
Yttrium	89-2	9557879	9325771	9465984	9449878	1.24	cps
Zinc	66-2	3537	3544	3577	3553	0.60	cps
Zirconium	90-1	5971	5711	5504	5729	4.08	cps
Zirconium	91-1	1280	1167	1200	1216	4.79	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : P4570-01A Instrumnet Name : P7
Client Sample ID : MYE531ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:44:54 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30794439	30268005	30370836	30477760	0.92	cps
Antimony	121-1	24250	24634	25630	24838	2.87	cps
Arsenic	75-2	160346	158448	157906	158900	0.81	cps
Barium	135-1	3434659	3496088	3500934	3477227	1.06	cps
Barium	137-1	5828749	5939520	5942099	5903456	1.10	cps
Beryllium	9-1	3912	3728	4039	3893	4.02	cps
Bismuth	209-1	19866116	19526193	20123768	19838692	1.51	cps
Bismuth	209-2	14445755	14413205	14482217	14447059	0.24	cps
Bromine	81-1	26337	27923	28361	27540	3.87	cps
Bromine	81-2	2694	2850	2717	2754	3.07	cps
Cadmium	108-1	1307	1267	1307	1293	1.79	cps
Cadmium	106-1	12862	12976	12839	12892	0.57	cps
Cadmium	111-1	16512	16562	16412	16495	0.46	cps
Calcium	43-1	3639474	3649997	3669354	3652941	0.41	cps
Calcium	44-1	58916467	58867297	58892761	58892175	0.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1166721	1161983	1163889	1164197	0.20	cps
Cobalt	59-2	888750	883369	885639	885919	0.30	cps
Copper	63-2	2707393	2709258	2708822	2708491	0.04	cps
Dysprosium	156-1	232700	237041	235838	235193	0.95	cps
Dysprosium	156-2	190267	192207	189389	190621	0.76	cps
Erbium	164-1	183702	184552	186460	184904	0.76	cps
Erbium	164-2	121832	119300	119701	120278	1.13	cps
Gadolinium	160-1	215681	218258	223376	219105	1.79	cps
Gadolinium	160-2	150895	150616	149057	150189	0.66	cps
Holmium	165-1	34413137	34461994	35110863	34661998	1.12	cps
Holmium	165-2	22255347	22340941	22087040	22227776	0.58	cps
Indium	115-1	29014047	29152762	29148505	29105105	0.27	cps
Indium	115-2	9713506	9606603	9677365	9665825	0.56	cps
Iron	56-2	957075612	951491399	967450759	958672590	0.84	cps
Iron	57-2	23866235	23481307	23751399	23699647	0.83	cps
Iron	54-2	52963844	52028299	51736353	52242832	1.23	cps
Krypton	83-1	590	633	653	626	5.18	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : P4570-01A Instrumnet Name : P7
Client Sample ID : MYE531ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:44:54 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1067044	1078245	1073390	1072893	0.52	cps
Lead	207-1	908987	928855	923043	920295	1.11	cps
Lead	208-1	4253693	4277852	4330063	4287203	0.91	cps
Lithium	6-1	2426515	2420736	2365446	2404232	1.40	cps
Magnesium	24-2	21255097	20742631	20569622	20855783	1.71	cps
Manganese	55-2	21501144	21171499	21306938	21326527	0.78	cps
Molybdenum	94-1	313060	322893	322954	319636	1.78	cps
Molybdenum	95-1	12178	12559	12632	12457	1.96	cps
Molybdenum	96-1	72565	73828	75540	73978	2.02	cps
Molybdenum	97-1	7605	7739	7639	7661	0.91	cps
Molybdenum	98-1	18709	19300	19864	19291	2.99	cps
Neodymium	150-1	448160	454740	457371	453424	1.05	cps
Neodymium	150-2	253139	250215	250990	251448	0.60	cps
Nickel	60-2	504690	510797	512968	509485	0.84	cps
Phosphorus	31-2	72444	72146	73697	72762	1.13	cps
Potassium	39-2	10698977	10632099	10865895	10732324	1.12	cps
Rhodium	103-1	27694696	27329443	27221962	27415367	0.90	cps
Rhodium	103-2	16076378	16061166	16177665	16105070	0.39	cps
Scandium	45-1	16212432	16356636	16216006	16261691	0.51	cps
Scandium	45-2	1473869	1430817	1476434	1460373	1.75	cps
Selenium	82-1	1562	1519	1476	1519	2.82	cps
Selenium	77-2	817	783	827	809	2.81	cps
Selenium	78-2	1173	1133	1213	1173	3.41	cps
Silicon	28-1	81415737	82880050	82280435	82192074	0.90	cps
Silver	107-1	40480	41208	41386	41025	1.17	cps
Silver	109-1	39801	39006	38498	39101	1.68	cps
Sodium	23-2	334341	328783	332466	331863	0.85	cps
Strontium	86-1	794666	813771	812765	807067	1.33	cps
Strontium	88-1	7125215	7172319	7342518	7213351	1.58	cps
Sulfur	34-1	264359	262410	257322	261364	1.39	cps
Terbium	159-1	35281495	35300254	35483010	35354920	0.31	cps
Terbium	159-2	22192367	22128319	21953655	22091447	0.56	cps
Thallium	203-1	14968	14298	13927	14398	3.67	cps
Thallium	205-1	35005	32495	32956	33486	3.99	cps
Tin	118-1	60737	61253	61457	61149	0.61	cps
Titanium	47-1	4234546	4244449	4223339	4234111	0.25	cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

P4570-01A

Instrumnet Name :

P7

Client Sample ID :

MYE531ARE

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:44:54

DataFile Name :

019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76583	76097	76426	76369	0.32	cps
Vanadium	51-2	1711758	1672904	1659153	1681272	1.62	cps
Yttrium	89-1	41663559	41962619	42625458	42083878	1.17	cps
Yttrium	89-2	10503965	10363410	10542666	10470014	0.90	cps
Zinc	66-2	602526	597647	596162	598778	0.56	cps
Zirconium	90-1	832602	855347	863398	850449	1.88	cps
Zirconium	91-1	187070	189162	191087	189106	1.06	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:57:30 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24369124	24554506	24383873	24435834	0.42	cps
Antimony	121-1	11517722	11722761	11773729	11671404	1.16	cps
Arsenic	75-2	609588	599891	604590	604690	0.80	cps
Barium	135-1	14066547	14395968	14579942	14347486	1.81	cps
Barium	137-1	24143364	24494490	24654141	24430665	1.07	cps
Beryllium	9-1	994591	946326	949555	963491	2.80	cps
Bismuth	209-1	17513401	17552528	18033390	17699773	1.64	cps
Bismuth	209-2	12940527	12871598	13115744	12975956	0.97	cps
Bromine	81-1	16356	15962	15625	15981	2.29	cps
Bromine	81-2	113	113	143	123	14.05	cps
Cadmium	108-1	213986	218964	217036	216662	1.16	cps
Cadmium	106-1	311151	318724	318590	316155	1.37	cps
Cadmium	111-1	2972317	3056093	3006799	3011736	1.40	cps
Calcium	43-1	14482062	14767526	14678387	14642658	1.00	cps
Calcium	44-1	232776610	238981683	238638810	236799034	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4810508	4828914	4843096	4827506	0.34	cps
Cobalt	59-2	7675704	7590017	7554061	7606594	0.82	cps
Copper	63-2	55326354	55130099	55099636	55185363	0.22	cps
Dysprosium	156-1	617	683	500	600	15.47	cps
Dysprosium	156-2	853	963	920	912	6.07	cps
Erbium	164-1	590	673	653	639	6.81	cps
Erbium	164-2	477	423	380	427	11.35	cps
Gadolinium	160-1	460	520	580	520	11.54	cps
Gadolinium	160-2	1333	1467	1300	1367	6.45	cps
Holmium	165-1	31692388	32530134	33080881	32434468	2.16	cps
Holmium	165-2	20754555	20795426	21090921	20880301	0.88	cps
Indium	115-1	26371923	26409936	26575879	26452579	0.41	cps
Indium	115-2	9018731	8991694	8926031	8978819	0.53	cps
Iron	56-2	1070480144	1054999744	1060696758	1062058882	0.74	cps
Iron	57-2	26880562	26981508	26491968	26784679	0.96	cps
Iron	54-2	58295034	58544197	57987816	58275682	0.48	cps
Krypton	83-1	333	347	337	339	2.05	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P7
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 16:57:30 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40038008	41197241	40580083	40605111	1.43	cps
Lead	207-1	34601236	35798224	35157081	35185514	1.70	cps
Lead	208-1	158282473	163199625	161673438	161051845	1.56	cps
Lithium	6-1	2281703	2341615	2411678	2344999	2.77	cps
Magnesium	24-2	208388537	208350424	211928010	209555657	0.98	cps
Manganese	55-2	36040933	36087334	36125144	36084470	0.12	cps
Molybdenum	94-1	42112540	43816044	43124269	43017618	1.99	cps
Molybdenum	95-1	61056829	62746951	62812312	62205364	1.60	cps
Molybdenum	96-1	67112292	68635504	69179207	68309001	1.57	cps
Molybdenum	97-1	38241830	38849568	39067321	38719573	1.10	cps
Molybdenum	98-1	98087332	100141899	100115415	99448215	1.19	cps
Neodymium	150-1	737	780	903	807	10.72	cps
Neodymium	150-2	213	193	237	214	10.11	cps
Nickel	60-2	1959774	1940432	1935987	1945398	0.65	cps
Phosphorus	31-2	242871	243278	241805	242651	0.31	cps
Potassium	39-2	123290332	122847665	125403461	123847153	1.10	cps
Rhodium	103-1	24154990	24329212	24433237	24305813	0.58	cps
Rhodium	103-2	14387672	14400006	14321843	14369840	0.29	cps
Scandium	45-1	14563839	14620792	14688269	14624300	0.43	cps
Scandium	45-2	1276473	1281174	1298972	1285540	0.92	cps
Selenium	82-1	175142	178462	177217	176940	0.95	cps
Selenium	77-2	17791	17410	17110	17437	1.96	cps
Selenium	78-2	58572	58117	58625	58438	0.48	cps
Silicon	28-1	11357677	11754464	11676299	11596147	1.81	cps
Silver	107-1	14906543	15066804	14829435	14934261	0.81	cps
Silver	109-1	14035892	14348999	14199681	14194857	1.10	cps
Sodium	23-2	332563442	330022368	331827215	331471008	0.39	cps
Strontium	86-1	3776170	3855885	3847329	3826461	1.14	cps
Strontium	88-1	32819986	33634159	33486440	33313528	1.30	cps
Sulfur	34-1	1001166	1009508	999679	1003451	0.53	cps
Terbium	159-1	32791833	32827658	33647483	33088991	1.46	cps
Terbium	159-2	20834527	20720363	20997154	20850682	0.67	cps
Thallium	203-1	10051449	10413395	10324584	10263143	1.84	cps
Thallium	205-1	24190556	24640335	24554230	24461707	0.98	cps
Tin	118-1	9569226	9710266	9767219	9682237	1.05	cps
Titanium	47-1	13963371	14629055	14284928	14292452	2.33	cps

LB Number :

LB133462

Operator :

Jaswal

Lab Sample ID :

CCV002

Instrumnet Name :

P7

Client Sample ID :

CCV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-14 16:57:30

DataFile Name :

020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28997852	30440928	30045992	29828257	2.50	cps
Vanadium	51-2	4219498	4247483	4231952	4232977	0.33	cps
Yttrium	89-1	36265739	36529698	36664711	36486716	0.56	cps
Yttrium	89-2	9280810	9234317	9252265	9255797	0.25	cps
Zinc	66-2	8768087	8734746	8808344	8770393	0.42	cps
Zirconium	90-1	20496519	21120991	20760662	20792724	1.51	cps
Zirconium	91-1	4549314	4698180	4638348	4628614	1.62	cps

LB Number :LB133462Operator :Jaswal

Lab Sample ID :CCB002Instrumnet Name :P7

Client Sample ID :CCB002Dilution Factor :1

Date & Time Acquired :2024-11-14 17:00:10DataFile Name :021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	510	473	531	13.32	cps
Antimony	121-1	3891	4614	6478	4994	26.73	cps
Arsenic	75-2	17	33	30	27	33.06	cps
Barium	135-1	1277	680	500	819	49.65	cps
Barium	137-1	2274	1253	930	1486	47.20	cps
Beryllium	9-1	200	133	117	150	29.39	cps
Bismuth	209-1	19589482	19572229	19299258	19486990	0.84	cps
Bismuth	209-2	14684572	14479907	14523342	14562607	0.74	cps
Bromine	81-1	15168	14757	15355	15093	2.02	cps
Bromine	81-2	120	93	103	106	12.76	cps
Cadmium	108-1	50	60	37	49	23.94	cps
Cadmium	106-1	9483	9493	9230	9402	1.59	cps
Cadmium	111-1	6980	6843	6592	6805	2.89	cps
Calcium	43-1	2244	1883	1643	1923	15.70	cps
Calcium	44-1	61003	51056	47053	53037	13.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4727	4734	4327	4596	5.07	cps
Cobalt	59-2	317	313	343	324	5.07	cps
Copper	63-2	2560	2450	2504	2505	2.20	cps
Dysprosium	156-1	60	43	43	49	19.69	cps
Dysprosium	156-2	17	30	20	22	31.22	cps
Erbium	164-1	133	173	120	142	19.52	cps
Erbium	164-2	97	77	57	77	26.09	cps
Gadolinium	160-1	143	117	107	122	15.51	cps
Gadolinium	160-2	1137	1047	1180	1121	6.07	cps
Holmium	165-1	33163138	32667861	32181890	32670963	1.50	cps
Holmium	165-2	21345012	21170452	21487203	21334222	0.74	cps
Indium	115-1	28045679	27944970	27861607	27950752	0.33	cps
Indium	115-2	9608956	9507378	9476655	9530996	0.73	cps
Iron	56-2	64354	63353	61492	63066	2.30	cps
Iron	57-2	2644	2640	2550	2611	2.03	cps
Iron	54-2	6005	5898	5631	5845	3.29	cps
Krypton	83-1	373	317	313	334	10.08	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 17:00:10 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4864	3284	2434	3527	34.97	cps
Lead	207-1	4097	2750	2140	2996	33.43	cps
Lead	208-1	18902	12732	9942	13859	33.09	cps
Lithium	6-1	2564304	2567237	2589412	2573651	0.53	cps
Magnesium	24-2	2654	2390	2384	2476	6.22	cps
Manganese	55-2	2440	2230	2297	2322	4.62	cps
Molybdenum	94-1	5438	3834	3537	4270	23.95	cps
Molybdenum	95-1	5491	3450	3004	3982	33.30	cps
Molybdenum	96-1	6465	4154	3484	4701	33.27	cps
Molybdenum	97-1	3494	1987	1733	2405	39.58	cps
Molybdenum	98-1	8990	5241	4474	6235	38.75	cps
Neodymium	150-1	23	20	33	26	27.15	cps
Neodymium	150-2	13	17	23	18	28.64	cps
Nickel	60-2	710	597	617	641	9.44	cps
Phosphorus	31-2	287	320	303	303	5.50	cps
Potassium	39-2	91613	91144	91161	91306	0.29	cps
Rhodium	103-1	27174380	27066092	26754422	26998298	0.81	cps
Rhodium	103-2	15873839	15969336	15829432	15890869	0.45	cps
Scandium	45-1	14884031	14780229	14878776	14847679	0.39	cps
Scandium	45-2	1308981	1300953	1314743	1308226	0.53	cps
Selenium	82-1	914	978	840	911	7.62	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	490	537	477	501	6.29	cps
Silicon	28-1	877593	870746	873207	873849	0.40	cps
Silver	107-1	1573	1030	730	1111	38.47	cps
Silver	109-1	1267	903	717	962	29.07	cps
Sodium	23-2	71415	70694	69717	70609	1.21	cps
Strontium	86-1	770	730	643	714	9.06	cps
Strontium	88-1	3297	2040	1647	2328	37.03	cps
Sulfur	34-1	243855	244486	244018	244120	0.13	cps
Terbium	159-1	33687910	33743656	33477982	33636516	0.42	cps
Terbium	159-2	21417008	21168589	21146037	21243878	0.71	cps
Thallium	203-1	1923	1470	1350	1581	19.13	cps
Thallium	205-1	4467	3857	3404	3909	13.65	cps
Tin	118-1	7459	6585	6802	6948	6.55	cps
Titanium	47-1	2610	1877	1753	2080	22.27	cps

LB Number : LB133462 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P7
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-14 17:00:10 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2284	1087	640	1337	63.57	cps
Vanadium	51-2	73	50	37	53	34.79	cps
Yttrium	89-1	37645295	37378872	37176207	37400125	0.63	cps
Yttrium	89-2	9481863	9350338	9377448	9403216	0.74	cps
Zinc	66-2	3834	3567	3474	3625	5.16	cps
Zirconium	90-1	6075	5078	5608	5587	8.93	cps
Zirconium	91-1	1273	1193	1197	1221	3.71	cps