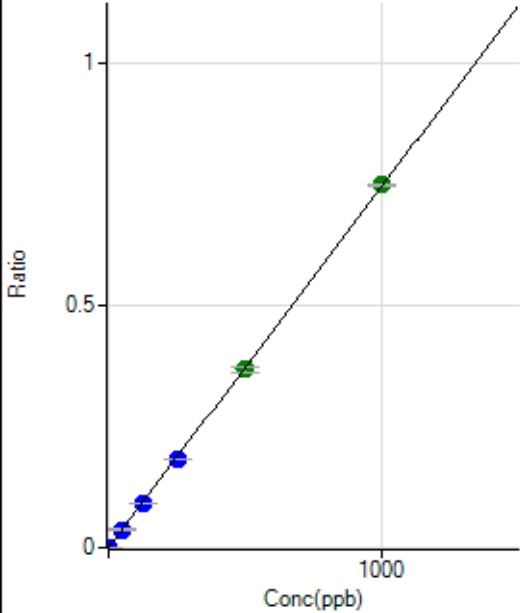


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111324MS5.b\
Analysis File: P7111324MS5.batch.bin
DA Date-Time: 2024-11-13 20:35:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-13 16:25:45
2	006CALS.d	S02	2024-11-13 16:32:18
3	007CALS.d	S03	2024-11-13 16:35:33
4	008CALS.d	S04	2024-11-13 16:38:28
5	009CALS.d	S05	2024-11-13 16:41:11
6	010CALS.d	S06	2024-11-13 16:43:59
7	011CALS.d	S07	2024-11-13 16:46:43
8	012CALS.d	S08	2024-11-13 16:49:29

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	44.
2	☐	1.000	1.055	2778.06	0.0008	P	4.1
3	☐	50.000	50.131	136661.57	0.0374	P	3.0
4	☐	125.000	123.946	341706.69	0.0925	P	1.3
5	☐	250.000	244.030	658678.12	0.1821	P	0.8
6	☐	500.000	493.010	1334222.92	0.3678	A	2.5
7	☐	1000.000	1005.113	2546931.60	0.7498	A	0.6
8	☐			292.60	0.0001	P	34.

y = 7.4597E-004 * x + 1.9820E-005

R = 0.9999

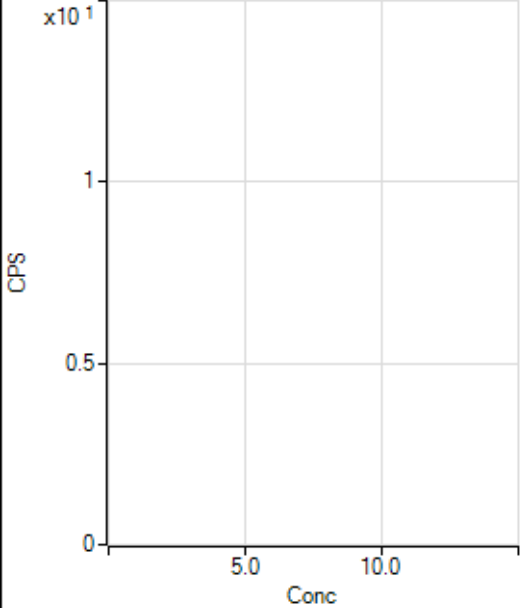
DL = 0.03541

BEC = 0.02657

Weight: <None>

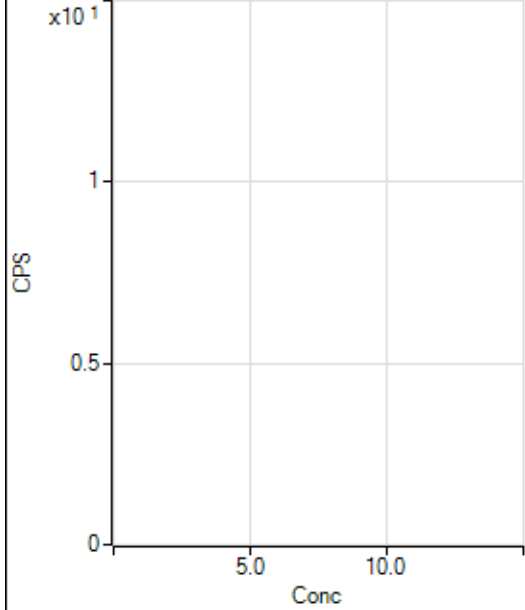
Min Conc: 0

12 C [No Gas] No available calibration points



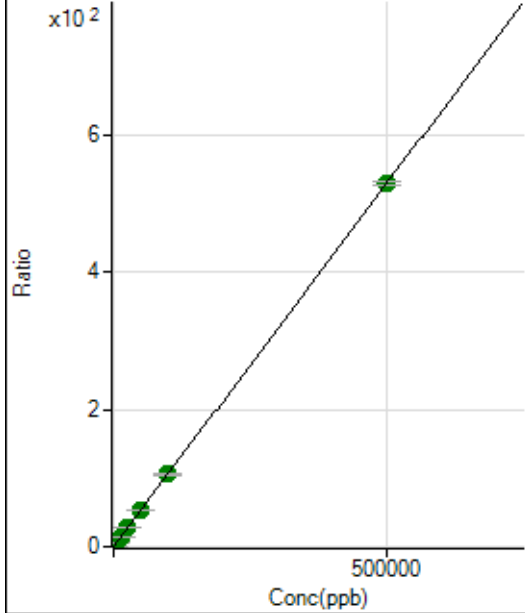
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	68682.13	0.0506	P	2.8
2	☐	500.000	486.687	770736.31	0.5653	P	1.0
3	☐	5000.000	5112.322	7415881.76	5.4571	A	2.9
4	☐	12500.000	12810.494	18068598.06	13.5982	A	0.7
5	☐	25000.000	25680.443	35299585.31	27.2086	A	1.4
6	☐	50000.000	51112.121	69379525.63	54.1035	A	0.5
7	☐	100000.00	100173.03	136170756.86	105.9873	A	2.0
8	☐	500000.00	499811.28	629278332.85	528.6195	A	1.2

$$y = 0.0011 * x + 0.0506$$

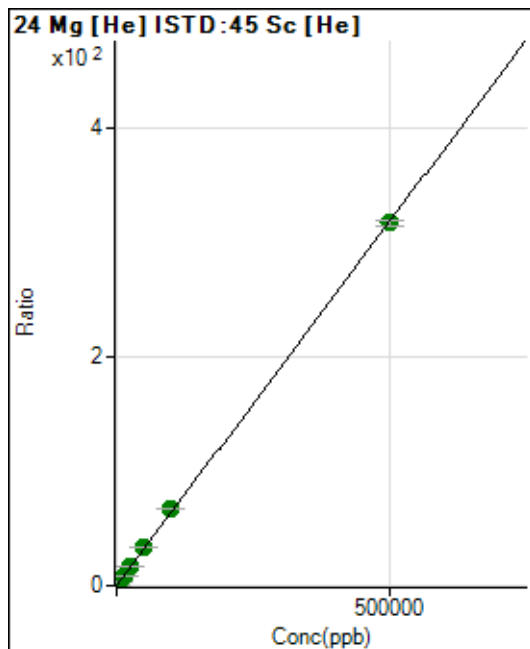
$$R = 1.0000$$

$$DL = 3.969$$

$$BEC = 47.83$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3103.68	0.0023	P	2.5
2	☐	500.000	517.369	451269.36	0.3310	P	0.9
3	☐	5000.000	5362.164	4632675.66	3.4088	A	2.3
4	☐	12500.000	13410.925	11323617.61	8.5220	A	0.3
5	☐	25000.000	26787.958	22080254.39	17.0202	A	0.4
6	☐	50000.000	52890.513	43088566.58	33.6027	A	1.1
7	☐	100000.00	105863.76	86416524.27	67.2557	A	1.2
8	☐	500000.00	498422.38	376938576.61	316.6414	A	1.6

$$y = 6.3528E-004 * x + 0.0023$$

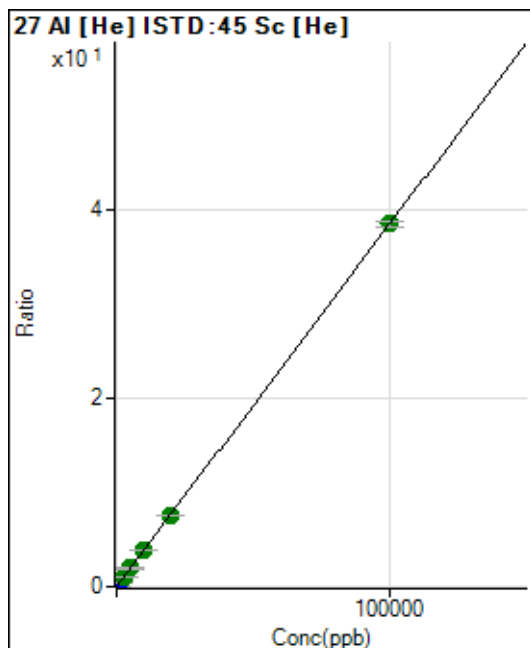
R = 0.9999

DL = 0.2734

BEC = 3.597

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	451.12	0.0003	P	12.
2	☐	20.000	19.456	10635.99	0.0078	P	3.3
3	☐	1000.000	1010.786	527777.78	0.3883	P	2.1
4	☐	2500.000	2510.947	1281147.44	0.9642	A	0.7
5	☐	5000.000	5063.744	2522203.37	1.9441	A	1.4
6	☐	10000.000	9923.631	4885275.83	3.8096	A	1.0
7	☐	20000.000	19567.259	9651198.95	7.5114	A	1.5
8	☐	100000.00	100090.61	45737239.32	38.4209	A	1.6

$$y = 3.8386E-004 * x + 3.3255E-004$$

R = 1.0000

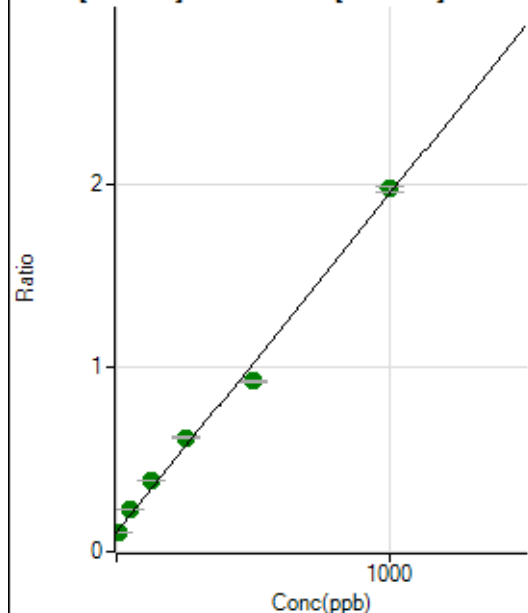
DL = 0.3147

BEC = 0.8663

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	1802033.10	0.1049	A	1.7
2	☐	10.000	0.642	1848441.78	0.1061	A	1.6
3	☐	50.000	67.279	3926745.01	0.2288	A	0.7
4	☐	125.000	151.890	6447270.81	0.3847	A	0.4
5	☐	250.000	279.835	9987218.81	0.6203	A	0.8
6	☐	500.000	446.631	14769078.39	0.9274	A	1.7
7	☐	1000.000	1015.094	31070990.09	1.9743	A	1.4
8	☐			1698913.54	0.1177	A	8.8

$$y = 0.0018 * x + 0.1049$$

$$R = 0.9969$$

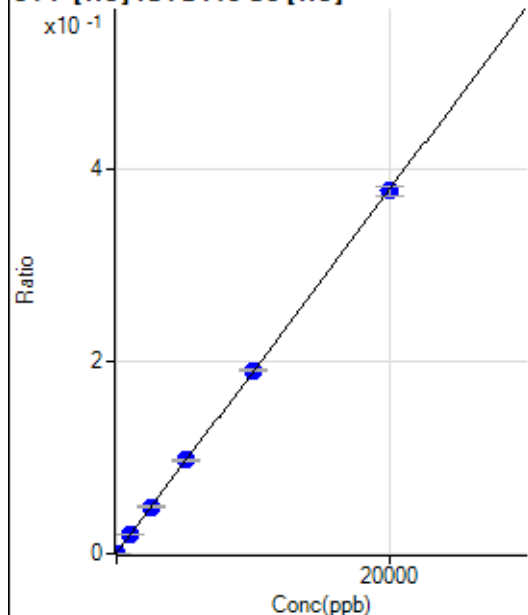
$$DL = 2.861$$

$$BEC = 56.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.868	241.12	0.0002	P	9.5
2	☐	0.000	16.868	1112.27	0.0008	P	1.7
3	☐	1000.000	1035.568	27306.71	0.0201	P	1.9
4	☐	2500.000	2562.632	65091.03	0.0490	P	0.5
5	☐	5000.000	5122.124	126381.73	0.0974	P	1.2
6	☐	10000.000	10064.221	244835.65	0.1909	P	0.7
7	☐	20000.000	19927.751	485071.39	0.3776	P	2.4
8	☐			452.23	0.0004	P	7.0

$$y = 1.8922E-005 * x + 4.9652E-004$$

$$R = 1.0000$$

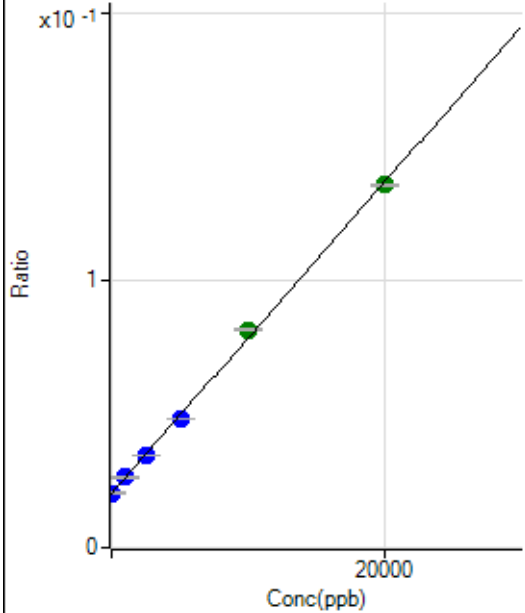
$$DL = 2.44$$

$$BEC = 26.24$$

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	-19.425	346550.36	0.0202	P	1.0
2	☐	0.000	19.425	355474.70	0.0204	P	0.9
3	☐	1000.000	1029.434	450998.30	0.0263	P	0.6
4	☐	2500.000	2430.689	577143.11	0.0344	P	0.2
5	☐	5000.000	4762.029	772744.54	0.0480	P	0.6
6	☐	10000.000	10494.785	1295337.43	0.0813	A	0.9
7	☐	20000.000	19819.292	2133648.63	0.1356	A	0.5
8	☐			267389.25	0.0185	P	8.6

$y = 5.8162E-006 * x + 0.0203$

R = 0.9995

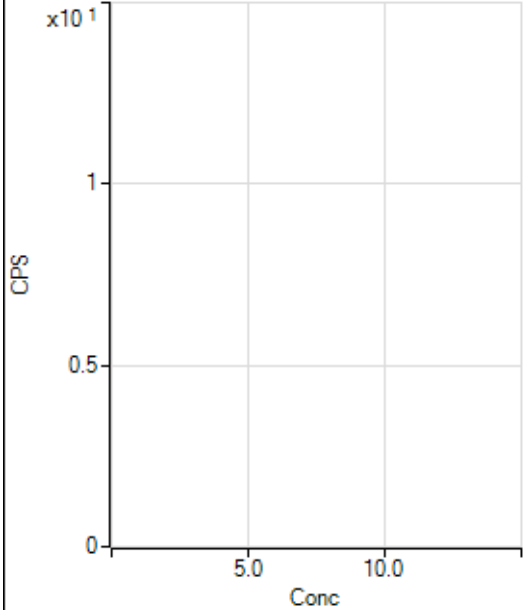
DL = 95.81

BEC = 3490

Weight: <None>

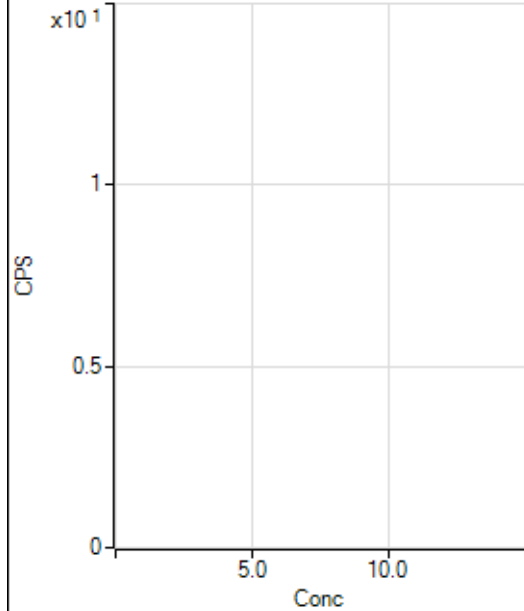
Min Conc: 0

35 Cl [No Gas] No available calibration points



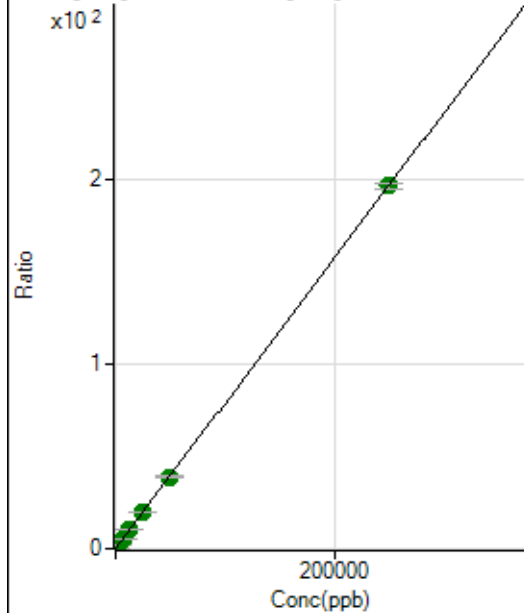
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	83819.04	0.0617	P	1.6
2	☐	500.000	534.396	657248.08	0.4820	P	0.4
3	☐	2500.000	2559.811	2819806.69	2.0750	A	2.9
4	☐	6250.000	6256.114	6620147.89	4.9822	A	1.0
5	☐	12500.000	12560.387	12896243.98	9.9406	A	0.5
6	☐	25000.000	24726.875	25018220.18	19.5096	A	0.4
7	☐	50000.000	49600.370	50197493.70	39.0728	A	2.4
8	☐	250000.00	250103.39	234238996.51	196.7700	A	1.2

$$y = 7.8651E-004 * x + 0.0617$$

$$R = 1.0000$$

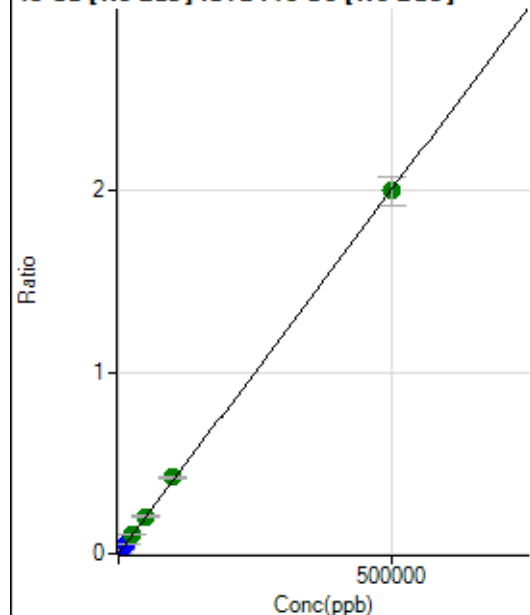
$$DL = 3.856$$

$$BEC = 78.48$$

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	834.48	0.0000	P	7.2
2	☐	500.000	552.763	39386.61	0.0023	P	1.3
3	☐	5000.000	5613.600	386449.79	0.0225	P	1.3
4	☐	12500.000	13631.388	915414.36	0.0546	P	0.7
5	☐	25000.000	26285.931	1695073.20	0.1053	A	1.1
6	☐	50000.000	51258.604	3268256.10	0.2052	A	2.1
7	☐	100000.00	105005.01	6616150.66	0.4204	A	1.2
8	☐	500000.00	498774.36	28847212.07	1.9967	A	7.7

$$y = 4.0031E-006 * x + 4.8594E-005$$

R = 0.9999

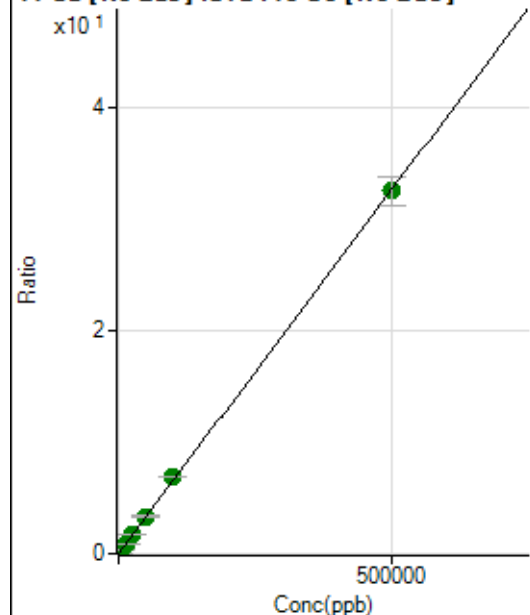
DL = 2.631

BEC = 12.14

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	61258.06	0.0036	P	0.5
2	☐	500.000	548.559	685384.50	0.0394	P	1.3
3	☐	5000.000	5435.413	6145829.28	0.3581	A	1.3
4	☐	12500.000	13118.081	14402260.90	0.8593	A	0.8
5	☐	25000.000	26177.797	27552540.98	1.7112	A	0.3
6	☐	50000.000	51474.996	53526259.20	3.3614	A	2.1
7	☐	100000.00	104885.31	107732647.29	6.8454	A	0.9
8	☐	500000.00	498796.69	470115890.77	32.5409	A	7.7

$$y = 6.5232E-005 * x + 0.0036$$

R = 0.9999

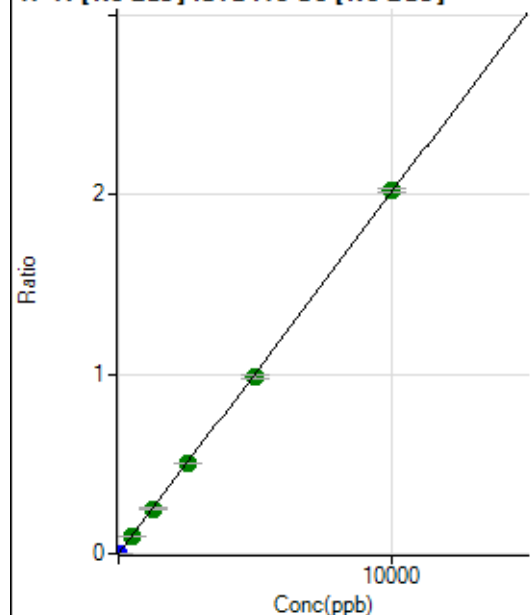
DL = 0.84

BEC = 54.69

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2202.41	0.0001	P	4.7
2	☐	5.000	4.955	19607.19	0.0011	P	1.4
3	☐	500.000	499.988	1729027.06	0.1008	A	0.9
4	☐	1250.000	1249.075	4215664.73	0.2515	A	1.0
5	☐	2500.000	2510.704	8138179.18	0.5054	A	1.3
6	☐	5000.000	4907.817	15730649.62	0.9879	A	2.4
7	☐	10000.000	10043.532	31814280.36	2.0215	A	1.0
8	☐			2672.49	0.0002	P	8.4

$$y = 2.0126E-004 * x + 1.2828E-004$$

R = 0.9999

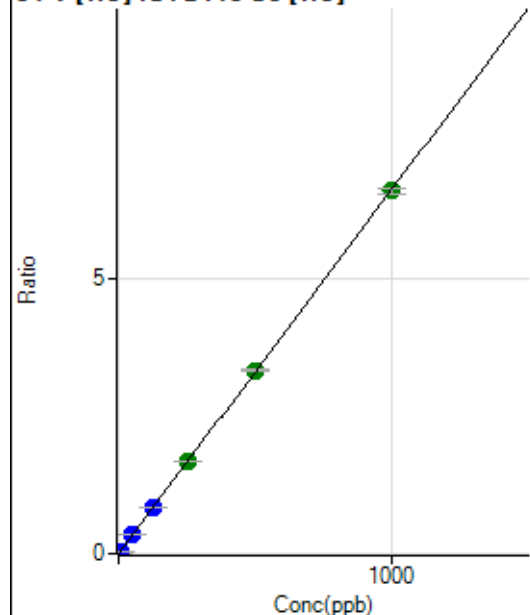
DL = 0.09069

BEC = 0.6374

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	18.
2	☐	5.000	5.227	47137.97	0.0346	P	1.0
3	☐	50.000	50.826	456631.77	0.3360	P	2.4
4	☐	125.000	125.277	1100413.89	0.8282	P	0.2
5	☐	250.000	253.264	2171885.47	1.6742	A	1.3
6	☐	500.000	503.419	4267351.01	3.3278	A	0.7
7	☐	1000.000	997.397	8471371.26	6.5932	A	1.4
8	☐			1286.74	0.0011	P	6.0

$$y = 0.0066 * x + 2.2076E-005$$

R = 1.0000

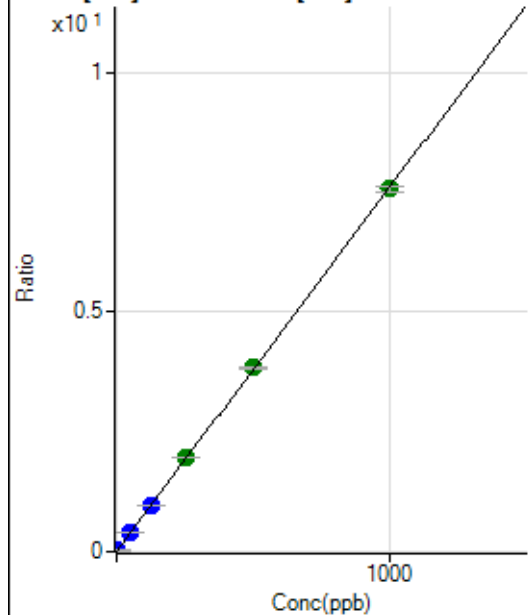
DL = 0.001896

BEC = 0.00334

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	5153.15	0.0038	P	3.7
2	☐	2.000	2.143	27394.98	0.0201	P	0.4
3	☐	50.000	51.728	539737.87	0.3971	P	1.7
4	☐	125.000	126.732	1285446.68	0.9674	P	0.6
5	☐	250.000	256.952	2539558.40	1.9576	A	0.8
6	☐	500.000	503.940	4918422.98	3.8355	A	0.7
7	☐	1000.000	995.989	9735000.76	7.5769	A	1.6
8	☐			29197.86	0.0245	P	4.0

$$y = 0.0076 * x + 0.0038$$

$$R = 1.0000$$

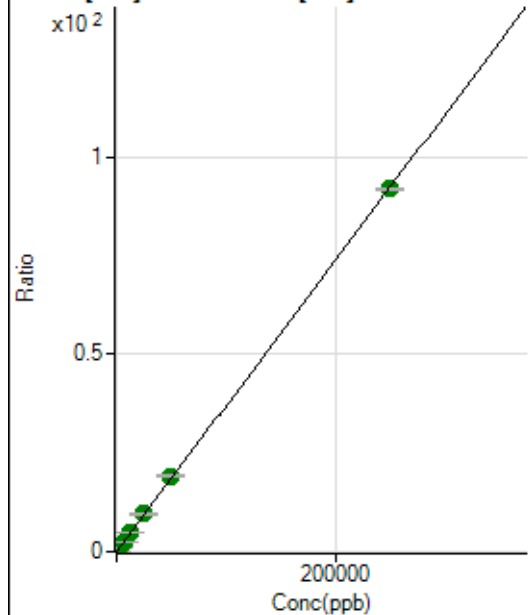
$$DL = 0.05614$$

$$BEC = 0.4992$$

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	6215.77	0.0046	P	1.2
2	☐	50.000	57.619	35212.30	0.0258	P	1.8
3	☐	2500.000	2730.459	1375075.41	1.0116	A	1.1
4	☐	6250.000	6652.890	3266276.69	2.4582	A	1.5
5	☐	12500.000	13325.463	6381442.68	4.9190	A	0.2
6	☐	25000.000	25910.023	12258959.68	9.5602	A	1.1
7	☐	50000.000	52070.451	24678061.85	19.2082	A	2.0
8	☐	250000.00	249441.25	109518860.59	91.9985	A	0.8

$$y = 3.6880E-004 * x + 0.0046$$

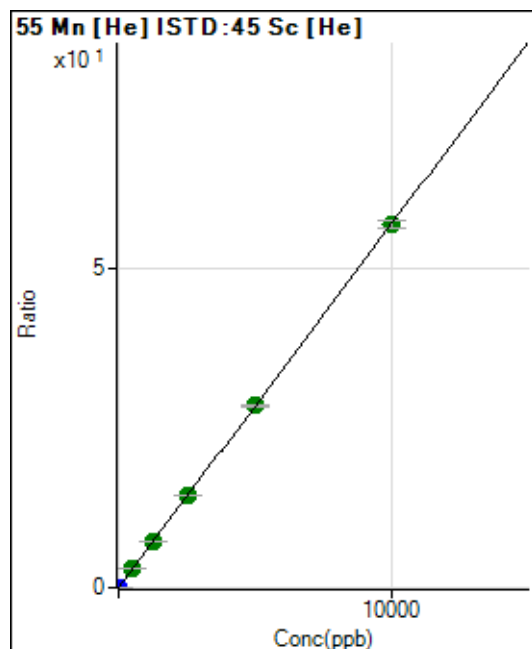
$$R = 1.0000$$

$$DL = 0.446$$

$$BEC = 12.41$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	974.49	0.0007	P	4.1
2	☐	1.000	1.057	9208.45	0.0068	P	1.3
3	☐	500.000	520.611	4041870.11	2.9741	A	2.3
4	☐	1250.000	1265.335	9603349.44	7.2273	A	0.7
5	☐	2500.000	2547.792	18878168.75	14.5518	A	1.0
6	☐	5000.000	5019.461	36761200.01	28.6680	A	1.1
7	☐	10000.000	9975.374	73196426.13	56.9724	A	2.1
8	☐			33452.67	0.0281	P	1.9

$$y = 0.0057 * x + 7.1784E-004$$

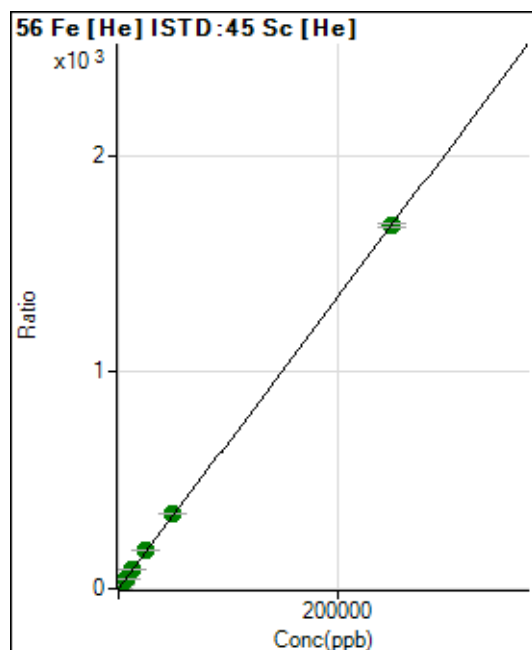
$$R = 1.0000$$

$$DL = 0.01537$$

$$BEC = 0.1257$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68627.90	0.0505	P	2.1
2	☐	50.000	56.315	583935.15	0.4283	P	0.4
3	☐	2500.000	2689.809	24588293.24	18.0919	A	2.1
4	☐	6250.000	6637.743	59224904.67	44.5720	A	0.4
5	☐	12500.000	13165.774	114622460.52	88.3575	A	1.1
6	☐	25000.000	26011.980	223790941.11	174.5211	A	1.1
7	☐	50000.000	51600.873	444739926.71	346.1539	A	1.8
8	☐	250000.00	249533.74	1992492556.9	1,673.752	A	0.9

$$y = 0.0067 * x + 0.0505$$

$$R = 1.0000$$

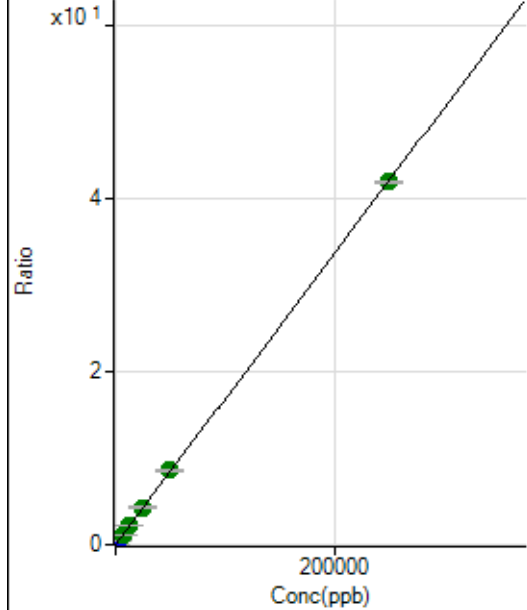
$$DL = 0.4814$$

$$BEC = 7.535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2992.54	0.0022	P	2.5
2	☐	50.000	58.303	16371.22	0.0120	P	1.0
3	☐	2500.000	2773.684	636793.65	0.4685	P	2.0
4	☐	6250.000	6577.369	1472321.11	1.1081	A	0.3
5	☐	12500.000	13057.118	2850703.02	2.1975	A	1.2
6	☐	25000.000	25780.108	5561130.61	4.3366	A	0.3
7	☐	50000.000	51046.888	11029940.25	8.5847	A	1.5
8	☐	250000.00	249673.83	49974502.03	41.9797	A	0.4

$$y = 1.6813E-004 * x + 0.0022$$

R = 1.0000

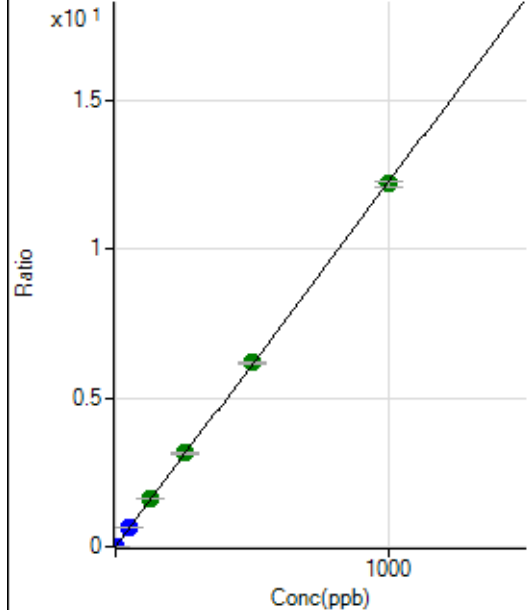
DL = 0.9831

BEC = 13.11

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	321.12	0.0002	P	8.9
2	☐	1.000	1.131	19195.69	0.0141	P	0.4
3	☐	50.000	52.787	878128.21	0.6461	P	1.9
4	☐	125.000	131.126	2132128.58	1.6046	A	0.8
5	☐	250.000	256.036	4064275.35	3.1329	A	0.7
6	☐	500.000	504.540	7916460.37	6.1735	A	0.5
7	☐	1000.000	995.316	15647181.99	12.1783	A	1.5
8	☐			36878.62	0.0310	P	0.2

$$y = 0.0122 * x + 2.3670E-004$$

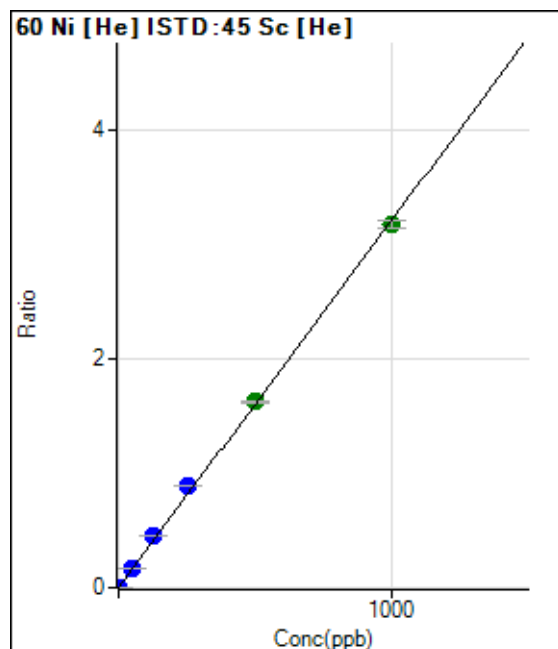
R = 1.0000

DL = 0.00516

BEC = 0.01935

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1287.85	0.0009	P	7.5
2	☐	1.000	1.078	6007.94	0.0044	P	2.4
3	☐	50.000	52.512	230240.63	0.1694	P	2.8
4	☐	125.000	141.048	602551.20	0.4535	P	0.6
5	☐	250.000	275.466	1147751.81	0.8847	P	0.2
6	☐	500.000	506.359	2084398.72	1.6255	A	0.9
7	☐	1000.000	988.323	4075013.93	3.1718	A	2.0
8	☐			15387.99	0.0129	P	0.4

$$y = 0.0032 * x + 9.4879E-004$$

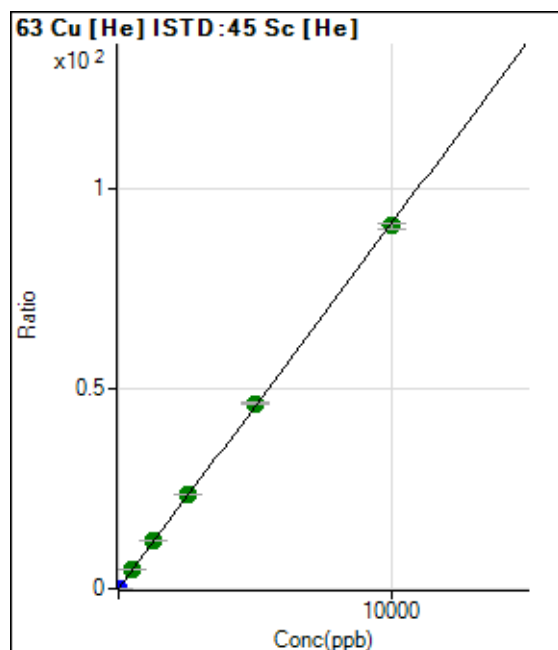
$$R = 0.9995$$

$$DL = 0.06654$$

$$BEC = 0.2957$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2251.30	0.0017	P	0.8
2	☐	2.000	2.037	27605.59	0.0202	P	1.1
3	☐	500.000	531.768	6598764.90	4.8553	A	2.1
4	☐	1250.000	1302.758	15802249.35	11.8925	A	1.1
5	☐	2500.000	2578.298	30530902.60	23.5348	A	1.3
6	☐	5000.000	5075.933	59410469.67	46.3318	A	1.3
7	☐	10000.000	9934.276	116501679.37	90.6759	A	1.8
8	☐			25384.92	0.0213	P	1.2

$$y = 0.0091 * x + 0.0017$$

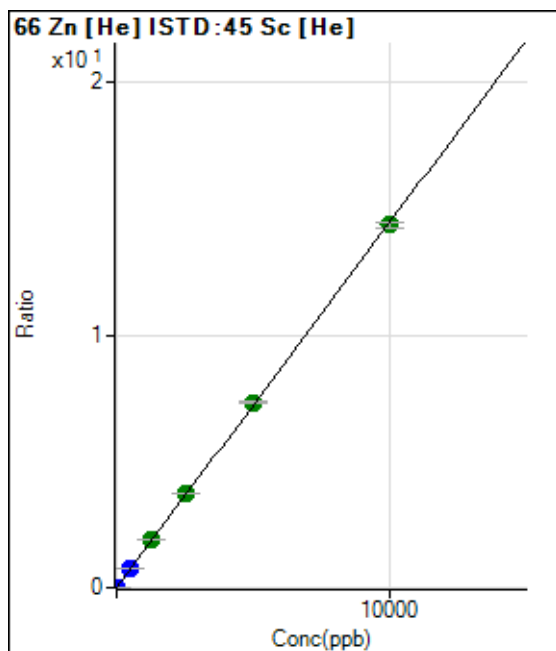
$$R = 0.9999$$

$$DL = 0.004246$$

$$BEC = 0.1816$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2778.07	0.0020	P	2.0
2	☐	2.000	5.425	13469.54	0.0099	P	1.4
3	☐	500.000	534.970	1052503.03	0.7745	P	2.5
4	☐	1250.000	1304.861	2506164.01	1.8861	A	1.7
5	☐	2500.000	2582.829	4840540.31	3.7313	A	1.1
6	☐	5000.000	5066.510	9383049.93	7.3174	A	1.3
7	☐	10000.000	9937.431	18437337.22	14.3503	A	1.8
8	☐			14025.57	0.0118	P	0.8

$$y = 0.0014 * x + 0.0020$$

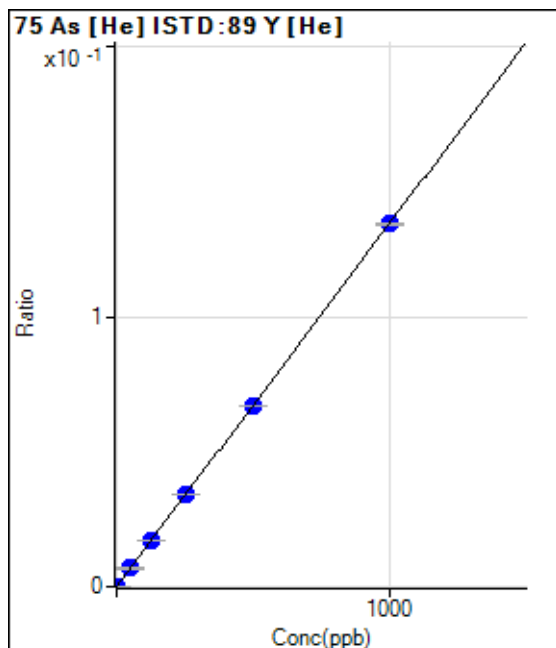
R = 0.9999

DL = 0.0829

BEC = 1.417

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0000	P	73.
2	☐	1.000	1.116	1555.65	0.0002	P	0.2
3	☐	50.000	50.502	70029.70	0.0068	P	1.8
4	☐	125.000	126.464	167765.31	0.0170	P	1.0
5	☐	250.000	253.656	326155.04	0.0341	P	0.5
6	☐	500.000	499.404	637792.03	0.0672	P	0.3
7	☐	1000.000	999.176	1273321.55	0.1344	P	0.2
8	☐			652.24	0.0001	P	5.4

$$y = 1.3451E-004 * x + 1.4291E-006$$

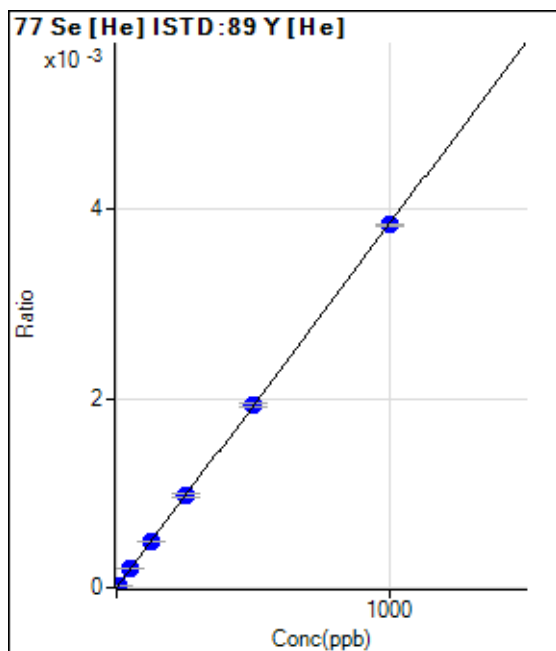
R = 1.0000

DL = 0.02352

BEC = 0.01062

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.647	183.33	0.0000	P	19.
3	☐	50.000	51.234	2030.16	0.0002	P	1.7
4	☐	125.000	127.136	4818.61	0.0005	P	1.9
5	☐	250.000	254.092	9334.11	0.0010	P	3.2
6	☐	500.000	503.199	18360.36	0.0019	P	1.8
7	☐	1000.000	997.051	36304.36	0.0038	P	0.4
8	☐			6.66	0.0000	P	86.

$$y = 3.8432\text{E-}006 * x + 0.0000\text{E+}000$$

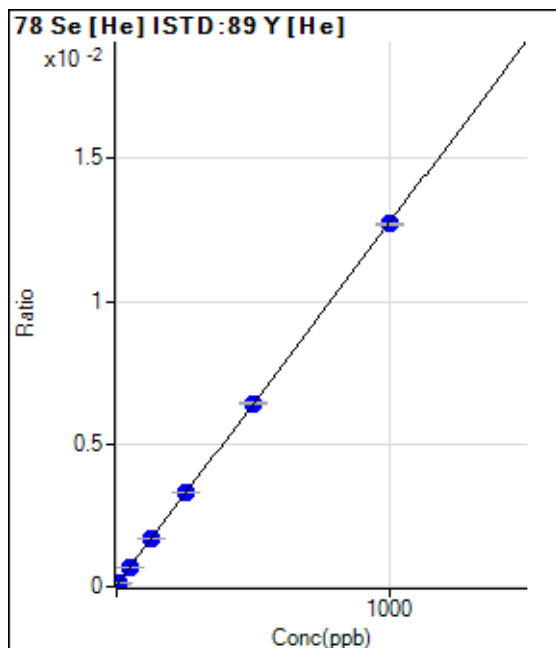
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	542.24	0.0001	P	1.4
2	☐	5.000	5.627	1285.62	0.0001	P	7.1
3	☐	50.000	50.852	7210.71	0.0007	P	1.5
4	☐	125.000	129.763	16781.82	0.0017	P	1.4
5	☐	250.000	256.867	31693.93	0.0033	P	1.1
6	☐	500.000	502.226	61066.29	0.0064	P	0.4
7	☐	1000.000	996.529	120408.59	0.0127	P	0.3
8	☐			523.35	0.0001	P	7.5

$$y = 1.2699\text{E-}005 * x + 5.3777\text{E-}005$$

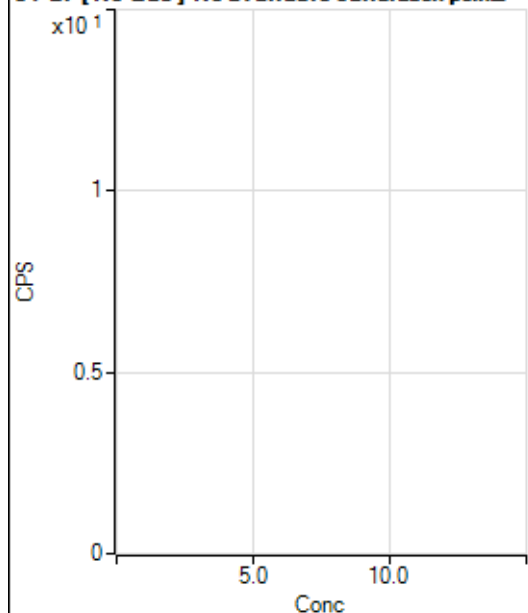
$$R = 1.0000$$

$$DL = 0.1762$$

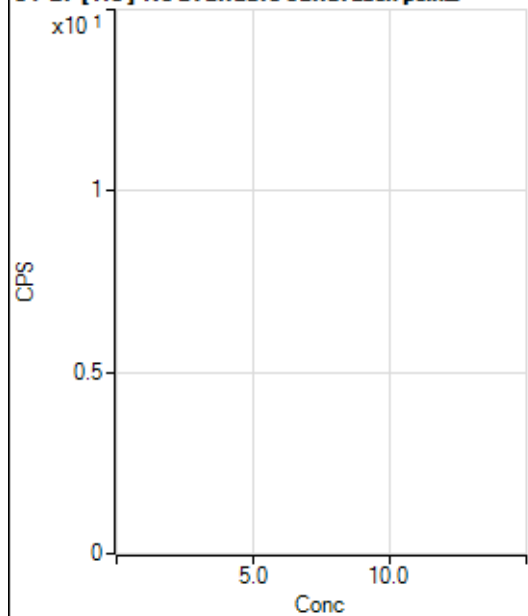
$$BEC = 4.235$$

Weight: <None>

Min Conc: 0

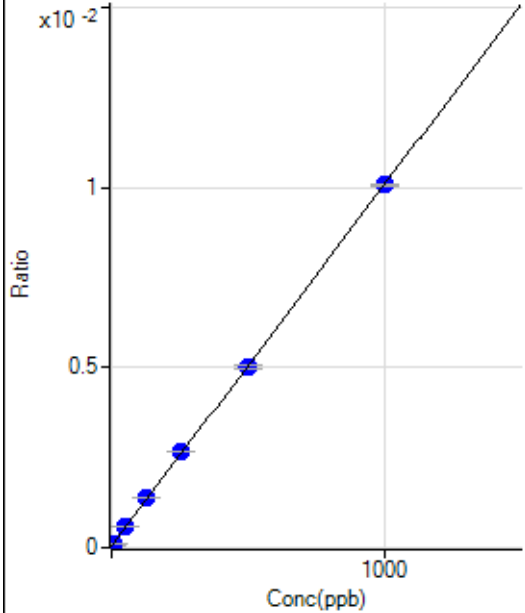
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16082.22		P	0.8
2	☐			16449.23		P	2.0
3	☐			16721.79		P	2.2
4	☐			15958.72		P	1.7
5	☐			14919.85		P	2.2
6	☐			14601.75		P	1.8
7	☐			14625.13		P	0.5
8	☐			16060.00		P	3.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			154.45		P	17.
2	☐			153.33		P	16.
3	☐			126.67		P	7.0
4	☐			130.00		P	17.
5	☐			130.00		P	6.8
6	☐			114.45		P	6.7
7	☐			142.23		P	15.
8	☐			277.78		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	1779.39	0.0000	P	4.2
2	☐	5.000	5.556	4142.27	0.0001	P	1.0
3	☐	50.000	53.779	23925.49	0.0006	P	1.4
4	☐	125.000	132.489	55012.00	0.0014	P	0.4
5	☐	250.000	259.705	103238.75	0.0027	P	0.2
6	☐	500.000	494.466	196906.10	0.0050	P	2.7
7	☐	1000.000	999.213	389055.64	0.0101	P	0.3
8	☐			1835.20	0.0001	P	3.8

$y = 1.0035E-005 * x + 4.3884E-005$

$R = 0.9999$

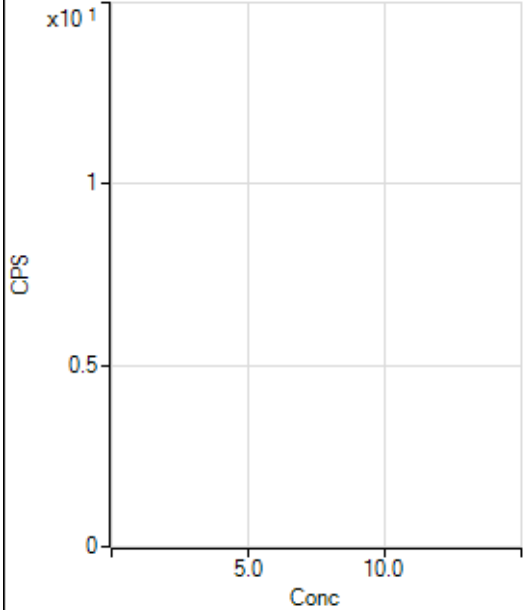
$DL = 0.555$

$BEC = 4.373$

Weight: <None>

Min Conc: 0

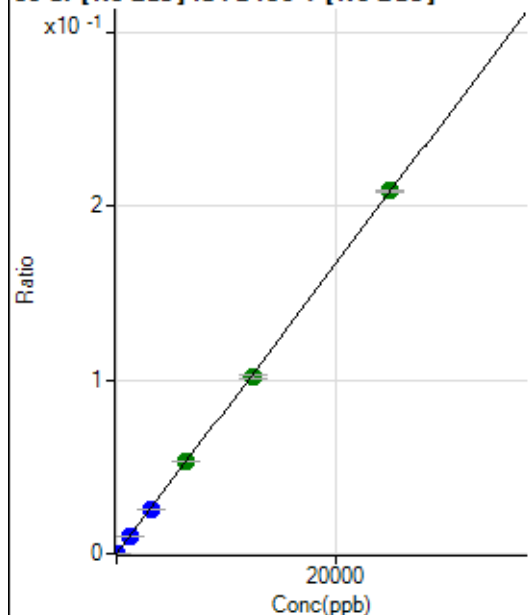
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			372.23		P	2.7
2	☐			388.90		P	7.3
3	☐			343.34		P	10.
4	☐			353.34		P	7.5
5	☐			356.67		P	7.4
6	☐			335.56		P	19.
7	☐			412.23		P	13.
8	☐			407.79		P	2.6

Calibration for 007CALS.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	672.25	0.0000	P	5.4
2	☐	1.000	25.668	9569.86	0.0002	P	2.6
3	☐	1250.000	1252.449	428062.91	0.0104	P	1.2
4	☐	3125.000	3106.256	1036211.36	0.0259	P	0.5
5	☐	6250.000	6344.018	2057662.80	0.0528	A	0.6
6	☐	12500.000	12232.152	4005847.58	0.1018	A	1.9
7	☐	25000.000	25112.639	8075154.95	0.2090	A	0.7
8	☐			21258.75	0.0006	P	7.5

$$y = 8.3230E-006 * x + 1.6580E-005$$

R = 0.9999

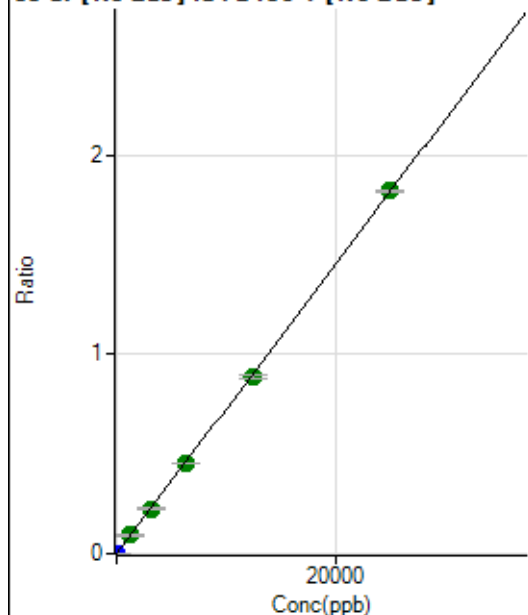
DL = 0.3215

BEC = 1.992

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	562.24	0.0000	P	8.2
2	☐	1.000	25.437	77201.21	0.0019	P	0.6
3	☐	1250.000	1265.634	3760373.41	0.0917	A	1.1
4	☐	3125.000	3128.925	9081330.56	0.2267	A	0.7
5	☐	6250.000	6288.614	17751947.79	0.4557	A	0.4
6	☐	12500.000	12228.881	34855073.37	0.8861	A	2.6
7	☐	25000.000	25124.633	70328675.62	1.8205	A	0.5
8	☐			180488.75	0.0052	P	7.0

$$y = 7.2457E-005 * x + 1.3867E-005$$

R = 0.9999

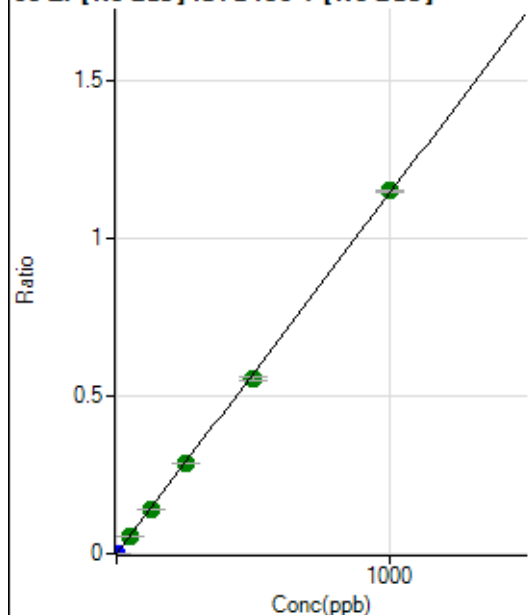
DL = 0.04682

BEC = 0.1914

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	3832.76	0.0001	P	0.6
2	☐	1.000	0.986	50759.51	0.0012	P	1.0
3	☐	50.000	49.627	2328505.59	0.0568	A	1.1
4	☐	125.000	124.074	5682121.65	0.1419	A	0.7
5	☐	250.000	249.778	11121399.56	0.2855	A	0.1
6	☐	500.000	486.596	21871650.51	0.5560	A	2.9
7	☐	1000.000	1006.892	44445302.67	1.1505	A	0.4
8	☐			31809.99	0.0009	P	5.5

$$y = 0.0011 * x + 9.4527E-005$$

R = 0.9999

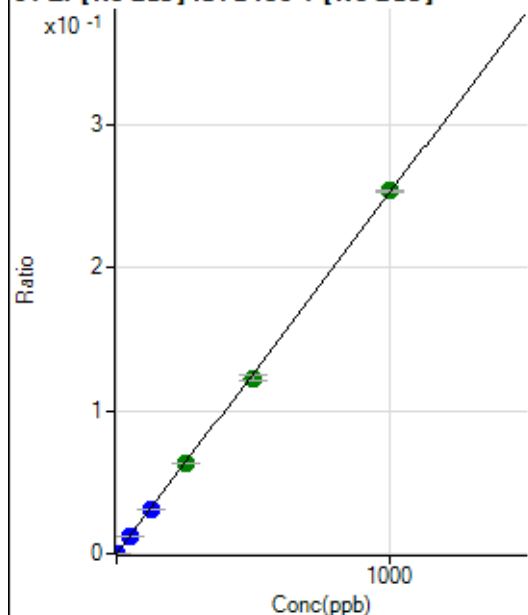
DL = 0.001472

BEC = 0.08274

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	875.59	0.0000	P	9.0
2	☐	1.000	0.993	11296.65	0.0003	P	2.9
3	☐	50.000	49.685	514131.48	0.0125	P	1.1
4	☐	125.000	124.859	1260978.26	0.0315	P	0.3
5	☐	250.000	249.900	2453838.12	0.0630	A	1.0
6	☐	500.000	487.433	4831526.42	0.1228	A	3.0
7	☐	1000.000	1006.342	9796067.21	0.2536	A	0.8
8	☐			7031.74	0.0002	P	6.2

$$y = 2.5196E-004 * x + 2.1594E-005$$

R = 0.9999

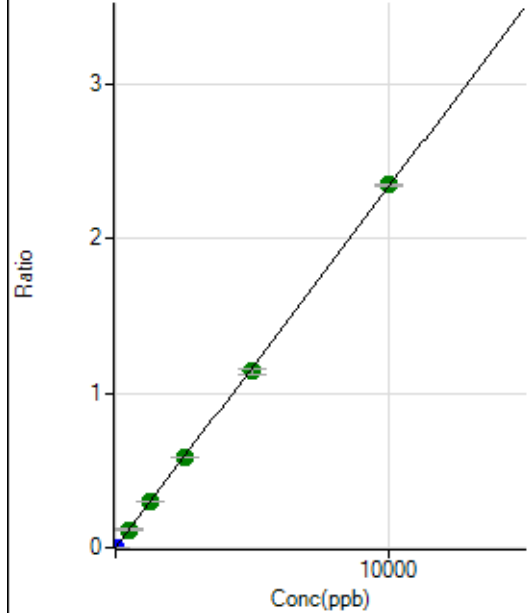
DL = 0.0232

BEC = 0.08571

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	1488.98	0.0000	P	7.9
2	☐	5.000	5.779	57692.98	0.0014	P	0.8
3	☐	500.000	503.330	4825510.35	0.1177	A	1.2
4	☐	1250.000	1257.541	11776546.91	0.2940	A	0.8
5	☐	2500.000	2514.936	22904938.83	0.5879	A	0.4
6	☐	5000.000	4883.543	44904315.44	1.1416	A	3.0
7	☐	10000.000	10053.385	90790453.09	2.3502	A	0.2
8	☐			19566.49	0.0006	P	6.3

$$y = 2.3376E-004 * x + 3.6722E-005$$

$$R = 0.9999$$

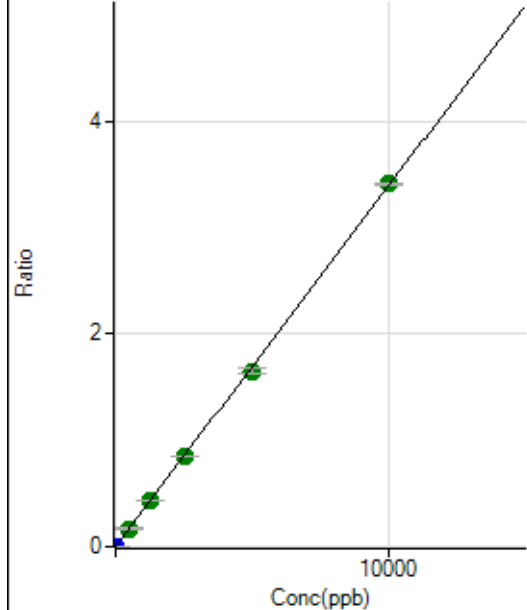
$$DL = 0.03747$$

$$BEC = 0.1571$$

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	93.34	0.0000	P	22.
2	☐	5.000	4.911	69397.74	0.0017	P	0.7
3	☐	500.000	504.932	7026513.02	0.1714	A	1.6
4	☐	1250.000	1263.596	17178468.08	0.4289	A	0.6
5	☐	2500.000	2523.735	33370591.72	0.8566	A	0.6
6	☐	5000.000	4871.804	65037037.92	1.6535	A	3.2
7	☐	10000.000	10056.218	131856288.03	3.4131	A	0.8
8	☐			13006.98	0.0004	P	7.6

$$y = 3.3941E-004 * x + 2.3016E-006$$

$$R = 0.9999$$

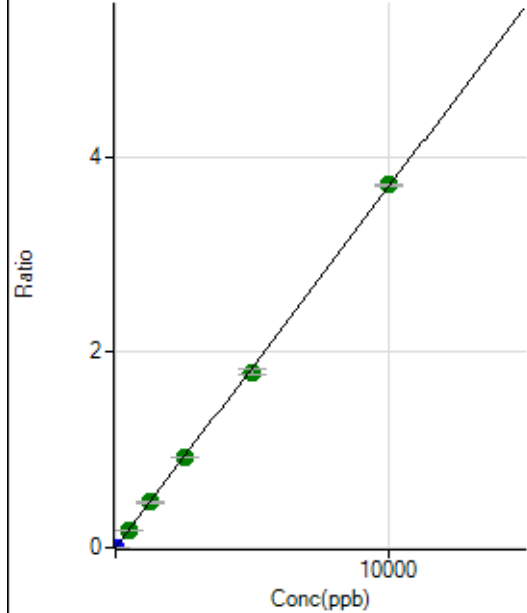
$$DL = 0.004513$$

$$BEC = 0.006781$$

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	3.8
2	☐	5.000	4.995	77035.55	0.0019	P	0.4
3	☐	500.000	501.264	7584740.03	0.1850	A	0.7
4	☐	1250.000	1259.412	18616054.72	0.4648	A	1.4
5	☐	2500.000	2517.836	36200335.30	0.9292	A	0.7
6	☐	5000.000	4874.755	70762022.28	1.7990	A	3.1
7	☐	10000.000	10056.924	143380936.75	3.7115	A	0.2
8	☐			32796.83	0.0009	P	7.6

$$y = 3.6905E-004 * x + 9.4545E-006$$

R = 0.9999

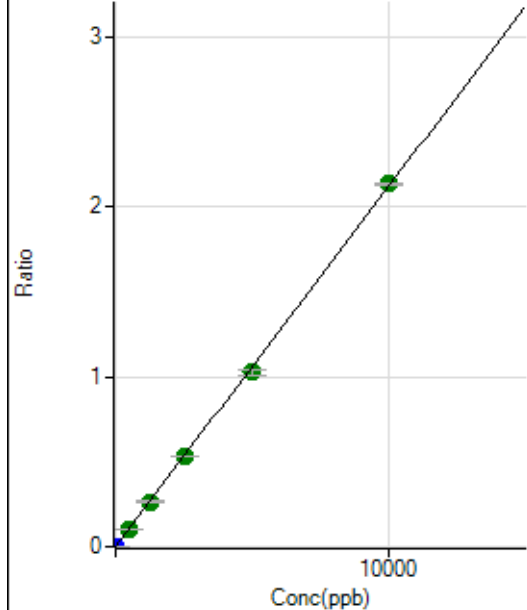
DL = 0.002948

BEC = 0.02562

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	78.89	0.0000	P	24.
2	☐	5.000	4.875	42990.83	0.0010	P	1.4
3	☐	500.000	501.709	4355312.51	0.1062	A	0.8
4	☐	1250.000	1253.621	10631529.29	0.2654	A	1.0
5	☐	2500.000	2501.184	20631574.14	0.5296	A	0.5
6	☐	5000.000	4853.281	40418613.56	1.0276	A	3.1
7	☐	10000.000	10072.525	82389208.22	2.1327	A	0.6
8	☐			8100.09	0.0002	P	8.8

$$y = 2.1173E-004 * x + 1.9458E-006$$

R = 0.9998

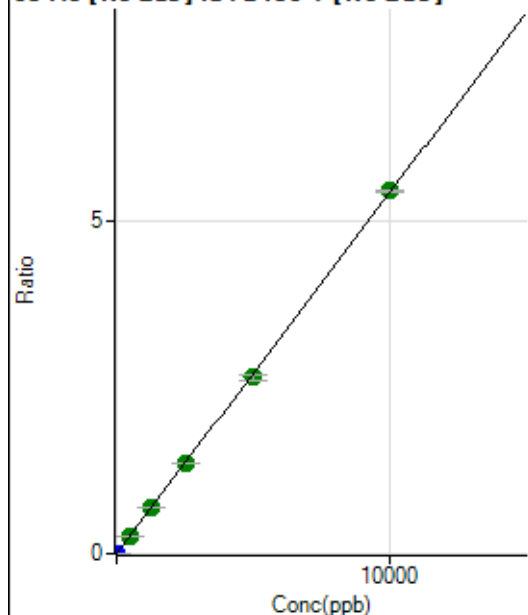
DL = 0.006639

BEC = 0.00919

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	140.00	0.0000	P	19.
2	☐	5.000	4.918	111296.56	0.0027	P	0.8
3	☐	500.000	497.638	11091394.14	0.2705	A	1.1
4	☐	1250.000	1259.568	27425431.53	0.6847	A	1.0
5	☐	2500.000	2502.205	52991674.77	1.3602	A	0.7
6	☐	5000.000	4880.332	104350574.00	2.6530	A	3.2
7	☐	10000.000	10058.205	211227070.19	5.4678	A	0.5
8	☐			20000.45	0.0006	P	9.7

$$y = 5.4362\text{E-}004 * x + 3.4533\text{E-}006$$

$$R = 0.9999$$

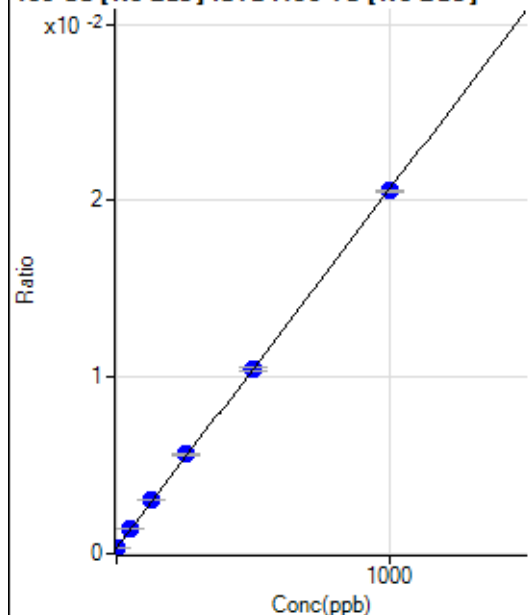
$$DL = 0.003618$$

$$BEC = 0.006352$$

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	10324.88	0.0003	P	1.7
2	☐	1.000	1.012	11257.78	0.0003	P	3.5
3	☐	50.000	54.877	47792.85	0.0014	P	0.7
4	☐	125.000	133.922	101557.28	0.0030	P	1.9
5	☐	250.000	260.831	185299.21	0.0056	P	0.9
6	☐	500.000	500.241	347011.61	0.0105	P	2.3
7	☐	1000.000	995.813	681438.98	0.0205	P	0.4
8	☐			9085.14	0.0003	P	2.1

$$y = 2.0318\text{E-}005 * x + 3.1657\text{E-}004$$

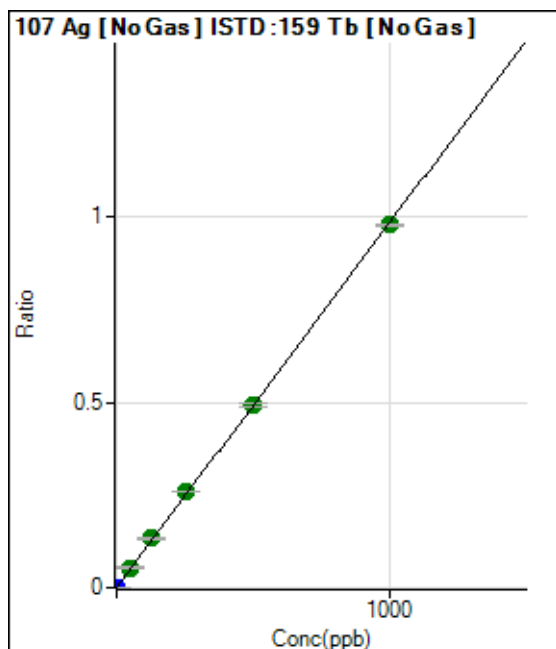
$$R = 0.9999$$

$$DL = 0.7835$$

$$BEC = 15.58$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.57	0.0000	P	5.6
2	☐	1.000	1.083	36033.53	0.0011	P	0.0
3	☐	50.000	55.274	1817320.08	0.0544	A	0.8
4	☐	125.000	135.076	4447088.65	0.1330	A	1.5
5	☐	250.000	263.001	8544292.65	0.2590	A	0.6
6	☐	500.000	501.041	16336532.26	0.4934	A	1.2
7	☐	1000.000	994.706	32477883.13	0.9794	A	0.6
8	☐			2490.24	0.0001	P	10.

$$y = 9.8463E-004 * x + 1.2433E-005$$

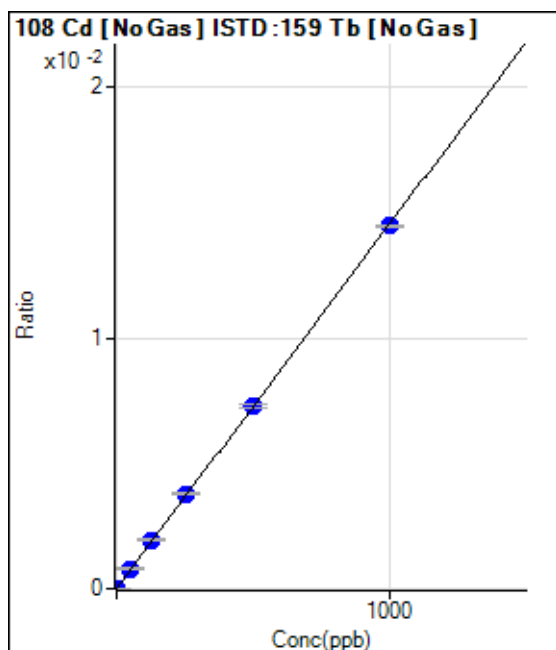
$$R = 0.9999$$

$$DL = 0.002117$$

$$BEC = 0.01263$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	30.
2	☐	1.000	1.043	547.79	0.0000	P	6.4
3	☐	50.000	55.023	26774.80	0.0008	P	2.0
4	☐	125.000	133.613	65046.09	0.0019	P	1.9
5	☐	250.000	261.039	125372.57	0.0038	P	0.9
6	☐	500.000	501.311	241590.76	0.0073	P	2.2
7	☐	1000.000	995.257	480311.56	0.0145	P	0.7
8	☐			210.00	0.0000	P	15.

$$y = 1.4552E-005 * x + 1.2265E-006$$

$$R = 0.9999$$

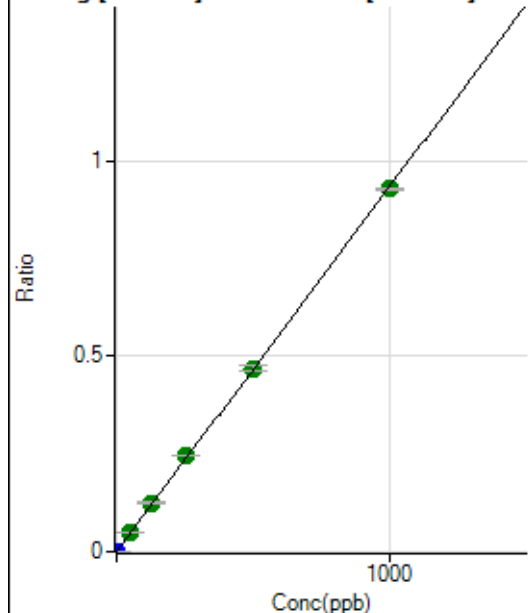
$$DL = 0.0758$$

$$BEC = 0.08428$$

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	262.23	0.0000	P	6.3
2	☐	1.000	1.080	33953.03	0.0010	P	0.5
3	☐	50.000	54.686	1704426.99	0.0511	A	1.2
4	☐	125.000	133.607	4170165.95	0.1247	A	1.2
5	☐	250.000	261.887	8065977.87	0.2445	A	0.5
6	☐	500.000	502.952	15544661.16	0.4695	A	2.4
7	☐	1000.000	994.242	30775957.60	0.9281	A	0.5
8	☐			2274.65	0.0001	P	14.

$$y = 9.3346E-004 * x + 8.0420E-006$$

$$R = 0.9999$$

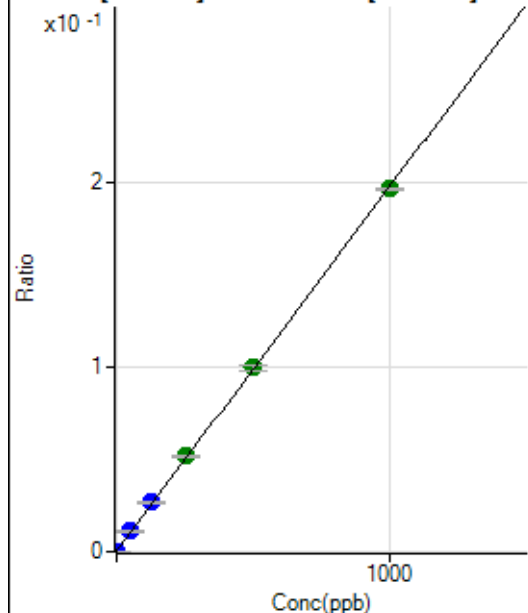
$$DL = 0.001621$$

$$BEC = 0.008615$$

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	7277.19	0.0002	P	1.8
2	☐	1.000	1.113	14801.11	0.0004	P	2.3
3	☐	50.000	54.501	367151.29	0.0110	P	1.3
4	☐	125.000	133.475	889735.54	0.0266	P	0.4
5	☐	250.000	260.559	1706848.73	0.0517	A	0.6
6	☐	500.000	503.802	3304816.97	0.0998	A	2.8
7	☐	1000.000	994.175	6524628.89	0.1968	A	0.8
8	☐			6890.40	0.0002	P	2.7

$$y = 1.9769E-004 * x + 2.2312E-004$$

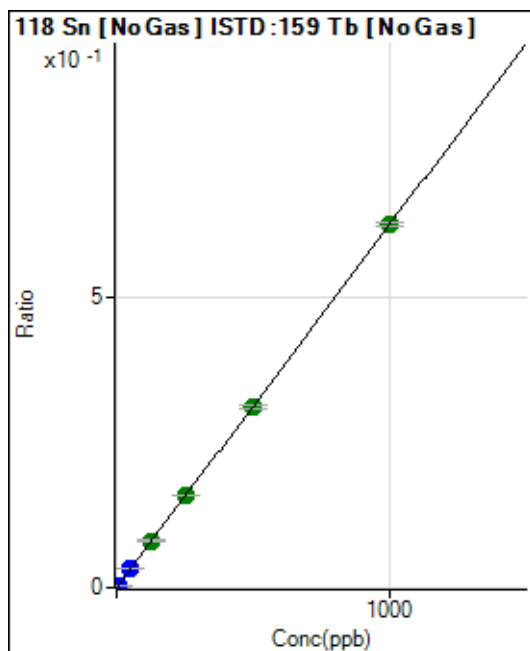
$$R = 0.9999$$

$$DL = 0.06106$$

$$BEC = 1.129$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4198.45	0.0001	P	2.6
2	☐	5.000	5.269	114268.61	0.0034	P	0.8
3	☐	50.000	52.598	1101717.00	0.0330	P	1.5
4	☐	125.000	129.192	2703679.06	0.0809	A	1.3
5	☐	250.000	255.841	5279422.56	0.1600	A	0.7
6	☐	500.000	496.475	10277367.07	0.3104	A	2.1
7	☐	1000.000	999.647	20720388.72	0.6249	A	1.1
8	☐			14785.55	0.0005	P	11.

$$y = 6.2494\text{E-}004 * x + 1.2874\text{E-}004$$

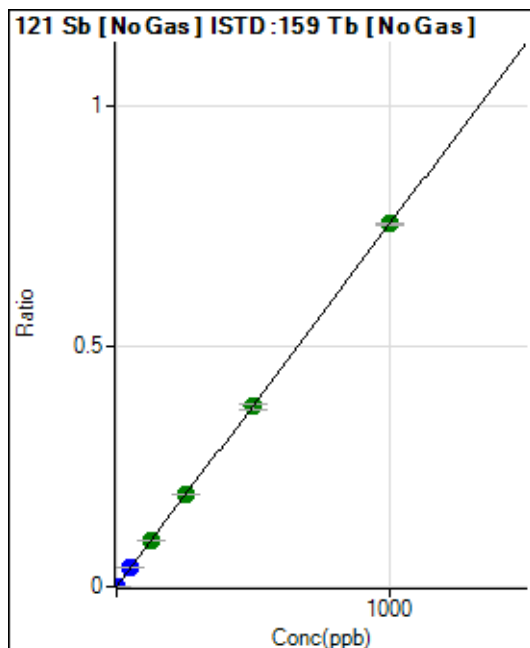
R = 1.0000

DL = 0.01625

BEC = 0.206

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0000	P	18.
2	☐	2.000	2.123	53533.51	0.0016	P	1.7
3	☐	50.000	51.889	1306249.67	0.0391	P	1.7
4	☐	125.000	128.840	3248052.38	0.0971	A	1.1
5	☐	250.000	253.633	6309627.61	0.1912	A	0.7
6	☐	500.000	495.907	12379119.96	0.3739	A	2.9
7	☐	1000.000	1000.564	25016183.80	0.7544	A	0.3
8	☐			14134.93	0.0005	P	6.7

$$y = 7.5398\text{E-}004 * x + 2.5217\text{E-}006$$

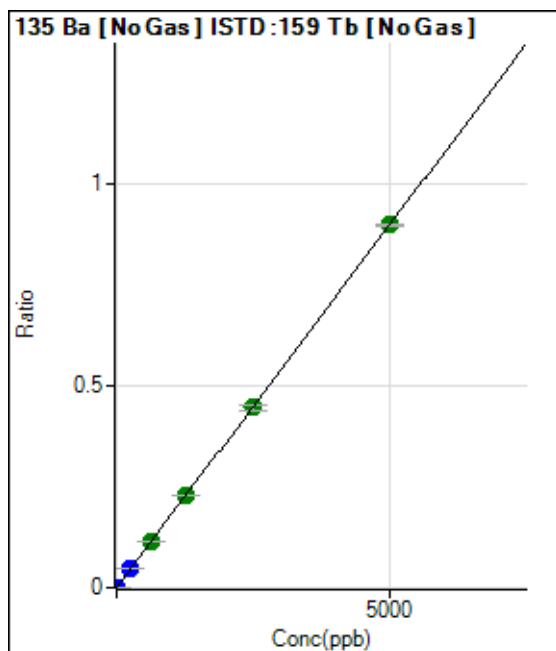
R = 1.0000

DL = 0.001846

BEC = 0.003344

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	245.56	0.0000	P	11.
2	☐	10.000	10.181	61318.05	0.0018	P	1.5
3	☐	250.000	256.647	1539139.04	0.0461	P	0.8
4	☐	625.000	643.114	3862260.74	0.1155	A	0.9
5	☐	1250.000	1268.645	7518081.62	0.2279	A	0.4
6	☐	2500.000	2481.238	14755310.89	0.4457	A	2.5
7	☐	5000.000	5002.123	29791641.22	0.8984	A	0.7
8	☐			10301.59	0.0003	P	10.

$$y = 1.7961E-004 * x + 7.5262E-006$$

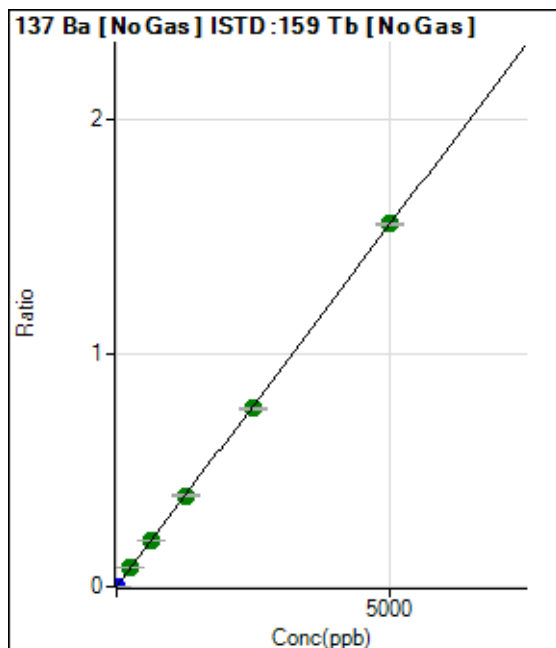
R = 1.0000

DL = 0.01407

BEC = 0.0419

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	403.34	0.0000	P	0.3
2	☐	10.000	10.264	106632.50	0.0032	P	1.0
3	☐	250.000	256.968	2658795.01	0.0796	A	3.0
4	☐	625.000	636.895	6598489.90	0.1974	A	1.3
5	☐	1250.000	1262.031	12902689.67	0.3911	A	0.7
6	☐	2500.000	2460.967	25249699.62	0.7626	A	1.8
7	☐	5000.000	5014.673	51526015.34	1.5538	A	0.6
8	☐			18044.85	0.0006	P	10.

$$y = 3.0986E-004 * x + 1.2367E-005$$

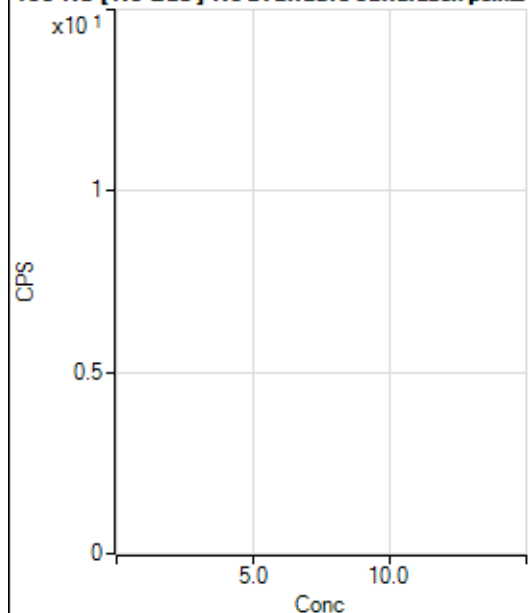
R = 0.9999

DL = 0.0003793

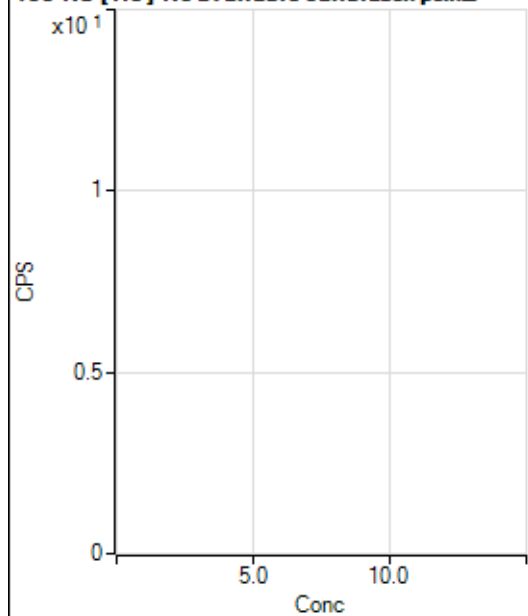
BEC = 0.03991

Weight: <None>

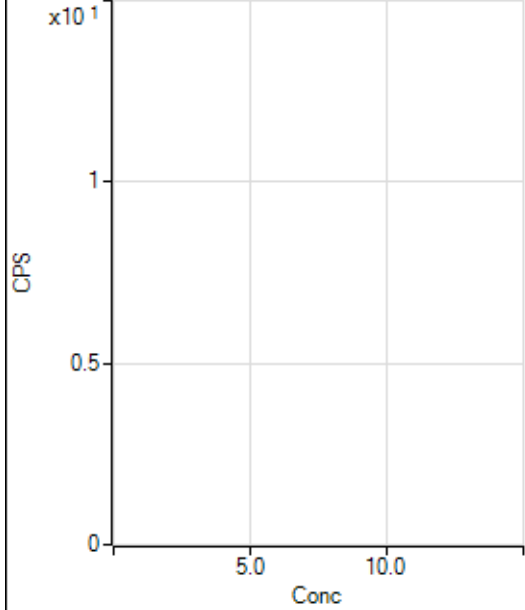
Min Conc: 0

150 Nd [No Gas] No available calibration points

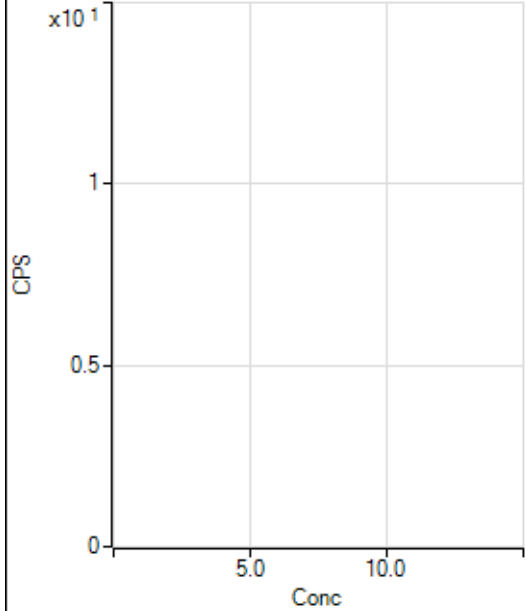
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	22.
2	☐			27.78		P	25.
3	☐			97.78		P	18.
4	☐			195.56		P	7.7
5	☐			393.34		P	10.
6	☐			565.57		P	11.
7	☐			1224.51		P	7.8
8	☐			463.35		P	5.7

150 Nd [He] No available calibration points

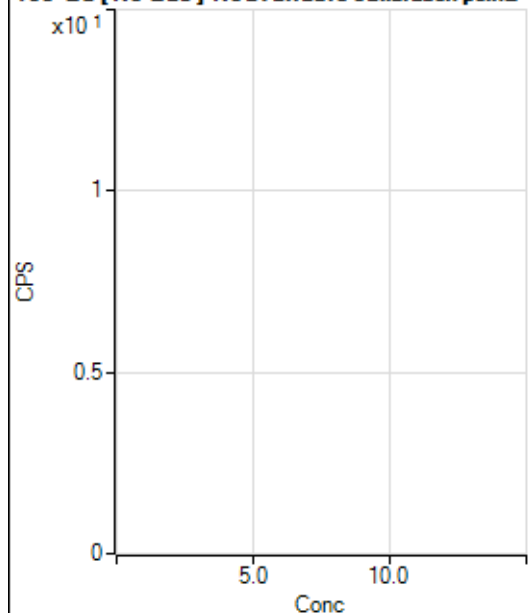
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.
2	☐			12.22		P	56.
3	☐			26.67		P	0.0
4	☐			62.22		P	6.2
5	☐			72.22		P	16.
6	☐			123.34		P	18.
7	☐			280.01		P	13.
8	☐			301.12		P	7.5

156 Dy [No Gas] No available calibration points

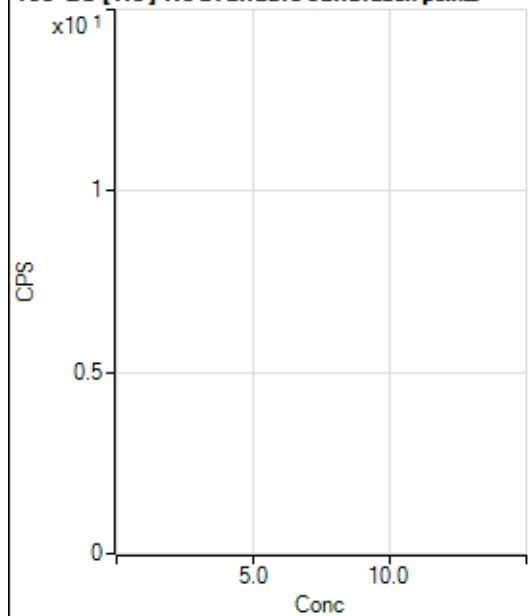
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	10.
2	☐			58.89		P	21.
3	☐			82.22		P	6.2
4	☐			86.67		P	0.0
5	☐			141.11		P	12.
6	☐			262.23		P	12.
7	☐			451.12		P	11.
8	☐			745.58		P	10.

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	43.
2	☐			24.44		P	31.
3	☐			86.67		P	11.
4	☐			177.78		P	7.8
5	☐			328.90		P	3.1
6	☐			667.80		P	5.8
7	☐			1266.74		P	3.4
8	☐			665.58		P	7.8

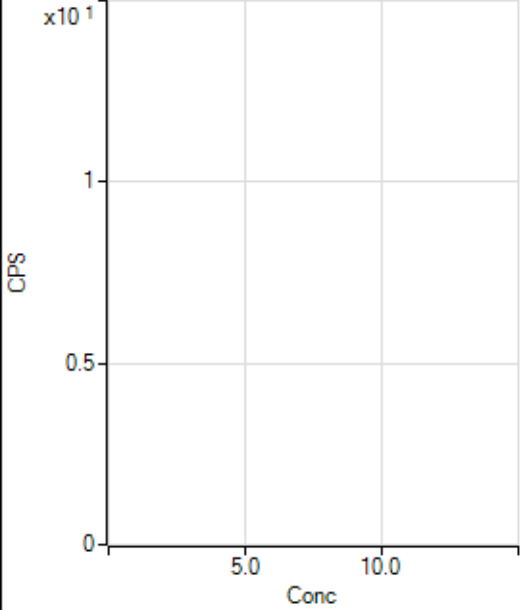
160 Gd [No Gas] No available calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	6.4
2	☐			174.45		P	14.
3	☐			173.34		P	5.1
4	☐			195.56		P	5.2
5	☐			211.11		P	11.
6	☐			272.23		P	13.
7	☐			341.12		P	4.4
8	☐			791.14		P	8.8

160 Gd [He] No available calibration points

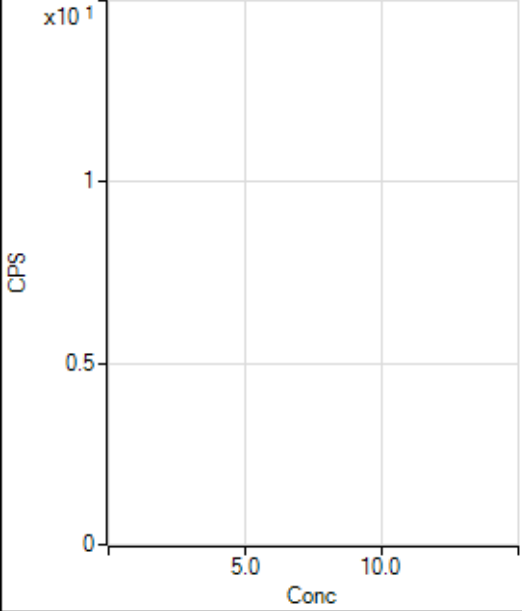
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1195.62		P	6.8
2	☐			1258.96		P	7.6
3	☐			1131.17		P	13.
4	☐			1140.05		P	3.3
5	☐			1140.06		P	1.5
6	☐			1112.28		P	4.0
7	☐			1267.85		P	3.4
8	☐			1472.32		P	7.7

164 Er [No Gas] No available calibration points



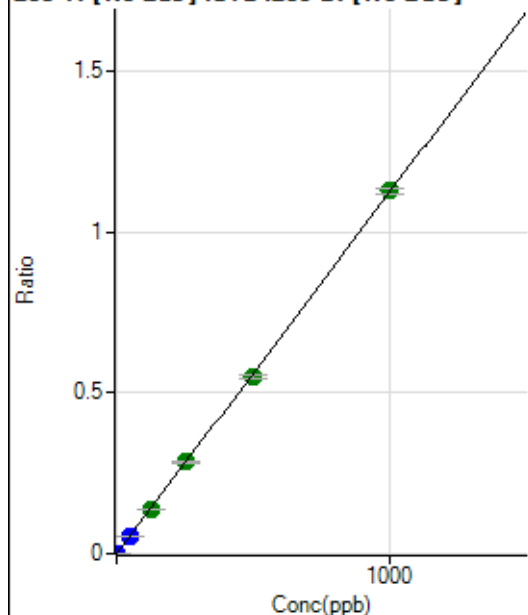
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			123.34		P	2.7
2	☐			156.67		P	17.
3	☐			166.67		P	12.
4	☐			165.56		P	37.
5	☐			187.78		P	5.4
6	☐			261.12		P	8.3
7	☐			412.23		P	6.1
8	☐			877.81		P	6.7

164 Er [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			93.34		P	25.
2	☐			103.33		P	22.
3	☐			104.45		P	10.
4	☐			126.67		P	2.6
5	☐			132.23		P	28.
6	☐			167.78		P	3.0
7	☐			262.23		P	9.5
8	☐			608.91		P	8.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.45	0.0000	P	0.7
2	☐	1.000	0.995	20582.28	0.0011	P	0.9
3	☐	50.000	49.446	1027086.66	0.0556	P	1.7
4	☐	125.000	124.038	2585969.39	0.1395	A	0.9
5	☐	250.000	253.010	5137866.97	0.2844	A	0.5
6	☐	500.000	489.074	10026350.68	0.5498	A	2.5
7	☐	1000.000	1004.858	20136083.59	1.1297	A	1.6
8	☐			1621.23	0.0001	P	23.

$$y = 0.0011 * x + 1.4513E-005$$

R = 0.9999

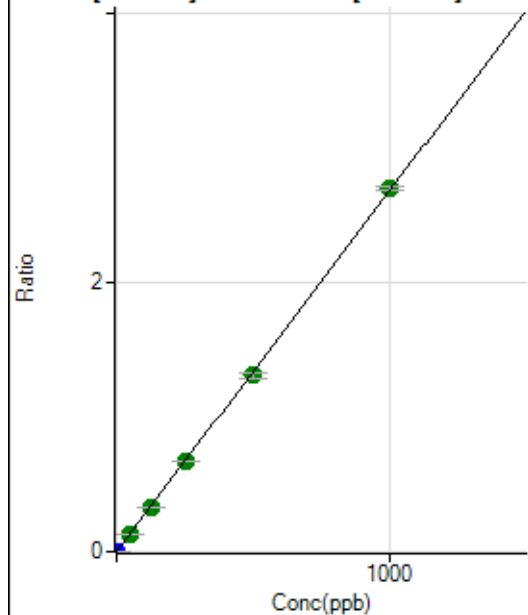
DL = 0.000274

BEC = 0.01291

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.57	0.0000	P	8.2
2	☐	1.000	0.972	47925.22	0.0026	P	0.7
3	☐	50.000	49.628	2462255.85	0.1333	A	2.3
4	☐	125.000	123.983	6174104.35	0.3330	A	0.5
5	☐	250.000	251.904	12218420.51	0.6764	A	0.7
6	☐	500.000	488.403	23912937.14	1.3115	A	3.2
7	☐	1000.000	1005.468	48128919.84	2.6999	A	1.2
8	☐			3792.81	0.0003	P	28.

$$y = 0.0027 * x + 2.8837E-005$$

R = 0.9999

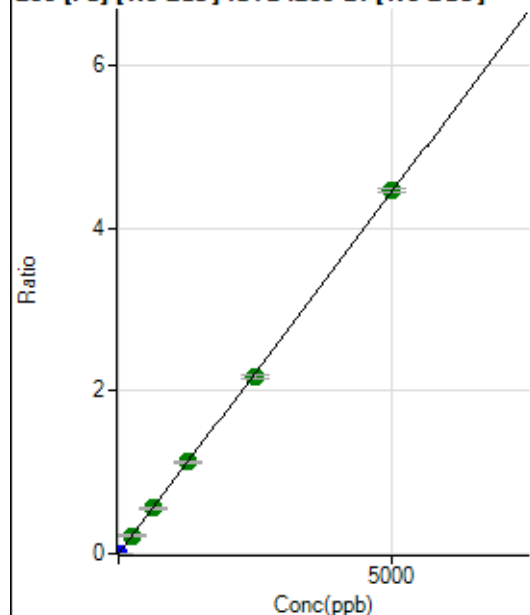
DL = 0.002626

BEC = 0.01074

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	1380.09	0.0001	P	5.2
2	☐	1.000	0.995	17475.76	0.0010	P	1.3
3	☐	250.000	251.011	4118502.99	0.2230	A	1.8
4	☐	625.000	625.432	10298910.40	0.5554	A	0.8
5	☐	1250.000	1266.170	20308438.72	1.1243	A	0.5
6	☐	2500.000	2455.029	39749671.08	2.1799	A	2.5
7	☐	5000.000	5018.339	79427438.81	4.4558	A	1.2
8	☐			11127.98	0.0007	P	10.

$$y = 8.8790E-004 * x + 7.8716E-005$$

R = 0.9999

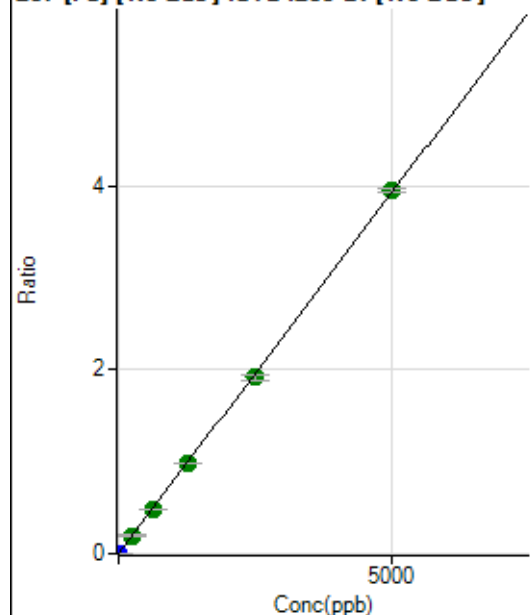
DL = 0.01378

BEC = 0.08865

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	1184.51	0.0001	P	9.4
2	☐	1.000	0.977	15166.36	0.0008	P	0.9
3	☐	250.000	250.434	3635142.51	0.1968	A	2.8
4	☐	625.000	619.045	9018025.70	0.4863	A	0.5
5	☐	1250.000	1258.096	17850461.68	0.9883	A	1.0
6	☐	2500.000	2440.141	34952302.26	1.9168	A	2.4
7	☐	5000.000	5028.629	70410904.50	3.9500	A	1.2
8	☐			9637.93	0.0006	P	10.

$$y = 7.8548E-004 * x + 6.7564E-005$$

R = 0.9999

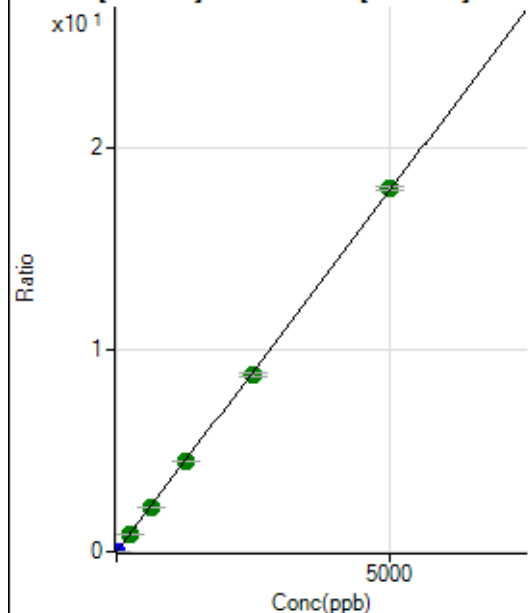
DL = 0.02435

BEC = 0.08602

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	5449.38	0.0003	P	3.4
2	☐	1.000	0.988	69704.81	0.0038	P	0.5
3	☐	250.000	249.367	16456608.64	0.8909	A	2.2
4	☐	625.000	620.804	41117434.24	2.2173	A	0.3
5	☐	1250.000	1259.409	81244945.59	4.4979	A	0.6
6	☐	2500.000	2445.221	159238442.63	8.7327	A	2.5
7	☐	5000.000	5025.593	319926870.78	17.9477	A	1.2
8	☐			44398.76	0.0029	P	10.

$$y = 0.0036 * x + 3.1083E-004$$

R = 0.9999

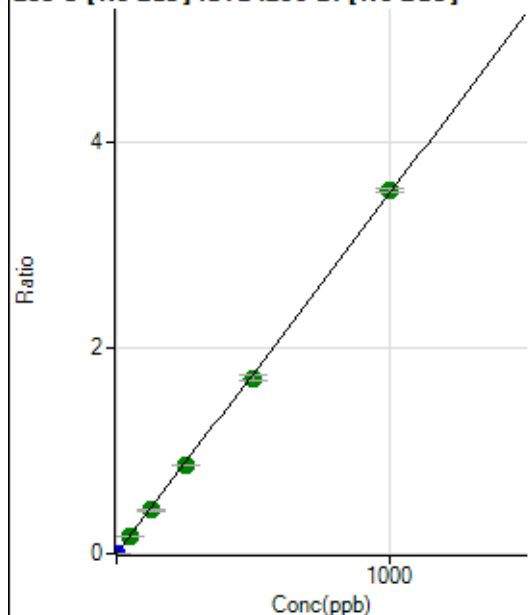
DL = 0.008773

BEC = 0.08704

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	26.67	0.0000	P	12.
2	☐	1.000	0.927	58803.42	0.0032	P	0.9
3	☐	50.000	47.641	3073275.79	0.1664	A	1.7
4	☐	125.000	120.385	7795671.27	0.4204	A	1.1
5	☐	250.000	246.925	15576704.07	0.8623	A	0.7
6	☐	500.000	487.489	31039065.65	1.7024	A	3.3
7	☐	1000.000	1007.719	62730592.95	3.5191	A	1.0
8	☐			1391.20	0.0001	P	31.

$$y = 0.0035 * x + 1.5210E-006$$

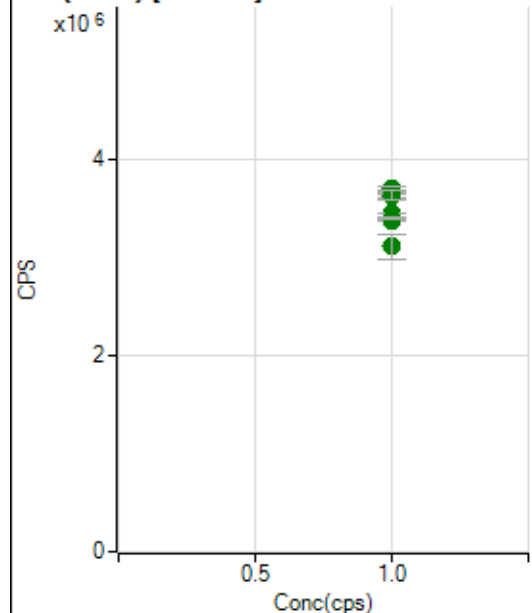
R = 0.9999

DL = 0.0001634

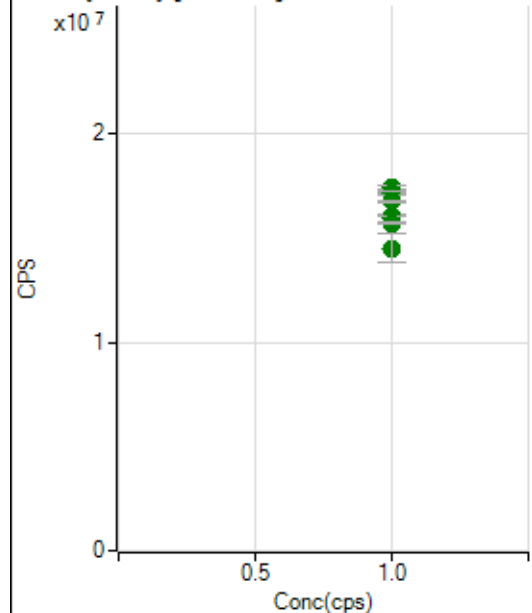
BEC = 0.0004356

Weight: <None>

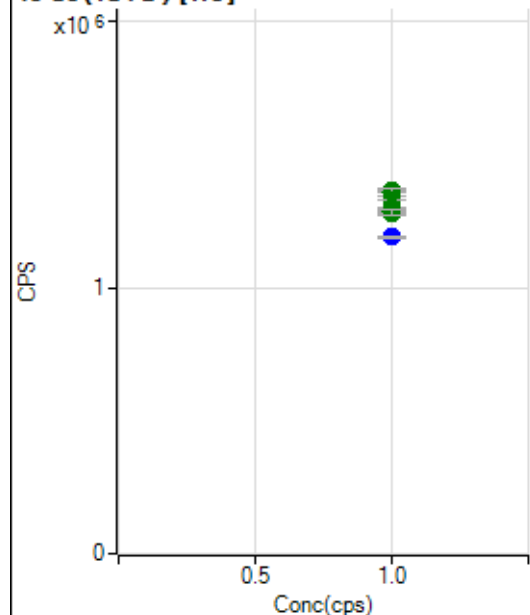
Min Conc: 0

6 Li (ISTD) [No Gas]

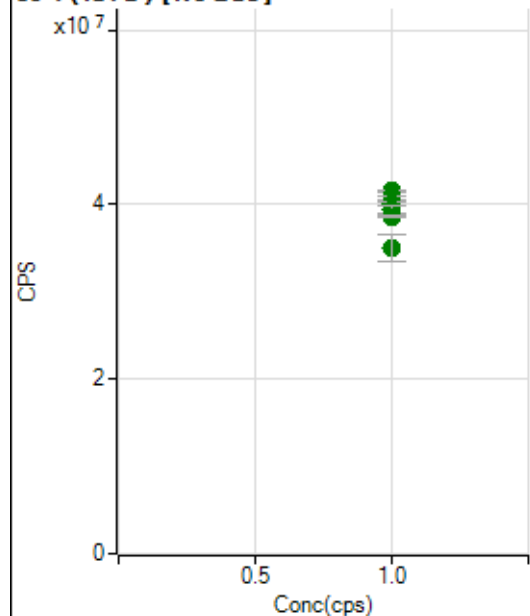
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3366966.60		A	0.4
2	☐	1.000		3443256.01		A	0.2
3	☐	1.000		3653066.40		A	0.8
4	☐	1.000		3695244.24		A	1.2
5	☐	1.000		3618157.55		A	1.3
6	☐	1.000		3629149.36		A	2.6
7	☐	1.000		3396659.10		A	1.0
8	☐	1.000		3109329.09		A	8.5

45 Sc (ISTD) [No Gas]

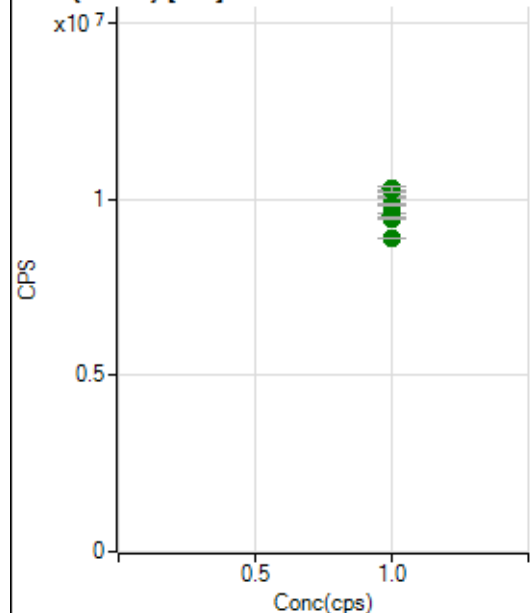
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		17170961.41		A	0.4
2	☐	1.000		17418546.96		A	0.9
3	☐	1.000		17159689.47		A	0.9
4	☐	1.000		16761159.33		A	0.5
5	☐	1.000		16101343.09		A	0.2
6	☐	1.000		15927251.71		A	1.5
7	☐	1.000		15738721.29		A	0.9
8	☐	1.000		14516186.73		A	9.5

45 Sc (ISTD) [He]

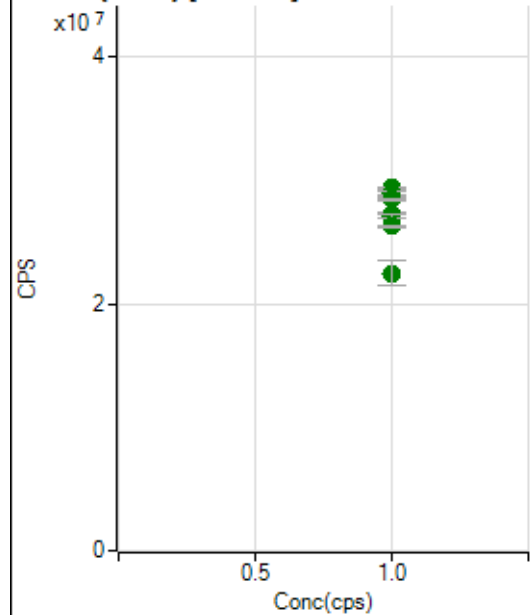
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1358284.02		A	2.1
2	☐	1.000		1363526.95		A	0.6
3	☐	1.000		1359465.71		A	2.1
4	☐	1.000		1328749.99		A	0.1
5	☐	1.000		1297311.22		A	0.6
6	☐	1.000		1282372.13		A	0.8
7	☐	1.000		1285048.24		A	1.6
8	☐	1.000		1190455.87		P	0.4

89 Y (ISTD) [No Gas]

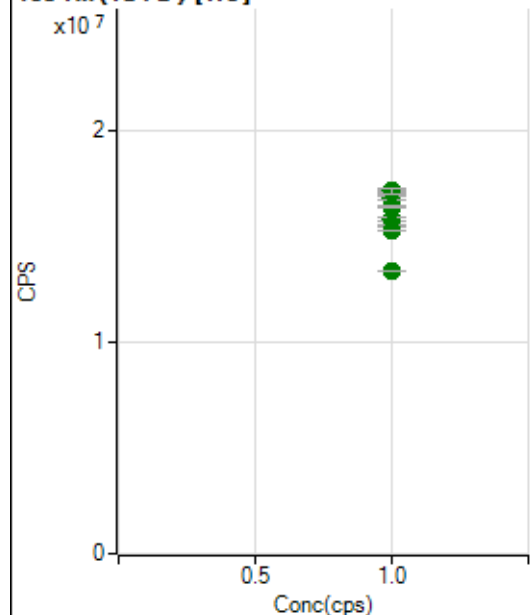
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		40546437.73		A	0.1
2	☐	1.000		41574925.49		A	0.8
3	☐	1.000		40998196.33		A	0.4
4	☐	1.000		40056121.35		A	1.1
5	☐	1.000		38957808.03		A	0.3
6	☐	1.000		39350971.64		A	2.2
7	☐	1.000		38631582.48		A	0.4
8	☐	1.000		35025970.86		A	8.4

89 Y (ISTD) [He]

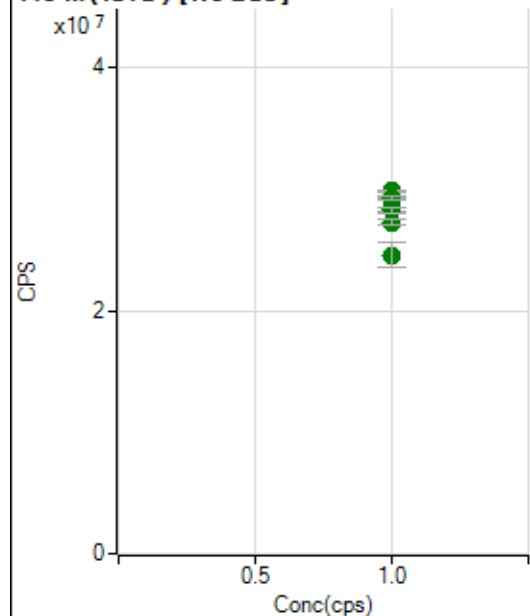
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10083661.72		A	0.8
2	☐	1.000		10264934.57		A	0.2
3	☐	1.000		10308873.74		A	1.5
4	☐	1.000		9862019.65		A	0.5
5	☐	1.000		9559199.23		A	1.2
6	☐	1.000		9494545.48		A	0.5
7	☐	1.000		9474255.00		A	0.3
8	☐	1.000		8909743.83		A	0.2

103 Rh (ISTD) [No Gas]

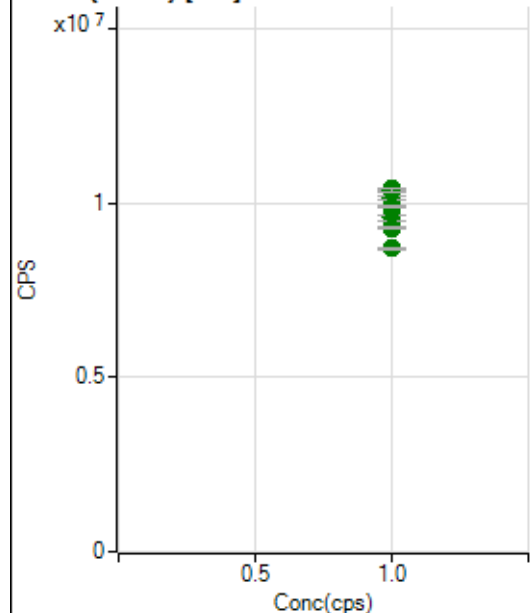
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28729129.85		A	0.7
2	☐	1.000		29408045.67		A	0.3
3	☐	1.000		29004300.12		A	1.4
4	☐	1.000		28453808.74		A	0.5
5	☐	1.000		27320600.15		A	0.6
6	☐	1.000		27075736.26		A	1.3
7	☐	1.000		26311001.83		A	0.6
8	☐	1.000		22507708.28		A	8.5

103 Rh (ISTD) [He]

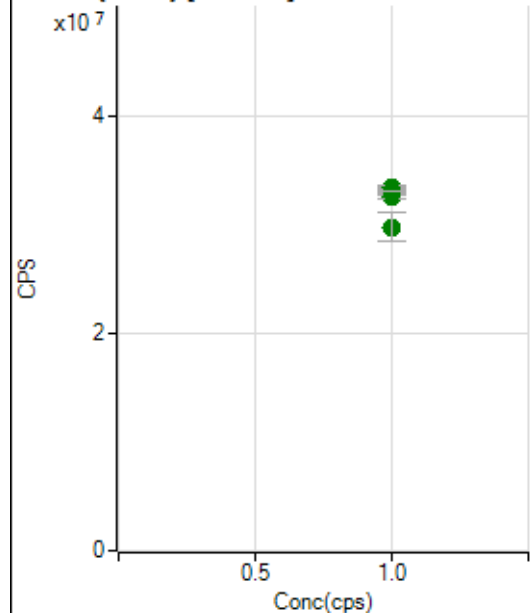
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		16868195.58		A	1.1
2	☐	1.000		17168337.80		A	0.4
3	☐	1.000		17179145.72		A	1.3
4	☐	1.000		16429927.39		A	0.3
5	☐	1.000		15859931.15		A	1.2
6	☐	1.000		15558121.99		A	0.5
7	☐	1.000		15294034.77		A	0.1
8	☐	1.000		13404800.91		A	0.4

115 In (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		29169853.12		A	0.7
2	☐	1.000		29859019.52		A	0.6
3	☐	1.000		29764470.31		A	0.5
4	☐	1.000		29280770.27		A	0.7
5	☐	1.000		28374285.45		A	1.1
6	☐	1.000		28256910.31		A	1.3
7	☐	1.000		27255669.38		A	1.7
8	☐	1.000		24603588.58		A	8.5

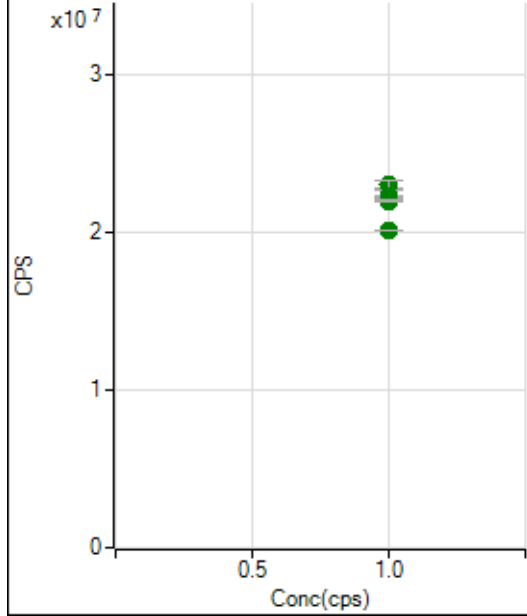
115 In (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10146925.54		A	1.2
2	☐	1.000		10417924.45		A	0.2
3	☐	1.000		10393558.29		A	1.2
4	☐	1.000		9897634.86		A	0.3
5	☐	1.000		9596251.55		A	1.6
6	☐	1.000		9479154.49		A	0.2
7	☐	1.000		9301601.19		A	0.2
8	☐	1.000		8707853.56		A	0.9

159 Tb (ISTD) [No Gas]

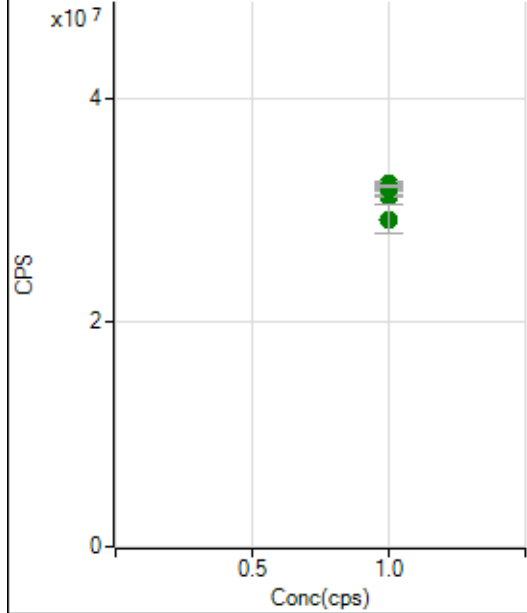
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		32614514.51		A	0.6
2	☐	1.000		33398048.39		A	0.6
3	☐	1.000		33384497.84		A	0.8
4	☐	1.000		33437905.06		A	1.4
5	☐	1.000		32993472.01		A	0.3
6	☐	1.000		33117506.17		A	1.5
7	☐	1.000		33160131.17		A	0.2
8	☐	1.000		29838905.67		A	9.1

159 Tb (ISTD) [He]

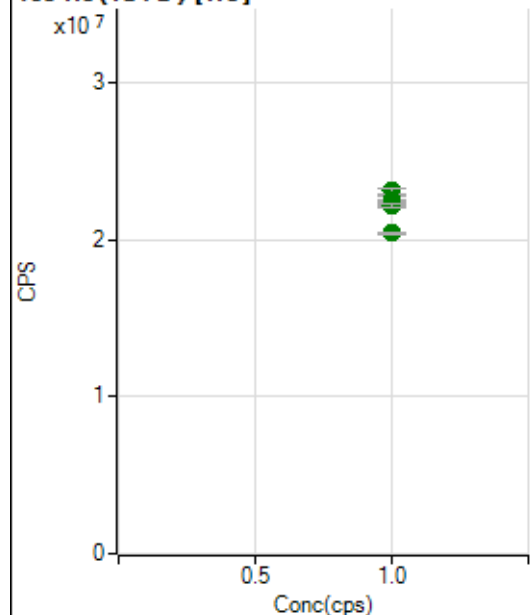


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22174435.23		A	0.9
2	☐	1.000		22818436.05		A	0.2
3	☐	1.000		23022435.21		A	2.5
4	☐	1.000		22330177.72		A	0.4
5	☐	1.000		22213415.78		A	0.4
6	☐	1.000		21986420.78		A	0.6
7	☐	1.000		21995921.90		A	0.5
8	☐	1.000		20118841.51		A	0.4

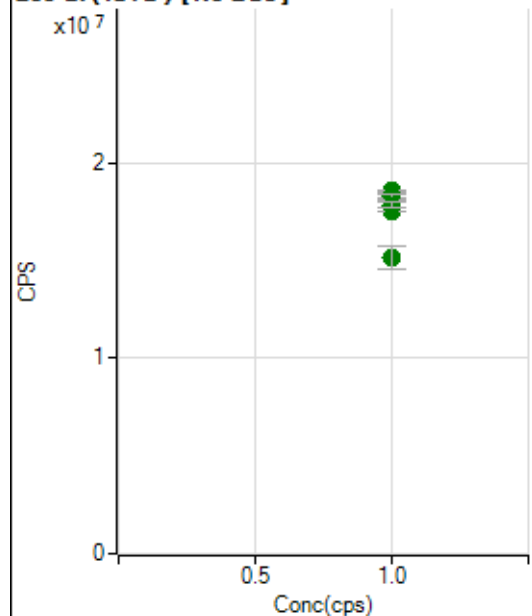
165 Ho (ISTD) [No Gas]



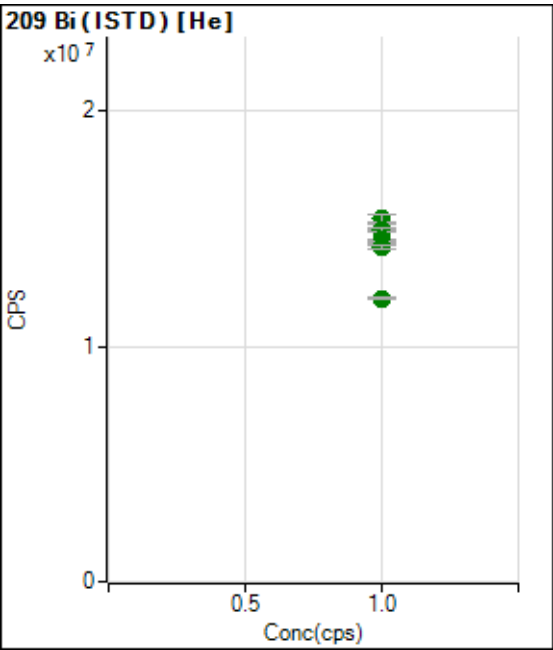
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31278227.03		A	0.6
2	☐	1.000		31864344.52		A	0.6
3	☐	1.000		32277103.41		A	0.7
4	☐	1.000		32358159.24		A	0.8
5	☐	1.000		32026392.58		A	1.6
6	☐	1.000		32286760.63		A	1.8
7	☐	1.000		32107257.02		A	0.6
8	☐	1.000		29228618.73		A	8.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22398198.56		A	0.2
2	☐	1.000		22852139.10		A	0.7
3	☐	1.000		23135542.71		A	1.7
4	☐	1.000		22571970.77		A	0.4
5	☐	1.000		22262146.33		A	0.5
6	☐	1.000		22286241.89		A	0.6
7	☐	1.000		22193519.11		A	0.8
8	☐	1.000		20425508.45		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17532153.49		A	0.1
2	☐	1.000		18156492.65		A	0.3
3	☐	1.000		18471808.20		A	0.4
4	☐	1.000		18543679.17		A	0.4
5	☐	1.000		18063643.48		A	1.2
6	☐	1.000		18240614.73		A	1.9
7	☐	1.000		17827496.54		A	1.5
8	☐	1.000		15159384.36		A	8.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14894558.39		A	0.9
2	☐	1.000		15242507.41		A	0.6
3	☐	1.000		15402426.99		A	2.0
4	☐	1.000		14931784.22		A	1.0
5	☐	1.000		14546297.56		A	0.3
6	☐	1.000		14423777.01		A	0.9
7	☐	1.000		14240805.07		A	1.1
8	☐	1.000		12030993.85		A	0.4

US EPA Tune Check Report

Reviewed By: Moh
On: 11/14/2024 7:0
AM
Inst Id : P7
Client Sample Id
: TUNE007

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7111324MS5.b

Acq. Date-Time 2024-11-13 15:27:01

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		31543	315427.46			0.156	5.000
24		192944	1929437.00			0.709	5.000
25		24425	244245.96			0.160	5.000
26		29767	297670.09			0.187	5.000
59		246644	2466442.06			0.974	5.000
113		31270	312700.02			0.596	5.000
115		384137	3841369.80			0.477	5.000
206		68320	683203.78			0.279	5.000
207		59418	594176.95			0.537	5.000
208		144985	1449853.35			0.781	5.000
220		0	3.50			40.406	

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	31533	31569	31611	31518	31483
24	194608	192450	191788	191685	194187
25	24380	24442	24389	24437	24474
26	29732	29734	29727	29857	29786
59	250098	245789	244310	248082	244942
113	31566	31238	31273	31222	31051
115	386870	384017	384055	384045	381698
206	68560	68098	68433	68161	68349
207	59945	59126	59325	59458	59235
208	146942	144985	144237	144305	144457

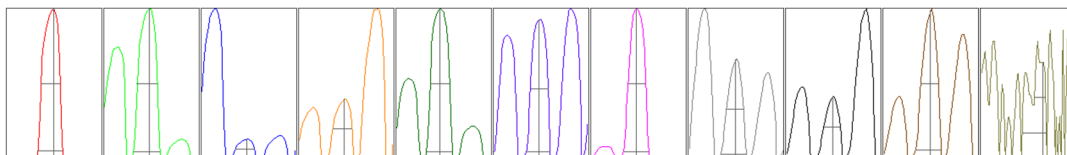
US EPA Tune Check Report

Reviewed By: Moh
On: 11/14/2024 7:0
AM
Inst Id : P7
Client Sample Id
: TUNE007

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	54990.44	9.00	8.90 - 9.10	
24	319529.34	23.95	23.90 - 24.10	
25	41751.79	24.95	24.90 - 25.10	
26	49088.64	25.95	25.90 - 26.10	
59	413954.15	58.90	58.90 - 59.10	
113	56877.99	112.95	112.90 - 113.10	
115	707545.02	114.95	114.90 - 115.10	
206	131974.01	206.00	205.90 - 206.10	
207	114763.84	207.00	206.90 - 207.10	
208	272904.72	208.00	207.90 - 208.10	
220	0.45	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.778	0.900	
24	0.64	0.834	0.900	
25	0.62	0.772	0.900	
26	0.62	0.783	0.900	
59	0.62	0.825	0.900	
113	0.56	0.752	0.900	
115	0.55	0.800	0.900	
206	0.53	0.808	0.900	
207	0.53	0.771	0.900	
208	0.55	0.816	0.900	
220	0.35	0.766		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

Reviewed By: Moh
On: 11/14/2024 7:0
AM
Inst Id : P7
Client Sample Id
: TUNE007

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 V	Deflect	15.4 V
Extract 2	-155.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

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

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.5 mm
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EM

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

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		78108	781083.66			0.748	
89		117138	1171382.33			1.019	
205		76823	768231.91			0.757	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	79053	78257	77929	77669	77634
89	117501	117157	118788	115499	116747
205	77517	77243	76239	76231	76887

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	3.8 V
-----------	-------	------------	-------	---------	-------

US EPA Tune Check Report

Reviewed By: Moh
On: 11/14/2024 7:0
AM
Inst Id : P7
Client Sample Id
: TUNE007

Extract 2	-175.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination 5.0 V	
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.09		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.5 mm		
EM					
Discriminator	4.7 mV	Analog HV	2209 V	Pulse HV	964 V

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:25:45

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	0.01	0.10	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	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.26	-0.26	0.01	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.02	0.00	0.00	N/A	ppb
Calcium	43-1	0.41	-1.01	0.60	0.00	N/A	ppb
Calcium	44-1	-0.31	0.07	0.24	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	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	-0.17	0.01	0.15	0.00	N/A	ppb
Iron	57-2	-0.37	0.27	0.10	0.00	N/A	ppb
Iron	54-2	-0.05	0.17	-0.12	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:25:45

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	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	-0.02	0.10	-0.08	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.02	0.00	N/A	ppb
Phosphorus	31-2	-15.97	-16.88	-17.76	-16.87		ppb
Potassium	39-2	-1.15	1.39	-0.24	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.13	0.21	-0.08	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	-0.06	0.05	0.00	N/A	ppb
Silicon	28-1	0.16	-1.02	0.86	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.41	1.21	0.21	0.00	N/A	ppb
Strontium	86-1	0.12	-0.06	-0.07	0.00	N/A	ppb
Strontium	88-1	0.01	-0.02	0.01	0.00	N/A	ppb
Sulfur	34-1	-57.63	-1.61	0.96	-19.43		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.03	0.00	0.00	N/A	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:25:45

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	-0.01	0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:32:18

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.94	18.69	19.74	19.46	3.45	ppb
Antimony	121-1	2.11	2.16	2.09	2.12	1.72	ppb
Arsenic	75-2	1.12	1.11	1.12	1.12	0.23	ppb
Barium	135-1	10.30	10.24	10.00	10.18	1.53	ppb
Barium	137-1	10.28	10.36	10.16	10.26	0.99	ppb
Beryllium	9-1	1.05	1.01	1.10	1.06	4.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.06	0.96	1.04	6.96	ppb
Cadmium	106-1	1.65	0.86	0.53	1.01	56.67	ppb
Cadmium	111-1	1.16	1.06	1.12	1.11	4.55	ppb
Calcium	43-1	547.76	561.25	549.27	552.76	1.34	ppb
Calcium	44-1	540.48	556.07	549.13	548.56	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.14	2.15	2.14	0.47	ppb
Cobalt	59-2	1.13	1.13	1.13	1.13	0.40	ppb
Copper	63-2	2.01	2.06	2.04	2.04	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				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	56.20	56.13	56.62	56.32	0.48	ppb
Iron	57-2	57.62	59.00	58.29	58.30	1.19	ppb
Iron	54-2	57.42	56.44	59.00	57.62	2.24	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:32:18 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	0.98	1.00	1.00	1.37	ppb
Lead	207-1	0.97	0.98	0.98	0.98	0.94	ppb
Lead	208-1	0.99	0.98	0.99	0.99	0.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	522.28	512.72	517.11	517.37	0.92	ppb
Manganese	55-2	1.05	1.05	1.07	1.06	1.47	ppb
Molybdenum	94-1	5.74	5.77	5.83	5.78	0.78	ppb
Molybdenum	95-1	4.88	4.91	4.95	4.91	0.72	ppb
Molybdenum	96-1	4.97	5.00	5.01	5.00	0.38	ppb
Molybdenum	97-1	4.86	4.95	4.82	4.87	1.41	ppb
Molybdenum	98-1	4.87	4.94	4.94	4.92	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.10	1.09	1.08	3.11	ppb
Phosphorus	31-2	16.48	17.71	16.41	16.87	4.35	ppb
Potassium	39-2	533.24	532.40	537.54	534.40	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.52	5.48	5.67	5.56	1.77	ppb
Selenium	77-2	4.55	3.81	5.59	4.65	19.23	ppb
Selenium	78-2	6.35	4.96	5.58	5.63	12.39	ppb
Silicon	28-1	-0.41	1.37	0.97	0.64	145.69	ppb
Silver	107-1	1.08	1.08	1.08	1.08	0.04	ppb
Silver	109-1	1.07	1.08	1.08	1.08	0.47	ppb
Sodium	23-2	483.76	483.39	492.90	486.69	1.11	ppb
Strontium	86-1	24.89	25.80	26.32	25.67	2.82	ppb
Strontium	88-1	25.26	25.58	25.46	25.44	0.63	ppb
Sulfur	34-1	-15.44	42.73	30.99	19.43	158.37	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.01	0.99	0.99	1.00	0.91	ppb
Thallium	205-1	0.98	0.97	0.97	0.97	0.67	ppb
Tin	118-1	5.29	5.30	5.22	5.27	0.85	ppb
Titanium	47-1	4.96	4.88	5.03	4.96	1.57	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:32:18

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.93	0.93	0.93	0.91	ppb
Vanadium	51-2	5.24	5.17	5.27	5.23	1.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5.33	5.43	5.52	5.43	1.75	ppb
Zirconium	90-1	0.98	1.00	0.99	0.99	1.04	ppb
Zirconium	91-1	0.96	1.01	1.01	0.99	3.15	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:35:33

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1019.58	986.97	1025.81	1010.79	2.06	ppb
Antimony	121-1	50.89	52.23	52.55	51.89	1.69	ppb
Arsenic	75-2	50.55	49.59	51.37	50.50	1.77	ppb
Barium	135-1	254.46	256.75	258.74	256.65	0.83	ppb
Barium	137-1	248.04	260.48	262.39	256.97	3.03	ppb
Beryllium	9-1	48.56	50.23	51.61	50.13	3.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.92	56.10	55.04	55.02	1.98	ppb
Cadmium	106-1	55.27	54.99	54.37	54.88	0.85	ppb
Cadmium	111-1	53.72	54.73	55.06	54.50	1.28	ppb
Calcium	43-1	5567.95	5698.20	5574.65	5613.60	1.31	ppb
Calcium	44-1	5353.69	5479.20	5473.35	5435.41	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.86	50.80	52.52	51.73	1.67	ppb
Cobalt	59-2	52.96	51.71	53.69	52.79	1.90	ppb
Copper	63-2	534.23	519.68	541.39	531.77	2.08	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				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2702.19	2628.03	2739.20	2689.81	2.10	ppb
Iron	57-2	2780.75	2715.90	2824.40	2773.68	1.97	ppb
Iron	54-2	2759.18	2700.95	2731.25	2730.46	1.07	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:35:33

DataFile Name :

007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	246.35	255.10	251.58	251.01	1.76	ppb
Lead	207-1	242.60	255.72	252.99	250.43	2.76	ppb
Lead	208-1	243.23	253.63	251.23	249.37	2.18	ppb
Lithium	6-1				108		%
Magnesium	24-2	5399.28	5225.05	5462.17	5362.16	2.29	ppb
Manganese	55-2	525.90	506.63	529.30	520.61	2.35	ppb
Molybdenum	94-1	496.27	507.70	506.02	503.33	1.23	ppb
Molybdenum	95-1	497.03	512.70	505.06	504.93	1.55	ppb
Molybdenum	96-1	498.31	500.41	505.07	501.26	0.69	ppb
Molybdenum	97-1	497.60	501.77	505.76	501.71	0.81	ppb
Molybdenum	98-1	491.27	499.68	501.97	497.64	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.19	50.84	53.51	52.51	2.78	ppb
Phosphorus	31-2	1041.16	1013.14	1052.40	1035.57	1.95	ppb
Potassium	39-2	2562.92	2481.43	2635.08	2559.81	3.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	52.83	54.44	54.07	53.78	1.57	ppb
Selenium	77-2	51.69	51.79	50.21	51.23	1.72	ppb
Selenium	78-2	50.71	50.13	51.72	50.85	1.58	ppb
Silicon	28-1	67.72	67.89	66.22	67.28	1.37	ppb
Silver	107-1	54.99	55.07	55.76	55.27	0.77	ppb
Silver	109-1	54.25	54.37	55.44	54.69	1.20	ppb
Sodium	23-2	5178.66	4942.34	5215.96	5112.32	2.90	ppb
Strontium	86-1	1235.43	1263.69	1258.23	1252.45	1.20	ppb
Strontium	88-1	1250.32	1275.13	1271.46	1265.63	1.06	ppb
Sulfur	34-1	1048.53	1041.32	998.45	1029.43	2.63	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	48.55	49.59	50.21	49.45	1.70	ppb
Thallium	205-1	48.37	49.92	50.60	49.63	2.30	ppb
Tin	118-1	51.70	53.09	53.01	52.60	1.49	ppb
Titanium	47-1	495.17	504.62	500.17	499.99	0.95	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:35:33 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.69	48.01	48.23	47.64	1.74	ppb
Vanadium	51-2	51.03	49.53	51.92	50.83	2.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	538.91	520.03	545.97	534.97	2.51	ppb
Zirconium	90-1	49.09	49.62	50.17	49.63	1.09	ppb
Zirconium	91-1	49.08	50.07	49.90	49.68	1.07	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :S04Instrumnet Name :P7

Client Sample ID :S04Dilution Factor :1

Date & Time Acquired :2024-11-13 16:38:28DataFile Name :008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2490.00	2519.71	2523.13	2510.95	0.73	ppb
Antimony	121-1	130.39	127.83	128.30	128.84	1.05	ppb
Arsenic	75-2	127.90	125.94	125.55	126.46	0.99	ppb
Barium	135-1	649.67	641.65	638.02	643.11	0.93	ppb
Barium	137-1	646.14	634.39	630.15	636.89	1.30	ppb
Beryllium	9-1	122.82	125.85	123.16	123.95	1.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	136.16	133.67	131.01	133.61	1.93	ppb
Cadmium	106-1	136.24	134.81	130.72	133.92	2.14	ppb
Cadmium	111-1	134.10	133.42	132.90	133.48	0.45	ppb
Calcium	43-1	13522.17	13659.54	13712.45	13631.39	0.72	ppb
Calcium	44-1	12993.72	13180.99	13179.53	13118.08	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.54	126.12	126.53	126.73	0.58	ppb
Cobalt	59-2	130.36	132.39	130.63	131.13	0.84	ppb
Copper	63-2	1307.60	1313.64	1287.03	1302.76	1.07	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6656.65	6604.56	6652.02	6637.74	0.43	ppb
Iron	57-2	6586.35	6556.53	6589.23	6577.37	0.28	ppb
Iron	54-2	6747.18	6544.11	6667.38	6652.89	1.54	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:38:28 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	624.81	620.68	630.80	625.43	0.81	ppb
Lead	207-1	616.22	618.36	622.56	619.04	0.52	ppb
Lead	208-1	618.87	622.26	621.29	620.80	0.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	13445.20	13363.74	13423.84	13410.93	0.31	ppb
Manganese	55-2	1276.10	1258.32	1261.59	1265.33	0.75	ppb
Molybdenum	94-1	1254.59	1249.04	1268.99	1257.54	0.82	ppb
Molybdenum	95-1	1267.66	1255.45	1267.67	1263.60	0.56	ppb
Molybdenum	96-1	1273.53	1240.33	1264.38	1259.41	1.36	ppb
Molybdenum	97-1	1265.06	1239.95	1255.86	1253.62	1.01	ppb
Molybdenum	98-1	1273.94	1249.96	1254.80	1259.57	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.98	140.45	140.71	141.05	0.58	ppb
Phosphorus	31-2	2573.38	2549.74	2564.78	2562.63	0.47	ppb
Potassium	39-2	6247.18	6321.46	6199.71	6256.11	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	133.04	131.99	132.45	132.49	0.40	ppb
Selenium	77-2	128.33	124.34	128.74	127.14	1.91	ppb
Selenium	78-2	130.77	127.62	130.90	129.76	1.43	ppb
Silicon	28-1	151.36	151.49	152.82	151.89	0.53	ppb
Silver	107-1	136.95	135.39	132.89	135.08	1.51	ppb
Silver	109-1	135.34	132.30	133.18	133.61	1.17	ppb
Sodium	23-2	12744.49	12920.43	12766.56	12810.49	0.75	ppb
Strontium	86-1	3120.00	3087.56	3111.21	3106.26	0.54	ppb
Strontium	88-1	3149.82	3105.38	3131.58	3128.92	0.71	ppb
Sulfur	34-1	2439.44	2432.61	2420.02	2430.69	0.41	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	123.99	122.96	125.16	124.04	0.89	ppb
Thallium	205-1	123.56	123.66	124.73	123.98	0.53	ppb
Tin	118-1	131.12	128.36	128.09	129.19	1.30	ppb
Titanium	47-1	1243.26	1240.42	1263.55	1249.08	1.01	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:38:28

DataFile Name :

008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.82	120.92	121.42	120.38	1.15	ppb
Vanadium	51-2	125.61	125.23	124.99	125.28	0.25	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1309.03	1324.63	1280.92	1304.86	1.70	ppb
Zirconium	90-1	124.34	124.74	123.15	124.07	0.67	ppb
Zirconium	91-1	125.09	124.46	125.03	124.86	0.28	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:41:11

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5115.12	5092.03	4984.08	5063.74	1.38	ppb
Antimony	121-1	252.75	252.49	255.66	253.63	0.69	ppb
Arsenic	75-2	253.66	252.45	254.86	253.66	0.48	ppb
Barium	135-1	1270.34	1262.33	1273.27	1268.64	0.45	ppb
Barium	137-1	1252.20	1263.57	1270.32	1262.03	0.73	ppb
Beryllium	9-1	246.08	244.04	241.97	244.03	0.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	260.64	263.47	259.01	261.04	0.86	ppb
Cadmium	106-1	258.93	263.60	259.96	260.83	0.94	ppb
Cadmium	111-1	258.76	261.81	261.11	260.56	0.61	ppb
Calcium	43-1	26059.98	26620.71	26177.11	26285.93	1.13	ppb
Calcium	44-1	26103.40	26171.35	26258.65	26177.80	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.34	259.31	255.21	256.95	0.82	ppb
Cobalt	59-2	254.13	256.05	257.92	256.04	0.74	ppb
Copper	63-2	2544.96	2610.18	2579.75	2578.30	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12998.47	13255.61	13243.24	13165.77	1.10	ppb
Iron	57-2	12929.17	13011.00	13231.19	13057.12	1.20	ppb
Iron	54-2	13306.35	13318.24	13351.80	13325.46	0.18	ppb
Krypton	83-1						cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :S05Instrumnet Name :P7

Client Sample ID :S05Dilution Factor :1

Date & Time Acquired :2024-11-13 16:41:11DataFile Name :009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1272.57	1266.28	1259.66	1266.17	0.51	ppb
Lead	207-1	1272.34	1246.80	1255.15	1258.10	1.03	ppb
Lead	208-1	1267.61	1254.13	1256.49	1259.41	0.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	26724.90	26730.12	26908.85	26787.96	0.39	ppb
Manganese	55-2	2539.99	2575.59	2527.79	2547.79	0.97	ppb
Molybdenum	94-1	2505.51	2524.91	2514.40	2514.94	0.39	ppb
Molybdenum	95-1	2512.42	2541.07	2517.72	2523.74	0.60	ppb
Molybdenum	96-1	2522.76	2532.35	2498.40	2517.84	0.70	ppb
Molybdenum	97-1	2506.63	2509.95	2486.97	2501.18	0.50	ppb
Molybdenum	98-1	2521.11	2494.49	2491.01	2502.20	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	275.23	275.04	276.13	275.47	0.21	ppb
Phosphorus	31-2	5113.40	5186.37	5066.60	5122.12	1.18	ppb
Potassium	39-2	12628.97	12532.49	12519.71	12560.39	0.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	259.30	259.61	260.20	259.70	0.18	ppb
Selenium	77-2	247.31	262.92	252.05	254.09	3.15	ppb
Selenium	78-2	254.46	256.14	260.00	256.87	1.10	ppb
Silicon	28-1	282.27	280.27	276.97	279.83	0.96	ppb
Silver	107-1	264.72	261.51	262.78	263.00	0.61	ppb
Silver	109-1	260.32	262.63	262.71	261.89	0.52	ppb
Sodium	23-2	26063.25	25373.58	25604.51	25680.44	1.37	ppb
Strontium	86-1	6323.82	6319.97	6388.27	6344.02	0.60	ppb
Strontium	88-1	6290.60	6310.79	6264.45	6288.61	0.37	ppb
Sulfur	34-1	4799.62	4785.20	4701.27	4762.03	1.12	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	254.52	252.18	252.33	253.01	0.52	ppb
Thallium	205-1	253.85	250.31	251.55	251.90	0.71	ppb
Tin	118-1	257.57	254.03	255.92	255.84	0.69	ppb
Titanium	47-1	2535.81	2522.86	2473.44	2510.70	1.31	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:41:11 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	245.47	246.49	248.82	246.93	0.70	ppb
Vanadium	51-2	250.08	256.80	252.91	253.26	1.33	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	2559.28	2616.13	2573.07	2582.83	1.15	ppb
Zirconium	90-1	250.10	249.83	249.40	249.78	0.14	ppb
Zirconium	91-1	247.69	252.42	249.59	249.90	0.95	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:43:59

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9982.74	9806.81	9981.34	9923.63	1.02	ppb
Antimony	121-1	479.32	502.97	505.43	495.91	2.91	ppb
Arsenic	75-2	498.17	501.40	498.64	499.40	0.35	ppb
Barium	135-1	2409.48	2524.74	2509.49	2481.24	2.52	ppb
Barium	137-1	2410.05	2494.80	2478.05	2460.97	1.82	ppb
Beryllium	9-1	479.37	497.11	502.56	493.01	2.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	488.95	510.12	504.87	501.31	2.20	ppb
Cadmium	106-1	486.64	506.59	507.48	500.24	2.36	ppb
Cadmium	111-1	487.38	513.12	510.91	503.80	2.83	ppb
Calcium	43-1	50022.30	52029.46	51724.06	51258.60	2.11	ppb
Calcium	44-1	50281.63	52468.72	51674.65	51475.00	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.41	505.67	499.74	503.94	0.73	ppb
Cobalt	59-2	506.98	504.76	501.88	504.54	0.51	ppb
Copper	63-2	5152.16	5040.94	5034.70	5075.93	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	26318.26	25758.71	25958.97	26011.98	1.09	ppb
Iron	57-2	25812.27	25682.18	25845.88	25780.11	0.34	ppb
Iron	54-2	26209.58	25881.71	25638.79	25910.02	1.11	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:43:59

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2384.31	2484.98	2495.79	2455.03	2.50	ppb
Lead	207-1	2374.94	2461.88	2483.59	2440.14	2.36	ppb
Lead	208-1	2376.30	2464.23	2495.14	2445.22	2.52	ppb
Lithium	6-1				108		%
Magnesium	24-2	53507.95	52778.57	52385.03	52890.51	1.08	ppb
Manganese	55-2	5080.47	4980.88	4997.03	5019.46	1.06	ppb
Molybdenum	94-1	4713.97	4982.46	4954.20	4883.54	3.02	ppb
Molybdenum	95-1	4694.17	4990.56	4930.68	4871.80	3.22	ppb
Molybdenum	96-1	4707.09	4993.99	4923.19	4874.76	3.07	ppb
Molybdenum	97-1	4678.14	4929.48	4952.22	4853.28	3.13	ppb
Molybdenum	98-1	4702.67	4977.55	4960.78	4880.33	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.27	508.46	501.35	506.36	0.86	ppb
Phosphorus	31-2	10148.26	10039.32	10005.08	10064.22	0.74	ppb
Potassium	39-2	24829.08	24621.20	24730.34	24726.87	0.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	478.83	501.52	503.05	494.47	2.74	ppb
Selenium	77-2	500.07	513.59	495.93	503.20	1.84	ppb
Selenium	78-2	499.79	502.60	504.29	502.23	0.45	ppb
Silicon	28-1	436.52	451.11	452.26	446.63	1.96	ppb
Silver	107-1	493.97	503.65	505.50	501.04	1.24	ppb
Silver	109-1	488.78	510.30	509.77	502.95	2.44	ppb
Sodium	23-2	51217.75	51301.50	50817.11	51112.12	0.51	ppb
Strontium	86-1	11973.80	12285.54	12437.12	12232.15	1.93	ppb
Strontium	88-1	11862.16	12351.88	12472.60	12228.88	2.64	ppb
Sulfur	34-1	10360.13	10611.91	10512.32	10494.79	1.21	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	476.37	500.25	490.60	489.07	2.46	ppb
Thallium	205-1	470.88	493.80	500.52	488.40	3.18	ppb
Tin	118-1	484.75	500.36	504.32	496.47	2.08	ppb
Titanium	47-1	4776.94	4997.77	4948.75	4907.82	2.36	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:43:59 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	468.77	496.29	497.40	487.49	3.33	ppb
Vanadium	51-2	507.05	503.25	499.96	503.42	0.71	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	5138.54	5015.66	5045.33	5066.51	1.27	ppb
Zirconium	90-1	470.46	493.41	495.92	486.60	2.88	ppb
Zirconium	91-1	470.80	497.63	493.87	487.43	2.98	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:46:43

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19494.87	19891.85	19315.05	19567.26	1.51	ppb
Antimony	121-1	1001.59	1002.87	997.23	1000.56	0.30	ppb
Arsenic	75-2	997.77	998.45	1001.30	999.18	0.19	ppb
Barium	135-1	5041.06	4997.04	4968.27	5002.12	0.73	ppb
Barium	137-1	4999.65	5049.55	4994.82	5014.67	0.60	ppb
Beryllium	9-1	998.58	1011.34	1005.41	1005.11	0.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	990.89	1003.07	991.81	995.26	0.68	ppb
Cadmium	106-1	991.98	1000.08	995.38	995.81	0.41	ppb
Cadmium	111-1	989.13	1003.11	990.28	994.17	0.78	ppb
Calcium	43-1	106269.35	105034.46	103711.22	105005.01	1.22	ppb
Calcium	44-1	105836.51	103905.89	104913.54	104885.31	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	980.78	1012.77	994.41	995.99	1.61	ppb
Cobalt	59-2	982.95	1012.01	990.99	995.32	1.51	ppb
Copper	63-2	9845.49	10145.18	9812.15	9934.28	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	50985.30	52690.62	51126.70	51600.87	1.83	ppb
Iron	57-2	50355.90	51890.00	50894.76	51046.89	1.52	ppb
Iron	54-2	51142.76	53232.98	51835.62	52070.45	2.04	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:46:43

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5025.83	4955.05	5074.13	5018.34	1.19	ppb
Lead	207-1	5020.73	4971.98	5093.17	5028.63	1.21	ppb
Lead	208-1	5027.03	4963.24	5086.51	5025.59	1.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	105182.63	107312.77	105095.89	105863.76	1.19	ppb
Manganese	55-2	9845.16	10218.21	9862.75	9975.37	2.11	ppb
Molybdenum	94-1	10026.50	10060.60	10073.05	10053.38	0.24	ppb
Molybdenum	95-1	9970.58	10085.20	10112.87	10056.22	0.75	ppb
Molybdenum	96-1	10044.66	10045.61	10080.50	10056.92	0.20	ppb
Molybdenum	97-1	10018.42	10066.33	10132.82	10072.53	0.57	ppb
Molybdenum	98-1	10084.08	9997.94	10092.60	10058.21	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	973.17	1010.65	981.15	988.32	2.00	ppb
Phosphorus	31-2	19515.19	20456.55	19811.51	19927.75	2.42	ppb
Potassium	39-2	48663.98	50967.83	49169.31	49600.37	2.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	997.52	997.32	1002.79	999.21	0.31	ppb
Selenium	77-2	1000.33	998.62	992.19	997.05	0.43	ppb
Selenium	78-2	995.99	994.17	999.43	996.53	0.27	ppb
Silicon	28-1	1030.72	1013.74	1000.82	1015.09	1.48	ppb
Silver	107-1	1000.26	996.23	987.63	994.71	0.65	ppb
Silver	109-1	988.88	994.87	998.97	994.24	0.51	ppb
Sodium	23-2	98292.86	102220.70	100005.53	100173.03	1.97	ppb
Strontium	86-1	25251.56	25158.69	24927.66	25112.64	0.66	ppb
Strontium	88-1	25015.06	25250.68	25108.16	25124.63	0.47	ppb
Sulfur	34-1	19908.75	19863.22	19685.91	19819.29	0.59	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1019.45	987.97	1007.15	1004.86	1.58	ppb
Thallium	205-1	1017.80	994.55	1004.05	1005.47	1.16	ppb
Tin	118-1	989.01	1011.06	998.87	999.65	1.10	ppb
Titanium	47-1	10160.08	9988.46	9982.06	10043.53	1.01	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:46:43

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1009.67	997.27	1016.23	1007.72	0.96	ppb
Vanadium	51-2	986.27	1012.95	992.98	997.40	1.39	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	9825.63	10148.63	9838.04	9937.43	1.84	ppb
Zirconium	90-1	1005.01	1004.71	1010.96	1006.89	0.35	ppb
Zirconium	91-1	999.15	1004.17	1015.70	1006.34	0.84	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:49:29 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98344.82	100602.30	101324.73	100090.62	1.55	ppb
Antimony	121-1	0.58	0.63	0.66	0.62	6.74	ppb
Arsenic	75-2	0.53	0.51	0.56	0.53	5.56	ppb
Barium	135-1	1.98	2.05	1.66	1.89	11.00	ppb
Barium	137-1	2.04	2.04	1.69	1.92	10.45	ppb
Beryllium	9-1	0.15	0.10	0.06	0.10	43.14	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.38	0.34	0.40	18.42	ppb
Cadmium	106-1	-0.48	-0.33	-0.93	-0.58		ppb
Cadmium	111-1	0.06	0.06	0.00	0.04	77.22	ppb
Calcium	43-1	522451.03	519633.23	454238.84	498774.37	7.74	ppb
Calcium	44-1	525460.78	515956.91	454972.39	498796.69	7.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.70	2.87	2.61	2.73	4.75	ppb
Cobalt	59-2	2.52	2.51	2.51	2.51	0.25	ppb
Copper	63-2	2.19	2.14	2.14	2.15	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	247233.80	249712.59	251654.84	249533.75	0.89	ppb
Iron	57-2	250114.59	248488.44	250418.48	249673.83	0.42	ppb
Iron	54-2	247034.78	250291.36	250997.63	249441.26	0.85	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:49:29 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.75	0.65	0.74	12.09	ppb
Lead	207-1	0.81	0.74	0.63	0.73	11.93	ppb
Lead	208-1	0.81	0.75	0.65	0.74	11.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	489328.57	501301.26	504637.32	498422.39	1.62	ppb
Manganese	55-2	4.74	4.74	4.91	4.79	2.00	ppb
Molybdenum	94-1	2.40	2.23	2.10	2.24	6.78	ppb
Molybdenum	95-1	1.18	1.08	1.02	1.09	7.61	ppb
Molybdenum	96-1	2.67	2.59	2.30	2.52	7.63	ppb
Molybdenum	97-1	1.18	1.10	0.98	1.09	8.91	ppb
Molybdenum	98-1	1.16	1.04	0.95	1.05	9.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.73	3.72	3.75	3.73	0.40	ppb
Phosphorus	31-2	-6.89	-7.06	-4.53	-6.16		ppb
Potassium	39-2	247373.27	249459.70	253477.23	250103.40	1.24	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	0.68	0.77	1.06	0.84	23.70	ppb
Selenium	77-2	0.39	0.10	0.10	0.19	86.85	ppb
Selenium	78-2	0.31	0.09	0.77	0.39	89.03	ppb
Silicon	28-1	11.09	9.10	0.56	6.92	80.87	ppb
Silver	107-1	0.08	0.07	0.06	0.07	12.63	ppb
Silver	109-1	0.08	0.08	0.06	0.07	16.31	ppb
Sodium	23-2	495652.64	497081.62	506699.59	499811.29	1.20	ppb
Strontium	86-1	75.02	73.77	64.93	71.24	7.72	ppb
Strontium	88-1	74.53	73.61	65.47	71.20	7.01	ppb
Sulfur	34-1	-84.79	-218.52	-612.41	-305.24		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.11	0.08	0.06	0.08	27.22	ppb
Thallium	205-1	0.11	0.08	0.06	0.08	31.96	ppb
Tin	118-1	0.65	0.64	0.49	0.59	15.62	ppb
Titanium	47-1	0.37	0.27	0.21	0.28	27.40	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:49:29

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.02	0.02	0.03	32.11	ppb
Vanadium	51-2	0.16	0.15	0.17	0.16	6.16	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%
Zinc	66-2	6.70	6.71	6.82	6.74	0.98	ppb
Zirconium	90-1	0.75	0.72	0.67	0.71	6.15	ppb
Zirconium	91-1	0.76	0.73	0.66	0.71	6.98	ppb

LB Number :	LB133439		Operator :	Jaswal			
Lab Sample ID :	ICV007		Instrumnet Name :	P7			
Client Sample ID :	ICV007		Dilution Factor :	1			
Date & Time Acquired :	2024-11-13 17:18:42		DataFile Name :	013ICV.d			
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	454.80	465.15	446.93	455.63	2.01	ppb
Antimony	121-1	201.83	201.60	197.03	200.16	1.35	ppb
Arsenic	75-2	197.38	197.96	203.48	199.60	1.69	ppb
Barium	135-1	97.83	97.75	98.06	97.88	0.16	ppb
Barium	137-1	97.97	98.77	97.11	97.95	0.85	ppb
Beryllium	9-1	95.03	97.23	99.33	97.20	2.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.38	93.50	94.74	94.20	0.68	ppb
Cadmium	106-1	90.16	90.76	90.65	90.52	0.35	ppb
Cadmium	111-1	104.14	104.61	102.88	103.88	0.86	ppb
Calcium	43-1	1967.16	2011.83	1974.33	1984.44	1.21	ppb
Calcium	44-1	1959.43	1914.45	1959.28	1944.39	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.84	99.47	96.62	97.98	1.46	ppb
Cobalt	59-2	99.81	102.11	99.35	100.42	1.47	ppb
Copper	63-2	93.95	95.97	93.66	94.52	1.33	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				99		%
Iron	56-2	1967.81	1986.04	1929.25	1961.04	1.48	ppb
Iron	57-2	2015.95	2062.65	2017.25	2031.95	1.31	ppb
Iron	54-2	2102.19	2118.52	2067.56	2096.09	1.24	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICV007 Instrumnet Name : P7
Client Sample ID : ICV007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:18:42 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	191.35	199.19	197.99	196.18	2.15	ppb
Lead	207-1	180.87	188.05	186.26	185.06	2.02	ppb
Lead	208-1	187.15	192.53	190.36	190.01	1.42	ppb
Lithium	6-1				107		%
Magnesium	24-2	1097.14	1111.54	1085.49	1098.06	1.19	ppb
Manganese	55-2	95.83	97.67	94.30	95.93	1.76	ppb
Molybdenum	94-1	0.05	0.02	0.04	0.04	38.95	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	8.36	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.05	9.15	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	30.56	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.42	102.51	99.94	100.96	1.36	ppb
Phosphorus	31-2	-16.32	-14.52	-17.73	-16.19		ppb
Potassium	39-2	1887.65	1892.32	1821.05	1867.01	2.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	204.60	207.27	211.90	207.92	1.78	ppb
Selenium	77-2	210.29	208.47	214.23	211.00	1.40	ppb
Selenium	78-2	211.70	207.73	211.21	210.21	1.03	ppb
Silicon	28-1	-3.75	-3.33	-3.31	-3.46		ppb
Silver	107-1	51.77	51.85	50.53	51.38	1.44	ppb
Silver	109-1	50.20	51.01	50.75	50.65	0.81	ppb
Sodium	23-2	1887.64	1900.11	1869.73	1885.83	0.81	ppb
Strontium	86-1	5.86	5.32	5.71	5.63	4.93	ppb
Strontium	88-1	5.71	5.89	6.01	5.87	2.60	ppb
Sulfur	34-1	15.03	42.23	63.76	40.34	60.54	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	185.80	188.76	194.85	189.80	2.43	ppb
Thallium	205-1	185.68	189.77	189.28	188.25	1.19	ppb
Tin	118-1	0.01	0.00	0.00	0.00		ppb
Titanium	47-1	-0.06	-0.02	-0.07	-0.05		ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICV007 Instrumnet Name : P7
Client Sample ID : ICV007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:18:42 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	29.51	ppb
Vanadium	51-2	93.95	97.32	93.24	94.84	2.30	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	193.92	198.49	191.62	194.68	1.80	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	92.22	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	9.90	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :ICB007Instrumnet Name :P7

Client Sample ID :ICB007Dilution Factor :1

Date & Time Acquired :2024-11-13 17:23:49DataFile Name :014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.33	0.41	0.30	45.66	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	29.66	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.00	0.01	42.74	ppb
Barium	137-1	0.01	0.00	0.00	0.00	159.72	ppb
Beryllium	9-1	0.00	0.02	0.03	0.01	108.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	-0.53	-1.19	-1.74	-1.15		ppb
Cadmium	111-1	-0.04	-0.08	-0.12	-0.08		ppb
Calcium	43-1	0.51	0.73	0.34	0.53	36.41	ppb
Calcium	44-1	6.62	6.13	6.57	6.44	4.21	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	325.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	0.50	0.72	0.71	0.64	19.72	ppb
Iron	57-2	-0.40	-0.12	1.13	0.20	396.58	ppb
Iron	54-2	0.63	0.81	0.82	0.75	13.89	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICB007 Instrumnet Name : P7
Client Sample ID : ICB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:23:49 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.02	0.01	29.87	ppb
Lead	207-1	0.01	0.02	0.01	0.02	43.13	ppb
Lead	208-1	0.01	0.02	0.01	0.01	15.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.39	1.63	1.61	1.54	8.66	ppb
Manganese	55-2	0.02	0.01	0.00	0.01	115.65	ppb
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	68.09	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	50.21	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	125.14	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	13.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.27	0.25	0.26	4.78	ppb
Phosphorus	31-2	-16.60	-15.00	-14.48	-15.36		ppb
Potassium	39-2	3.05	5.28	6.28	4.87	34.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.08	0.43	-0.13	0.13	216.00	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	0.67	-0.10	0.34	117.15	ppb
Silicon	28-1	-0.59	-1.27	-0.74	-0.87		ppb
Silver	107-1	0.01	0.00	0.00	0.00	50.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	8.85	ppb
Sodium	23-2	15.67	16.26	17.00	16.31	4.10	ppb
Strontium	86-1	-0.07	0.07	-0.18	-0.06		ppb
Strontium	88-1	0.02	0.07	0.02	0.04	65.99	ppb
Sulfur	34-1	73.43	41.47	18.33	44.41	62.31	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.01	0.01	16.93	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.18	ppb
Tin	118-1	0.03	0.00	0.00	0.01	191.06	ppb
Titanium	47-1	0.07	0.05	0.05	0.06	19.75	ppb

LB Number :LB133439

Operator :Jaswal

Lab Sample ID :ICB007

Instrumnet Name :P7

Client Sample ID :ICB007

Dilution Factor :1

Date & Time Acquired :2024-11-13 17:23:49

DataFile Name :014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	108.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1265.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	-0.03	0.08	-0.08	-0.01		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	42.84	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :ICSA007Instrumnet Name :P7

Client Sample ID :ICSA007Dilution Factor :1

Date & Time Acquired :2024-11-13 17:49:27DataFile Name :015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91930.42	92498.10	91883.91	92104.14	0.37	ppb
Antimony	121-1	1.10	1.12	1.11	1.11	1.15	ppb
Arsenic	75-2	0.37	0.32	0.34	0.34	6.38	ppb
Barium	135-1	1.46	1.41	1.36	1.41	3.34	ppb
Barium	137-1	1.42	1.39	1.41	1.41	1.15	ppb
Beryllium	9-1	0.29	0.26	0.29	0.28	6.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.60	9.11	8.79	9.16	4.43	ppb
Cadmium	106-1	-3.04	-3.32	-3.33	-3.23		ppb
Cadmium	111-1	0.12	0.11	0.09	0.11	15.05	ppb
Calcium	43-1	100177.42	103004.87	102746.79	101976.36	1.53	ppb
Calcium	44-1	99901.35	103880.31	102838.36	102206.67	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.51	20.33	20.56	20.47	0.60	ppb
Cobalt	59-2	1.29	1.28	1.25	1.27	1.66	ppb
Copper	63-2	7.52	7.39	7.34	7.42	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	104236.75	104010.40	102925.66	103724.27	0.68	ppb
Iron	57-2	103146.10	103708.53	103729.85	103528.16	0.32	ppb
Iron	54-2	104071.90	103660.06	105360.74	104364.23	0.85	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICSA007 Instrumnet Name : P7
Client Sample ID : ICSA007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:49:27 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.81	4.81	4.75	4.79	0.72	ppb
Lead	207-1	4.33	4.40	4.28	4.34	1.42	ppb
Lead	208-1	4.49	4.50	4.45	4.48	0.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	100228.46	100026.30	99155.80	99803.52	0.57	ppb
Manganese	55-2	8.04	8.11	8.16	8.10	0.75	ppb
Molybdenum	94-1	1564.24	1588.38	1578.68	1577.10	0.77	ppb
Molybdenum	95-1	1895.65	1933.94	1912.07	1913.89	1.00	ppb
Molybdenum	96-1	1861.76	1892.50	1883.62	1879.29	0.84	ppb
Molybdenum	97-1	1903.46	1937.25	1940.75	1927.15	1.07	ppb
Molybdenum	98-1	1905.46	1944.24	1940.00	1929.90	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.50	5.39	5.47	5.45	1.10	ppb
Phosphorus	31-2	101424.43	101463.90	100506.31	101131.55	0.54	ppb
Potassium	39-2	99266.11	98250.04	98443.44	98653.20	0.55	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	-0.21	0.23	-0.04		ppb
Selenium	77-2	0.35	0.00	0.27	0.21	89.18	ppb
Selenium	78-2	0.35	-0.88	-0.28	-0.27		ppb
Silicon	28-1	2.74	1.82	2.41	2.32	19.94	ppb
Silver	107-1	0.02	0.02	0.01	0.02	9.43	ppb
Silver	109-1	0.02	0.01	0.02	0.02	9.35	ppb
Sodium	23-2	100815.75	99388.00	99090.57	99764.77	0.92	ppb
Strontium	86-1	837.76	850.75	854.95	847.82	1.06	ppb
Strontium	88-1	838.33	865.87	863.48	855.90	1.78	ppb
Sulfur	34-1	92534.24	94732.66	95227.83	94164.91	1.52	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.08	0.09	0.08	3.81	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	6.96	ppb
Tin	118-1	0.18	0.17	0.17	0.18	3.88	ppb
Titanium	47-1	1980.09	2024.81	1992.18	1999.02	1.16	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

ICSA007

Instrumnet Name :

P7

Client Sample ID :

ICSA007

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 17:49:27

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	9.16	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	1.25	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	11.74	11.89	11.73	11.79	0.75	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	38.93	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	51.77	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :ICSAB007Instrumnet Name :P7

Client Sample ID :ICSAB007Dilution Factor :1

Date & Time Acquired :2024-11-13 18:01:52DataFile Name :016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91174.55	92277.93	91670.20	91707.56	0.60	ppb
Antimony	121-1	21.38	21.43	21.31	21.37	0.29	ppb
Arsenic	75-2	20.53	20.67	20.76	20.65	0.55	ppb
Barium	135-1	21.61	21.72	21.33	21.55	0.94	ppb
Barium	137-1	21.59	21.68	21.48	21.58	0.47	ppb
Beryllium	9-1	21.04	21.45	21.32	21.27	0.99	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.66	26.03	26.28	26.66	3.28	ppb
Cadmium	106-1	15.12	15.69	15.01	15.27	2.39	ppb
Cadmium	111-1	20.14	20.24	20.36	20.25	0.55	ppb
Calcium	43-1	104574.85	102995.46	103533.38	103701.23	0.77	ppb
Calcium	44-1	104696.61	102376.23	103571.46	103548.10	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.99	40.79	40.43	40.74	0.69	ppb
Cobalt	59-2	21.85	21.72	21.69	21.75	0.41	ppb
Copper	63-2	26.66	26.65	26.08	26.46	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	104863.30	104589.38	103700.90	104384.53	0.58	ppb
Iron	57-2	102852.31	105935.52	103865.14	104217.66	1.51	ppb
Iron	54-2	104287.37	105541.93	102592.03	104140.44	1.42	ppb
Krypton	83-1						cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :ICSAB007Instrumnet Name :P7

Client Sample ID :ICSAB007Dilution Factor :1

Date & Time Acquired :2024-11-13 18:01:52DataFile Name :016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.51	26.05	25.63	25.73	1.11	ppb
Lead	207-1	24.00	24.63	24.50	24.38	1.36	ppb
Lead	208-1	24.52	25.01	24.70	24.74	1.01	ppb
Lithium	6-1				91		%
Magnesium	24-2	98936.71	100277.82	96543.11	98585.88	1.92	ppb
Manganese	55-2	28.24	27.96	28.19	28.13	0.52	ppb
Molybdenum	94-1	1603.67	1620.19	1591.21	1605.02	0.91	ppb
Molybdenum	95-1	1959.23	1958.40	1911.67	1943.10	1.40	ppb
Molybdenum	96-1	1906.03	1929.04	1879.43	1904.83	1.30	ppb
Molybdenum	97-1	1942.94	1954.75	1943.06	1946.92	0.35	ppb
Molybdenum	98-1	1963.54	1954.12	1932.15	1949.94	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.01	25.53	25.40	25.65	1.26	ppb
Phosphorus	31-2	100368.95	101024.97	100052.78	100482.23	0.49	ppb
Potassium	39-2	98947.25	98557.00	98827.58	98777.28	0.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	20.42	20.16	19.98	20.19	1.09	ppb
Selenium	77-2	19.70	19.61	20.65	19.99	2.87	ppb
Selenium	78-2	19.40	19.13	19.10	19.21	0.86	ppb
Silicon	28-1	2.12	1.26	1.05	1.48	38.37	ppb
Silver	107-1	19.51	19.45	19.14	19.37	1.03	ppb
Silver	109-1	19.34	19.17	19.09	19.20	0.66	ppb
Sodium	23-2	100044.62	100653.67	97801.24	99499.84	1.51	ppb
Strontium	86-1	855.78	863.89	853.98	857.88	0.62	ppb
Strontium	88-1	869.80	859.20	866.71	865.24	0.63	ppb
Sulfur	34-1	96965.25	95080.51	95152.53	95732.76	1.12	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	20.46	20.86	20.68	20.66	0.98	ppb
Thallium	205-1	20.40	20.67	20.77	20.62	0.92	ppb
Tin	118-1	0.19	0.15	0.17	0.17	10.35	ppb
Titanium	47-1	2021.81	2007.07	2015.58	2014.82	0.37	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICSAB007 Instrumnet Name : P7
Client Sample ID : ICSAB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:01:52 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.94	ppb
Vanadium	51-2	20.34	20.16	20.03	20.18	0.77	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	32.92	32.57	32.00	32.49	1.42	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	51.94	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	23.76	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCV031

Instrumnet Name :

P7

Client Sample ID :

CCV031

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 18:15:35

DataFile Name :

017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48085.17	48515.43	49240.39	48613.66	1.20	ppb
Antimony	121-1	492.28	497.57	491.88	493.91	0.64	ppb
Arsenic	75-2	512.06	517.26	517.58	515.63	0.60	ppb
Barium	135-1	2459.39	2470.09	2464.05	2464.51	0.22	ppb
Barium	137-1	2434.94	2478.43	2458.58	2457.32	0.89	ppb
Beryllium	9-1	530.17	544.50	535.83	536.83	1.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.35	514.05	516.67	512.69	0.94	ppb
Cadmium	106-1	507.75	513.23	516.61	512.53	0.87	ppb
Cadmium	111-1	503.58	503.18	513.08	506.61	1.11	ppb
Calcium	43-1	252800.90	252702.83	256185.07	253896.27	0.78	ppb
Calcium	44-1	252605.02	253112.81	256926.53	254214.79	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.47	508.13	512.28	505.96	1.51	ppb
Cobalt	59-2	526.73	541.80	541.66	536.73	1.61	ppb
Copper	63-2	5019.05	5144.72	5199.73	5121.17	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	125140.13	129530.05	128733.63	127801.27	1.83	ppb
Iron	57-2	125302.84	127250.74	129343.83	127299.14	1.59	ppb
Iron	54-2	125162.37	127217.71	129549.87	127309.98	1.72	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV031 Instrumnet Name : P7
Client Sample ID : CCV031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:15:35 DataFile Name : 017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2562.44	2514.15	2542.67	2539.75	0.96	ppb
Lead	207-1	2541.78	2500.52	2524.96	2522.42	0.82	ppb
Lead	208-1	2553.52	2522.44	2531.53	2535.83	0.63	ppb
Lithium	6-1				91		%
Magnesium	24-2	255804.31	258958.32	260646.68	258469.77	0.95	ppb
Manganese	55-2	5028.15	5082.25	5126.59	5078.99	0.97	ppb
Molybdenum	94-1	4972.81	5015.88	4971.31	4986.67	0.51	ppb
Molybdenum	95-1	4937.01	5042.55	5002.95	4994.17	1.07	ppb
Molybdenum	96-1	4984.77	5021.86	5018.98	5008.54	0.41	ppb
Molybdenum	97-1	4927.29	5026.00	5027.89	4993.73	1.15	ppb
Molybdenum	98-1	4960.62	4983.04	5031.20	4991.62	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.73	527.92	528.69	525.78	0.83	ppb
Phosphorus	31-2	9975.78	10037.31	10267.32	10093.47	1.52	ppb
Potassium	39-2	119927.43	123840.77	125013.57	122927.26	2.17	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	502.99	504.44	508.34	505.26	0.55	ppb
Selenium	77-2	496.10	505.99	491.87	497.98	1.46	ppb
Selenium	78-2	509.93	509.01	509.23	509.39	0.09	ppb
Silicon	28-1	408.20	406.18	416.45	410.28	1.33	ppb
Silver	107-1	501.03	505.86	506.45	504.45	0.59	ppb
Silver	109-1	498.45	499.64	497.66	498.59	0.20	ppb
Sodium	23-2	242917.53	245661.08	249060.43	245879.68	1.25	ppb
Strontium	86-1	12655.62	12677.31	12735.97	12689.63	0.33	ppb
Strontium	88-1	12469.27	12607.45	12589.07	12555.26	0.60	ppb
Sulfur	34-1	10392.26	10230.72	10352.11	10325.03	0.81	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	515.08	511.79	508.50	511.79	0.64	ppb
Thallium	205-1	513.20	507.08	506.88	509.05	0.71	ppb
Tin	118-1	491.67	503.96	497.25	497.63	1.24	ppb
Titanium	47-1	4955.19	4908.75	5026.93	4963.62	1.20	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCV031

Instrumnet Name :

P7

Client Sample ID :

CCV031

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 18:15:35

DataFile Name :

017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	525.67	529.27	519.46	524.80	0.95	ppb
Vanadium	51-2	504.70	512.82	526.17	514.56	2.11	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	5066.13	5216.40	5267.06	5183.20	2.02	ppb
Zirconium	90-1	499.86	503.25	503.65	502.26	0.41	ppb
Zirconium	91-1	505.80	504.78	503.98	504.85	0.18	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :CCB031Instrumnet Name :P7

Client Sample ID :CCB031Dilution Factor :1

Date & Time Acquired :2024-11-13 18:21:48DataFile Name :018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.22	0.18	-0.04	0.12	115.60	ppb
Antimony	121-1	0.05	0.06	0.09	0.07	31.21	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	42.36	ppb
Barium	135-1	0.01	0.00	0.01	0.01	62.12	ppb
Barium	137-1	0.02	0.02	0.01	0.01	30.12	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	38.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-1.53	-2.03	-1.94	-1.83		ppb
Cadmium	111-1	-0.11	-0.14	-0.14	-0.13		ppb
Calcium	43-1	15.46	12.43	10.40	12.77	19.95	ppb
Calcium	44-1	17.35	14.61	15.16	15.71	9.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.17	-0.17	-0.18	-0.17		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	128.42	ppb
Copper	63-2	0.04	0.05	0.04	0.04	13.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	-1.46	-1.24	-1.48	-1.39		ppb
Iron	57-2	-2.36	-2.28	-2.83	-2.49		ppb
Iron	54-2	-1.68	-1.45	-1.17	-1.44		ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB031 Instrumnet Name : P7
Client Sample ID : CCB031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:21:48 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	14.47	ppb
Lead	207-1	0.03	0.03	0.02	0.03	12.38	ppb
Lead	208-1	0.03	0.02	0.02	0.03	19.28	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.07	1.30	1.20	1.19	9.32	ppb
Manganese	55-2	0.02	0.01	0.02	0.01	55.12	ppb
Molybdenum	94-1	0.03	0.06	0.06	0.05	26.83	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	22.86	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	16.50	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	2.29	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	11.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.04	0.02	0.01	216.02	ppb
Phosphorus	31-2	-14.95	-17.16	-15.69	-15.93		ppb
Potassium	39-2	13.49	16.37	13.06	14.30	12.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.19	-0.14	-0.43	-0.13		ppb
Selenium	77-2	0.00	0.00	0.09	0.03	173.21	ppb
Selenium	78-2	-0.26	0.07	-0.23	-0.14		ppb
Silicon	28-1	-5.26	-5.39	-3.46	-4.70		ppb
Silver	107-1	0.00	0.00	0.00	0.00	17.48	ppb
Silver	109-1	0.00	0.01	0.00	0.00	6.97	ppb
Sodium	23-2	30.26	31.64	30.34	30.75	2.53	ppb
Strontium	86-1	0.19	0.11	0.08	0.12	45.60	ppb
Strontium	88-1	0.33	0.28	0.28	0.30	10.85	ppb
Sulfur	34-1	-179.26	-210.15	-182.05	-190.49		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.03	0.03	6.82	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	7.50	ppb
Tin	118-1	0.17	0.16	0.15	0.16	7.26	ppb
Titanium	47-1	-0.28	-0.27	-0.22	-0.25		ppb

LB Number :LB133439

Operator :Jaswal

Lab Sample ID :CCB031

Instrumnet Name :P7

Client Sample ID :CCB031

Dilution Factor :1

Date & Time Acquired :2024-11-13 18:21:48

DataFile Name :018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	25.97	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	392.30	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.64	0.60	0.54	0.59	8.62	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	168.38	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00		ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-01DLX2Instrumnet Name :P7

Client Sample ID :MYE4W0Dilution Factor :2

Date & Time Acquired :2024-11-13 18:25:03DataFile Name :019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20838.59	20552.17	20499.85	20630.20	0.88	ppb
Antimony	121-1	1.35	1.40	1.40	1.38	2.21	ppb
Arsenic	75-2	87.20	83.29	85.27	85.25	2.30	ppb
Barium	135-1	306.33	314.20	311.10	310.54	1.28	ppb
Barium	137-1	301.68	308.30	306.34	305.44	1.11	ppb
Beryllium	9-1	0.83	0.93	0.91	0.89	6.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.06	2.18	2.38	2.21	7.38	ppb
Cadmium	106-1	2.54	2.45	2.73	2.57	5.51	ppb
Cadmium	111-1	1.77	1.68	1.81	1.75	3.84	ppb
Calcium	43-1	5001.30	5136.64	5152.79	5096.91	1.63	ppb
Calcium	44-1	4787.20	4948.32	4969.19	4901.57	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.49	50.93	51.57	51.33	0.68	ppb
Cobalt	59-2	28.99	28.84	28.95	28.93	0.27	ppb
Copper	63-2	189.16	185.81	186.09	187.02	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				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	57326.48	56633.23	56532.72	56830.81	0.76	ppb
Iron	57-2	55914.46	55777.20	55746.43	55812.70	0.16	ppb
Iron	54-2	57550.03	56268.43	56141.35	56653.27	1.38	ppb
Krypton	83-1						cps

LB Number :	LB133439	Operator :	Jaswal
Lab Sample ID :	P4524-01DLX2	Instrumnet Name :	P7
Client Sample ID :	MYE4W0	Dilution Factor :	2
Date & Time Acquired :	2024-11-13 18:25:03	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.46	60.36	61.16	60.66	0.72	ppb
Lead	207-1	60.01	60.92	61.81	60.91	1.48	ppb
Lead	208-1	60.36	60.56	61.01	60.64	0.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	11805.84	11720.56	11627.32	11717.91	0.76	ppb
Manganese	55-2	1206.89	1187.96	1195.82	1196.89	0.79	ppb
Molybdenum	94-1	16.82	17.30	17.38	17.17	1.74	ppb
Molybdenum	95-1	0.63	0.65	0.63	0.64	2.25	ppb
Molybdenum	96-1	2.67	2.76	2.74	2.72	1.77	ppb
Molybdenum	97-1	0.66	0.64	0.66	0.65	1.80	ppb
Molybdenum	98-1	0.62	0.65	0.65	0.64	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.79	61.96	61.73	62.16	0.89	ppb
Phosphorus	31-2	1307.61	1292.82	1297.50	1299.31	0.58	ppb
Potassium	39-2	3626.28	3591.41	3603.30	3607.00	0.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.21	0.71	0.49	0.47	54.10	ppb
Selenium	77-2	9.86	8.53	8.99	9.13	7.43	ppb
Selenium	78-2	2.09	2.22	2.74	2.35	14.67	ppb
Silicon	28-1	1230.88	1246.23	1245.88	1241.00	0.71	ppb
Silver	107-1	0.36	0.36	0.38	0.37	2.71	ppb
Silver	109-1	0.36	0.36	0.37	0.36	1.33	ppb
Sodium	23-2	94.32	93.18	94.91	94.13	0.93	ppb
Strontium	86-1	1295.51	1326.72	1336.12	1319.45	1.61	ppb
Strontium	88-1	1323.12	1333.97	1338.66	1331.92	0.60	ppb
Sulfur	34-1	-366.17	-428.75	-437.08	-410.67		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.32	0.33	0.33	2.73	ppb
Thallium	205-1	0.34	0.34	0.34	0.34	0.83	ppb
Tin	118-1	1.67	1.75	1.77	1.73	2.82	ppb
Titanium	47-1	545.59	557.85	549.26	550.90	1.14	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-01DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W0

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:25:03

DataFile Name :

019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.69	0.69	0.69	0.46	ppb
Vanadium	51-2	112.41	110.89	110.83	111.38	0.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	204.39	201.69	206.23	204.11	1.12	ppb
Zirconium	90-1	9.10	9.38	9.37	9.28	1.67	ppb
Zirconium	91-1	9.25	9.55	9.53	9.44	1.79	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-02DLX2Instrumnet Name :P7

Client Sample ID :MYE4W1Dilution Factor :2

Date & Time Acquired :2024-11-13 18:28:07DataFile Name :020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32359.52	32833.41	33009.53	32734.15	1.03	ppb
Antimony	121-1	0.84	0.89	0.89	0.87	3.68	ppb
Arsenic	75-2	95.35	95.66	93.17	94.73	1.43	ppb
Barium	135-1	456.02	473.38	465.86	465.09	1.87	ppb
Barium	137-1	456.06	471.95	459.72	462.57	1.80	ppb
Beryllium	9-1	1.19	1.14	1.30	1.21	6.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.47	1.39	1.42	3.38	ppb
Cadmium	106-1	1.48	1.52	1.93	1.65	15.12	ppb
Cadmium	111-1	0.67	0.70	0.74	0.70	4.85	ppb
Calcium	43-1	11889.41	11780.04	12132.33	11933.93	1.51	ppb
Calcium	44-1	11623.23	11404.76	11622.19	11550.06	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.40	62.61	63.42	62.81	0.86	ppb
Cobalt	59-2	33.33	33.41	34.05	33.60	1.18	ppb
Copper	63-2	122.77	122.67	121.73	122.39	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	63043.13	62663.06	63653.15	63119.78	0.79	ppb
Iron	57-2	62744.29	62634.43	62634.13	62670.95	0.10	ppb
Iron	54-2	63366.81	63033.28	63720.12	63373.41	0.54	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-02DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:28:07 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.89	30.95	31.79	31.21	1.61	ppb
Lead	207-1	30.32	30.07	30.94	30.44	1.48	ppb
Lead	208-1	30.36	30.14	31.10	30.53	1.64	ppb
Lithium	6-1				91		%
Magnesium	24-2	15384.39	15480.63	15532.94	15465.98	0.49	ppb
Manganese	55-2	1300.79	1292.41	1306.75	1299.99	0.55	ppb
Molybdenum	94-1	19.88	20.13	20.49	20.17	1.52	ppb
Molybdenum	95-1	0.50	0.51	0.52	0.51	2.19	ppb
Molybdenum	96-1	2.99	2.91	3.03	2.98	2.07	ppb
Molybdenum	97-1	0.51	0.48	0.51	0.50	2.94	ppb
Molybdenum	98-1	0.49	0.49	0.48	0.49	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.27	84.64	86.25	85.39	0.95	ppb
Phosphorus	31-2	1861.74	1888.56	1907.91	1886.07	1.23	ppb
Potassium	39-2	3415.96	3356.99	3468.58	3413.84	1.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.47	0.46	0.71	0.55	25.75	ppb
Selenium	77-2	16.57	14.90	15.06	15.51	5.92	ppb
Selenium	78-2	3.62	3.64	3.54	3.60	1.41	ppb
Silicon	28-1	1079.11	1072.12	1093.59	1081.61	1.01	ppb
Silver	107-1	0.21	0.21	0.22	0.21	2.03	ppb
Silver	109-1	0.21	0.20	0.22	0.21	3.54	ppb
Sodium	23-2	100.41	100.44	101.49	100.78	0.61	ppb
Strontium	86-1	2106.89	2126.55	2134.40	2122.61	0.67	ppb
Strontium	88-1	2110.64	2141.05	2121.78	2124.49	0.72	ppb
Sulfur	34-1	-687.60	-750.77	-748.84	-729.07		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.32	0.33	0.32	2.31	ppb
Thallium	205-1	0.32	0.32	0.33	0.32	2.25	ppb
Tin	118-1	1.53	1.62	1.62	1.59	3.45	ppb
Titanium	47-1	605.56	595.87	608.44	603.29	1.09	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-02DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W1

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:28:07

DataFile Name :

020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.86	0.85	0.56	ppb
Vanadium	51-2	125.13	124.15	125.47	124.92	0.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	159.52	160.34	162.00	160.62	0.79	ppb
Zirconium	90-1	10.89	11.08	11.22	11.07	1.51	ppb
Zirconium	91-1	11.03	11.15	11.25	11.14	0.99	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-03DLX2Instrumnet Name :P7

Client Sample ID :MYE4W2Dilution Factor :2

Date & Time Acquired :2024-11-13 18:31:11DataFile Name :021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28575.31	28748.81	29019.79	28781.31	0.78	ppb
Antimony	121-1	0.93	0.91	0.93	0.92	1.10	ppb
Arsenic	75-2	83.12	83.97	84.94	84.01	1.08	ppb
Barium	135-1	451.53	450.38	456.10	452.67	0.67	ppb
Barium	137-1	453.62	453.05	448.82	451.83	0.58	ppb
Beryllium	9-1	1.05	1.09	1.01	1.05	4.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.15	1.12	1.15	2.59	ppb
Cadmium	106-1	1.29	1.05	1.05	1.13	12.41	ppb
Cadmium	111-1	0.53	0.51	0.49	0.51	3.75	ppb
Calcium	43-1	7567.92	7602.93	7638.85	7603.23	0.47	ppb
Calcium	44-1	7320.05	7242.35	7307.07	7289.82	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.45	59.93	60.60	60.33	0.59	ppb
Cobalt	59-2	31.55	31.61	31.64	31.60	0.13	ppb
Copper	63-2	104.17	103.24	103.35	103.58	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	63465.57	62883.15	62983.82	63110.85	0.49	ppb
Iron	57-2	62146.01	61936.62	61902.09	61994.91	0.21	ppb
Iron	54-2	63680.83	62039.85	61668.40	62463.03	1.71	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-03DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W2 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:31:11 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.58	25.77	25.14	25.16	2.37	ppb
Lead	207-1	23.99	25.00	24.73	24.57	2.13	ppb
Lead	208-1	24.16	25.21	24.74	24.71	2.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	13523.51	13296.93	13268.24	13362.89	1.05	ppb
Manganese	55-2	1908.16	1869.28	1877.69	1885.04	1.09	ppb
Molybdenum	94-1	16.25	16.64	16.23	16.37	1.43	ppb
Molybdenum	95-1	0.55	0.57	0.56	0.56	2.25	ppb
Molybdenum	96-1	2.59	2.60	2.54	2.58	1.12	ppb
Molybdenum	97-1	0.52	0.57	0.55	0.54	4.51	ppb
Molybdenum	98-1	0.51	0.54	0.53	0.52	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.35	72.03	72.47	72.28	0.31	ppb
Phosphorus	31-2	1095.60	1102.25	1138.34	1112.06	2.07	ppb
Potassium	39-2	3671.75	3590.05	3699.55	3653.78	1.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.62	0.88	0.76	0.75	17.42	ppb
Selenium	77-2	11.94	11.03	10.39	11.12	7.00	ppb
Selenium	78-2	3.21	2.49	2.18	2.63	20.19	ppb
Silicon	28-1	1038.84	1038.72	1045.31	1040.96	0.36	ppb
Silver	107-1	0.21	0.21	0.22	0.21	1.69	ppb
Silver	109-1	0.20	0.20	0.21	0.20	1.60	ppb
Sodium	23-2	79.31	77.65	80.02	78.99	1.54	ppb
Strontium	86-1	2000.70	2051.61	2004.37	2018.89	1.41	ppb
Strontium	88-1	2006.94	2071.90	2014.27	2031.03	1.75	ppb
Sulfur	34-1	-913.49	-908.14	-917.69	-913.10		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.36	0.36	0.35	3.57	ppb
Thallium	205-1	0.34	0.35	0.36	0.35	2.41	ppb
Tin	118-1	1.36	1.36	1.37	1.36	0.45	ppb
Titanium	47-1	577.03	581.78	572.36	577.06	0.82	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-03DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W2

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:31:11

DataFile Name :

021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.78	0.76	0.76	1.98	ppb
Vanadium	51-2	129.21	128.22	129.13	128.85	0.43	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	125.06	124.15	125.08	124.77	0.43	ppb
Zirconium	90-1	8.90	9.11	8.95	8.99	1.17	ppb
Zirconium	91-1	9.07	9.29	9.02	9.13	1.58	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-04DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W3

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:34:16

DataFile Name :

022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20786.88	20198.16	20117.53	20367.52	1.79	ppb
Antimony	121-1	1.58	1.57	1.57	1.57	0.33	ppb
Arsenic	75-2	101.93	102.23	102.37	102.18	0.22	ppb
Barium	135-1	312.17	309.22	306.86	309.42	0.86	ppb
Barium	137-1	309.31	311.88	311.81	311.00	0.47	ppb
Beryllium	9-1	0.84	0.95	0.87	0.89	6.08	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.54	2.50	2.48	2.51	1.24	ppb
Cadmium	106-1	2.80	2.54	2.57	2.64	5.42	ppb
Cadmium	111-1	1.90	1.88	1.90	1.89	0.68	ppb
Calcium	43-1	4454.62	4494.57	4491.29	4480.16	0.50	ppb
Calcium	44-1	4267.87	4269.30	4260.73	4265.97	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.25	53.67	52.91	53.61	1.25	ppb
Cobalt	59-2	32.93	32.66	32.13	32.57	1.26	ppb
Copper	63-2	244.25	239.29	235.03	239.52	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	62486.76	61354.71	60153.88	61331.78	1.90	ppb
Iron	57-2	60754.17	60245.70	60012.02	60337.30	0.63	ppb
Iron	54-2	62291.52	60964.25	59723.12	60992.96	2.11	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-04DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W3 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:34:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.21	70.52	69.63	69.45	1.68	ppb
Lead	207-1	68.31	69.74	69.41	69.16	1.08	ppb
Lead	208-1	68.61	69.84	68.87	69.11	0.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	11611.99	11456.26	11294.24	11454.16	1.39	ppb
Manganese	55-2	1496.84	1473.56	1448.05	1472.82	1.66	ppb
Molybdenum	94-1	18.60	18.61	18.77	18.66	0.49	ppb
Molybdenum	95-1	0.71	0.72	0.73	0.72	1.38	ppb
Molybdenum	96-1	2.98	2.88	2.97	2.95	1.86	ppb
Molybdenum	97-1	0.72	0.70	0.74	0.72	3.28	ppb
Molybdenum	98-1	0.70	0.69	0.67	0.69	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.10	63.86	62.73	63.90	1.86	ppb
Phosphorus	31-2	1231.15	1183.18	1191.51	1201.95	2.13	ppb
Potassium	39-2	3993.10	3990.49	4008.89	3997.49	0.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.56	0.43	0.83	0.60	33.71	ppb
Selenium	77-2	11.98	10.64	10.14	10.92	8.72	ppb
Selenium	78-2	2.40	2.75	3.22	2.79	14.90	ppb
Silicon	28-1	1208.91	1243.43	1238.14	1230.16	1.51	ppb
Silver	107-1	0.49	0.49	0.49	0.49	0.35	ppb
Silver	109-1	0.48	0.48	0.48	0.48	0.83	ppb
Sodium	23-2	92.69	89.44	88.71	90.28	2.34	ppb
Strontium	86-1	1167.27	1155.00	1167.00	1163.09	0.60	ppb
Strontium	88-1	1182.58	1169.21	1164.94	1172.24	0.79	ppb
Sulfur	34-1	-847.16	-869.44	-853.68	-856.76		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.37	0.35	0.38	0.36	3.70	ppb
Thallium	205-1	0.36	0.37	0.37	0.36	1.16	ppb
Tin	118-1	1.69	1.69	1.70	1.69	0.49	ppb
Titanium	47-1	635.06	630.73	630.36	632.05	0.41	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-04DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W3

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:34:16

DataFile Name :

022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.75	0.75	0.74	2.60	ppb
Vanadium	51-2	119.82	115.97	116.60	117.46	1.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	212.12	207.79	205.34	208.42	1.65	ppb
Zirconium	90-1	10.20	10.02	10.13	10.12	0.88	ppb
Zirconium	91-1	10.28	10.19	10.19	10.22	0.52	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-05DLX2Instrumnet Name :P7

Client Sample ID :MYE4W4Dilution Factor :2

Date & Time Acquired :2024-11-13 18:37:17DataFile Name :023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20857.02	21473.77	21069.47	21133.42	1.48	ppb
Antimony	121-1	1.60	1.61	1.59	1.60	0.63	ppb
Arsenic	75-2	92.18	91.73	92.74	92.22	0.55	ppb
Barium	135-1	313.18	305.77	313.78	310.91	1.44	ppb
Barium	137-1	308.47	303.95	316.12	309.52	1.99	ppb
Beryllium	9-1	0.87	0.88	0.88	0.88	0.75	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	1.98	2.25	2.10	6.78	ppb
Cadmium	106-1	1.65	2.92	1.91	2.16	31.13	ppb
Cadmium	111-1	1.63	1.69	1.63	1.65	2.01	ppb
Calcium	43-1	4538.41	4653.58	4631.60	4607.86	1.33	ppb
Calcium	44-1	4350.88	4463.66	4412.11	4408.88	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.42	56.69	56.45	56.18	1.20	ppb
Cobalt	59-2	30.75	31.52	31.78	31.35	1.71	ppb
Copper	63-2	175.39	178.17	177.47	177.01	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				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	62312.11	64005.96	64177.82	63498.63	1.62	ppb
Iron	57-2	62358.28	63384.99	63949.95	63231.08	1.28	ppb
Iron	54-2	62086.79	63791.62	63944.63	63274.35	1.63	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-05DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W4 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:37:17 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.87	62.42	61.91	61.73	1.28	ppb
Lead	207-1	60.75	62.24	61.62	61.54	1.22	ppb
Lead	208-1	59.71	61.56	61.71	61.00	1.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	11385.57	11678.70	11388.54	11484.27	1.47	ppb
Manganese	55-2	1301.59	1343.60	1339.22	1328.14	1.74	ppb
Molybdenum	94-1	16.60	16.85	16.55	16.66	0.97	ppb
Molybdenum	95-1	0.75	0.75	0.75	0.75	0.28	ppb
Molybdenum	96-1	2.82	2.81	2.81	2.81	0.07	ppb
Molybdenum	97-1	0.72	0.73	0.73	0.73	0.88	ppb
Molybdenum	98-1	0.72	0.74	0.73	0.73	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.95	68.77	68.78	68.16	1.55	ppb
Phosphorus	31-2	1123.28	1161.46	1166.44	1150.39	2.05	ppb
Potassium	39-2	3513.77	3637.12	3577.52	3576.14	1.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.54	0.52	0.21	0.42	43.35	ppb
Selenium	77-2	9.68	11.33	10.70	10.57	7.88	ppb
Selenium	78-2	2.71	2.95	2.07	2.57	17.70	ppb
Silicon	28-1	1015.72	1033.02	1033.24	1027.33	0.98	ppb
Silver	107-1	0.34	0.36	0.33	0.34	3.64	ppb
Silver	109-1	0.32	0.33	0.35	0.33	4.26	ppb
Sodium	23-2	75.48	79.66	82.97	79.37	4.73	ppb
Strontium	86-1	1228.50	1233.55	1223.56	1228.54	0.41	ppb
Strontium	88-1	1211.48	1244.82	1221.83	1226.04	1.39	ppb
Sulfur	34-1	-891.32	-823.17	-854.06	-856.18		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.32	0.36	0.34	0.34	5.95	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	2.95	ppb
Tin	118-1	1.52	1.57	1.57	1.55	1.53	ppb
Titanium	47-1	555.34	566.82	561.52	561.23	1.02	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-05DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W4

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:37:17

DataFile Name :

023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.76	0.76	1.03	ppb
Vanadium	51-2	118.41	121.47	120.94	120.27	1.36	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	200.80	205.99	205.55	204.11	1.41	ppb
Zirconium	90-1	8.91	9.00	8.93	8.95	0.53	ppb
Zirconium	91-1	9.14	9.07	9.00	9.07	0.74	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:40:21 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21863.41	18841.32	20855.29	20520.00	7.50	ppb
Antimony	121-1	1.43	1.44	1.37	1.42	2.62	ppb
Arsenic	75-2	101.19	85.71	96.52	94.47	8.40	ppb
Barium	135-1	321.87	315.11	306.66	314.55	2.42	ppb
Barium	137-1	321.16	319.09	307.49	315.91	2.33	ppb
Beryllium	9-1	0.79	0.83	0.77	0.80	3.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.56	2.53	2.51	2.34	ppb
Cadmium	106-1	2.96	3.21	2.54	2.90	11.78	ppb
Cadmium	111-1	2.10	2.13	2.03	2.08	2.39	ppb
Calcium	43-1	6977.97	6891.12	6717.71	6862.27	1.93	ppb
Calcium	44-1	6683.81	6628.97	6468.08	6593.62	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.66	46.32	50.94	50.31	7.38	ppb
Cobalt	59-2	32.54	28.13	30.89	30.52	7.30	ppb
Copper	63-2	287.81	247.01	271.82	268.88	7.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	60631.20	51511.72	56688.84	56277.25	8.13	ppb
Iron	57-2	58810.34	50689.92	56420.25	55306.84	7.55	ppb
Iron	54-2	59455.36	51002.91	56852.77	55770.35	7.76	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:40:21 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.11	83.87	82.33	83.77	1.66	ppb
Lead	207-1	85.68	84.70	82.36	84.25	2.02	ppb
Lead	208-1	85.10	83.97	81.93	83.67	1.92	ppb
Lithium	6-1				92		%
Magnesium	24-2	12762.61	11132.93	12403.05	12099.53	7.08	ppb
Manganese	55-2	1296.50	1120.34	1240.36	1219.07	7.38	ppb
Molybdenum	94-1	21.51	21.22	20.97	21.23	1.27	ppb
Molybdenum	95-1	0.63	0.60	0.62	0.62	1.96	ppb
Molybdenum	96-1	3.14	3.14	3.08	3.12	1.10	ppb
Molybdenum	97-1	0.61	0.63	0.60	0.61	2.52	ppb
Molybdenum	98-1	0.62	0.60	0.59	0.60	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.02	58.54	64.42	63.66	7.52	ppb
Phosphorus	31-2	1441.37	1261.08	1392.96	1365.14	6.84	ppb
Potassium	39-2	3239.16	2787.25	3035.91	3020.77	7.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.60	0.13	0.61	0.44	61.60	ppb
Selenium	77-2	11.19	8.54	10.98	10.24	14.38	ppb
Selenium	78-2	2.75	2.51	2.11	2.46	13.02	ppb
Silicon	28-1	1312.66	1275.50	1243.48	1277.21	2.71	ppb
Silver	107-1	0.64	0.63	0.60	0.62	3.17	ppb
Silver	109-1	0.64	0.62	0.61	0.63	2.40	ppb
Sodium	23-2	89.59	73.79	86.46	83.28	10.04	ppb
Strontium	86-1	1471.48	1447.23	1435.28	1451.33	1.27	ppb
Strontium	88-1	1474.00	1464.47	1424.86	1454.44	1.79	ppb
Sulfur	34-1	-589.06	-679.57	-739.31	-669.31		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.30	0.30	0.30	3.32	ppb
Thallium	205-1	0.31	0.31	0.31	0.31	0.15	ppb
Tin	118-1	1.80	1.82	1.95	1.86	4.20	ppb
Titanium	47-1	608.40	597.49	583.93	596.61	2.05	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:40:21

DataFile Name :

024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.63	0.61	0.63	2.72	ppb
Vanadium	51-2	115.79	99.90	110.16	108.62	7.42	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	216.31	187.34	206.73	203.46	7.25	ppb
Zirconium	90-1	11.68	11.58	11.47	11.57	0.91	ppb
Zirconium	91-1	11.90	11.84	11.48	11.74	1.94	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-07DLX2Instrumnet Name :P7

Client Sample ID :MYE4W5DDilution Factor :2

Date & Time Acquired :2024-11-13 18:43:23DataFile Name :025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20916.18	21154.77	21454.15	21175.03	1.27	ppb
Antimony	121-1	1.38	1.39	1.37	1.38	0.86	ppb
Arsenic	75-2	97.40	97.45	98.12	97.66	0.41	ppb
Barium	135-1	311.97	309.12	307.24	309.44	0.77	ppb
Barium	137-1	305.63	315.71	299.75	307.03	2.63	ppb
Beryllium	9-1	0.82	0.81	0.87	0.83	4.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.50	2.42	2.36	2.43	2.90	ppb
Cadmium	106-1	3.79	3.23	2.41	3.14	22.07	ppb
Cadmium	111-1	2.02	2.07	2.00	2.03	1.84	ppb
Calcium	43-1	6644.55	6730.18	6693.44	6689.39	0.64	ppb
Calcium	44-1	6434.30	6515.53	6402.38	6450.74	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.08	50.30	51.28	50.55	1.27	ppb
Cobalt	59-2	30.86	30.68	31.40	30.98	1.21	ppb
Copper	63-2	272.30	277.89	278.08	276.09	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	56353.93	57545.74	57722.83	57207.50	1.30	ppb
Iron	57-2	55717.25	55468.02	57446.13	56210.47	1.92	ppb
Iron	54-2	55854.82	55853.03	57823.56	56510.47	2.01	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-07DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5D Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:43:23 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	117.16	116.77	118.65	117.53	0.85	ppb
Lead	207-1	116.80	117.33	117.13	117.09	0.23	ppb
Lead	208-1	116.75	117.65	118.06	117.49	0.57	ppb
Lithium	6-1				91		%
Magnesium	24-2	12057.95	12191.82	12366.51	12205.43	1.27	ppb
Manganese	55-2	1221.21	1245.37	1252.76	1239.78	1.33	ppb
Molybdenum	94-1	20.63	20.40	20.67	20.57	0.70	ppb
Molybdenum	95-1	0.60	0.60	0.58	0.59	2.29	ppb
Molybdenum	96-1	3.07	3.00	3.11	3.06	1.87	ppb
Molybdenum	97-1	0.59	0.60	0.62	0.60	2.51	ppb
Molybdenum	98-1	0.60	0.56	0.57	0.58	3.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.91	69.28	70.65	69.61	1.32	ppb
Phosphorus	31-2	1385.66	1369.99	1414.93	1390.19	1.64	ppb
Potassium	39-2	3002.40	3056.27	3088.02	3048.90	1.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.48	0.58	0.18	0.41	50.94	ppb
Selenium	77-2	8.28	8.58	10.78	9.21	14.83	ppb
Selenium	78-2	3.69	2.64	3.24	3.19	16.49	ppb
Silicon	28-1	1242.23	1247.16	1271.83	1253.74	1.26	ppb
Silver	107-1	0.63	0.63	0.62	0.63	1.11	ppb
Silver	109-1	0.62	0.61	0.59	0.61	2.26	ppb
Sodium	23-2	84.32	85.91	87.25	85.83	1.71	ppb
Strontium	86-1	1408.65	1392.66	1419.56	1406.96	0.96	ppb
Strontium	88-1	1423.12	1421.10	1440.14	1428.12	0.73	ppb
Sulfur	34-1	-712.04	-712.00	-735.30	-719.78		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.30	0.29	0.30	2.04	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	1.96	ppb
Tin	118-1	1.75	1.77	1.79	1.77	0.96	ppb
Titanium	47-1	575.12	583.94	576.83	578.63	0.81	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-07DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5D

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:43:23

DataFile Name :

025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.61	0.61	0.61	1.54	ppb
Vanadium	51-2	107.94	108.78	111.16	109.29	1.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	212.64	214.47	218.73	215.28	1.45	ppb
Zirconium	90-1	11.24	11.16	11.38	11.26	0.98	ppb
Zirconium	91-1	11.40	11.26	11.54	11.40	1.21	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06LDLX10 Instrumnet Name : P7
Client Sample ID : MYE4W5L Dilution Factor : 10
Date & Time Acquired : 2024-11-13 18:46:27 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4153.13	4221.03	4163.79	4179.32	0.87	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	0.70	ppb
Arsenic	75-2	19.51	19.11	18.74	19.12	2.00	ppb
Barium	135-1	58.55	58.42	58.81	58.59	0.33	ppb
Barium	137-1	59.62	58.80	58.39	58.94	1.06	ppb
Beryllium	9-1	0.11	0.19	0.13	0.14	27.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.45	0.55	0.54	0.52	10.51	ppb
Cadmium	106-1	0.61	-0.09	-0.98	-0.15		ppb
Cadmium	111-1	0.40	0.37	0.29	0.36	15.91	ppb
Calcium	43-1	1299.31	1314.24	1322.82	1312.12	0.91	ppb
Calcium	44-1	1270.42	1287.66	1251.10	1269.73	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.03	10.03	10.08	10.05	0.30	ppb
Cobalt	59-2	6.26	6.17	6.27	6.23	0.93	ppb
Copper	63-2	55.00	54.48	53.94	54.47	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	11428.51	11378.02	11117.63	11308.05	1.48	ppb
Iron	57-2	11410.79	11063.66	10992.34	11155.60	2.01	ppb
Iron	54-2	11190.75	11222.04	11187.60	11200.13	0.17	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06LDLX10 Instrumnet Name : P7
Client Sample ID : MYE4W5L Dilution Factor : 10
Date & Time Acquired : 2024-11-13 18:46:27 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.16	15.68	16.14	15.99	1.72	ppb
Lead	207-1	16.10	15.71	16.17	15.99	1.56	ppb
Lead	208-1	16.07	15.64	16.04	15.92	1.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	2396.63	2427.62	2442.82	2422.36	0.97	ppb
Manganese	55-2	250.81	249.37	249.30	249.83	0.34	ppb
Molybdenum	94-1	4.06	4.13	4.12	4.10	0.93	ppb
Molybdenum	95-1	0.12	0.13	0.13	0.13	3.98	ppb
Molybdenum	96-1	0.58	0.63	0.61	0.61	4.05	ppb
Molybdenum	97-1	0.11	0.11	0.11	0.11	2.99	ppb
Molybdenum	98-1	0.11	0.12	0.11	0.11	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.01	12.98	12.96	12.98	0.21	ppb
Phosphorus	31-2	267.76	265.48	261.99	265.08	1.10	ppb
Potassium	39-2	631.25	624.13	632.17	629.18	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.01	0.02	-0.23	-0.06		ppb
Selenium	77-2	1.98	1.62	1.29	1.63	21.23	ppb
Selenium	78-2	0.26	0.73	1.26	0.75	66.35	ppb
Silicon	28-1	240.63	244.05	240.06	241.58	0.89	ppb
Silver	107-1	0.12	0.12	0.12	0.12	2.19	ppb
Silver	109-1	0.11	0.12	0.11	0.12	3.55	ppb
Sodium	23-2	30.62	28.33	29.17	29.38	3.93	ppb
Strontium	86-1	282.26	289.45	282.76	284.83	1.41	ppb
Strontium	88-1	281.44	284.94	283.24	283.20	0.62	ppb
Sulfur	34-1	-870.05	-844.89	-868.88	-861.27		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.07	0.07	0.07	7.93	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	5.73	ppb
Tin	118-1	0.33	0.35	0.34	0.34	2.05	ppb
Titanium	47-1	111.84	112.49	112.76	112.36	0.42	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06LDLX10

Instrumnet Name :

P7

Client Sample ID :

MYE4W5L

Dilution Factor :

10

Date & Time Acquired :

2024-11-13 18:46:27

DataFile Name :

026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.11	0.12	0.12	3.45	ppb
Vanadium	51-2	22.01	21.77	21.80	21.86	0.61	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	42.14	41.83	41.19	41.72	1.16	ppb
Zirconium	90-1	2.24	2.27	2.24	2.25	0.63	ppb
Zirconium	91-1	2.26	2.33	2.21	2.27	2.77	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4524-08DLX2Instrumnet Name :P7

Client Sample ID :MYE4W5SDilution Factor :2

Date & Time Acquired :2024-11-13 18:49:35DataFile Name :027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21467.73	21357.88	21945.28	21590.30	1.45	ppb
Antimony	121-1	30.26	31.17	30.97	30.80	1.55	ppb
Arsenic	75-2	111.55	110.64	112.28	111.49	0.74	ppb
Barium	135-1	877.58	889.37	892.16	886.37	0.87	ppb
Barium	137-1	878.89	888.22	884.87	883.99	0.53	ppb
Beryllium	9-1	15.39	15.70	15.14	15.41	1.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	15.15	15.51	15.37	15.34	1.17	ppb
Cadmium	106-1	15.37	16.21	16.06	15.88	2.83	ppb
Cadmium	111-1	16.39	16.98	17.07	16.81	2.22	ppb
Calcium	43-1	6867.52	6947.04	6909.15	6907.90	0.58	ppb
Calcium	44-1	6716.57	6736.29	6617.17	6690.01	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.50	108.29	111.05	109.61	1.26	ppb
Cobalt	59-2	181.89	176.39	181.33	179.87	1.68	ppb
Copper	63-2	352.10	346.05	356.36	351.50	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	59485.90	58269.78	59550.43	59102.04	1.22	ppb
Iron	57-2	59124.21	57483.04	58833.43	58480.23	1.50	ppb
Iron	54-2	58941.27	58610.95	58592.17	58714.80	0.33	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-08DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5S

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:49:35

DataFile Name :

027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.17	91.56	91.05	90.60	1.39	ppb
Lead	207-1	90.58	91.71	91.12	91.14	0.62	ppb
Lead	208-1	90.08	91.22	91.27	90.86	0.74	ppb
Lithium	6-1				88		%
Magnesium	24-2	12343.02	12286.38	12698.00	12442.47	1.79	ppb
Manganese	55-2	1443.09	1423.70	1436.38	1434.39	0.69	ppb
Molybdenum	94-1	20.95	20.95	21.10	21.00	0.42	ppb
Molybdenum	95-1	0.69	0.67	0.65	0.67	3.07	ppb
Molybdenum	96-1	3.13	3.17	3.18	3.16	0.84	ppb
Molybdenum	97-1	0.63	0.64	0.66	0.64	2.25	ppb
Molybdenum	98-1	0.64	0.64	0.65	0.64	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	209.29	207.95	211.73	209.66	0.91	ppb
Phosphorus	31-2	1405.28	1403.81	1436.15	1415.08	1.29	ppb
Potassium	39-2	3104.90	3127.80	3210.78	3147.82	1.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	33.58	33.95	34.53	34.02	1.41	ppb
Selenium	77-2	43.57	42.78	46.92	44.42	4.95	ppb
Selenium	78-2	33.30	36.13	35.03	34.82	4.10	ppb
Silicon	28-1	1079.10	1111.24	1079.10	1089.82	1.70	ppb
Silver	107-1	12.75	13.08	12.95	12.93	1.28	ppb
Silver	109-1	12.72	12.98	13.02	12.90	1.28	ppb
Sodium	23-2	80.17	79.34	85.44	81.65	4.05	ppb
Strontium	86-1	1422.43	1445.71	1457.99	1442.04	1.25	ppb
Strontium	88-1	1419.70	1429.33	1460.65	1436.56	1.49	ppb
Sulfur	34-1	-753.03	-738.33	-784.45	-758.60		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	13.97	14.30	14.02	14.10	1.25	ppb
Thallium	205-1	14.01	14.28	14.00	14.10	1.13	ppb
Tin	118-1	1.77	1.83	1.85	1.82	2.28	ppb
Titanium	47-1	573.28	588.22	577.36	579.62	1.33	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-08DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5S

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:49:35

DataFile Name :

027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.64	0.64	0.63	0.54	ppb
Vanadium	51-2	255.28	255.06	258.83	256.39	0.82	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	361.32	351.34	363.83	358.83	1.84	ppb
Zirconium	90-1	11.27	11.40	11.45	11.37	0.83	ppb
Zirconium	91-1	11.33	11.68	11.65	11.56	1.69	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06MSDLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5SRE

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:52:37

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23948.37	24001.60	23813.40	23921.12	0.41	ppb
Antimony	121-1	147.31	150.81	150.07	149.40	1.23	ppb
Arsenic	75-2	154.34	152.18	152.30	152.94	0.80	ppb
Barium	135-1	3167.41	3300.44	3324.80	3264.22	2.60	ppb
Barium	137-1	3136.51	3272.50	3251.32	3220.11	2.27	ppb
Beryllium	9-1	73.73	75.58	78.26	75.86	3.00	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	68.76	70.60	70.42	69.92	1.45	ppb
Cadmium	106-1	66.22	71.01	68.43	68.55	3.49	ppb
Cadmium	111-1	73.61	77.76	78.29	76.55	3.35	ppb
Calcium	43-1	6569.89	6741.02	6710.08	6673.66	1.37	ppb
Calcium	44-1	6299.99	6483.35	6454.53	6412.62	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350.06	356.55	348.95	351.85	1.17	ppb
Cobalt	59-2	780.37	803.95	776.59	786.97	1.88	ppb
Copper	63-2	628.60	645.17	629.40	634.39	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	59957.31	59717.67	58767.38	59480.79	1.06	ppb
Iron	57-2	58456.30	59318.64	58245.63	58673.52	0.97	ppb
Iron	54-2	59515.69	59676.62	58658.13	59283.48	0.92	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06MSDLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5SRE Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:52:37 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.02	112.35	112.38	112.25	0.18	ppb
Lead	207-1	109.29	112.35	113.02	111.56	1.78	ppb
Lead	208-1	109.29	112.34	112.76	111.46	1.70	ppb
Lithium	6-1				90		%
Magnesium	24-2	12511.22	12509.02	12430.36	12483.54	0.37	ppb
Manganese	55-2	2003.98	1994.80	1947.69	1982.16	1.52	ppb
Molybdenum	94-1	20.09	20.38	20.53	20.34	1.11	ppb
Molybdenum	95-1	0.64	0.67	0.65	0.65	2.61	ppb
Molybdenum	96-1	3.04	3.12	3.07	3.07	1.36	ppb
Molybdenum	97-1	0.64	0.66	0.64	0.65	1.95	ppb
Molybdenum	98-1	0.64	0.66	0.65	0.65	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	823.12	839.00	812.59	824.91	1.61	ppb
Phosphorus	31-2	1419.90	1416.44	1407.31	1414.55	0.46	ppb
Potassium	39-2	3067.03	3060.29	3015.29	3047.54	0.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	157.17	157.63	158.87	157.89	0.56	ppb
Selenium	77-2	164.05	161.34	163.45	162.95	0.88	ppb
Selenium	78-2	160.48	159.32	159.31	159.70	0.42	ppb
Silicon	28-1	1043.42	1073.30	1073.14	1063.29	1.62	ppb
Silver	107-1	61.57	65.40	63.96	63.65	3.04	ppb
Silver	109-1	61.96	64.29	64.33	63.53	2.14	ppb
Sodium	23-2	80.89	80.95	78.56	80.13	1.70	ppb
Strontium	86-1	1380.47	1387.53	1398.90	1388.97	0.67	ppb
Strontium	88-1	1383.95	1406.88	1399.16	1396.66	0.84	ppb
Sulfur	34-1	-790.18	-760.33	-791.90	-780.80		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	69.76	70.53	71.25	70.52	1.06	ppb
Thallium	205-1	70.35	69.65	71.58	70.53	1.39	ppb
Tin	118-1	1.73	1.76	1.81	1.77	2.06	ppb
Titanium	47-1	553.82	568.97	566.54	563.11	1.45	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06MSDLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5SRE

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:52:37

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.61	0.60	0.50	ppb
Vanadium	51-2	838.04	849.54	836.99	841.52	0.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	948.87	946.40	945.24	946.84	0.20	ppb
Zirconium	90-1	10.97	11.18	11.26	11.14	1.36	ppb
Zirconium	91-1	10.95	11.31	11.23	11.16	1.69	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-12DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4Y1

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:55:28

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19586.87	19261.40	20190.31	19679.53	2.40	ppb
Antimony	121-1	1.58	1.59	1.59	1.59	0.31	ppb
Arsenic	75-2	104.12	105.67	105.98	105.26	0.95	ppb
Barium	135-1	271.48	269.94	277.64	273.02	1.49	ppb
Barium	137-1	274.21	275.94	277.02	275.72	0.51	ppb
Beryllium	9-1	1.09	1.03	1.03	1.05	3.03	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.55	2.32	2.47	2.45	4.69	ppb
Cadmium	106-1	2.61	2.31	2.09	2.34	11.12	ppb
Cadmium	111-1	2.14	2.21	2.08	2.14	3.11	ppb
Calcium	43-1	3842.68	3786.38	3855.23	3828.09	0.96	ppb
Calcium	44-1	3677.96	3691.08	3666.62	3678.55	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.79	58.60	59.69	59.03	0.99	ppb
Cobalt	59-2	33.52	32.82	34.54	33.63	2.56	ppb
Copper	63-2	262.70	253.96	267.87	261.51	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	71979.89	70295.42	72333.20	71536.17	1.52	ppb
Iron	57-2	70775.44	68226.77	71988.34	70330.18	2.73	ppb
Iron	54-2	71098.77	70048.79	71487.32	70878.29	1.05	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-12DLX2 Instrumnet Name : P7
Client Sample ID : MYE4Y1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:55:28 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.01	76.21	78.66	77.63	1.63	ppb
Lead	207-1	77.24	76.19	78.34	77.26	1.39	ppb
Lead	208-1	78.08	76.71	78.10	77.63	1.02	ppb
Lithium	6-1				92		%
Magnesium	24-2	10217.41	9982.01	10516.46	10238.63	2.62	ppb
Manganese	55-2	1769.20	1745.08	1786.71	1767.00	1.18	ppb
Molybdenum	94-1	14.87	14.90	15.04	14.94	0.61	ppb
Molybdenum	95-1	0.77	0.78	0.74	0.76	2.16	ppb
Molybdenum	96-1	2.60	2.69	2.70	2.66	1.96	ppb
Molybdenum	97-1	0.78	0.76	0.73	0.76	3.54	ppb
Molybdenum	98-1	0.75	0.77	0.74	0.75	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.48	57.78	59.93	59.06	1.92	ppb
Phosphorus	31-2	1097.64	1066.82	1113.13	1092.53	2.16	ppb
Potassium	39-2	4431.73	4418.94	4536.21	4462.29	1.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.56	0.55	0.38	0.50	19.65	ppb
Selenium	77-2	8.42	11.58	8.41	9.47	19.28	ppb
Selenium	78-2	2.99	1.54	2.29	2.27	31.97	ppb
Silicon	28-1	1174.59	1157.62	1171.32	1167.84	0.77	ppb
Silver	107-1	0.62	0.61	0.61	0.61	1.45	ppb
Silver	109-1	0.60	0.62	0.59	0.60	2.52	ppb
Sodium	23-2	82.88	77.78	84.50	81.72	4.29	ppb
Strontium	86-1	823.81	818.46	816.95	819.74	0.44	ppb
Strontium	88-1	828.04	846.86	827.44	834.11	1.32	ppb
Sulfur	34-1	-809.20	-807.57	-812.11	-809.62		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.41	0.39	0.42	0.41	4.20	ppb
Thallium	205-1	0.41	0.39	0.39	0.39	3.50	ppb
Tin	118-1	1.63	1.63	1.67	1.64	1.48	ppb
Titanium	47-1	707.03	720.26	716.01	714.43	0.95	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-12DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4Y1

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:55:28

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.76	0.79	0.78	2.03	ppb
Vanadium	51-2	146.98	146.51	147.24	146.91	0.25	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	222.07	216.54	228.63	222.42	2.72	ppb
Zirconium	90-1	8.02	7.97	7.99	7.99	0.30	ppb
Zirconium	91-1	8.09	8.12	8.09	8.10	0.22	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4543-03AInstrumnet Name :P7

Client Sample ID :MYE5F5AREDilution Factor :1

Date & Time Acquired :2024-11-13 18:58:40DataFile Name :030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36314.99	35880.53	34803.59	35666.37	2.18	ppb
Antimony	121-1	1.05	1.04	1.06	1.05	0.95	ppb
Arsenic	75-2	365.37	367.06	365.81	366.08	0.24	ppb
Barium	135-1	607.68	601.89	597.14	602.24	0.88	ppb
Barium	137-1	605.95	592.55	600.66	599.72	1.12	ppb
Beryllium	9-1	1.71	1.91	1.81	1.81	5.45	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.42	2.37	2.39	2.40	1.13	ppb
Cadmium	106-1	3.18	1.97	3.05	2.73	24.34	ppb
Cadmium	111-1	1.77	1.70	1.79	1.75	2.94	ppb
Calcium	43-1	10475.27	10666.50	10427.25	10523.00	1.20	ppb
Calcium	44-1	10144.20	10113.68	10176.96	10144.95	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.13	96.59	93.88	95.20	1.42	ppb
Cobalt	59-2	45.80	46.47	45.08	45.79	1.52	ppb
Copper	63-2	208.11	209.93	209.04	209.03	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	89629.40	89461.60	86815.62	88635.54	1.78	ppb
Iron	57-2	87158.72	87927.88	86204.58	87097.06	0.99	ppb
Iron	54-2	89057.69	89339.23	87859.27	88752.06	0.89	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4543-03A Instrumnet Name : P7
Client Sample ID : MYE5F5ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:58:40 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	290.69	299.03	290.67	293.46	1.64	ppb
Lead	207-1	290.14	299.66	294.94	294.91	1.61	ppb
Lead	208-1	292.20	297.55	294.01	294.59	0.92	ppb
Lithium	6-1				91		%
Magnesium	24-2	16223.76	16155.84	15862.00	16080.54	1.20	ppb
Manganese	55-2	4219.78	4253.71	4133.75	4202.42	1.47	ppb
Molybdenum	94-1	19.68	19.55	19.97	19.73	1.09	ppb
Molybdenum	95-1	0.94	0.92	0.96	0.94	2.13	ppb
Molybdenum	96-1	3.35	3.29	3.46	3.37	2.56	ppb
Molybdenum	97-1	0.83	0.89	0.92	0.88	5.13	ppb
Molybdenum	98-1	0.88	0.88	0.87	0.88	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.14	86.33	83.77	84.74	1.63	ppb
Phosphorus	31-2	1737.07	1693.21	1687.79	1706.02	1.58	ppb
Potassium	39-2	7279.33	7429.11	7239.97	7316.13	1.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	0.69	0.77	0.59	0.68	13.28	ppb
Selenium	77-2	14.86	14.59	14.77	14.74	0.94	ppb
Selenium	78-2	4.10	3.61	2.55	3.42	23.24	ppb
Silicon	28-1	2967.65	2998.36	2913.34	2959.78	1.45	ppb
Silver	107-1	1.17	1.17	1.20	1.18	1.33	ppb
Silver	109-1	1.16	1.17	1.16	1.16	0.70	ppb
Sodium	23-2	146.09	146.37	143.42	145.29	1.12	ppb
Strontium	86-1	1653.35	1659.23	1657.08	1656.56	0.18	ppb
Strontium	88-1	1673.35	1655.98	1664.44	1664.59	0.52	ppb
Sulfur	34-1	-484.93	-520.38	-595.29	-533.53		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.45	0.47	0.45	0.46	2.36	ppb
Thallium	205-1	0.45	0.46	0.45	0.45	1.35	ppb
Tin	118-1	2.08	2.06	2.09	2.08	0.70	ppb
Titanium	47-1	769.38	775.84	768.17	771.13	0.53	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4543-03A

Instrumnet Name :

P7

Client Sample ID :

MYE5F5ARE

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 18:58:40

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.00	0.97	0.98	1.67	ppb
Vanadium	51-2	174.87	174.13	174.11	174.37	0.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	249.58	251.87	245.53	248.99	1.29	ppb
Zirconium	90-1	10.61	10.63	10.74	10.66	0.67	ppb
Zirconium	91-1	10.77	10.72	10.85	10.78	0.64	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4569-04DLX4Instrumnet Name :P7

Client Sample ID :MYE519Dilution Factor :4

Date & Time Acquired :2024-11-13 19:01:38DataFile Name :031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10329.39	10523.69	10157.27	10336.79	1.77	ppb
Antimony	121-1	0.92	0.93	0.91	0.92	1.02	ppb
Arsenic	75-2	57.28	57.87	57.60	57.58	0.51	ppb
Barium	135-1	135.08	134.58	135.65	135.10	0.40	ppb
Barium	137-1	135.52	135.02	134.83	135.12	0.27	ppb
Beryllium	9-1	0.42	0.45	0.51	0.46	10.15	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.20	1.32	1.22	7.40	ppb
Cadmium	106-1	1.14	0.93	0.12	0.73	73.41	ppb
Cadmium	111-1	0.99	0.92	0.89	0.93	5.31	ppb
Calcium	43-1	2090.51	2031.79	2054.50	2058.93	1.44	ppb
Calcium	44-1	1982.00	1956.32	1946.22	1961.51	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.21	28.33	27.97	28.17	0.65	ppb
Cobalt	59-2	16.55	16.47	16.35	16.46	0.61	ppb
Copper	63-2	123.24	126.04	123.11	124.13	1.33	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				105		%
Indium	115-2				100		%
Iron	56-2	34933.96	35189.66	34982.21	35035.28	0.39	ppb
Iron	57-2	34236.69	35037.21	34507.46	34593.79	1.18	ppb
Iron	54-2	34627.52	34741.69	34979.60	34782.94	0.52	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04DLX4 Instrumnet Name : P7
Client Sample ID : MYE519 Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:01:38 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.33	42.78	44.12	43.41	1.55	ppb
Lead	207-1	43.74	43.57	44.31	43.88	0.88	ppb
Lead	208-1	43.24	43.12	43.84	43.40	0.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	5466.90	5467.62	5215.95	5383.49	2.70	ppb
Manganese	55-2	673.55	671.92	677.99	674.49	0.47	ppb
Molybdenum	94-1	8.87	8.79	8.76	8.81	0.67	ppb
Molybdenum	95-1	0.36	0.38	0.39	0.38	3.01	ppb
Molybdenum	96-1	1.47	1.46	1.45	1.46	0.58	ppb
Molybdenum	97-1	0.38	0.40	0.38	0.39	2.43	ppb
Molybdenum	98-1	0.38	0.38	0.38	0.38	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.86	30.19	29.51	29.85	1.15	ppb
Phosphorus	31-2	541.86	529.78	533.82	535.16	1.15	ppb
Potassium	39-2	1927.36	1945.10	1919.84	1930.77	0.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.27	0.12	0.20	0.19	37.33	ppb
Selenium	77-2	5.17	5.28	4.81	5.09	4.87	ppb
Selenium	78-2	1.10	0.84	1.38	1.11	24.22	ppb
Silicon	28-1	692.31	659.21	677.16	676.23	2.45	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.83	ppb
Silver	109-1	0.28	0.29	0.28	0.28	1.83	ppb
Sodium	23-2	52.34	52.29	51.74	52.12	0.65	ppb
Strontium	86-1	495.10	486.53	490.07	490.56	0.88	ppb
Strontium	88-1	504.92	488.80	489.04	494.25	1.87	ppb
Sulfur	34-1	-834.52	-930.25	-903.06	-889.28		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.20	0.20	0.19	0.20	3.14	ppb
Thallium	205-1	0.19	0.19	0.20	0.19	3.37	ppb
Tin	118-1	1.18	1.15	1.18	1.17	1.45	ppb
Titanium	47-1	328.16	317.45	319.82	321.81	1.75	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-04DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:01:38

DataFile Name :

031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.32	0.34	0.33	1.70	ppb
Vanadium	51-2	69.82	69.12	68.28	69.08	1.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	114.25	114.75	112.11	113.70	1.23	ppb
Zirconium	90-1	4.80	4.69	4.74	4.74	1.21	ppb
Zirconium	91-1	4.83	4.78	4.81	4.81	0.51	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-05DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519D

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:04:46

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9779.76	10292.38	10082.95	10051.70	2.56	ppb
Antimony	121-1	0.93	0.95	0.96	0.95	1.83	ppb
Arsenic	75-2	55.52	56.29	57.84	56.55	2.09	ppb
Barium	135-1	134.02	139.20	141.64	138.29	2.81	ppb
Barium	137-1	134.65	138.62	141.53	138.27	2.50	ppb
Beryllium	9-1	0.43	0.45	0.47	0.45	3.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	1.05	1.13	1.07	5.66	ppb
Cadmium	106-1	0.02	1.06	0.72	0.60	88.99	ppb
Cadmium	111-1	0.88	0.99	0.98	0.95	6.15	ppb
Calcium	43-1	2074.99	2093.17	2104.23	2090.79	0.71	ppb
Calcium	44-1	2025.38	2029.42	2018.61	2024.47	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.74	27.66	27.45	27.29	1.76	ppb
Cobalt	59-2	15.71	15.97	16.18	15.95	1.50	ppb
Copper	63-2	117.89	121.41	120.80	120.03	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	33988.08	34424.80	34227.01	34213.30	0.64	ppb
Iron	57-2	32715.97	34079.26	33590.16	33461.80	2.06	ppb
Iron	54-2	33060.86	34606.79	34275.01	33980.88	2.40	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-05DLX4 Instrumnet Name : P7
Client Sample ID : MYE519D Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:04:46 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.72	44.68	44.87	44.75	0.22	ppb
Lead	207-1	45.17	44.62	45.27	45.02	0.77	ppb
Lead	208-1	44.74	44.31	44.61	44.55	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	5024.26	5345.72	5332.36	5234.11	3.47	ppb
Manganese	55-2	680.44	697.16	693.47	690.36	1.27	ppb
Molybdenum	94-1	9.11	8.91	8.95	8.99	1.21	ppb
Molybdenum	95-1	0.41	0.41	0.40	0.41	1.71	ppb
Molybdenum	96-1	1.52	1.53	1.54	1.53	0.66	ppb
Molybdenum	97-1	0.42	0.41	0.41	0.41	1.22	ppb
Molybdenum	98-1	0.40	0.39	0.40	0.40	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.08	29.02	28.83	28.64	1.73	ppb
Phosphorus	31-2	508.23	513.82	511.25	511.10	0.55	ppb
Potassium	39-2	1876.52	1923.35	1910.38	1903.42	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	0.18	-0.10	0.22	0.10	175.15	ppb
Selenium	77-2	4.82	4.27	5.25	4.78	10.21	ppb
Selenium	78-2	1.07	1.22	1.05	1.11	8.12	ppb
Silicon	28-1	727.52	685.78	683.38	698.89	3.55	ppb
Silver	107-1	0.28	0.29	0.29	0.29	2.83	ppb
Silver	109-1	0.27	0.29	0.29	0.28	3.78	ppb
Sodium	23-2	45.58	48.53	48.90	47.67	3.82	ppb
Strontium	86-1	502.25	506.99	501.89	503.71	0.56	ppb
Strontium	88-1	502.81	515.80	510.80	509.80	1.28	ppb
Sulfur	34-1	-744.74	-786.24	-777.65	-769.54		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.20	0.20	0.19	0.20	3.60	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	1.91	ppb
Tin	118-1	1.11	1.17	1.18	1.15	3.14	ppb
Titanium	47-1	322.70	327.15	328.36	326.07	0.91	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-05DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519D

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:04:46

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.34	0.34	0.34	1.55	ppb
Vanadium	51-2	65.52	68.37	67.44	67.11	2.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	108.16	110.50	112.21	110.29	1.84	ppb
Zirconium	90-1	4.83	4.84	4.81	4.82	0.31	ppb
Zirconium	91-1	4.85	4.87	4.91	4.88	0.64	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4569-04LDLX20Instrumnet Name :P7

Client Sample ID :MYE519LDilution Factor :20

Date & Time Acquired :2024-11-13 19:07:53DataFile Name :033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1947.86	2008.99	1997.72	1984.86	1.64	ppb
Antimony	121-1	0.18	0.19	0.17	0.18	3.32	ppb
Arsenic	75-2	11.65	11.47	11.17	11.43	2.09	ppb
Barium	135-1	26.26	27.06	26.19	26.51	1.82	ppb
Barium	137-1	26.30	26.89	26.45	26.55	1.14	ppb
Beryllium	9-1	0.05	0.09	0.09	0.07	31.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.26	0.20	0.23	14.22	ppb
Cadmium	106-1	-0.58	-0.65	-0.46	-0.56		ppb
Cadmium	111-1	0.15	0.15	0.14	0.15	2.52	ppb
Calcium	43-1	408.98	414.54	411.06	411.53	0.68	ppb
Calcium	44-1	403.77	404.34	407.14	405.08	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.31	5.51	5.52	5.44	2.18	ppb
Cobalt	59-2	3.16	3.23	3.17	3.19	1.23	ppb
Copper	63-2	23.74	24.18	24.11	24.01	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	6775.74	6860.54	6821.11	6819.13	0.62	ppb
Iron	57-2	6633.42	6769.86	6692.21	6698.50	1.02	ppb
Iron	54-2	6573.32	6779.97	6897.24	6750.18	2.43	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04LDLX20 Instrumnet Name : P7
Client Sample ID : MYE519L Dilution Factor : 20
Date & Time Acquired : 2024-11-13 19:07:53 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.50	8.54	8.69	8.58	1.13	ppb
Lead	207-1	8.59	8.56	8.82	8.65	1.62	ppb
Lead	208-1	8.54	8.48	8.68	8.56	1.20	ppb
Lithium	6-1				95		%
Magnesium	24-2	995.28	1018.63	1009.77	1007.89	1.17	ppb
Manganese	55-2	129.01	130.82	131.04	130.29	0.85	ppb
Molybdenum	94-1	1.72	1.80	1.71	1.74	2.73	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	2.10	ppb
Molybdenum	96-1	0.29	0.29	0.28	0.29	3.50	ppb
Molybdenum	97-1	0.07	0.07	0.09	0.08	9.85	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	4.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.64	5.80	5.74	5.73	1.43	ppb
Phosphorus	31-2	85.18	93.12	88.22	88.84	4.51	ppb
Potassium	39-2	388.96	399.12	398.12	395.40	1.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	-0.27	-0.32	-0.28	-0.29		ppb
Selenium	77-2	0.97	1.22	0.78	0.99	22.60	ppb
Selenium	78-2	-0.20	0.57	0.64	0.34	138.15	ppb
Silicon	28-1	127.68	127.23	131.25	128.72	1.71	ppb
Silver	107-1	0.05	0.06	0.05	0.06	6.37	ppb
Silver	109-1	0.05	0.06	0.06	0.06	4.17	ppb
Sodium	23-2	18.93	20.36	20.67	19.99	4.65	ppb
Strontium	86-1	96.50	98.22	96.37	97.03	1.06	ppb
Strontium	88-1	96.97	97.89	96.94	97.26	0.56	ppb
Sulfur	34-1	-791.87	-836.83	-785.44	-804.71		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	1.03	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.56	ppb
Tin	118-1	0.24	0.23	0.25	0.24	4.03	ppb
Titanium	47-1	63.52	63.27	64.30	63.70	0.85	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-04LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYE519L

Dilution Factor :

20

Date & Time Acquired :

2024-11-13 19:07:53

DataFile Name :

033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.06	0.06	4.35	ppb
Vanadium	51-2	13.11	13.41	13.40	13.31	1.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	22.10	22.39	22.31	22.27	0.66	ppb
Zirconium	90-1	0.92	0.93	0.93	0.93	0.93	ppb
Zirconium	91-1	0.94	0.94	0.97	0.95	1.58	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-06DLX4 Instrumnet Name : P7
Client Sample ID : MYE519S Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:11:07 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10530.75	10816.37	10939.28	10762.13	1.95	ppb
Antimony	121-1	19.12	18.97	19.60	19.23	1.72	ppb
Arsenic	75-2	64.77	65.76	65.28	65.27	0.76	ppb
Barium	135-1	483.85	488.78	497.07	489.90	1.36	ppb
Barium	137-1	480.48	469.29	487.90	479.22	1.95	ppb
Beryllium	9-1	9.29	9.10	9.19	9.19	1.04	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.58	9.65	9.77	9.67	1.00	ppb
Cadmium	106-1	8.53	8.84	8.68	8.68	1.79	ppb
Cadmium	111-1	10.01	10.05	10.40	10.15	2.15	ppb
Calcium	43-1	2055.43	2084.05	2084.27	2074.58	0.80	ppb
Calcium	44-1	2006.52	1956.29	2013.19	1992.00	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.23	65.05	65.38	64.55	1.79	ppb
Cobalt	59-2	107.39	109.37	111.04	109.26	1.68	ppb
Copper	63-2	168.93	168.52	174.75	170.73	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	35584.36	36300.63	36728.76	36204.58	1.60	ppb
Iron	57-2	34692.95	35700.77	35469.25	35287.65	1.50	ppb
Iron	54-2	35369.64	35833.60	36146.34	35783.19	1.09	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-06DLX4 Instrumnet Name : P7
Client Sample ID : MYE519S Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:11:07 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.63	46.98	48.38	48.00	1.85	ppb
Lead	207-1	48.58	47.49	48.89	48.32	1.52	ppb
Lead	208-1	48.34	46.97	48.63	47.98	1.84	ppb
Lithium	6-1				96		%
Magnesium	24-2	5274.12	5394.83	5582.89	5417.28	2.87	ppb
Manganese	55-2	787.60	793.79	803.41	794.93	1.00	ppb
Molybdenum	94-1	8.80	8.84	8.95	8.86	0.87	ppb
Molybdenum	95-1	0.42	0.42	0.42	0.42	0.38	ppb
Molybdenum	96-1	1.53	1.49	1.49	1.50	1.43	ppb
Molybdenum	97-1	0.41	0.41	0.40	0.41	2.34	ppb
Molybdenum	98-1	0.42	0.42	0.41	0.42	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.74	120.95	122.49	120.73	1.56	ppb
Phosphorus	31-2	529.54	525.14	545.52	533.40	2.01	ppb
Potassium	39-2	1929.23	1972.79	1996.76	1966.26	1.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	20.28	20.32	20.85	20.48	1.55	ppb
Selenium	77-2	25.10	26.17	22.14	24.47	8.54	ppb
Selenium	78-2	21.02	20.50	20.89	20.80	1.30	ppb
Silicon	28-1	607.76	606.41	615.38	609.85	0.79	ppb
Silver	107-1	7.70	7.68	7.86	7.75	1.27	ppb
Silver	109-1	7.63	7.65	7.91	7.73	2.00	ppb
Sodium	23-2	46.91	48.42	49.21	48.18	2.43	ppb
Strontium	86-1	491.47	488.70	503.02	494.40	1.54	ppb
Strontium	88-1	502.51	492.09	501.29	498.63	1.14	ppb
Sulfur	34-1	-863.70	-836.00	-805.44	-835.05		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	8.96	8.80	9.06	8.94	1.50	ppb
Thallium	205-1	9.02	8.76	8.96	8.91	1.51	ppb
Tin	118-1	1.15	1.17	1.17	1.17	1.05	ppb
Titanium	47-1	311.91	317.22	317.31	315.48	0.98	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-06DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519S

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:11:07

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.33	0.33	0.33	0.33	1.38	ppb
Vanadium	51-2	156.01	157.33	159.73	157.69	1.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	203.15	207.12	209.47	206.58	1.55	ppb
Zirconium	90-1	4.80	4.74	4.82	4.79	0.79	ppb
Zirconium	91-1	4.82	4.81	4.86	4.83	0.50	ppb

LB Number :	LB133439	Operator :	Jaswal
Lab Sample ID :	P4569-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE519SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-13 19:14:10	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11521.55	11733.45	11684.93	11646.64	0.95	ppb
Antimony	121-1	79.45	79.40	77.97	78.94	1.07	ppb
Arsenic	75-2	86.86	85.36	88.26	86.83	1.67	ppb
Barium	135-1	1577.04	1603.83	1613.49	1598.12	1.18	ppb
Barium	137-1	1581.75	1586.54	1596.84	1588.38	0.49	ppb
Beryllium	9-1	36.73	35.72	37.08	36.51	1.95	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.45	36.62	37.66	36.91	1.78	ppb
Cadmium	106-1	35.69	34.69	35.77	35.38	1.70	ppb
Cadmium	111-1	40.28	40.47	40.22	40.32	0.32	ppb
Calcium	43-1	2003.91	2010.73	2029.71	2014.78	0.66	ppb
Calcium	44-1	1937.98	1962.78	1952.15	1950.97	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.55	177.76	179.22	178.84	0.53	ppb
Cobalt	59-2	390.14	395.98	406.52	397.55	2.09	ppb
Copper	63-2	300.48	299.58	307.69	302.58	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	35438.23	35734.31	35925.41	35699.32	0.69	ppb
Iron	57-2	34543.43	35311.54	35619.87	35158.28	1.58	ppb
Iron	54-2	34996.75	35424.38	35439.48	35286.87	0.71	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04MSDLX4 Instrumnet Name : P7
Client Sample ID : MYE519SRE Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:14:10 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.93	59.01	59.26	58.73	1.20	ppb
Lead	207-1	57.67	59.26	59.33	58.75	1.60	ppb
Lead	208-1	57.95	58.52	58.46	58.31	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	5206.70	5287.57	5317.43	5270.57	1.09	ppb
Manganese	55-2	1037.90	1055.29	1054.63	1049.27	0.94	ppb
Molybdenum	94-1	8.63	8.78	8.77	8.73	0.96	ppb
Molybdenum	95-1	0.40	0.41	0.42	0.41	2.32	ppb
Molybdenum	96-1	1.51	1.50	1.49	1.50	0.78	ppb
Molybdenum	97-1	0.40	0.43	0.43	0.42	4.37	ppb
Molybdenum	98-1	0.43	0.43	0.41	0.42	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	402.87	416.61	416.64	412.04	1.93	ppb
Phosphorus	31-2	532.38	537.57	518.45	529.47	1.87	ppb
Potassium	39-2	1914.16	1895.49	1919.52	1909.73	0.66	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	85.99	86.57	84.78	85.78	1.06	ppb
Selenium	77-2	90.77	88.81	93.90	91.16	2.82	ppb
Selenium	78-2	85.18	85.08	87.92	86.06	1.87	ppb
Silicon	28-1	583.86	589.45	580.01	584.44	0.81	ppb
Silver	107-1	31.87	32.41	31.74	32.01	1.11	ppb
Silver	109-1	32.06	32.37	31.73	32.06	1.00	ppb
Sodium	23-2	51.63	53.97	53.51	53.03	2.34	ppb
Strontium	86-1	481.21	488.49	486.17	485.29	0.77	ppb
Strontium	88-1	487.79	491.84	485.25	488.30	0.68	ppb
Sulfur	34-1	-826.16	-857.34	-869.67	-851.06		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	36.81	37.23	37.82	37.29	1.36	ppb
Thallium	205-1	36.68	37.10	37.82	37.20	1.56	ppb
Tin	118-1	1.13	1.13	1.14	1.13	0.58	ppb
Titanium	47-1	307.25	308.47	310.27	308.66	0.49	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-04MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519SRE

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:14:10

DataFile Name :

035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.32	0.33	0.33	0.33	2.03	ppb
Vanadium	51-2	431.78	430.30	442.41	434.83	1.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	487.82	485.67	495.46	489.65	1.05	ppb
Zirconium	90-1	4.72	4.70	4.67	4.70	0.57	ppb
Zirconium	91-1	4.74	4.75	4.74	4.74	0.18	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-20 Instrumnet Name : P7
Client Sample ID : MYE554 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:17:08 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47131.81	43549.77	38534.24	43071.94	10.03	ppb
Antimony	121-1	3.47	3.56	3.54	3.52	1.27	ppb
Arsenic	75-2	255.02	234.62	211.16	233.60	9.40	ppb
Barium	135-1	527.95	529.23	531.88	529.69	0.38	ppb
Barium	137-1	518.26	520.14	530.39	522.93	1.25	ppb
Beryllium	9-1	1.61	1.66	1.49	1.58	5.47	ppb
Bismuth	209-1				111		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.66	4.84	4.81	4.77	1.97	ppb
Cadmium	106-1	5.75	5.29	5.06	5.37	6.47	ppb
Cadmium	111-1	3.66	3.72	3.81	3.73	1.99	ppb
Calcium	43-1	7559.78	7708.79	7771.43	7680.00	1.42	ppb
Calcium	44-1	7293.07	7281.63	7337.46	7304.05	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.66	116.67	105.84	117.06	9.75	ppb
Cobalt	59-2	73.69	67.82	60.99	67.50	9.41	ppb
Copper	63-2	550.66	510.04	452.63	504.44	9.76	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				109		%
Holmium	165-2				92		%
Indium	115-1				104		%
Indium	115-2				88		%
Iron	56-2	159165.92	145825.30	131587.05	145526.09	9.48	ppb
Iron	57-2	157470.56	143079.93	130435.64	143662.04	9.42	ppb
Iron	54-2	159584.76	145393.45	130429.82	145136.01	10.05	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-20

Instrumnet Name :

P7

Client Sample ID :

MYE554

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:17:08

DataFile Name :

036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	170.08	169.78	174.61	171.49	1.58	ppb
Lead	207-1	169.57	169.59	174.85	171.34	1.78	ppb
Lead	208-1	168.62	169.99	173.58	170.73	1.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	23969.71	22343.39	20079.93	22131.01	8.83	ppb
Manganese	55-2	3090.80	2840.83	2537.98	2823.20	9.81	ppb
Molybdenum	94-1	33.59	34.44	33.90	33.98	1.26	ppb
Molybdenum	95-1	1.46	1.46	1.48	1.47	0.66	ppb
Molybdenum	96-1	5.53	5.64	5.66	5.61	1.30	ppb
Molybdenum	97-1	1.46	1.52	1.49	1.49	2.11	ppb
Molybdenum	98-1	1.42	1.45	1.46	1.44	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.37	121.05	108.49	120.64	9.90	ppb
Phosphorus	31-2	2457.09	2238.98	2021.49	2239.19	9.73	ppb
Potassium	39-2	8920.73	8112.23	7379.82	8137.59	9.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	1.00	1.24	0.86	1.03	18.79	ppb
Selenium	77-2	23.21	17.97	17.37	19.52	16.47	ppb
Selenium	78-2	6.52	5.63	4.46	5.54	18.67	ppb
Silicon	28-1	2584.23	2595.00	2793.83	2657.69	4.44	ppb
Silver	107-1	1.74	1.77	1.78	1.76	1.40	ppb
Silver	109-1	1.73	1.76	1.78	1.76	1.35	ppb
Sodium	23-2	181.06	161.82	142.07	161.65	12.06	ppb
Strontium	86-1	1829.16	1863.40	1863.52	1852.03	1.07	ppb
Strontium	88-1	1822.89	1876.34	1872.07	1857.10	1.60	ppb
Sulfur	34-1	-696.69	-704.11	-707.58	-702.79		ppb
Terbium	159-1				108		%
Terbium	159-2				93		%
Thallium	203-1	0.71	0.70	0.72	0.71	1.10	ppb
Thallium	205-1	0.72	0.71	0.70	0.71	1.68	ppb
Tin	118-1	4.36	4.50	4.52	4.46	2.02	ppb
Titanium	47-1	1225.11	1242.57	1234.53	1234.07	0.71	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-20

Instrumnet Name :

P7

Client Sample ID :

MYE554

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:17:08

DataFile Name :

036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.31	1.33	1.30	2.68	ppb
Vanadium	51-2	323.10	292.20	264.91	293.40	9.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	496.58	457.69	411.19	455.15	9.39	ppb
Zirconium	90-1	17.83	18.30	18.34	18.16	1.55	ppb
Zirconium	91-1	18.11	18.60	18.84	18.52	2.01	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-02

Instrumnet Name :

P7

Client Sample ID :

MYE543D

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:20:07

DataFile Name :

037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27040.11	27482.29	26921.85	27148.08	1.09	ppb
Antimony	121-1	2.15	2.16	2.14	2.15	0.42	ppb
Arsenic	75-2	70.19	70.83	69.15	70.06	1.21	ppb
Barium	135-1	314.09	312.29	310.09	312.16	0.64	ppb
Barium	137-1	314.05	312.88	313.50	313.48	0.19	ppb
Beryllium	9-1	1.00	0.99	1.03	1.01	1.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.45	1.68	1.61	8.80	ppb
Cadmium	106-1	1.61	1.59	1.01	1.40	24.50	ppb
Cadmium	111-1	1.18	1.21	1.12	1.17	4.07	ppb
Calcium	43-1	7579.72	7728.59	7579.46	7629.26	1.13	ppb
Calcium	44-1	7294.67	7396.31	7241.15	7310.71	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.14	60.74	59.61	60.16	0.94	ppb
Cobalt	59-2	32.02	32.78	32.03	32.27	1.35	ppb
Copper	63-2	193.18	196.10	194.75	194.68	0.75	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				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	68156.40	68495.09	68068.67	68240.05	0.33	ppb
Iron	57-2	67263.71	67912.79	66909.15	67361.88	0.76	ppb
Iron	54-2	67026.24	68704.49	66842.34	67524.36	1.52	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-02 Instrumnet Name : P7
Client Sample ID : MYE543D Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:20:07 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.68	50.66	49.91	50.42	0.88	ppb
Lead	207-1	50.60	50.19	49.42	50.07	1.20	ppb
Lead	208-1	50.31	50.01	49.47	49.93	0.85	ppb
Lithium	6-1				95		%
Magnesium	24-2	12581.98	12769.04	12589.18	12646.73	0.84	ppb
Manganese	55-2	1589.76	1611.10	1591.94	1597.60	0.73	ppb
Molybdenum	94-1	14.06	13.95	13.71	13.91	1.29	ppb
Molybdenum	95-1	1.11	1.11	1.06	1.09	2.40	ppb
Molybdenum	96-1	2.80	2.93	2.78	2.84	2.83	ppb
Molybdenum	97-1	1.07	1.12	1.10	1.10	2.63	ppb
Molybdenum	98-1	1.07	1.09	1.06	1.07	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.19	50.67	49.77	50.21	0.90	ppb
Phosphorus	31-2	1679.98	1725.51	1690.06	1698.52	1.41	ppb
Potassium	39-2	6828.35	6893.31	6791.75	6837.80	0.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.48	0.47	0.46	0.47	1.94	ppb
Selenium	77-2	11.68	13.78	13.78	13.08	9.26	ppb
Selenium	78-2	3.01	2.79	3.14	2.98	5.92	ppb
Silicon	28-1	2044.72	2066.27	2040.71	2050.56	0.67	ppb
Silver	107-1	0.35	0.36	0.35	0.35	1.94	ppb
Silver	109-1	0.37	0.35	0.35	0.35	3.10	ppb
Sodium	23-2	152.21	153.10	149.40	151.57	1.28	ppb
Strontium	86-1	1245.55	1248.10	1242.04	1245.23	0.24	ppb
Strontium	88-1	1256.16	1249.18	1233.82	1246.39	0.92	ppb
Sulfur	34-1	-594.99	-632.90	-682.74	-636.88		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.29	0.27	0.28	4.17	ppb
Thallium	205-1	0.29	0.29	0.28	0.29	3.05	ppb
Tin	118-1	2.25	2.26	2.23	2.24	0.74	ppb
Titanium	47-1	674.50	684.02	677.92	678.81	0.71	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-02 Instrumnet Name : P7
Client Sample ID : MYE543D Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:20:07 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.80	0.78	0.80	2.02	ppb
Vanadium	51-2	106.12	106.66	105.47	106.09	0.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	234.33	237.93	232.60	234.95	1.16	ppb
Zirconium	90-1	7.14	7.25	7.32	7.24	1.30	ppb
Zirconium	91-1	7.34	7.51	7.36	7.40	1.22	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4571-01Instrumnet Name :P7

Client Sample ID :MYE543Dilution Factor :1

Date & Time Acquired :2024-11-13 19:23:13DataFile Name :038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28623.30	27906.33	27808.81	28112.81	1.58	ppb
Antimony	121-1	2.23	2.30	2.25	2.26	1.55	ppb
Arsenic	75-2	72.64	72.81	73.08	72.84	0.30	ppb
Barium	135-1	320.79	332.83	325.94	326.52	1.85	ppb
Barium	137-1	323.59	326.59	318.55	322.91	1.26	ppb
Beryllium	9-1	0.97	1.09	1.07	1.04	5.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.87	1.52	1.79	1.73	10.57	ppb
Cadmium	106-1	1.39	1.70	1.22	1.44	16.86	ppb
Cadmium	111-1	1.12	1.18	1.12	1.14	3.21	ppb
Calcium	43-1	7775.06	8055.51	7924.43	7918.33	1.77	ppb
Calcium	44-1	7487.68	7645.93	7661.09	7598.23	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.65	62.80	62.36	63.27	1.92	ppb
Cobalt	59-2	33.82	33.52	33.19	33.51	0.94	ppb
Copper	63-2	201.13	197.64	193.40	197.39	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	71718.53	71235.97	70174.52	71043.01	1.11	ppb
Iron	57-2	70416.84	68917.89	68870.62	69401.78	1.27	ppb
Iron	54-2	71205.56	69820.08	69074.72	70033.45	1.54	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01 Instrumnet Name : P7
Client Sample ID : MYE543 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:23:13 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.07	53.90	52.47	52.81	1.83	ppb
Lead	207-1	51.59	53.68	52.47	52.58	2.00	ppb
Lead	208-1	52.09	53.60	51.81	52.50	1.84	ppb
Lithium	6-1				96		%
Magnesium	24-2	13222.22	13015.28	12873.37	13036.95	1.35	ppb
Manganese	55-2	1668.24	1665.34	1643.43	1659.01	0.82	ppb
Molybdenum	94-1	14.36	14.76	14.30	14.47	1.71	ppb
Molybdenum	95-1	1.13	1.15	1.16	1.14	1.19	ppb
Molybdenum	96-1	2.87	2.93	2.92	2.91	1.15	ppb
Molybdenum	97-1	1.15	1.11	1.14	1.13	1.54	ppb
Molybdenum	98-1	1.09	1.12	1.09	1.10	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.59	52.83	52.69	53.04	0.92	ppb
Phosphorus	31-2	1770.09	1751.75	1746.87	1756.23	0.70	ppb
Potassium	39-2	7175.75	7081.42	6979.80	7078.99	1.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.61	0.48	0.20	0.43	48.15	ppb
Selenium	77-2	13.10	13.58	14.93	13.87	6.86	ppb
Selenium	78-2	2.26	2.52	3.03	2.60	15.07	ppb
Silicon	28-1	2026.26	2064.51	2016.40	2035.72	1.25	ppb
Silver	107-1	0.35	0.36	0.34	0.35	3.09	ppb
Silver	109-1	0.36	0.35	0.35	0.35	0.51	ppb
Sodium	23-2	164.18	156.97	154.41	158.52	3.20	ppb
Strontium	86-1	1265.29	1298.43	1304.67	1289.46	1.64	ppb
Strontium	88-1	1296.55	1297.37	1304.62	1299.51	0.34	ppb
Sulfur	34-1	-635.68	-665.81	-707.01	-669.50		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.29	0.28	0.28	0.28	0.62	ppb
Thallium	205-1	0.28	0.30	0.29	0.29	3.91	ppb
Tin	118-1	2.27	2.28	2.27	2.27	0.18	ppb
Titanium	47-1	701.77	705.28	713.49	706.85	0.85	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01

Instrumnet Name :

P7

Client Sample ID :

MYE543

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:23:13

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.84	0.84	2.22	ppb
Vanadium	51-2	110.18	109.63	108.09	109.30	0.99	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	246.22	243.61	242.36	244.07	0.81	ppb
Zirconium	90-1	7.48	7.62	7.60	7.57	1.04	ppb
Zirconium	91-1	7.48	7.60	7.70	7.59	1.43	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4571-01LX5Instrumnet Name :P7

Client Sample ID :MYE543LDilution Factor :5

Date & Time Acquired :2024-11-13 19:26:15DataFile Name :039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5297.38	5608.36	5453.11	5452.95	2.85	ppb
Antimony	121-1	0.41	0.42	0.42	0.42	2.31	ppb
Arsenic	75-2	14.01	14.42	14.22	14.22	1.45	ppb
Barium	135-1	59.33	60.60	59.89	59.94	1.06	ppb
Barium	137-1	59.84	60.42	59.71	59.99	0.63	ppb
Beryllium	9-1	0.18	0.20	0.15	0.17	13.17	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.33	0.22	0.28	20.19	ppb
Cadmium	106-1	0.19	0.02	-0.91	-0.24		ppb
Cadmium	111-1	0.22	0.20	0.14	0.19	24.34	ppb
Calcium	43-1	1514.98	1519.27	1513.43	1515.89	0.20	ppb
Calcium	44-1	1444.85	1492.46	1471.57	1469.63	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.75	12.21	11.91	11.96	1.94	ppb
Cobalt	59-2	6.41	6.65	6.46	6.51	1.90	ppb
Copper	63-2	38.96	39.52	39.17	39.22	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	13558.80	13847.43	13629.69	13678.64	1.10	ppb
Iron	57-2	13137.88	13710.32	13541.98	13463.39	2.19	ppb
Iron	54-2	13308.19	13891.78	13601.80	13600.59	2.15	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01LX5 Instrumnet Name : P7
Client Sample ID : MYE543L Dilution Factor : 5
Date & Time Acquired : 2024-11-13 19:26:15 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.70	9.90	9.87	9.82	1.07	ppb
Lead	207-1	9.65	9.64	9.81	9.70	1.00	ppb
Lead	208-1	9.61	9.71	9.73	9.68	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	2531.19	2651.77	2569.13	2584.03	2.39	ppb
Manganese	55-2	315.92	326.69	318.81	320.47	1.74	ppb
Molybdenum	94-1	2.75	2.58	2.63	2.65	3.38	ppb
Molybdenum	95-1	0.20	0.22	0.21	0.21	4.08	ppb
Molybdenum	96-1	0.58	0.55	0.55	0.56	3.54	ppb
Molybdenum	97-1	0.20	0.22	0.21	0.21	4.63	ppb
Molybdenum	98-1	0.21	0.21	0.21	0.21	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.12	10.45	10.11	10.23	1.89	ppb
Phosphorus	31-2	329.27	336.89	344.02	336.73	2.19	ppb
Potassium	39-2	1356.33	1411.33	1350.86	1372.84	2.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.09	-0.03	-0.37	-0.16		ppb
Selenium	77-2	2.42	3.33	2.70	2.81	16.59	ppb
Selenium	78-2	0.44	0.27	0.38	0.36	23.54	ppb
Silicon	28-1	386.30	404.22	403.01	397.84	2.52	ppb
Silver	107-1	0.07	0.07	0.07	0.07	0.68	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.22	ppb
Sodium	23-2	43.00	48.42	43.58	45.00	6.62	ppb
Strontium	86-1	244.65	242.37	242.63	243.22	0.51	ppb
Strontium	88-1	242.72	245.50	246.52	244.91	0.80	ppb
Sulfur	34-1	-808.16	-788.00	-815.99	-804.05		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.06	4.08	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.67	ppb
Tin	118-1	0.42	0.67	0.41	0.50	29.31	ppb
Titanium	47-1	131.46	132.87	132.96	132.43	0.63	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01LX5

Instrumnet Name :

P7

Client Sample ID :

MYE543L

Dilution Factor :

5

Date & Time Acquired :

2024-11-13 19:26:15

DataFile Name :

039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.16	0.15	2.59	ppb
Vanadium	51-2	20.87	21.38	21.06	21.10	1.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	46.95	48.58	47.91	47.82	1.71	ppb
Zirconium	90-1	1.35	1.41	1.40	1.38	2.16	ppb
Zirconium	91-1	1.38	1.36	1.47	1.41	4.38	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-03

Instrumnet Name :

P7

Client Sample ID :

MYE543S

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:29:26

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29260.93	29029.07	28824.70	29038.23	0.75	ppb
Antimony	121-1	75.99	74.14	74.93	75.02	1.24	ppb
Arsenic	75-2	98.77	97.78	99.46	98.67	0.85	ppb
Barium	135-1	1720.93	1711.52	1722.91	1718.46	0.35	ppb
Barium	137-1	1714.89	1700.06	1703.72	1706.22	0.45	ppb
Beryllium	9-1	36.15	35.18	36.19	35.84	1.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.46	33.10	33.03	33.20	0.69	ppb
Cadmium	106-1	33.25	32.54	32.64	32.81	1.17	ppb
Cadmium	111-1	36.45	36.55	36.60	36.54	0.21	ppb
Calcium	43-1	7865.91	7923.56	7804.65	7864.71	0.76	ppb
Calcium	44-1	7546.51	7510.88	7484.34	7513.91	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.81	207.54	201.48	204.94	1.52	ppb
Cobalt	59-2	399.08	400.07	391.33	396.82	1.21	ppb
Copper	63-2	373.97	372.24	370.16	372.12	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	71967.84	72065.48	68970.19	71001.17	2.48	ppb
Iron	57-2	70199.94	69595.62	69893.67	69896.41	0.43	ppb
Iron	54-2	70714.58	70656.08	69601.92	70324.19	0.89	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-03 Instrumnet Name : P7
Client Sample ID : MYE543S Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:29:26 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.55	66.99	66.01	66.19	1.11	ppb
Lead	207-1	65.60	66.43	66.39	66.14	0.70	ppb
Lead	208-1	65.44	66.48	66.08	66.00	0.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	12996.48	12836.19	12730.26	12854.31	1.04	ppb
Manganese	55-2	2010.95	2001.84	1945.16	1985.99	1.79	ppb
Molybdenum	94-1	13.49	13.80	13.75	13.68	1.22	ppb
Molybdenum	95-1	1.13	1.14	1.16	1.14	1.26	ppb
Molybdenum	96-1	2.83	2.88	2.86	2.86	0.96	ppb
Molybdenum	97-1	1.13	1.13	1.11	1.12	0.97	ppb
Molybdenum	98-1	1.11	1.15	1.12	1.13	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.53	417.82	424.63	421.00	0.81	ppb
Phosphorus	31-2	1767.74	1796.97	1774.82	1779.84	0.86	ppb
Potassium	39-2	7011.95	7063.03	7028.28	7034.42	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	76.51	78.60	78.70	77.94	1.59	ppb
Selenium	77-2	89.19	88.15	87.01	88.12	1.24	ppb
Selenium	78-2	79.14	74.31	82.00	78.49	4.95	ppb
Silicon	28-1	1774.39	1763.95	1764.34	1767.56	0.33	ppb
Silver	107-1	29.68	29.88	29.92	29.83	0.43	ppb
Silver	109-1	29.47	29.62	29.70	29.60	0.39	ppb
Sodium	23-2	158.56	156.80	153.68	156.34	1.58	ppb
Strontium	86-1	1254.03	1264.27	1269.23	1262.51	0.61	ppb
Strontium	88-1	1253.24	1255.12	1279.76	1262.71	1.17	ppb
Sulfur	34-1	-654.48	-651.08	-666.06	-657.21		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	33.94	34.36	34.57	34.29	0.93	ppb
Thallium	205-1	33.85	34.22	34.32	34.13	0.72	ppb
Tin	118-1	2.34	2.35	2.30	2.33	0.98	ppb
Titanium	47-1	686.54	684.51	684.31	685.12	0.18	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-03

Instrumnet Name :

P7

Client Sample ID :

MYE543S

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:29:26

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.83	0.82	0.82	1.36	ppb
Vanadium	51-2	457.11	454.10	454.38	455.20	0.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	627.15	619.43	616.78	621.12	0.87	ppb
Zirconium	90-1	7.13	7.11	7.20	7.15	0.64	ppb
Zirconium	91-1	7.09	7.26	7.18	7.18	1.16	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01MS Instrumnet Name : P7
Client Sample ID : MYE543SRE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:32:22 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33091.83	31608.19	33072.55	32590.86	2.61	ppb
Antimony	121-1	299.67	299.01	303.48	300.72	0.80	ppb
Arsenic	75-2	187.34	183.65	184.36	185.12	1.06	ppb
Barium	135-1	6248.33	6221.29	6288.19	6252.60	0.54	ppb
Barium	137-1	6201.17	6159.88	6239.51	6200.19	0.64	ppb
Beryllium	9-1	148.65	148.60	146.20	147.82	0.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	134.98	138.02	134.43	135.81	1.42	ppb
Cadmium	106-1	133.13	132.18	133.06	132.79	0.40	ppb
Cadmium	111-1	150.19	151.42	150.51	150.71	0.42	ppb
Calcium	43-1	7652.53	7746.97	7727.57	7709.02	0.65	ppb
Calcium	44-1	7350.91	7446.81	7414.90	7404.21	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	658.00	650.92	670.77	659.89	1.52	ppb
Cobalt	59-2	1580.65	1545.04	1590.81	1572.17	1.53	ppb
Copper	63-2	921.79	901.75	929.51	917.68	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	71975.63	70160.75	72989.75	71708.71	2.00	ppb
Iron	57-2	71253.35	70075.17	71493.83	70940.78	1.07	ppb
Iron	54-2	70762.93	70378.18	73833.16	71658.09	2.64	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01MS Instrumnet Name : P7
Client Sample ID : MYE543SRE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:32:22 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.50	111.71	115.12	113.11	1.58	ppb
Lead	207-1	107.39	108.69	112.17	109.42	2.26	ppb
Lead	208-1	110.21	110.11	112.28	110.86	1.10	ppb
Lithium	6-1				92		%
Magnesium	24-2	12867.37	12582.31	12925.05	12791.57	1.43	ppb
Manganese	55-2	3032.86	3025.64	3135.20	3064.57	2.00	ppb
Molybdenum	94-1	13.49	13.40	13.77	13.56	1.42	ppb
Molybdenum	95-1	1.12	1.15	1.13	1.14	1.05	ppb
Molybdenum	96-1	2.78	2.77	2.90	2.82	2.64	ppb
Molybdenum	97-1	1.10	1.11	1.10	1.10	0.58	ppb
Molybdenum	98-1	1.11	1.12	1.15	1.13	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1574.20	1561.97	1596.54	1577.57	1.11	ppb
Phosphorus	31-2	1734.27	1692.05	1727.34	1717.89	1.32	ppb
Potassium	39-2	6835.67	6942.87	6981.77	6920.10	1.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	326.94	329.66	332.52	329.70	0.85	ppb
Selenium	77-2	352.41	332.79	337.59	340.93	3.00	ppb
Selenium	78-2	336.21	331.20	333.82	333.74	0.75	ppb
Silicon	28-1	1709.59	1754.92	1734.42	1732.98	1.31	ppb
Silver	107-1	122.28	124.02	123.46	123.25	0.72	ppb
Silver	109-1	121.41	122.56	124.25	122.74	1.17	ppb
Sodium	23-2	154.46	152.05	156.51	154.34	1.44	ppb
Strontium	86-1	1216.57	1228.61	1236.82	1227.33	0.83	ppb
Strontium	88-1	1230.95	1257.84	1250.93	1246.57	1.12	ppb
Sulfur	34-1	-692.11	-735.77	-757.84	-728.57		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	147.74	147.42	151.97	149.05	1.70	ppb
Thallium	205-1	146.35	144.28	151.83	147.49	2.64	ppb
Tin	118-1	2.21	2.26	2.30	2.26	1.92	ppb
Titanium	47-1	670.68	666.32	674.11	670.37	0.58	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01MS

Instrumnet Name :

P7

Client Sample ID :

MYE543SRE

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:32:22

DataFile Name :

041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.83	0.82	2.04	ppb
Vanadium	51-2	1578.74	1562.87	1605.07	1582.23	1.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	1771.20	1739.18	1777.11	1762.50	1.16	ppb
Zirconium	90-1	7.02	7.04	7.23	7.09	1.65	ppb
Zirconium	91-1	7.06	7.24	7.31	7.20	1.78	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4573-07AREInstrumnet Name :P7

Client Sample ID :MYE5A2ADilution Factor :1

Date & Time Acquired :2024-11-13 19:35:14DataFile Name :042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34813.27	33744.98	35122.29	34560.18	2.09	ppb
Antimony	121-1	1.71	1.76	1.70	1.72	1.83	ppb
Arsenic	75-2	86.98	87.59	85.95	86.84	0.95	ppb
Barium	135-1	365.25	361.50	361.14	362.63	0.63	ppb
Barium	137-1	354.87	366.09	363.22	361.39	1.61	ppb
Beryllium	9-1	1.48	1.44	1.38	1.43	3.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.28	1.55	1.46	1.43	9.58	ppb
Cadmium	106-1	1.13	1.76	0.92	1.27	34.27	ppb
Cadmium	111-1	0.73	0.76	0.72	0.74	3.15	ppb
Calcium	43-1	9174.50	9168.91	9239.97	9194.46	0.43	ppb
Calcium	44-1	8816.28	8733.58	8874.64	8808.17	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.85	73.19	73.59	73.54	0.45	ppb
Cobalt	59-2	40.66	39.67	40.30	40.21	1.24	ppb
Copper	63-2	146.89	143.53	146.99	145.81	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	83435.23	82379.34	83269.52	83028.03	0.68	ppb
Iron	57-2	82563.80	81277.11	81066.26	81635.72	0.99	ppb
Iron	54-2	82764.11	82135.29	82227.70	82375.70	0.41	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4573-07ARE Instrumnet Name : P7
Client Sample ID : MYE5A2A Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:35:14 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.05	39.34	40.01	39.47	1.25	ppb
Lead	207-1	37.99	38.37	38.79	38.38	1.05	ppb
Lead	208-1	38.23	38.52	39.09	38.61	1.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	14486.32	14095.67	14485.65	14355.88	1.57	ppb
Manganese	55-2	1735.15	1705.74	1713.58	1718.16	0.89	ppb
Molybdenum	94-1	15.73	16.21	16.55	16.16	2.54	ppb
Molybdenum	95-1	0.91	0.98	0.94	0.94	3.79	ppb
Molybdenum	96-1	2.96	3.03	3.02	3.00	1.31	ppb
Molybdenum	97-1	0.92	0.98	0.96	0.95	3.30	ppb
Molybdenum	98-1	0.91	0.94	0.94	0.93	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.80	70.82	71.62	71.42	0.73	ppb
Phosphorus	31-2	1731.50	1725.60	1715.27	1724.12	0.48	ppb
Potassium	39-2	7244.98	7275.99	7194.77	7238.58	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.54	0.76	0.44	0.58	28.20	ppb
Selenium	77-2	15.46	14.71	16.81	15.66	6.80	ppb
Selenium	78-2	3.15	3.60	3.59	3.45	7.35	ppb
Silicon	28-1	2393.10	2448.12	2399.44	2413.55	1.25	ppb
Silver	107-1	0.25	0.23	0.23	0.24	5.58	ppb
Silver	109-1	0.24	0.23	0.22	0.23	4.28	ppb
Sodium	23-2	168.62	163.18	165.88	165.89	1.64	ppb
Strontium	86-1	1742.47	1771.78	1775.23	1763.16	1.02	ppb
Strontium	88-1	1764.94	1766.57	1784.04	1771.85	0.60	ppb
Sulfur	34-1	-734.26	-764.13	-782.45	-760.28		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.37	0.38	0.37	0.37	1.53	ppb
Thallium	205-1	0.38	0.37	0.37	0.37	2.08	ppb
Tin	118-1	2.30	2.33	2.31	2.32	0.73	ppb
Titanium	47-1	811.39	812.64	820.00	814.68	0.57	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4573-07ARE

Instrumnet Name :

P7

Client Sample ID :

MYE5A2A

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:35:14

DataFile Name :

042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.18	1.21	1.19	0.91	ppb
Vanadium	51-2	151.51	149.12	151.60	150.74	0.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	199.74	198.65	199.42	199.27	0.28	ppb
Zirconium	90-1	8.35	8.66	8.60	8.54	1.90	ppb
Zirconium	91-1	8.51	8.69	8.71	8.64	1.22	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4588-14RE

Instrumnet Name :

P7

Client Sample ID :

MYE5K5

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:38:15

DataFile Name :

043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33544.03	37517.80	36459.31	35840.38	5.74	ppb
Antimony	121-1	1.12	1.04	1.03	1.07	4.77	ppb
Arsenic	75-2	350.52	381.64	380.09	370.75	4.73	ppb
Barium	135-1	627.58	589.28	593.64	603.50	3.47	ppb
Barium	137-1	622.10	581.52	583.94	595.85	3.82	ppb
Beryllium	9-1	1.71	1.63	1.72	1.69	2.93	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.24	2.28	2.32	4.92	ppb
Cadmium	106-1	2.46	1.71	1.50	1.89	26.77	ppb
Cadmium	111-1	1.79	1.62	1.62	1.68	5.94	ppb
Calcium	43-1	10927.08	10336.30	10324.45	10529.27	3.27	ppb
Calcium	44-1	10478.92	10012.46	9918.90	10136.76	2.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.19	98.08	96.10	94.46	4.94	ppb
Cobalt	59-2	42.75	46.61	46.60	45.32	4.91	ppb
Copper	63-2	196.71	212.51	211.09	206.77	4.23	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				99		%
Indium	115-2				98		%
Iron	56-2	83294.64	91082.84	89557.71	87978.40	4.69	ppb
Iron	57-2	82336.91	90542.54	88257.93	87045.79	4.87	ppb
Iron	54-2	82467.98	91551.76	88126.37	87382.03	5.25	ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4588-14RE Instrumnet Name : P7
Client Sample ID : MYE5K5 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:38:15 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	322.23	300.78	309.02	310.67	3.48	ppb
Lead	207-1	318.55	303.24	310.13	310.64	2.47	ppb
Lead	208-1	321.26	300.11	306.50	309.29	3.51	ppb
Lithium	6-1				87		%
Magnesium	24-2	14857.54	16508.91	16298.71	15888.39	5.66	ppb
Manganese	55-2	3935.61	4323.21	4228.87	4162.56	4.86	ppb
Molybdenum	94-1	20.32	19.12	18.98	19.47	3.78	ppb
Molybdenum	95-1	0.99	0.93	0.91	0.95	4.41	ppb
Molybdenum	96-1	3.53	3.31	3.33	3.39	3.53	ppb
Molybdenum	97-1	0.96	0.87	0.89	0.91	5.23	ppb
Molybdenum	98-1	0.91	0.84	0.85	0.87	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.21	87.14	85.96	84.10	5.08	ppb
Phosphorus	31-2	1568.98	1731.82	1696.38	1665.73	5.14	ppb
Potassium	39-2	6805.67	7327.31	7227.88	7120.29	3.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	0.33	0.55	0.48	0.45	24.32	ppb
Selenium	77-2	12.23	14.99	15.70	14.30	12.82	ppb
Selenium	78-2	3.17	3.30	3.26	3.24	2.12	ppb
Silicon	28-1	3028.98	2864.09	2848.16	2913.75	3.44	ppb
Silver	107-1	1.15	1.11	1.10	1.12	2.46	ppb
Silver	109-1	1.15	1.06	1.09	1.10	4.38	ppb
Sodium	23-2	133.96	151.10	150.49	145.18	6.70	ppb
Strontium	86-1	1745.93	1624.99	1619.26	1663.40	4.30	ppb
Strontium	88-1	1752.42	1629.29	1640.08	1673.93	4.07	ppb
Sulfur	34-1	-362.17	-591.61	-616.64	-523.47		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.45	0.43	0.43	0.44	2.70	ppb
Thallium	205-1	0.46	0.42	0.41	0.43	5.48	ppb
Tin	118-1	2.35	2.08	2.08	2.17	7.21	ppb
Titanium	47-1	807.50	766.71	768.69	780.97	2.95	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4588-14RE

Instrumnet Name :

P7

Client Sample ID :

MYE5K5

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:38:15

DataFile Name :

043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	0.98	0.97	0.99	1.94	ppb
Vanadium	51-2	164.64	178.11	173.70	172.15	3.99	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	235.58	260.04	260.06	251.89	5.61	ppb
Zirconium	90-1	10.91	10.34	10.27	10.51	3.36	ppb
Zirconium	91-1	11.16	10.44	10.45	10.68	3.85	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :CCV032Instrumnet Name :P7

Client Sample ID :CCV032Dilution Factor :1

Date & Time Acquired :2024-11-13 19:46:28DataFile Name :045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47093.31	47204.38	46931.97	47076.55	0.29	ppb
Antimony	121-1	503.97	499.80	499.39	501.05	0.51	ppb
Arsenic	75-2	514.14	518.44	513.90	515.49	0.50	ppb
Barium	135-1	2488.42	2479.78	2464.43	2477.54	0.49	ppb
Barium	137-1	2496.57	2423.19	2434.85	2451.54	1.61	ppb
Beryllium	9-1	501.38	495.65	504.17	500.40	0.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	518.82	508.71	504.79	510.78	1.42	ppb
Cadmium	106-1	521.67	510.51	514.43	515.54	1.10	ppb
Cadmium	111-1	516.00	509.39	504.95	510.12	1.09	ppb
Calcium	43-1	249117.51	246724.52	251490.46	249110.83	0.96	ppb
Calcium	44-1	245392.08	248693.01	250060.09	248048.39	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.21	499.99	504.19	499.13	1.11	ppb
Cobalt	59-2	518.37	517.60	517.37	517.78	0.10	ppb
Copper	63-2	5091.41	5032.80	5019.68	5047.96	0.76	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				104		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	124200.62	123480.43	124361.92	124014.32	0.38	ppb
Iron	57-2	124219.61	124695.83	123248.79	124054.74	0.59	ppb
Iron	54-2	124929.86	123297.92	123537.72	123921.83	0.71	ppb
Krypton	83-1						cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCV032

Instrumnet Name :

P7

Client Sample ID :

CCV032

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:46:28

DataFile Name :

045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2505.01	2531.63	2557.49	2531.38	1.04	ppb
Lead	207-1	2516.55	2499.25	2534.56	2516.79	0.70	ppb
Lead	208-1	2507.94	2511.81	2529.92	2516.56	0.47	ppb
Lithium	6-1				94		%
Magnesium	24-2	248197.93	252331.58	251341.38	250623.63	0.86	ppb
Manganese	55-2	4939.91	4952.25	4902.64	4931.60	0.52	ppb
Molybdenum	94-1	4948.08	4993.01	5015.21	4985.43	0.69	ppb
Molybdenum	95-1	4944.71	4970.50	4999.09	4971.43	0.55	ppb
Molybdenum	96-1	4981.88	4994.13	4998.90	4991.63	0.18	ppb
Molybdenum	97-1	4950.41	4981.87	5033.17	4988.49	0.84	ppb
Molybdenum	98-1	4950.02	4982.30	5004.05	4978.79	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.93	504.98	512.83	512.25	1.36	ppb
Phosphorus	31-2	9725.92	9708.92	9669.82	9701.56	0.30	ppb
Potassium	39-2	118784.32	117710.34	116905.87	117800.18	0.80	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	512.39	510.32	513.75	512.15	0.34	ppb
Selenium	77-2	502.09	493.34	501.79	499.07	1.00	ppb
Selenium	78-2	500.77	501.92	500.09	500.92	0.18	ppb
Silicon	28-1	402.46	408.77	414.55	408.60	1.48	ppb
Silver	107-1	503.02	495.96	497.15	498.71	0.76	ppb
Silver	109-1	506.62	494.81	494.10	498.51	1.41	ppb
Sodium	23-2	238371.24	240872.17	241444.51	240229.31	0.68	ppb
Strontium	86-1	12646.24	12593.38	12708.31	12649.31	0.45	ppb
Strontium	88-1	12551.20	12662.80	12583.18	12599.06	0.46	ppb
Sulfur	34-1	10651.99	10459.64	10655.72	10589.12	1.06	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	509.05	506.06	500.79	505.30	0.83	ppb
Thallium	205-1	502.79	502.13	507.32	504.08	0.56	ppb
Tin	118-1	493.77	487.84	493.88	491.83	0.70	ppb
Titanium	47-1	4905.39	4907.77	4931.25	4914.81	0.29	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCV032

Instrumnet Name :

P7

Client Sample ID :

CCV032

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:46:28

DataFile Name :

045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.19	516.20	511.69	512.36	0.69	ppb
Vanadium	51-2	494.51	501.11	503.58	499.73	0.94	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	5054.24	5017.88	5026.56	5032.89	0.38	ppb
Zirconium	90-1	494.39	503.24	502.38	500.00	0.98	ppb
Zirconium	91-1	492.27	499.62	503.22	498.37	1.12	ppb

LB Number :LB133439Operator :Jaswal

Lab Sample ID :CCB032Instrumnet Name :P7

Client Sample ID :CCB032Dilution Factor :1

Date & Time Acquired :2024-11-13 19:50:20DataFile Name :046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.15	0.07	0.13	44.44	ppb
Antimony	121-1	0.07	0.10	0.14	0.10	33.64	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	230.79	ppb
Barium	135-1	0.02	0.01	0.00	0.01	90.04	ppb
Barium	137-1	0.01	0.01	0.01	0.01	42.06	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	103.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	0.03	0.00		ppb
Cadmium	106-1	-1.41	-1.02	-1.16	-1.20		ppb
Cadmium	111-1	-0.08	-0.06	-0.07	-0.07		ppb
Calcium	43-1	2.12	2.40	0.79	1.77	48.51	ppb
Calcium	44-1	0.69	-2.12	-1.35	-0.93		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.02	0.02	43.88	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.11	0.10	0.11	12.95	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				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.29	0.26	0.09	0.21	51.18	ppb
Iron	57-2	-0.59	-1.23	-1.40	-1.07		ppb
Iron	54-2	0.11	-0.57	-0.26	-0.24		ppb
Krypton	83-1						cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB032 Instrumnet Name : P7
Client Sample ID : CCB032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:50:20 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.03	0.03	10.86	ppb
Lead	207-1	0.04	0.04	0.03	0.04	11.74	ppb
Lead	208-1	0.05	0.04	0.04	0.04	11.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.21	0.37	-0.05	0.18	120.28	ppb
Manganese	55-2	0.02	0.00	-0.01	0.01	258.98	ppb
Molybdenum	94-1	0.09	0.07	0.09	0.08	10.43	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	12.05	ppb
Molybdenum	96-1	0.06	0.05	0.08	0.06	18.84	ppb
Molybdenum	97-1	0.06	0.05	0.07	0.06	14.54	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.06	9.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	-0.08	-0.08		ppb
Phosphorus	31-2	-14.61	-16.08	-15.02	-15.24		ppb
Potassium	39-2	11.84	12.00	8.64	10.82	17.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	-0.15	-0.30	-0.15	-0.20		ppb
Selenium	77-2	0.00	0.00	0.18	0.06	173.21	ppb
Selenium	78-2	-0.44	-0.08	-0.29	-0.27		ppb
Silicon	28-1	-6.59	-7.48	-7.14	-7.07		ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.84	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.31	ppb
Sodium	23-2	18.28	19.10	17.25	18.21	5.08	ppb
Strontium	86-1	0.01	-0.10	0.08	0.00		ppb
Strontium	88-1	0.06	0.04	0.05	0.05	14.36	ppb
Sulfur	34-1	-85.95	-153.93	-137.85	-125.91		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.06	0.06	10.80	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	6.83	ppb
Tin	118-1	0.01	0.02	0.03	0.02	33.04	ppb
Titanium	47-1	0.07	0.05	0.00	0.04	80.21	ppb

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCB032

Instrumnet Name :

P7

Client Sample ID :

CCB032

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:50:20

DataFile Name :

046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	34.70	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	108.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.12	0.04	0.07	0.07	53.26	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	27.70	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	87.49	ppb

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:25:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	450	500	451	10.72	cps
Antimony	121-1	67	97	83	82	18.28	cps
Arsenic	75-2	27	10	7	14	74.18	cps
Barium	135-1	277	240	220	246	11.70	cps
Barium	137-1	407	403	400	403	0.83	cps
Beryllium	9-1	100	56	44	67	44.09	cps
Bismuth	209-1	17542663	17513485	17540312	17532153	0.09	cps
Bismuth	209-2	14921017	14756061	15006596	14894558	0.85	cps
Bromine	81-1	16162	16159	15925	16082	0.84	cps
Bromine	81-2	157	180	127	154	17.31	cps
Cadmium	108-1	30	53	37	40	30.04	cps
Cadmium	106-1	10544	10167	10264	10325	1.90	cps
Cadmium	111-1	7436	7153	7242	7277	1.99	cps
Calcium	43-1	867	763	873	834	7.39	cps
Calcium	44-1	61200	61193	61381	61258	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5048	5201	5211	5153	1.78	cps
Cobalt	59-2	297	340	327	321	6.91	cps
Copper	63-2	2324	2204	2227	2251	2.83	cps
Dysprosium	156-1	57	63	70	63	10.52	cps
Dysprosium	156-2	20	37	17	24	43.83	cps
Erbium	164-1	123	127	120	123	2.70	cps
Erbium	164-2	67	100	113	93	25.75	cps
Gadolinium	160-1	157	140	157	151	6.37	cps
Gadolinium	160-2	1123	1283	1180	1196	6.79	cps
Holmium	165-1	31348436	31054827	31431418	31278227	0.63	cps
Holmium	165-2	22431946	22358687	22403962	22398199	0.17	cps
Indium	115-1	29186260	29364590	28958710	29169853	0.70	cps
Indium	115-2	10270820	10143775	10026182	10146926	1.21	cps
Iron	56-2	68676	67598	69610	68628	1.47	cps
Iron	57-2	2977	3004	2997	2993	0.46	cps
Iron	54-2	6335	6195	6118	6216	1.77	cps
Krypton	83-1	370	363	383	372	2.74	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:25:45 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1463	1340	1337	1380	5.23	cps
Lead	207-1	1057	1237	1260	1185	9.39	cps
Lead	208-1	5274	5631	5444	5449	3.27	cps
Lithium	6-1	3355452	3366036	3379412	3366967	0.36	cps
Magnesium	24-2	3157	3137	3017	3104	2.44	cps
Manganese	55-2	953	993	977	974	2.06	cps
Molybdenum	94-1	1537	1577	1353	1489	8.00	cps
Molybdenum	95-1	77	117	87	93	22.30	cps
Molybdenum	96-1	377	373	400	383	3.79	cps
Molybdenum	97-1	73	63	100	79	24.03	cps
Molybdenum	98-1	150	110	160	140	18.90	cps
Neodymium	150-1	37	33	23	31	22.31	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	1223	1260	1380	1288	6.36	cps
Phosphorus	31-2	270	237	217	241	11.18	cps
Potassium	39-2	84509	83896	83052	83819	0.87	cps
Rhodium	103-1	28929108	28724253	28534029	28729130	0.69	cps
Rhodium	103-2	16814075	17079812	16710700	16868196	1.13	cps
Scandium	45-1	17252046	17129914	17130923	17170961	0.41	cps
Scandium	45-2	1389505	1335615	1349732	1358284	2.06	cps
Selenium	82-1	1724	1868	1746	1779	4.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	547	537	543	542	0.94	cps
Silicon	28-1	1815605	1765423	1825071	1802033	1.78	cps
Silver	107-1	433	397	387	406	6.06	cps
Silver	109-1	247	263	277	262	5.73	cps
Sodium	23-2	68210	69268	68568	68682	0.78	cps
Strontium	86-1	713	653	650	672	5.30	cps
Strontium	88-1	587	510	590	562	8.05	cps
Sulfur	34-1	344363	347506	347782	346550	0.55	cps
Terbium	159-1	32764831	32670609	32408104	32614515	0.57	cps
Terbium	159-2	22392642	22057004	22073660	22174435	0.85	cps
Thallium	203-1	257	253	253	254	0.76	cps
Thallium	205-1	540	517	460	506	8.14	cps
Tin	118-1	4137	4161	4297	4198	2.06	cps
Titanium	47-1	2110	2304	2194	2202	4.40	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:25:45

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	27	30	27	12.51	cps
Vanadium	51-2	33	33	23	30	19.25	cps
Yttrium	89-1	40509768	40597964	40531581	40546438	0.11	cps
Yttrium	89-2	10130959	10134448	9985578	10083662	0.84	cps
Zinc	66-2	2814	2794	2727	2778	1.63	cps
Zirconium	90-1	3817	3864	3817	3833	0.70	cps
Zirconium	91-1	790	890	947	876	9.06	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:32:18 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10904	10290	10714	10636	2.95	cps
Antimony	121-1	53061	54436	53104	53534	1.46	cps
Arsenic	75-2	1563	1550	1553	1556	0.45	cps
Barium	135-1	61700	61579	60675	61318	0.91	cps
Barium	137-1	106253	107401	106243	106633	0.62	cps
Beryllium	9-1	2767	2672	2895	2778	4.02	cps
Bismuth	209-1	18192143	18182695	18094640	18156493	0.30	cps
Bismuth	209-2	15243958	15327704	15155860	15242507	0.56	cps
Bromine	81-1	16820	16226	16302	16449	1.96	cps
Bromine	81-2	130	180	150	153	16.41	cps
Cadmium	108-1	577	553	513	548	5.85	cps
Cadmium	106-1	11631	11134	11008	11258	2.93	cps
Cadmium	111-1	15054	14432	14918	14801	2.21	cps
Calcium	43-1	39384	39602	39174	39387	0.54	cps
Calcium	44-1	682215	687370	686568	685384	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27375	27472	27338	27395	0.25	cps
Cobalt	59-2	19276	19212	19099	19196	0.47	cps
Copper	63-2	27345	28063	27409	27606	1.44	cps
Dysprosium	156-1	50	73	53	59	21.43	cps
Dysprosium	156-2	20	33	20	24	31.49	cps
Erbium	164-1	187	133	150	157	17.41	cps
Erbium	164-2	113	120	77	103	22.58	cps
Gadolinium	160-1	193	183	147	174	14.09	cps
Gadolinium	160-2	1283	1340	1153	1259	7.60	cps
Holmium	165-1	32026602	31893065	31673366	31864345	0.56	cps
Holmium	165-2	22929395	22950193	22676830	22852139	0.67	cps
Indium	115-1	29654275	29943141	29979643	29859020	0.60	cps
Indium	115-2	10393646	10429195	10430932	10417924	0.20	cps
Iron	56-2	583530	585312	582963	583935	0.21	cps
Iron	57-2	16232	16619	16262	16371	1.32	cps
Iron	54-2	35158	34804	35676	35212	1.25	cps
Krypton	83-1	400	410	357	389	7.29	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:32:18 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17705	17261	17461	17476	1.27	cps
Lead	207-1	15045	15275	15179	15166	0.76	cps
Lead	208-1	69941	69413	69760	69705	0.38	cps
Lithium	6-1	3438501	3450081	3441185	3443256	0.18	cps
Magnesium	24-2	456052	449613	448143	451269	0.93	cps
Manganese	55-2	9173	9166	9286	9208	0.73	cps
Molybdenum	94-1	57753	57576	57750	57693	0.18	cps
Molybdenum	95-1	69480	69289	69423	69398	0.14	cps
Molybdenum	96-1	77323	77105	76679	77036	0.42	cps
Molybdenum	97-1	43177	43615	42181	42991	1.71	cps
Molybdenum	98-1	111128	111791	110971	111297	0.39	cps
Neodymium	150-1	30	33	20	28	24.98	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	5848	6148	6028	6008	2.51	cps
Phosphorus	31-2	1103	1140	1093	1112	2.21	cps
Potassium	39-2	656779	658590	656375	657248	0.18	cps
Rhodium	103-1	29341012	29516216	29366909	29408046	0.32	cps
Rhodium	103-2	17244191	17145465	17115358	17168338	0.39	cps
Scandium	45-1	17571874	17252929	17430837	17418547	0.92	cps
Scandium	45-2	1365100	1370745	1354736	1363527	0.60	cps
Selenium	82-1	4162	4106	4159	4142	0.77	cps
Selenium	77-2	180	150	220	183	19.16	cps
Selenium	78-2	1383	1197	1277	1286	7.28	cps
Silicon	28-1	1830724	1854188	1860414	1848442	0.85	cps
Silver	107-1	35864	35948	36289	36034	0.62	cps
Silver	109-1	33602	33997	34260	33953	0.98	cps
Sodium	23-2	767437	770068	774704	770736	0.48	cps
Strontium	86-1	9376	9607	9727	9570	1.86	cps
Strontium	88-1	77302	77570	76732	77201	0.55	cps
Sulfur	34-1	355058	354451	356915	355475	0.36	cps
Terbium	159-1	33232433	33333740	33627973	33398048	0.62	cps
Terbium	159-2	22766155	22843159	22845994	22818436	0.20	cps
Thallium	203-1	20833	20542	20372	20582	1.13	cps
Thallium	205-1	48369	47914	47493	47925	0.91	cps
Tin	118-1	114164	114665	113976	114269	0.31	cps
Titanium	47-1	19786	19145	19890	19607	2.06	cps

LB Number :LB133439

Operator :Jaswal

Lab Sample ID :S02

Instrumnet Name :P7

Client Sample ID :S02

Dilution Factor :1

Date & Time Acquired :2024-11-13 16:32:18

DataFile Name :006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	58330	59345	58735	58803	0.87	cps
Vanadium	51-2	47297	46859	47257	47138	0.51	cps
Yttrium	89-1	41909411	41534107	41281259	41574925	0.76	cps
Yttrium	89-2	10293588	10253078	10248138	10264935	0.24	cps
Zinc	66-2	13289	13560	13560	13470	1.16	cps
Zirconium	90-1	50657	51172	50450	50760	0.73	cps
Zirconium	91-1	11008	11465	11418	11297	2.23	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:35:33 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531414	526630	525290	527778	0.61	cps
Antimony	121-1	1274733	1326400	1317616	1306250	2.12	cps
Arsenic	75-2	70295	69720	70074	70030	0.41	cps
Barium	135-1	1518372	1553450	1545594	1539139	1.20	cps
Barium	137-1	2553373	2718940	2704071	2658795	3.45	cps
Beryllium	9-1	133350	137109	139525	136662	2.28	cps
Bismuth	209-1	18395289	18549923	18470212	18471808	0.42	cps
Bismuth	209-2	15374948	15724902	15107431	15402427	2.01	cps
Bromine	81-1	17127	16439	16599	16722	2.15	cps
Bromine	81-2	137	120	123	127	6.96	cps
Cadmium	108-1	26107	27540	26678	26775	2.69	cps
Cadmium	106-1	47822	48297	47260	47793	1.09	cps
Cadmium	111-1	360156	371911	369388	367151	1.69	cps
Calcium	43-1	379507	392996	386846	386450	1.75	cps
Calcium	44-1	5993891	6206116	6237481	6145829	2.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540083	541778	537352	539738	0.41	cps
Cobalt	59-2	879461	878969	875954	878128	0.22	cps
Copper	63-2	6617600	6590053	6588642	6598765	0.25	cps
Dysprosium	156-1	83	87	77	82	6.19	cps
Dysprosium	156-2	97	87	77	87	11.54	cps
Erbium	164-1	147	187	167	167	12.00	cps
Erbium	164-2	117	97	100	104	10.26	cps
Gadolinium	160-1	177	180	163	173	5.09	cps
Gadolinium	160-2	1290	1000	1103	1131	12.99	cps
Holmium	165-1	32103200	32533790	32194320	32277103	0.70	cps
Holmium	165-2	23296035	23417923	22692671	23135543	1.68	cps
Indium	115-1	29699299	29947326	29646786	29764470	0.54	cps
Indium	115-2	10386776	10523121	10270778	10393558	1.22	cps
Iron	56-2	24657440	24551267	24556173	24588293	0.24	cps
Iron	57-2	637267	637235	635879	636794	0.12	cps
Iron	54-2	1386737	1389790	1348700	1375075	1.66	cps
Krypton	83-1	353	303	373	343	10.50	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:35:33 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4025060	4203138	4127311	4118503	2.17	cps
Lead	207-1	3506591	3727196	3671641	3635143	3.16	cps
Lead	208-1	15984593	16807825	16577408	16456609	2.58	cps
Lithium	6-1	3679426	3657229	3622544	3653066	0.78	cps
Magnesium	24-2	4656572	4613252	4628203	4632676	0.47	cps
Manganese	55-2	4075806	4019563	4030242	4041870	0.74	cps
Molybdenum	94-1	4738955	4883178	4854398	4825510	1.58	cps
Molybdenum	95-1	6889110	7157726	7032703	7026513	1.91	cps
Molybdenum	96-1	7510295	7596475	7647450	7584740	0.91	cps
Molybdenum	97-1	4302553	4370023	4393361	4355313	1.08	cps
Molybdenum	98-1	10905997	11173033	11195153	11091394	1.45	cps
Neodymium	150-1	110	107	77	98	18.77	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	232801	227836	230085	230241	1.08	cps
Phosphorus	31-2	27401	27315	27204	27307	0.36	cps
Potassium	39-2	2818457	2796268	2844695	2819807	0.86	cps
Rhodium	103-1	28526941	29264235	29221724	29004300	1.43	cps
Rhodium	103-2	17223295	17381375	16932767	17179146	1.32	cps
Scandium	45-1	16989578	17192151	17297340	17159689	0.91	cps
Scandium	45-2	1356671	1388836	1332891	1359466	2.07	cps
Selenium	82-1	23441	24274	24062	23925	1.81	cps
Selenium	77-2	2054	2080	1957	2030	3.20	cps
Selenium	78-2	7212	7215	7205	7211	0.07	cps
Silicon	28-1	3901876	3953725	3924634	3926745	0.66	cps
Silver	107-1	1798992	1826682	1826285	1817320	0.87	cps
Silver	109-1	1682291	1709812	1721178	1704427	1.17	cps
Sodium	23-2	7498601	7329297	7419748	7415882	1.14	cps
Strontium	86-1	420581	433297	430310	428063	1.55	cps
Strontium	88-1	3700146	3800863	3780112	3760373	1.41	cps
Sulfur	34-1	448428	453054	451513	450998	0.52	cps
Terbium	159-1	33217432	33682220	33253841	33384498	0.77	cps
Terbium	159-2	23092385	23552215	22422705	23022435	2.47	cps
Thallium	203-1	1004181	1034346	1042733	1027087	1.97	cps
Thallium	205-1	2389779	2487012	2509977	2462256	2.59	cps
Tin	118-1	1077414	1121913	1105824	1101717	2.05	cps
Titanium	47-1	1695357	1748268	1743457	1729027	1.69	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:35:33 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2999394	3109878	3110556	3073276	2.08	cps
Vanadium	51-2	457670	454754	457471	456632	0.36	cps
Yttrium	89-1	40836676	41132230	41025683	40998196	0.37	cps
Yttrium	89-2	10336055	10450870	10139697	10308874	1.53	cps
Zinc	66-2	1058416	1045650	1053443	1052503	0.61	cps
Zirconium	90-1	2294199	2335984	2355334	2328506	1.34	cps
Zirconium	91-1	505864	519813	516717	514131	1.42	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:38:28 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1271390	1286614	1285438	1281147	0.66	cps
Antimony	121-1	3236874	3236163	3271120	3248052	0.62	cps
Arsenic	75-2	168754	167365	167176	167765	0.51	cps
Barium	135-1	3842128	3869618	3875035	3862261	0.46	cps
Barium	137-1	6592391	6600277	6602801	6598490	0.08	cps
Beryllium	9-1	338387	342826	343907	341707	0.86	cps
Bismuth	209-1	18560453	18600975	18469609	18543679	0.36	cps
Bismuth	209-2	14791379	15082394	14921579	14931784	0.98	cps
Bromine	81-1	16059	16169	15648	15959	1.72	cps
Bromine	81-2	107	153	130	130	17.95	cps
Cadmium	108-1	65279	65350	64509	65046	0.72	cps
Cadmium	106-1	101568	102592	100511	101557	1.02	cps
Cadmium	111-1	880212	893061	895934	889736	0.94	cps
Calcium	43-1	912329	917236	916679	915414	0.29	cps
Calcium	44-1	14332947	14469986	14403850	14402261	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1294597	1280252	1281491	1285447	0.62	cps
Cobalt	59-2	2121211	2154304	2120870	2132129	0.90	cps
Copper	63-2	15872393	15946357	15587998	15802249	1.20	cps
Dysprosium	156-1	87	87	87	87	0.00	cps
Dysprosium	156-2	193	167	173	178	7.81	cps
Erbium	164-1	133	127	237	166	37.25	cps
Erbium	164-2	123	130	127	127	2.63	cps
Gadolinium	160-1	207	187	193	196	5.21	cps
Gadolinium	160-2	1097	1157	1167	1140	3.32	cps
Holmium	165-1	32219502	32210390	32644585	32358159	0.77	cps
Holmium	165-2	22634281	22481644	22599987	22571971	0.35	cps
Indium	115-1	29073437	29480472	29288401	29280770	0.70	cps
Indium	115-2	9895424	9928834	9868647	9897635	0.30	cps
Iron	56-2	59436666	58974654	59263394	59224905	0.39	cps
Iron	57-2	1475400	1468799	1472765	1472321	0.23	cps
Iron	54-2	3314897	3215450	3268483	3266277	1.52	cps
Krypton	83-1	353	327	380	353	7.55	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:38:28 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10298214	10252509	10346008	10298910	0.45	cps
Lead	207-1	8985026	9036026	9033025	9018026	0.32	cps
Lead	208-1	41026453	41340948	40984901	41117434	0.47	cps
Lithium	6-1	3692466	3650833	3742433	3695244	1.24	cps
Magnesium	24-2	11360804	11292487	11317562	11323618	0.31	cps
Manganese	55-2	9692069	9557419	9560561	9603349	0.80	cps
Molybdenum	94-1	11612159	11821384	11896099	11776547	1.25	cps
Molybdenum	95-1	17033586	17249655	17252163	17178468	0.73	cps
Molybdenum	96-1	18607187	18530526	18710451	18616055	0.49	cps
Molybdenum	97-1	10604318	10628050	10662220	10631529	0.27	cps
Molybdenum	98-1	27417235	27507360	27351699	27425432	0.28	cps
Neodymium	150-1	197	180	210	196	7.69	cps
Neodymium	150-2	67	60	60	62	6.19	cps
Nickel	60-2	606980	600466	600208	602551	0.64	cps
Phosphorus	31-2	65409	64817	65047	65091	0.46	cps
Potassium	39-2	6615568	6693540	6551336	6620148	1.08	cps
Rhodium	103-1	28331790	28410180	28619456	28453809	0.52	cps
Rhodium	103-2	16372345	16484949	16432489	16429927	0.34	cps
Scandium	45-1	16839096	16759566	16684816	16761159	0.46	cps
Scandium	45-2	1329715	1329773	1326761	1328750	0.13	cps
Selenium	82-1	54590	55394	55053	55012	0.73	cps
Selenium	77-2	4838	4721	4898	4819	1.86	cps
Selenium	78-2	16816	16543	16987	16782	1.33	cps
Silicon	28-1	6460807	6434357	6446649	6447271	0.21	cps
Silver	107-1	4440149	4476169	4424948	4447089	0.59	cps
Silver	109-1	4159922	4146709	4203867	4170166	0.72	cps
Sodium	23-2	17988858	18237063	17979872	18068598	0.81	cps
Strontium	86-1	1028708	1040959	1038967	1036211	0.63	cps
Strontium	88-1	9035937	9109228	9098827	9081331	0.44	cps
Sulfur	34-1	580681	577273	573476	577143	0.62	cps
Terbium	159-1	32925055	33575075	33813585	33437905	1.38	cps
Terbium	159-2	22337382	22416508	22236643	22330178	0.40	cps
Thallium	203-1	2587324	2571515	2599069	2585969	0.53	cps
Thallium	205-1	6158423	6177115	6186775	6174104	0.23	cps
Tin	118-1	2702261	2697605	2711172	2703679	0.25	cps
Titanium	47-1	4215660	4186176	4245158	4215665	0.70	cps

LB Number :LB133439

Operator :Jaswal

Lab Sample ID :S04

Instrumnet Name :P7

Client Sample ID :S04

Dilution Factor :1

Date & Time Acquired :2024-11-13 16:38:28

DataFile Name :008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7701114	7854299	7831602	7795671	1.06	cps
Vanadium	51-2	1104122	1100870	1096250	1100414	0.36	cps
Yttrium	89-1	39589509	40481646	40097209	40056121	1.12	cps
Yttrium	89-2	9808571	9879109	9898379	9862020	0.48	cps
Zinc	66-2	2515947	2546020	2456525	2506164	1.82	cps
Zirconium	90-1	5627695	5773185	5645485	5682122	1.40	cps
Zirconium	91-1	1248631	1270279	1264025	1260978	0.88	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:41:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2564555	2532158	2469897	2522203	1.91	cps
Antimony	121-1	6270220	6279055	6379607	6309628	0.96	cps
Arsenic	75-2	330138	324627	323700	326155	1.07	cps
Barium	135-1	7507340	7478081	7568824	7518082	0.62	cps
Barium	137-1	12766719	12913880	13027470	12902690	1.01	cps
Beryllium	9-1	654470	662735	658830	658678	0.63	cps
Bismuth	209-1	17812241	18238451	18140238	18063643	1.24	cps
Bismuth	209-2	14589129	14511895	14537869	14546298	0.27	cps
Bromine	81-1	15158	15054	14547	14920	2.19	cps
Bromine	81-2	127	140	123	130	6.78	cps
Cadmium	108-1	124838	126496	124784	125373	0.78	cps
Cadmium	106-1	183520	187092	185286	185299	0.96	cps
Cadmium	111-1	1690411	1714411	1715724	1706849	0.83	cps
Calcium	43-1	1676532	1719864	1688824	1695073	1.32	cps
Calcium	44-1	27409690	27597625	27650308	27552541	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2550310	2558741	2509624	2539558	1.03	cps
Cobalt	59-2	4060929	4058198	4073699	4064275	0.20	cps
Copper	63-2	30336998	30860605	30395105	30530903	0.94	cps
Dysprosium	156-1	160	137	127	141	12.12	cps
Dysprosium	156-2	340	327	320	329	3.10	cps
Erbium	164-1	190	177	197	188	5.42	cps
Erbium	164-2	123	100	173	132	28.34	cps
Gadolinium	160-1	187	237	210	211	11.85	cps
Gadolinium	160-2	1150	1120	1150	1140	1.52	cps
Holmium	165-1	31480753	32531905	32066520	32026393	1.64	cps
Holmium	165-2	22324451	22146001	22315986	22262146	0.45	cps
Indium	115-1	28117754	28732663	28272440	28374285	1.13	cps
Indium	115-2	9678578	9695973	9414204	9596252	1.65	cps
Iron	56-2	113921345	115226302	114719735	114622461	0.57	cps
Iron	57-2	2841620	2836269	2874220	2850703	0.72	cps
Iron	54-2	6414562	6367933	6361833	6381443	0.45	cps
Krypton	83-1	377	367	327	357	7.42	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:41:11 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20127658	20507358	20290300	20308439	0.94	cps
Lead	207-1	17802777	17862908	17885701	17850462	0.24	cps
Lead	208-1	80639349	81691249	81404239	81244946	0.67	cps
Lithium	6-1	3564894	3639990	3649589	3618158	1.28	cps
Magnesium	24-2	22174503	21997981	22068279	22080254	0.40	cps
Manganese	55-2	18945071	19053921	18635515	18878169	1.15	cps
Molybdenum	94-1	22768552	23062008	22884256	22904939	0.65	cps
Molybdenum	95-1	33147300	33696544	33267931	33370592	0.86	cps
Molybdenum	96-1	36190901	36513959	35896145	36200335	0.85	cps
Molybdenum	97-1	20630803	20763658	20500262	20631574	0.64	cps
Molybdenum	98-1	53274688	52981369	52718968	52991675	0.52	cps
Neodymium	150-1	407	427	347	393	10.59	cps
Neodymium	150-2	60	73	83	72	16.21	cps
Nickel	60-2	1154379	1144172	1144705	1147752	0.50	cps
Phosphorus	31-2	127003	127755	124387	126382	1.40	cps
Potassium	39-2	13051896	12847174	12789662	12896244	1.07	cps
Rhodium	103-1	27145380	27460696	27355725	27320600	0.59	cps
Rhodium	103-2	16010601	15921719	15647473	15859931	1.19	cps
Scandium	45-1	16063464	16131697	16108869	16101343	0.22	cps
Scandium	45-2	1305907	1295258	1290768	1297311	0.60	cps
Selenium	82-1	102855	103499	103362	103239	0.33	cps
Selenium	77-2	9196	9660	9146	9334	3.03	cps
Selenium	78-2	31788	31610	31684	31694	0.28	cps
Silicon	28-1	10035863	10018971	9906822	9987219	0.70	cps
Silver	107-1	8576340	8492985	8563553	8544293	0.53	cps
Silver	109-1	7995520	8086016	8116398	8065978	0.78	cps
Sodium	23-2	36060586	34821833	35016337	35299585	1.89	cps
Strontium	86-1	2046593	2055793	2070602	2057663	0.59	cps
Strontium	88-1	17718292	17865945	17671607	17751948	0.57	cps
Sulfur	34-1	774441	776377	767416	772745	0.61	cps
Terbium	159-1	32902486	32982266	33095664	32993472	0.29	cps
Terbium	159-2	22161066	22154926	22324256	22213416	0.43	cps
Thallium	203-1	5096887	5170746	5145967	5137867	0.73	cps
Thallium	205-1	12142354	12259220	12253688	12218421	0.54	cps
Tin	118-1	5300513	5240255	5297500	5279423	0.64	cps
Titanium	47-1	8200254	8193057	8021227	8138179	1.25	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:41:11 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15268840	15699160	15762112	15576704	1.72	cps
Vanadium	51-2	2158899	2198767	2157990	2171885	1.07	cps
Yttrium	89-1	38871844	39070350	38931229	38957808	0.26	cps
Yttrium	89-2	9675660	9559786	9442151	9559199	1.22	cps
Zinc	66-2	4828320	4895261	4798041	4840540	1.03	cps
Zirconium	90-1	11111232	11156022	11096944	11121400	0.28	cps
Zirconium	91-1	2426705	2485734	2449076	2453838	1.21	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:43:59 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4870042	4833981	4951804	4885276	1.24	cps
Antimony	121-1	12179254	12480492	12477614	12379120	1.40	cps
Arsenic	75-2	637990	636740	638646	637792	0.15	cps
Barium	135-1	14584364	14923697	14757872	14755311	1.15	cps
Barium	137-1	25166800	25441055	25141244	25249700	0.66	cps
Beryllium	9-1	1332114	1344773	1325782	1334223	0.72	cps
Bismuth	209-1	18645658	18073848	18002338	18240615	1.93	cps
Bismuth	209-2	14386482	14316262	14568587	14423777	0.90	cps
Bromine	81-1	14557	14364	14884	14602	1.80	cps
Bromine	81-2	123	110	110	114	6.73	cps
Cadmium	108-1	239830	244345	240597	241591	1.00	cps
Cadmium	106-1	343889	349168	347978	347012	0.80	cps
Cadmium	111-1	3254505	3345680	3314266	3304817	1.40	cps
Calcium	43-1	3244149	3282214	3278405	3268256	0.64	cps
Calcium	44-1	53183363	53979871	53415544	53526259	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4898025	4941798	4915446	4918423	0.45	cps
Cobalt	59-2	7883148	7930278	7935955	7916460	0.37	cps
Copper	63-2	59762277	59080391	59388741	59410470	0.57	cps
Dysprosium	156-1	250	300	237	262	12.73	cps
Dysprosium	156-2	690	623	690	668	5.76	cps
Erbium	164-1	240	283	260	261	8.31	cps
Erbium	164-2	173	163	167	168	3.03	cps
Gadolinium	160-1	267	310	240	272	12.98	cps
Gadolinium	160-2	1163	1083	1090	1112	3.99	cps
Holmium	165-1	32836075	32366799	31657409	32286761	1.84	cps
Holmium	165-2	22369134	22126348	22363244	22286242	0.62	cps
Indium	115-1	28647623	27945238	28177870	28256910	1.27	cps
Indium	115-2	9489492	9485391	9462581	9479154	0.15	cps
Iron	56-2	224391017	221905763	225076043	223790941	0.75	cps
Iron	57-2	5517787	5547090	5618516	5561131	0.93	cps
Iron	54-2	12289426	12261982	12225471	12258960	0.26	cps
Krypton	83-1	400	340	267	336	19.90	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:43:59 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39474758	39879688	39894568	39749671	0.60	cps
Lead	207-1	34784375	34951904	35120628	34952302	0.48	cps
Lead	208-1	158237138	159060135	160418054	159238443	0.69	cps
Lithium	6-1	3725009	3626224	3536215	3629149	2.60	cps
Magnesium	24-2	43200594	43054939	43010166	43088567	0.23	cps
Manganese	55-2	36873972	36527130	36882498	36761200	0.55	cps
Molybdenum	94-1	44473623	45184483	45054841	44904315	0.84	cps
Molybdenum	95-1	64298897	65708877	65103339	65037038	1.09	cps
Molybdenum	96-1	70107104	71496956	70682007	70762022	0.99	cps
Molybdenum	97-1	39974887	40489817	40791137	40418614	1.02	cps
Molybdenum	98-1	103171792	104969385	104910545	104350574	0.98	cps
Neodymium	150-1	497	630	570	566	11.81	cps
Neodymium	150-2	113	107	150	123	18.92	cps
Nickel	60-2	2077516	2095811	2079870	2084399	0.48	cps
Phosphorus	31-2	244656	244554	245297	244836	0.16	cps
Potassium	39-2	24894840	24943821	25216000	25018220	0.69	cps
Rhodium	103-1	27468100	26795460	26963648	27075736	1.29	cps
Rhodium	103-2	15557520	15482953	15633893	15558122	0.49	cps
Scandium	45-1	16197031	15755057	15829668	15927252	1.49	cps
Scandium	45-2	1270794	1284011	1292311	1282372	0.85	cps
Selenium	82-1	195690	196939	198089	196906	0.61	cps
Selenium	77-2	18298	18635	18148	18360	1.36	cps
Selenium	78-2	60941	60767	61490	61066	0.62	cps
Silicon	28-1	14720274	14741912	14845049	14769078	0.45	cps
Silver	107-1	16391396	16320975	16297226	16336532	0.30	cps
Silver	109-1	15376413	15676769	15580802	15544661	0.99	cps
Sodium	23-2	68896432	69726707	69515437	69379526	0.62	cps
Strontium	86-1	4022611	3967338	4027594	4005848	0.83	cps
Strontium	88-1	34687747	34719689	35157784	34855073	0.75	cps
Sulfur	34-1	1304707	1292178	1289127	1295337	0.64	cps
Terbium	159-1	33700209	32910126	32742184	33117506	1.54	cps
Terbium	159-2	21904027	21920965	22134271	21986421	0.58	cps
Thallium	203-1	9985586	10164477	9928989	10026351	1.23	cps
Thallium	205-1	23576700	23966086	24196025	23912937	1.31	cps
Tin	118-1	10213457	10295116	10323528	10277367	0.56	cps
Titanium	47-1	15574188	15849444	15768318	15730650	0.90	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:43:59 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30523043	31324164	31269990	31039066	1.44	cps
Vanadium	51-2	4259512	4271498	4271043	4267351	0.16	cps
Yttrium	89-1	40357457	38793083	38902375	39350972	2.22	cps
Yttrium	89-2	9520922	9441075	9521639	9494545	0.49	cps
Zinc	66-2	9431043	9301308	9416798	9383050	0.76	cps
Zirconium	90-1	21696380	21872519	22046053	21871651	0.80	cps
Zirconium	91-1	4788145	4864788	4841646	4831526	0.81	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:46:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9745149	9639950	9568497	9651199	0.92	cps
Antimony	121-1	24991350	25108587	24948615	25016184	0.33	cps
Arsenic	75-2	1274725	1273686	1271553	1273322	0.13	cps
Barium	135-1	29963197	29802789	29608938	29791641	0.60	cps
Barium	137-1	51267839	51955923	51354284	51526015	0.73	cps
Beryllium	9-1	2514813	2592729	2533252	2546932	1.60	cps
Bismuth	209-1	17687973	18140655	17653862	17827497	1.52	cps
Bismuth	209-2	14310394	14350436	14061586	14240805	1.10	cps
Bromine	81-1	14651	14684	14541	14625	0.51	cps
Bromine	81-2	167	133	127	142	15.07	cps
Cadmium	108-1	477237	484751	478947	480312	0.82	cps
Cadmium	106-1	677482	685260	681575	681439	0.57	cps
Cadmium	111-1	6478425	6592273	6503189	6524629	0.92	cps
Calcium	43-1	6632104	6665752	6550596	6616151	0.89	cps
Calcium	44-1	107675308	107497518	108025115	107732647	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9716086	9726409	9762508	9735001	0.25	cps
Cobalt	59-2	15661652	15632180	15647714	15647182	0.09	cps
Copper	63-2	117023135	116903068	115578835	116501679	0.69	cps
Dysprosium	156-1	500	453	400	451	11.09	cps
Dysprosium	156-2	1310	1223	1267	1267	3.42	cps
Erbium	164-1	413	437	387	412	6.07	cps
Erbium	164-2	287	263	237	262	9.54	cps
Gadolinium	160-1	327	340	357	341	4.41	cps
Gadolinium	160-2	1250	1317	1237	1268	3.38	cps
Holmium	165-1	32147460	32268319	31905993	32107257	0.57	cps
Holmium	165-2	22328473	21998911	22253173	22193519	0.78	cps
Indium	115-1	26913138	27783147	27070723	27255669	1.70	cps
Indium	115-2	9293611	9318643	9292550	9301601	0.16	cps
Iron	56-2	445386087	446226033	442607660	444739927	0.43	cps
Iron	57-2	11027707	11016589	11045525	11029940	0.13	cps
Iron	54-2	24567397	24790405	24676384	24678062	0.45	cps
Krypton	83-1	367	477	393	412	13.92	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:46:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	78932470	79812517	79537329	79427439	0.57	cps
Lead	207-1	69757329	70848014	70627371	70410905	0.82	cps
Lead	208-1	317549674	321544115	320686824	319926871	0.66	cps
Lithium	6-1	3375873	3436564	3377540	3396659	1.02	cps
Magnesium	24-2	87017122	86068407	86164044	86416524	0.60	cps
Manganese	55-2	73221251	73675114	72692914	73196426	0.67	cps
Molybdenum	94-1	90308879	91284525	90777955	90790453	0.54	cps
Molybdenum	95-1	130387791	132859731	132321341	131856288	0.99	cps
Molybdenum	96-1	142828995	143896375	143417441	143380937	0.37	cps
Molybdenum	97-1	81730740	82727450	82709434	82389208	0.69	cps
Molybdenum	98-1	211215230	210956010	211509970	211227070	0.13	cps
Neodymium	150-1	1230	1317	1127	1225	7.77	cps
Neodymium	150-2	273	247	320	280	13.26	cps
Nickel	60-2	4066971	4094598	4063473	4075014	0.42	cps
Phosphorus	31-2	481507	489291	484416	485071	0.81	cps
Potassium	39-2	49921679	50684836	49985966	50197494	0.84	cps
Rhodium	103-1	26324605	26451490	26156910	26311002	0.56	cps
Rhodium	103-2	15311399	15287011	15283695	15294035	0.10	cps
Scandium	45-1	15588248	15851516	15776400	15738721	0.86	cps
Scandium	45-2	1302203	1262440	1290501	1285048	1.59	cps
Selenium	82-1	387377	390159	389631	389056	0.38	cps
Selenium	77-2	36515	36398	36000	36304	0.74	cps
Selenium	78-2	120646	120246	120334	120409	0.17	cps
Silicon	28-1	31224236	31256075	30732659	31070990	0.94	cps
Silver	107-1	32593420	32572710	32267520	32477883	0.56	cps
Silver	109-1	30548252	30837965	30941656	30775958	0.66	cps
Sodium	23-2	135427758	136536391	136548121	136170757	0.47	cps
Strontium	86-1	8098399	8128142	7998924	8075155	0.84	cps
Strontium	88-1	69836571	71014444	70135012	70328676	0.87	cps
Sulfur	34-1	2121386	2153016	2126544	2133649	0.80	cps
Terbium	159-1	33093278	33206017	33181099	33160131	0.18	cps
Terbium	159-2	21995171	22108885	21883711	21995922	0.51	cps
Thallium	203-1	20271606	20148376	19988268	20136084	0.71	cps
Thallium	205-1	48342371	48447159	47597229	48128920	0.96	cps
Tin	118-1	20458376	20985616	20717175	20720389	1.27	cps
Titanium	47-1	31877488	31868336	31697017	31814280	0.32	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:46:43

DataFile Name :

011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	62365639	63176224	62649916	62730593	0.66	cps
Vanadium	51-2	8489940	8453310	8470863	8471371	0.22	cps
Yttrium	89-1	38529774	38814020	38550953	38631582	0.41	cps
Yttrium	89-2	9498018	9483786	9440961	9474255	0.31	cps
Zinc	66-2	18476786	18501353	18333872	18437337	0.49	cps
Zirconium	90-1	44245419	44558568	44531921	44445303	0.39	cps
Zirconium	91-1	9700488	9821133	9866582	9796067	0.88	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:49:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45016631	46109529	46085558	45737239	1.36	cps
Antimony	121-1	12172	13733	16500	14135	15.50	cps
Arsenic	75-2	647	620	690	652	5.42	cps
Barium	135-1	10057	10821	10027	10302	4.37	cps
Barium	137-1	17891	18592	17651	18045	2.71	cps
Beryllium	9-1	372	289	217	293	26.60	cps
Bismuth	209-1	14047663	14980540	16449951	15159384	7.99	cps
Bismuth	209-2	12042676	12073665	11976640	12030994	0.41	cps
Bromine	81-1	15512	16650	16019	16060	3.55	cps
Bromine	81-2	307	280	247	278	10.82	cps
Cadmium	108-1	230	197	203	210	8.40	cps
Cadmium	106-1	8516	8946	9793	9085	7.15	cps
Cadmium	111-1	6527	6775	7370	6890	6.29	cps
Calcium	43-1	27975349	29401378	29164910	28847212	2.65	cps
Calcium	44-1	458530193	475754273	476063206	470115891	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28988	30566	28039	29198	4.37	cps
Cobalt	59-2	37042	36962	36631	36879	0.59	cps
Copper	63-2	25776	25271	25108	25385	1.37	cps
Dysprosium	156-1	663	753	820	746	10.55	cps
Dysprosium	156-2	607	687	703	666	7.76	cps
Erbium	164-1	883	817	933	878	6.67	cps
Erbium	164-2	567	667	593	609	8.51	cps
Gadolinium	160-1	870	767	737	791	8.84	cps
Gadolinium	160-2	1477	1357	1583	1472	7.70	cps
Holmium	165-1	27264589	28299157	32122110	29228619	8.75	cps
Holmium	165-2	20597018	20333949	20345558	20425508	0.73	cps
Indium	115-1	22948802	23893598	26968366	24603589	8.54	cps
Indium	115-2	8628988	8777743	8716830	8707854	0.86	cps
Iron	56-2	1977504717	1999914210	2000058744	1992492557	0.65	cps
Iron	57-2	50147871	49886288	49889348	49974502	0.30	cps
Iron	54-2	108647188	110221758	109687635	109518861	0.73	cps
Krypton	83-1	420	400	403	408	2.63	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 16:49:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11452	11141	10791	11128	2.97	cps
Lead	207-1	9844	9760	9310	9638	2.98	cps
Lead	208-1	45163	44943	43091	44399	2.56	cps
Lithium	6-1	2875681	3058079	3394228	3109329	8.46	cps
Magnesium	24-2	370696541	380257728	379861461	376938577	1.44	cps
Manganese	55-2	33113	33200	34045	33453	1.54	cps
Molybdenum	94-1	19496	19019	20184	19566	2.99	cps
Molybdenum	95-1	13143	12585	13293	13007	2.87	cps
Molybdenum	96-1	32469	32964	32957	32797	0.86	cps
Molybdenum	97-1	8196	8039	8066	8100	1.04	cps
Molybdenum	98-1	20651	19360	19990	20000	3.23	cps
Neodymium	150-1	433	483	473	463	5.71	cps
Neodymium	150-2	327	283	293	301	7.53	cps
Nickel	60-2	15411	15378	15375	15388	0.13	cps
Phosphorus	31-2	437	433	487	452	6.61	cps
Potassium	39-2	232081883	234341430	236293676	234238997	0.90	cps
Rhodium	103-1	21016032	21829331	24677761	22507708	8.54	cps
Rhodium	103-2	13356009	13453067	13405327	13404801	0.36	cps
Scandium	45-1	13375914	14133974	16038672	14516187	9.45	cps
Scandium	45-2	1192471	1194013	1184884	1190456	0.41	cps
Selenium	82-1	1655	1761	2089	1835	12.34	cps
Selenium	77-2	13	3	3	7	86.65	cps
Selenium	78-2	513	490	567	523	7.51	cps
Silicon	28-1	1676910	1720071	1699759	1698914	1.27	cps
Silver	107-1	2604	2364	2504	2490	4.84	cps
Silver	109-1	2400	2300	2124	2275	6.16	cps
Sodium	23-2	625118951	627731897	634984151	629278333	0.81	cps
Strontium	86-1	20912	21522	21342	21259	1.48	cps
Strontium	88-1	176647	182531	182288	180489	1.84	cps
Sulfur	34-1	264879	268897	268391	267389	0.82	cps
Terbium	159-1	27752875	28865506	32898336	29838906	9.07	cps
Terbium	159-2	20112664	20045949	20197912	20118842	0.38	cps
Thallium	203-1	1903	1563	1397	1621	15.93	cps
Thallium	205-1	4671	3557	3150	3793	20.75	cps
Tin	118-1	14888	15245	14224	14786	3.51	cps
Titanium	47-1	2700	2570	2747	2672	3.43	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 16:49:29

DataFile Name :

012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1753	1327	1093	1391	24.06	cps
Vanadium	51-2	1303	1207	1350	1287	5.68	cps
Yttrium	89-1	32626397	34133825	38317690	35025971	8.42	cps
Yttrium	89-2	8888584	8925964	8914683	8909744	0.22	cps
Zinc	66-2	13973	14013	14090	14026	0.42	cps
Zirconium	90-1	31143	31484	32803	31810	2.76	cps
Zirconium	91-1	6912	6998	7185	7032	1.99	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICV007 Instrumnet Name : P7
Client Sample ID : ICV007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:18:42 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239086	239292	234930	237769	1.04	cps
Antimony	121-1	4949342	4937829	4841485	4909552	1.21	cps
Arsenic	75-2	267052	267074	266916	267014	0.03	cps
Barium	135-1	571696	570580	574208	572161	0.32	cps
Barium	137-1	987692	994574	980975	987747	0.69	cps
Beryllium	9-1	260340	263038	259177	260852	0.76	cps
Bismuth	209-1	18560932	18159156	18003545	18241211	1.58	cps
Bismuth	209-2	15069136	14968094	14955794	14997675	0.41	cps
Bromine	81-1	16529	16362	15635	16176	2.94	cps
Bromine	81-2	140	110	147	132	14.77	cps
Cadmium	108-1	44709	44237	44969	44638	0.83	cps
Cadmium	106-1	69877	70185	70339	70134	0.34	cps
Cadmium	111-1	676797	679049	670080	675309	0.69	cps
Calcium	43-1	136481	137978	135054	136504	1.07	cps
Calcium	44-1	2263117	2187485	2231211	2227271	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1022059	1016825	1009244	1016043	0.63	cps
Cobalt	59-2	1669563	1671556	1661665	1667595	0.31	cps
Copper	63-2	1174350	1173984	1170621	1172985	0.18	cps
Dysprosium	156-1	27	37	47	37	27.27	cps
Dysprosium	156-2	30	50	40	40	25.00	cps
Erbium	164-1	120	140	110	123	12.39	cps
Erbium	164-2	87	67	83	79	13.58	cps
Gadolinium	160-1	150	167	160	159	5.28	cps
Gadolinium	160-2	1060	1157	1210	1142	6.66	cps
Holmium	165-1	31345348	31078619	31331509	31251825	0.48	cps
Holmium	165-2	22373423	22274562	22229173	22292386	0.33	cps
Indium	115-1	29505468	29232151	28611941	29116520	1.57	cps
Indium	115-2	10129423	10027195	9951929	10036182	0.89	cps
Iron	56-2	18110312	17886988	17754993	17917431	1.00	cps
Iron	57-2	466306	466848	466558	466571	0.06	cps
Iron	54-2	1065987	1051274	1048423	1055228	0.89	cps
Krypton	83-1	300	363	300	321	11.39	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICV007 Instrumnet Name : P7
Client Sample ID : ICV007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:18:42 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3154928	3213062	3166334	3178108	0.97	cps
Lead	207-1	2638234	2683558	2635212	2652335	1.02	cps
Lead	208-1	12410901	12491215	12244633	12382250	1.02	cps
Lithium	6-1	3671428	3625585	3496725	3597913	2.52	cps
Magnesium	24-2	955843	947652	945631	949709	0.57	cps
Manganese	55-2	749066	747165	737062	744431	0.87	cps
Molybdenum	94-1	1940	1663	1773	1792	7.77	cps
Molybdenum	95-1	440	483	423	449	6.90	cps
Molybdenum	96-1	1030	1127	1007	1054	6.03	cps
Molybdenum	97-1	347	233	243	274	22.86	cps
Molybdenum	98-1	827	777	740	781	5.57	cps
Neodymium	150-1	37	40	70	49	37.55	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	441683	441220	439517	440807	0.26	cps
Phosphorus	31-2	257	297	220	258	14.88	cps
Potassium	39-2	2113725	2073477	2041921	2076374	1.73	cps
Rhodium	103-1	28339912	28333614	28137494	28270340	0.41	cps
Rhodium	103-2	16785214	16783564	16509932	16692903	0.95	cps
Scandium	45-1	17225153	17029770	16983580	17079501	0.75	cps
Scandium	45-2	1366891	1337690	1366752	1357111	1.24	cps
Selenium	82-1	84289	84542	85407	84746	0.69	cps
Selenium	77-2	8129	8036	8029	8064	0.69	cps
Selenium	78-2	27582	26998	26681	27087	1.69	cps
Silicon	28-1	1688711	1682658	1678874	1683414	0.29	cps
Silver	107-1	1658299	1658790	1621754	1646281	1.29	cps
Silver	109-1	1524285	1546940	1544067	1538431	0.80	cps
Sodium	23-2	2797799	2755675	2771621	2775032	0.77	cps
Strontium	86-1	2627	2424	2524	2525	4.03	cps
Strontium	88-1	17187	17547	17691	17475	1.49	cps
Sulfur	34-1	351105	349817	350994	350639	0.20	cps
Terbium	159-1	32523550	32484040	32589306	32532299	0.16	cps
Terbium	159-2	22130741	22155977	22350376	22212364	0.54	cps
Thallium	203-1	3877097	3853650	3943814	3891520	1.20	cps
Thallium	205-1	9255027	9254168	9151237	9220144	0.65	cps
Tin	118-1	4337	4127	4097	4187	3.12	cps
Titanium	47-1	2010	2124	1940	2025	4.57	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

ICV007

Instrumnet Name :

P7

Client Sample ID :

ICV007

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 17:18:42

DataFile Name :

013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	60	87	74	18.10	cps
Vanadium	51-2	848914	860603	842435	850651	1.08	cps
Yttrium	89-1	40194860	39806533	39352697	39784697	1.06	cps
Yttrium	89-2	10058334	10029773	9751693	9946600	1.70	cps
Zinc	66-2	385516	386107	380944	384189	0.74	cps
Zirconium	90-1	3821	3994	4171	3995	4.38	cps
Zirconium	91-1	1420	1310	1367	1366	4.03	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICB007 Instrumnet Name : P7
Client Sample ID : ICB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:23:49 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	620	653	602	10.29	cps
Antimony	121-1	417	517	693	542	25.84	cps
Arsenic	75-2	13	13	13	13	0.00	cps
Barium	135-1	297	273	267	279	5.65	cps
Barium	137-1	477	407	390	424	10.83	cps
Beryllium	9-1	61	122	133	106	36.84	cps
Bismuth	209-1	18037282	17606785	17688056	17777374	1.29	cps
Bismuth	209-2	14873733	14717705	14712564	14768001	0.62	cps
Bromine	81-1	15862	15258	15428	15516	2.01	cps
Bromine	81-2	117	113	133	121	8.85	cps
Cadmium	108-1	37	30	30	32	11.95	cps
Cadmium	106-1	9767	9276	9056	9366	3.88	cps
Cadmium	111-1	6881	6572	6438	6631	3.42	cps
Calcium	43-1	830	853	827	837	1.74	cps
Calcium	44-1	65548	65741	66121	65803	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5071	5178	5298	5182	2.19	cps
Cobalt	59-2	253	283	250	262	7.00	cps
Copper	63-2	2107	2230	2037	2125	4.61	cps
Dysprosium	156-1	40	47	47	44	8.66	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	143	143	143	143	0.00	cps
Erbium	164-2	60	70	80	70	14.29	cps
Gadolinium	160-1	147	160	147	151	5.09	cps
Gadolinium	160-2	1050	1117	1040	1069	3.90	cps
Holmium	165-1	30689830	31004235	30597660	30763908	0.69	cps
Holmium	165-2	22250200	22090109	22132391	22157566	0.37	cps
Indium	115-1	28741936	28756693	28777668	28758766	0.06	cps
Indium	115-2	10039212	10037490	9984710	10020471	0.31	cps
Iron	56-2	73867	74600	73739	74069	0.63	cps
Iron	57-2	2930	2944	3190	3021	4.85	cps
Iron	54-2	6595	6568	6501	6555	0.73	cps
Krypton	83-1	327	313	367	336	8.27	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICB007 Instrumnet Name : P7
Client Sample ID : ICB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:23:49 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1590	1533	1647	1590	3.56	cps
Lead	207-1	1427	1490	1317	1411	6.22	cps
Lead	208-1	6344	6457	6344	6382	1.03	cps
Lithium	6-1	3512428	3507201	3456802	3492144	0.88	cps
Magnesium	24-2	4344	4474	4411	4410	1.47	cps
Manganese	55-2	1143	1030	950	1041	9.33	cps
Molybdenum	94-1	1397	1393	1487	1426	3.71	cps
Molybdenum	95-1	117	137	190	148	25.65	cps
Molybdenum	96-1	460	460	400	440	7.87	cps
Molybdenum	97-1	90	73	93	86	12.53	cps
Molybdenum	98-1	227	217	203	216	5.43	cps
Neodymium	150-1	30	20	13	21	39.75	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	2404	2447	2324	2391	2.62	cps
Phosphorus	31-2	250	287	297	278	8.84	cps
Potassium	39-2	87918	88770	88847	88512	0.58	cps
Rhodium	103-1	28299402	28190622	28191656	28227227	0.22	cps
Rhodium	103-2	16654451	16658083	16516266	16609600	0.49	cps
Scandium	45-1	16390199	16570784	16544942	16501975	0.59	cps
Scandium	45-2	1371216	1347611	1332749	1350525	1.44	cps
Selenium	82-1	1782	1905	1679	1789	6.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	597	610	520	576	8.44	cps
Silicon	28-1	1702228	1700225	1713869	1705440	0.43	cps
Silver	107-1	573	520	457	517	11.30	cps
Silver	109-1	383	393	377	384	2.18	cps
Sodium	23-2	92086	91346	91382	91605	0.46	cps
Strontium	86-1	637	677	593	636	6.56	cps
Strontium	88-1	623	743	613	660	10.96	cps
Sulfur	34-1	339653	340315	337557	339175	0.42	cps
Terbium	159-1	31943000	31725957	32209951	31959636	0.76	cps
Terbium	159-2	21984750	22013310	22067501	22021853	0.19	cps
Thallium	203-1	523	600	523	549	8.06	cps
Thallium	205-1	1320	1317	1243	1293	3.35	cps
Tin	118-1	4681	4071	4124	4292	7.88	cps
Titanium	47-1	2330	2304	2280	2305	1.09	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICB007 Instrumnet Name : P7
Client Sample ID : ICB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:23:49 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43	33	27	34	24.35	cps
Vanadium	51-2	23	50	20	31	52.86	cps
Yttrium	89-1	39843928	39501604	39394154	39579895	0.59	cps
Yttrium	89-2	10005890	9787199	9914909	9902666	1.11	cps
Zinc	66-2	2740	2917	2570	2743	6.32	cps
Zirconium	90-1	3817	3864	3837	3839	0.61	cps
Zirconium	91-1	833	867	830	843	2.40	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICSA007 Instrumnet Name : P7
Client Sample ID : ICSA007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:49:27 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45913669	45938594	45835818	45896027	0.12	cps
Antimony	121-1	27079	27466	27576	27374	0.95	cps
Arsenic	75-2	497	433	457	462	6.93	cps
Barium	135-1	8769	8449	8249	8489	3.09	cps
Barium	137-1	14751	14304	14668	14574	1.63	cps
Beryllium	9-1	789	667	733	730	8.39	cps
Bismuth	209-1	16970666	17163261	17258018	17130648	0.85	cps
Bismuth	209-2	14007870	13915902	13920251	13948008	0.37	cps
Bromine	81-1	16763	16546	16379	16563	1.16	cps
Bromine	81-2	250	310	323	294	13.27	cps
Cadmium	108-1	4591	4321	4224	4378	4.34	cps
Cadmium	106-1	8306	8049	8142	8166	1.59	cps
Cadmium	111-1	8062	7927	7884	7958	1.16	cps
Calcium	43-1	6502305	6485691	6505899	6497965	0.17	cps
Calcium	44-1	105710115	106628115	106154008	106164080	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207826	204876	208113	206938	0.87	cps
Cobalt	59-2	20794	20534	20130	20486	1.63	cps
Copper	63-2	91454	89472	89224	90050	1.36	cps
Dysprosium	156-1	87	97	123	102	18.54	cps
Dysprosium	156-2	90	100	113	101	11.58	cps
Erbium	164-1	253	183	240	226	16.48	cps
Erbium	164-2	187	120	143	150	22.55	cps
Gadolinium	160-1	200	237	203	213	9.50	cps
Gadolinium	160-2	1003	1177	1140	1107	8.25	cps
Holmium	165-1	31868759	31731183	31895525	31831822	0.28	cps
Holmium	165-2	22774946	22405221	22613007	22597725	0.82	cps
Indium	115-1	27763018	27530723	27450357	27581366	0.59	cps
Indium	115-2	9618484	9467613	9622271	9569456	0.92	cps
Iron	56-2	909724120	902667507	897213187	903201604	0.69	cps
Iron	57-2	22566266	22562294	22666949	22598503	0.26	cps
Iron	54-2	49944176	49468093	50502428	49971565	1.04	cps
Krypton	83-1	367	377	327	357	7.42	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICSA007 Instrumnet Name : P7
Client Sample ID : ICSA007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 17:49:27 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	73852	74583	74140	74192	0.50	cps
Lead	207-1	58870	60511	59178	59520	1.47	cps
Lead	208-1	277481	281075	279923	279493	0.66	cps
Lithium	6-1	3336210	3108943	3073555	3172902	4.49	cps
Magnesium	24-2	82848067	82218154	81863892	82310038	0.61	cps
Manganese	55-2	60672	60819	61498	60996	0.72	cps
Molybdenum	94-1	14152254	14184136	14225109	14187166	0.26	cps
Molybdenum	95-1	24898867	25072308	25013105	24994760	0.35	cps
Molybdenum	96-1	26589800	26678018	26793246	26687022	0.38	cps
Molybdenum	97-1	15596799	15667732	15838089	15700873	0.79	cps
Molybdenum	98-1	40086207	40371270	40647805	40368427	0.70	cps
Neodymium	150-1	137	130	90	119	21.23	cps
Neodymium	150-2	87	80	90	86	5.95	cps
Nickel	60-2	24203	23585	24036	23941	1.33	cps
Phosphorus	31-2	2497648	2484633	2472098	2484793	0.51	cps
Potassium	39-2	101661362	100058352	100699495	100806403	0.80	cps
Rhodium	103-1	25974320	25592557	25862224	25809700	0.76	cps
Rhodium	103-2	15666860	15499569	15621524	15595984	0.55	cps
Scandium	45-1	16212446	15727183	15815808	15918479	1.62	cps
Scandium	45-2	1301094	1293811	1299545	1298150	0.30	cps
Selenium	82-1	1645	1595	1780	1673	5.71	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	570	410	490	490	16.33	cps
Silicon	28-1	1783222	1703338	1729890	1738817	2.34	cps
Silver	107-1	960	890	870	907	5.21	cps
Silver	109-1	730	693	790	738	6.61	cps
Sodium	23-2	138783785	136053405	136247631	137028274	1.11	cps
Strontium	86-1	270478	271097	274899	272158	0.88	cps
Strontium	88-1	2351251	2396963	2411960	2386725	1.32	cps
Sulfur	34-1	9054522	8984600	9080779	9039967	0.55	cps
Terbium	159-1	32587277	32309846	32705100	32534075	0.62	cps
Terbium	159-2	22433557	22254069	22200029	22295885	0.55	cps
Thallium	203-1	1760	1870	1907	1846	4.14	cps
Thallium	205-1	4144	4271	4721	4379	6.92	cps
Tin	118-1	7942	7669	7706	7772	1.91	cps
Titanium	47-1	6463016	6411119	6343382	6405839	0.94	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

ICSA007

Instrumnet Name :

P7

Client Sample ID :

ICSA007

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 17:49:27

DataFile Name :

015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	887	1063	1040	997	9.63	cps
Vanadium	51-2	1577	1603	1607	1596	1.03	cps
Yttrium	89-1	38699088	38196970	38542657	38479572	0.67	cps
Yttrium	89-2	9785161	9624799	9767262	9725740	0.90	cps
Zinc	66-2	24724	24854	24664	24747	0.39	cps
Zirconium	90-1	4351	3964	4474	4263	6.24	cps
Zirconium	91-1	867	897	933	899	3.71	cps

LB Number : LB133439

Operator : Jaswal

Lab Sample ID : ICSAB007

Instrumnet Name : P7

Client Sample ID : ICSAB007

Dilution Factor : 1

Date & Time Acquired : 2024-11-13 18:01:52

DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45403321	45616201	45741881	45587134	0.38	cps
Antimony	121-1	530743	536680	535194	534206	0.58	cps
Arsenic	75-2	27252	26934	27345	27177	0.79	cps
Barium	135-1	128019	129805	127865	128563	0.84	cps
Barium	137-1	220598	223524	222105	222076	0.66	cps
Beryllium	9-1	48994	48737	47740	48490	1.37	cps
Bismuth	209-1	17600750	17344138	17500291	17481726	0.74	cps
Bismuth	209-2	14108017	14110785	14054989	14091264	0.22	cps
Bromine	81-1	18662	19042	19179	18961	1.41	cps
Bromine	81-2	717	517	597	610	16.50	cps
Cadmium	108-1	13286	12622	12779	12896	2.69	cps
Cadmium	106-1	20531	21099	20702	20777	1.40	cps
Cadmium	111-1	138389	140287	141517	140064	1.13	cps
Calcium	43-1	6684798	6713003	6673276	6690359	0.31	cps
Calcium	44-1	109101992	108778048	108827778	108902606	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	409226	404330	404538	406031	0.68	cps
Cobalt	59-2	347198	342556	345223	344992	0.68	cps
Copper	63-2	317833	315383	311599	314938	1.00	cps
Dysprosium	156-1	117	127	130	124	5.57	cps
Dysprosium	156-2	100	107	87	98	10.41	cps
Erbium	164-1	227	220	273	240	12.11	cps
Erbium	164-2	147	133	140	140	4.76	cps
Gadolinium	160-1	247	283	230	253	10.77	cps
Gadolinium	160-2	1123	1170	1027	1107	6.61	cps
Holmium	165-1	32400086	32084441	32238428	32240985	0.49	cps
Holmium	165-2	22492166	22494168	22573280	22519871	0.21	cps
Indium	115-1	28245275	28088379	28166343	28166666	0.28	cps
Indium	115-2	9668980	9537820	9526900	9577900	0.83	cps
Iron	56-2	912521986	903472333	904221000	906738440	0.55	cps
Iron	57-2	22436355	22939587	22702800	22692914	1.11	cps
Iron	54-2	49901563	50131904	49189088	49740851	0.99	cps
Krypton	83-1	337	400	387	374	8.92	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : ICSAB007 Instrumnet Name : P7
Client Sample ID : ICSAB007 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:01:52 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	399971	402551	399636	400719	0.40	cps
Lead	207-1	332976	336676	337996	335882	0.77	cps
Lead	208-1	1546487	1554573	1549284	1550115	0.26	cps
Lithium	6-1	3118207	3042646	2998199	3053018	1.99	cps
Magnesium	24-2	81541779	82041722	79728992	81104164	1.50	cps
Manganese	55-2	210144	206592	210201	208979	0.99	cps
Molybdenum	94-1	14765074	14809867	14812609	14795850	0.18	cps
Molybdenum	95-1	26188335	25988967	25835655	26004319	0.68	cps
Molybdenum	96-1	27702603	27835358	27618540	27718833	0.39	cps
Molybdenum	97-1	16201434	16182609	16381801	16255282	0.68	cps
Molybdenum	98-1	42037369	41534653	41823498	41798506	0.60	cps
Neodymium	150-1	117	173	117	136	24.14	cps
Neodymium	150-2	47	67	70	61	20.65	cps
Nickel	60-2	109503	106699	107159	107787	1.39	cps
Phosphorus	31-2	2464452	2462387	2461628	2462822	0.06	cps
Potassium	39-2	101039442	99904115	101120135	100687897	0.68	cps
Rhodium	103-1	26473791	26536408	26848972	26619724	0.76	cps
Rhodium	103-2	15813098	15633700	15661404	15702734	0.62	cps
Scandium	45-1	15966669	16279881	16099465	16115338	0.98	cps
Scandium	45-2	1297298	1287797	1299906	1295000	0.49	cps
Selenium	82-1	9799	9626	9733	9719	0.90	cps
Selenium	77-2	747	730	777	751	3.15	cps
Selenium	78-2	2960	2874	2900	2911	1.53	cps
Silicon	28-1	1737906	1746252	1720681	1734946	0.75	cps
Silver	107-1	632717	636418	628139	632425	0.66	cps
Silver	109-1	594443	594669	593912	594341	0.07	cps
Sodium	23-2	137320955	137144638	134512951	136326181	1.15	cps
Strontium	86-1	281162	281777	283677	282205	0.46	cps
Strontium	88-1	2482549	2434673	2501136	2472786	1.39	cps
Sulfur	34-1	9328743	9333282	9236593	9299539	0.59	cps
Terbium	159-1	32912608	33210222	33310380	33144403	0.62	cps
Terbium	159-2	22363406	22003246	22153048	22173233	0.82	cps
Thallium	203-1	405000	406939	407108	406349	0.29	cps
Thallium	205-1	964817	963391	976435	968214	0.74	cps
Tin	118-1	8110	7459	7772	7780	4.18	cps
Titanium	47-1	6499102	6578316	6532978	6536799	0.61	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

ICSAB007

Instrumnet Name :

P7

Client Sample ID :

ICSAB007

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 18:01:52

DataFile Name :

016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1053	1043	1140	1079	4.93	cps
Vanadium	51-2	174433	171675	172112	172740	0.86	cps
Yttrium	89-1	39382356	39098995	39818496	39433282	0.92	cps
Yttrium	89-2	9863232	9684708	9788715	9778885	0.92	cps
Zinc	66-2	64314	63186	62721	63407	1.29	cps
Zirconium	90-1	3834	3997	3927	3919	2.09	cps
Zirconium	91-1	933	927	913	924	1.10	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV031 Instrumnet Name : P7
Client Sample ID : CCV031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:15:35 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23972202	23553133	23740709	23755348	0.88	cps
Antimony	121-1	12361068	12291009	12153332	12268470	0.86	cps
Arsenic	75-2	671404	669260	668381	669682	0.23	cps
Barium	135-1	14710888	14534948	14502796	14582878	0.77	cps
Barium	137-1	25126910	25160388	24964603	25083967	0.42	cps
Beryllium	9-1	1213784	1223452	1235862	1224366	0.90	cps
Bismuth	209-1	16920010	17055517	17201243	17058923	0.82	cps
Bismuth	209-2	13595709	13386819	13412251	13464927	0.85	cps
Bromine	81-1	16102	16296	16930	16443	2.63	cps
Bromine	81-2	157	150	130	146	9.54	cps
Cadmium	108-1	245921	245121	246429	245824	0.27	cps
Cadmium	106-1	354115	352011	354343	353489	0.36	cps
Cadmium	111-1	3322783	3266267	3331141	3306730	1.07	cps
Calcium	43-1	16198847	16196335	16218150	16204444	0.07	cps
Calcium	44-1	263805136	264396889	265088523	264430183	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4917459	4891123	4897132	4901905	0.28	cps
Cobalt	59-2	8370328	8384233	8324465	8359675	0.37	cps
Copper	63-2	59498182	59390366	59612554	59500367	0.19	cps
Dysprosium	156-1	540	630	610	593	7.96	cps
Dysprosium	156-2	940	850	1020	937	9.08	cps
Erbium	164-1	740	673	640	684	7.44	cps
Erbium	164-2	450	487	473	470	3.95	cps
Gadolinium	160-1	520	577	563	553	5.35	cps
Gadolinium	160-2	1323	1370	1193	1296	7.07	cps
Holmium	165-1	32188370	31924770	31664464	31925868	0.82	cps
Holmium	165-2	22313622	22013419	22175359	22167467	0.68	cps
Indium	115-1	27342520	27273663	27135052	27250412	0.39	cps
Indium	115-2	9519840	9344671	9399879	9421463	0.95	cps
Iron	56-2	1090160650	1098842890	1084578037	1091193859	0.66	cps
Iron	57-2	27363294	27060706	27316646	27246882	0.60	cps
Iron	54-2	59955181	59343324	60015587	59771364	0.62	cps
Krypton	83-1	380	367	387	378	2.70	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV031 Instrumnet Name : P7
Client Sample ID : CCV031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:15:35 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38497362	38074401	38835306	38469023	0.99	cps
Lead	207-1	33782455	33500209	34116685	33799783	0.91	cps
Lead	208-1	154301398	153644127	155515237	154486920	0.61	cps
Lithium	6-1	3068868	3011933	3091736	3057512	1.34	cps
Magnesium	24-2	211057130	208062604	207979184	209032972	0.84	cps
Manganese	55-2	37296474	36710284	36775936	36927565	0.87	cps
Molybdenum	94-1	45770754	45674421	45098006	45514394	0.80	cps
Molybdenum	95-1	65975074	66666111	65893361	66178182	0.64	cps
Molybdenum	96-1	72431241	72191382	71877974	72166866	0.38	cps
Molybdenum	97-1	41076494	41452171	41311434	41280033	0.46	cps
Molybdenum	98-1	106175365	105516905	106135122	105942464	0.35	cps
Neodymium	150-1	837	913	813	854	6.12	cps
Neodymium	150-2	277	230	263	257	9.37	cps
Nickel	60-2	2170954	2143245	2131611	2148603	0.94	cps
Phosphorus	31-2	245796	240830	244640	243755	1.07	cps
Potassium	39-2	122581415	123263025	123574061	123139500	0.41	cps
Rhodium	103-1	25532641	25537185	25545994	25538607	0.03	cps
Rhodium	103-2	15150213	15130931	15014888	15098677	0.48	cps
Scandium	45-1	16006202	16009930	15813594	15943242	0.70	cps
Scandium	45-2	1298730	1264710	1256014	1273152	1.77	cps
Selenium	82-1	200463	198889	199657	199669	0.39	cps
Selenium	77-2	18585	18705	18148	18479	1.59	cps
Selenium	78-2	63649	62695	62601	62982	0.92	cps
Silicon	28-1	13712002	13655581	13787141	13718241	0.48	cps
Silver	107-1	16429756	16318801	16341575	16363377	0.36	cps
Silver	109-1	15495646	15280465	15223399	15333170	0.94	cps
Sodium	23-2	333702135	328630302	330885988	331072808	0.77	cps
Strontium	86-1	4147887	4110647	4114102	4124212	0.50	cps
Strontium	88-1	35573315	35583602	35397847	35518255	0.29	cps
Sulfur	34-1	1292328	1277586	1273083	1280999	0.79	cps
Terbium	159-1	33302850	32762015	32769640	32944835	0.94	cps
Terbium	159-2	22065885	22048066	21920232	22011394	0.36	cps
Thallium	203-1	9797679	9812984	9833203	9814622	0.18	cps
Thallium	205-1	23317151	23223608	23413104	23317954	0.41	cps
Tin	118-1	10237177	10322506	10187491	10249058	0.67	cps
Titanium	47-1	15964941	15818997	16001141	15928360	0.61	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCV031

Instrumnet Name :

P7

Client Sample ID :

CCV031

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 18:15:35

DataFile Name :

017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31060229	31523568	31203380	31262392	0.76	cps
Vanadium	51-2	4332919	4287366	4368728	4329671	0.94	cps
Yttrium	89-1	39372682	38952425	38805639	39043582	0.75	cps
Yttrium	89-2	9747797	9618979	9600362	9655713	0.83	cps
Zinc	66-2	9502578	9528057	9554430	9528355	0.27	cps
Zirconium	90-1	22489806	22400643	22333724	22408057	0.35	cps
Zirconium	91-1	5018555	4954930	4928445	4967310	0.93	cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :CCB031Instrumnet Name :P7

Client Sample ID :CCB031Dilution Factor :1

Date & Time Acquired :2024-11-13 18:21:48DataFile Name :018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553	517	413	494	14.68	cps
Antimony	121-1	1243	1667	2270	1727	29.88	cps
Arsenic	75-2	23	30	37	30	22.23	cps
Barium	135-1	297	263	320	293	9.71	cps
Barium	137-1	567	583	500	550	8.02	cps
Beryllium	9-1	72	83	83	80	8.06	cps
Bismuth	209-1	18400159	18393833	18201113	18331702	0.62	cps
Bismuth	209-2	15084912	14869196	14924160	14959423	0.75	cps
Bromine	81-1	15428	15568	15418	15472	0.54	cps
Bromine	81-2	87	127	127	113	20.38	cps
Cadmium	108-1	23	30	20	24	20.83	cps
Cadmium	106-1	9286	9056	9073	9139	1.40	cps
Cadmium	111-1	6584	6432	6414	6477	1.45	cps
Calcium	43-1	1783	1610	1463	1619	9.90	cps
Calcium	44-1	75851	73999	73901	74584	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3330	3160	3180	3224	2.88	cps
Cobalt	59-2	330	327	303	320	4.54	cps
Copper	63-2	2650	2674	2607	2644	1.28	cps
Dysprosium	156-1	30	30	20	27	21.65	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	153	143	160	152	5.51	cps
Erbium	164-2	87	97	77	87	11.54	cps
Gadolinium	160-1	187	153	117	152	23.00	cps
Gadolinium	160-2	1027	1107	1073	1069	3.76	cps
Holmium	165-1	31738084	31714638	31538285	31663669	0.34	cps
Holmium	165-2	22490051	22180906	22213828	22294928	0.76	cps
Indium	115-1	28448918	28965165	28995673	28803252	1.07	cps
Indium	115-2	9932792	9804482	9852306	9863193	0.66	cps
Iron	56-2	54003	54047	52929	53660	1.18	cps
Iron	57-2	2397	2330	2250	2326	3.16	cps
Iron	54-2	5248	5174	5398	5273	2.16	cps
Krypton	83-1	300	390	317	336	14.27	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB031 Instrumnet Name : P7
Client Sample ID : CCB031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:21:48 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1887	1830	1757	1825	3.57	cps
Lead	207-1	1640	1653	1550	1615	3.48	cps
Lead	208-1	7728	7348	7011	7362	4.87	cps
Lithium	6-1	3224189	3253203	3275400	3250931	0.79	cps
Magnesium	24-2	3937	3981	3967	3962	0.56	cps
Manganese	55-2	1117	963	1047	1042	7.37	cps
Molybdenum	94-1	1753	1983	1960	1899	6.67	cps
Molybdenum	95-1	943	817	627	796	20.04	cps
Molybdenum	96-1	1217	1093	983	1098	10.63	cps
Molybdenum	97-1	520	527	507	518	1.97	cps
Molybdenum	98-1	1343	1140	1143	1209	9.63	cps
Neodymium	150-1	17	33	20	23	37.78	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	1177	1397	1317	1297	8.59	cps
Phosphorus	31-2	283	220	260	254	12.59	cps
Potassium	39-2	95946	95517	93756	95073	1.22	cps
Rhodium	103-1	27858635	28131935	27772963	27921178	0.67	cps
Rhodium	103-2	16946136	16433542	16545286	16641655	1.62	cps
Scandium	45-1	16141003	16369543	16217701	16242749	0.72	cps
Scandium	45-2	1326504	1280466	1302340	1303103	1.77	cps
Selenium	82-1	1803	1681	1564	1682	7.10	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	500	533	500	511	3.77	cps
Silicon	28-1	1537557	1555404	1598608	1563856	2.01	cps
Silver	107-1	487	520	523	510	3.98	cps
Silver	109-1	407	430	410	416	3.04	cps
Sodium	23-2	109549	107623	107669	108280	1.02	cps
Strontium	86-1	713	693	680	696	2.41	cps
Strontium	88-1	1500	1353	1343	1399	6.27	cps
Sulfur	34-1	310766	312226	311980	311657	0.25	cps
Terbium	159-1	32539547	32893416	32735314	32722759	0.54	cps
Terbium	159-2	22162811	22173703	21914656	22083723	0.66	cps
Thallium	203-1	1003	950	900	951	5.43	cps
Thallium	205-1	2357	2134	2120	2204	6.03	cps
Tin	118-1	7692	7582	7262	7512	2.98	cps
Titanium	47-1	1170	1220	1370	1253	8.30	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB031 Instrumnet Name : P7
Client Sample ID : CCB031 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:21:48 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	160	147	176	22.25	cps
Vanadium	51-2	30	47	20	32	41.81	cps
Yttrium	89-1	39334654	39602612	39515591	39484286	0.35	cps
Yttrium	89-2	9916344	9750373	9839007	9835241	0.84	cps
Zinc	66-2	3931	3731	3670	3777	3.61	cps
Zirconium	90-1	3527	4071	4261	3953	9.63	cps
Zirconium	91-1	793	817	947	852	9.70	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-01DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W0 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:25:03 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10998782	10910129	10726299	10878403	1.28	cps
Antimony	121-1	34902	36018	35751	35557	1.64	cps
Arsenic	75-2	121724	118489	119577	119930	1.37	cps
Barium	135-1	1883321	1917993	1885434	1895582	1.03	cps
Barium	137-1	3199722	3246817	3203002	3216514	0.82	cps
Beryllium	9-1	2106	2245	2128	2159	3.46	cps
Bismuth	209-1	18473709	18436039	18256952	18388900	0.63	cps
Bismuth	209-2	15058418	15031321	14803139	14964293	0.94	cps
Bromine	81-1	18949	19740	19880	19523	2.57	cps
Bromine	81-2	860	830	890	860	3.49	cps
Cadmium	108-1	1067	1120	1210	1132	6.40	cps
Cadmium	106-1	12599	12452	12552	12534	0.60	cps
Cadmium	111-1	19587	18880	19631	19366	2.18	cps
Calcium	43-1	350078	361033	356905	356005	1.55	cps
Calcium	44-1	5509427	5716599	5657069	5627698	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	543474	540741	539625	541280	0.37	cps
Cobalt	59-2	487984	488267	483132	486461	0.59	cps
Copper	63-2	2376198	2347605	2317444	2347082	1.25	cps
Dysprosium	156-1	105650	105610	105862	105707	0.13	cps
Dysprosium	156-2	91137	92157	91107	91467	0.65	cps
Erbium	164-1	76813	78104	78284	77734	1.03	cps
Erbium	164-2	54268	54666	54144	54360	0.50	cps
Gadolinium	160-1	93925	93264	94318	93836	0.57	cps
Gadolinium	160-2	69940	69538	70510	69996	0.70	cps
Holmium	165-1	33104193	32622530	32643785	32790170	0.83	cps
Holmium	165-2	23077439	23020898	22602312	22900216	1.13	cps
Indium	115-1	29906784	29544605	29304348	29585246	1.03	cps
Indium	115-2	10135163	10040934	9988810	10054969	0.74	cps
Iron	56-2	528748739	525365912	516912859	523675837	1.16	cps
Iron	57-2	12928770	12971368	12778297	12892812	0.79	cps
Iron	54-2	29188938	28703538	28228025	28706834	1.67	cps
Krypton	83-1	547	467	453	489	10.33	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-01DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W0 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:25:03 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	993096	989422	992785	991768	0.21	cps
Lead	207-1	871979	883471	887625	881025	0.92	cps
Lead	208-1	3987706	3993126	3983498	3988110	0.12	cps
Lithium	6-1	3297012	3141702	3047841	3162185	3.98	cps
Magnesium	24-2	10315366	10299894	10071450	10228903	1.34	cps
Manganese	55-2	9478300	9383442	9310065	9390603	0.90	cps
Molybdenum	94-1	167391	171866	171694	170317	1.49	cps
Molybdenum	95-1	9066	9426	9043	9179	2.34	cps
Molybdenum	96-1	41893	43230	42786	42636	1.60	cps
Molybdenum	97-1	5955	5801	5971	5909	1.59	cps
Molybdenum	98-1	14277	14988	14964	14743	2.74	cps
Neodymium	150-1	206240	207065	206937	206747	0.21	cps
Neodymium	150-2	122527	122463	120805	121932	0.80	cps
Nickel	60-2	278267	276225	271252	275248	1.31	cps
Phosphorus	31-2	34703	34516	34141	34453	0.83	cps
Potassium	39-2	4006368	3991535	3947036	3981646	0.78	cps
Rhodium	103-1	28737270	28417040	28545874	28566728	0.56	cps
Rhodium	103-2	16954733	16854077	16790881	16866564	0.49	cps
Scandium	45-1	17443436	17516491	17262067	17407331	0.75	cps
Scandium	45-2	1374954	1382879	1363047	1373627	0.73	cps
Selenium	82-1	1938	2150	2046	2044	5.19	cps
Selenium	77-2	393	347	360	367	6.56	cps
Selenium	78-2	833	867	923	874	5.20	cps
Silicon	28-1	41370128	42038654	41416829	41608537	0.90	cps
Silver	107-1	12602	12632	13049	12761	1.96	cps
Silver	109-1	11878	11605	11822	11768	1.23	cps
Sodium	23-2	206694	206220	205756	206223	0.23	cps
Strontium	86-1	455421	465829	466552	462601	1.35	cps
Strontium	88-1	4043597	4071997	4063895	4059830	0.36	cps
Sulfur	34-1	316879	311831	306466	311726	1.67	cps
Terbium	159-1	34225195	33982988	33739187	33982457	0.72	cps
Terbium	159-2	22767488	22863138	22373566	22668064	1.14	cps
Thallium	203-1	7382	6992	7079	7151	2.87	cps
Thallium	205-1	17458	17171	17031	17220	1.26	cps
Tin	118-1	40219	41547	41570	41112	1.88	cps
Titanium	47-1	1917639	1968884	1910470	1932331	1.65	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-01DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W0

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:25:03

DataFile Name :

019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44441	44748	44049	44413	0.79	cps
Vanadium	51-2	1021754	1013714	998661	1011377	1.16	cps
Yttrium	89-1	42172055	42122674	41891660	42062130	0.36	cps
Yttrium	89-2	10376321	10575189	10424037	10458515	0.99	cps
Zinc	66-2	408584	405547	408669	407600	0.44	cps
Zirconium	90-1	442577	455178	452255	450003	1.47	cps
Zirconium	91-1	99166	102213	101528	100969	1.58	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-02DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:28:07 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17530301	17758866	17506497	17598555	0.79	cps
Antimony	121-1	21663	22641	22755	22353	2.69	cps
Arsenic	75-2	136332	135555	132824	134904	1.37	cps
Barium	135-1	2799845	2854512	2812171	2822176	1.02	cps
Barium	137-1	4830685	4909654	4787570	4842637	1.28	cps
Beryllium	9-1	2811	2717	2917	2815	3.55	cps
Bismuth	209-1	18304841	18630069	18003358	18312756	1.71	cps
Bismuth	209-2	14922016	14876750	14896085	14898284	0.15	cps
Bromine	81-1	24066	24504	25389	24653	2.73	cps
Bromine	81-2	1967	2054	1963	1995	2.56	cps
Cadmium	108-1	730	760	723	738	2.65	cps
Cadmium	106-1	11852	11665	11958	11825	1.26	cps
Cadmium	111-1	12182	12121	12425	12243	1.31	cps
Calcium	43-1	826849	830003	837210	831354	0.64	cps
Calcium	44-1	13220590	13143527	13117321	13160480	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	674900	676129	671508	674179	0.35	cps
Cobalt	59-2	575879	576375	575981	576078	0.05	cps
Copper	63-2	1583750	1580011	1537390	1567050	1.64	cps
Dysprosium	156-1	158549	157954	160411	158971	0.81	cps
Dysprosium	156-2	137599	138828	139431	138619	0.67	cps
Erbium	164-1	114582	116111	115072	115255	0.68	cps
Erbium	164-2	79866	80336	80554	80252	0.44	cps
Gadolinium	160-1	140877	143281	143553	142570	1.03	cps
Gadolinium	160-2	105332	106451	105278	105687	0.63	cps
Holmium	165-1	32605412	32711173	32456969	32591185	0.39	cps
Holmium	165-2	22969313	22921599	23187260	23026057	0.62	cps
Indium	115-1	29928271	29421817	29431185	29593758	0.98	cps
Indium	115-2	10002432	10117166	10107140	10075579	0.63	cps
Iron	56-2	596820964	592284511	589927378	593010951	0.59	cps
Iron	57-2	14890648	14841058	14552027	14761244	1.24	cps
Iron	54-2	32987047	32761528	32473609	32740728	0.79	cps
Krypton	83-1	633	557	517	569	10.42	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-02DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:28:07 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	503497	513380	509554	508810	0.98	cps
Lead	207-1	437157	441257	438816	439077	0.47	cps
Lead	208-1	1990054	2011325	2005118	2002166	0.55	cps
Lithium	6-1	3107201	3110242	2943958	3053800	3.12	cps
Magnesium	24-2	13796044	13860354	13636401	13764266	0.84	cps
Manganese	55-2	10485389	10401395	10312015	10399600	0.83	cps
Molybdenum	94-1	200929	204200	205978	203702	1.26	cps
Molybdenum	95-1	7409	7575	7695	7560	1.91	cps
Molybdenum	96-1	47751	46654	48142	47516	1.62	cps
Molybdenum	97-1	4687	4494	4701	4627	2.50	cps
Molybdenum	98-1	11481	11661	11385	11509	1.22	cps
Neodymium	150-1	327458	331499	332271	330409	0.78	cps
Neodymium	150-2	196880	195786	195992	196220	0.30	cps
Nickel	60-2	387436	383947	383609	384998	0.55	cps
Phosphorus	31-2	50416	51052	50563	50677	0.66	cps
Potassium	39-2	3878700	3807207	3854338	3846748	0.94	cps
Rhodium	103-1	28562997	28683232	28891036	28712422	0.58	cps
Rhodium	103-2	16728263	16697892	16712718	16712957	0.09	cps
Scandium	45-1	17355063	17582847	17221034	17386315	1.05	cps
Scandium	45-2	1411256	1409022	1381588	1400622	1.18	cps
Selenium	82-1	2084	2090	2177	2117	2.46	cps
Selenium	77-2	677	603	613	631	6.30	cps
Selenium	78-2	1060	1053	1047	1053	0.63	cps
Silicon	28-1	36309835	36560195	36488829	36452953	0.35	cps
Silver	107-1	7429	7452	7589	7490	1.15	cps
Silver	109-1	6858	6588	7048	6832	3.39	cps
Sodium	23-2	221239	220942	218171	220117	0.77	cps
Strontium	86-1	752968	762903	758907	758259	0.66	cps
Strontium	88-1	6561139	6681197	6562195	6601510	1.05	cps
Sulfur	34-1	282829	280081	274511	279140	1.52	cps
Terbium	159-1	34180991	33570554	33606678	33786074	1.01	cps
Terbium	159-2	22921196	22783035	22891998	22865410	0.32	cps
Thallium	203-1	6692	6915	6875	6827	1.75	cps
Thallium	205-1	16103	16370	16433	16302	1.08	cps
Tin	118-1	36997	38244	38449	37897	2.07	cps
Titanium	47-1	2117408	2110904	2111032	2113115	0.18	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-02DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W1

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:28:07

DataFile Name :

020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54692	55261	53995	54649	1.16	cps
Vanadium	51-2	1167407	1156412	1145893	1156571	0.93	cps
Yttrium	89-1	42898631	43063216	42680264	42880704	0.45	cps
Yttrium	89-2	10628692	10533716	10597050	10586486	0.46	cps
Zinc	66-2	327928	329079	325990	327666	0.48	cps
Zirconium	90-1	537870	549414	551325	546203	1.33	cps
Zirconium	91-1	120113	121914	121861	121296	0.84	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-03DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W2 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:31:11 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15301866	15448981	15509826	15420224	0.69	cps
Antimony	121-1	24144	23790	24244	24059	0.99	cps
Arsenic	75-2	119439	118159	120215	119271	0.87	cps
Barium	135-1	2776684	2787924	2833470	2799359	1.07	cps
Barium	137-1	4812481	4838294	4810252	4820342	0.32	cps
Beryllium	9-1	2567	2506	2361	2478	4.26	cps
Bismuth	209-1	19174698	18227565	18710924	18704396	2.53	cps
Bismuth	209-2	15295301	15179461	15064871	15179877	0.76	cps
Bromine	81-1	22678	22511	23282	22823	1.78	cps
Bromine	81-2	1583	1463	1503	1517	4.03	cps
Cadmium	108-1	630	617	607	618	1.89	cps
Cadmium	106-1	11738	11645	11688	11690	0.40	cps
Cadmium	111-1	11206	11143	11061	11137	0.65	cps
Calcium	43-1	529945	530460	533644	531350	0.38	cps
Calcium	44-1	8401706	8283024	8367166	8350632	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	646492	643231	646865	645529	0.31	cps
Cobalt	59-2	538897	541814	539252	539988	0.29	cps
Copper	63-2	1328668	1321439	1315626	1321911	0.49	cps
Dysprosium	156-1	128256	128901	128575	128578	0.25	cps
Dysprosium	156-2	108327	108421	109822	108856	0.77	cps
Erbium	164-1	95527	99686	97890	97701	2.14	cps
Erbium	164-2	67901	68296	67592	67930	0.52	cps
Gadolinium	160-1	114940	115679	116852	115824	0.83	cps
Gadolinium	160-2	85861	86213	86495	86190	0.37	cps
Holmium	165-1	33330075	33427410	33378072	33378519	0.15	cps
Holmium	165-2	23456811	23131177	23078068	23222019	0.88	cps
Indium	115-1	30083319	29903594	29972110	29986341	0.30	cps
Indium	115-2	10222469	10057340	10061645	10113818	0.93	cps
Iron	56-2	593893738	590516418	588246511	590885556	0.48	cps
Iron	57-2	14578678	14580732	14493390	14550933	0.34	cps
Iron	54-2	32768346	32036524	31671643	32158838	1.74	cps
Krypton	83-1	583	490	503	526	9.60	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-03DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W2 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:31:11 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	420033	418568	419068	419223	0.18	cps
Lead	207-1	362613	359176	364687	362159	0.77	cps
Lead	208-1	1660651	1646606	1659133	1655463	0.47	cps
Lithium	6-1	3192566	2996803	3066185	3085185	3.22	cps
Magnesium	24-2	11987875	11828583	11738910	11851789	1.06	cps
Manganese	55-2	15203506	14946185	14931807	15027166	1.02	cps
Molybdenum	94-1	165419	167462	166552	166478	0.61	cps
Molybdenum	95-1	8109	8379	8342	8277	1.77	cps
Molybdenum	96-1	41649	41265	41235	41383	0.56	cps
Molybdenum	97-1	4808	5184	5151	5048	4.13	cps
Molybdenum	98-1	12008	12656	12669	12444	3.03	cps
Neodymium	150-1	251219	255563	250383	252389	1.10	cps
Neodymium	150-2	149463	149261	149445	149390	0.08	cps
Nickel	60-2	325138	324831	325025	324998	0.05	cps
Phosphorus	31-2	29612	29893	30681	30062	1.84	cps
Potassium	39-2	4114628	4039166	4137114	4096969	1.25	cps
Rhodium	103-1	29202880	28945091	28789536	28979169	0.72	cps
Rhodium	103-2	17214821	16905976	16749334	16956710	1.40	cps
Scandium	45-1	17464723	17401352	17423592	17429889	0.18	cps
Scandium	45-2	1394987	1399900	1392290	1395726	0.28	cps
Selenium	82-1	2161	2249	2238	2216	2.14	cps
Selenium	77-2	490	443	420	451	7.90	cps
Selenium	78-2	1010	893	857	920	8.70	cps
Silicon	28-1	35244223	35112434	35368692	35241783	0.36	cps
Silver	107-1	7632	7532	7802	7655	1.78	cps
Silver	109-1	6712	6785	6975	6824	1.99	cps
Sodium	23-2	187571	185764	188244	187193	0.69	cps
Strontium	86-1	719059	728830	726115	724668	0.70	cps
Strontium	88-1	6273733	6402078	6346821	6340877	1.02	cps
Sulfur	34-1	261671	261263	260629	261188	0.20	cps
Terbium	159-1	34235486	34462103	34585843	34427811	0.52	cps
Terbium	159-2	23179811	22993563	23139029	23104134	0.42	cps
Thallium	203-1	7549	7619	7826	7664	1.88	cps
Thallium	205-1	18155	17808	18549	18171	2.04	cps
Tin	118-1	33496	33713	34064	33757	0.85	cps
Titanium	47-1	2030498	2039767	2009334	2026533	0.77	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-03DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W2 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:31:11 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50127	49555	49659	49780	0.61	cps
Vanadium	51-2	1191517	1186592	1188509	1188872	0.21	cps
Yttrium	89-1	43138943	42641271	43482698	43087637	0.98	cps
Yttrium	89-2	10681462	10459624	10521180	10554089	1.09	cps
Zinc	66-2	254749	253810	254302	254287	0.18	cps
Zirconium	90-1	442935	447666	448895	446499	0.70	cps
Zirconium	91-1	99565	100719	99710	99998	0.63	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-04DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W3 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:34:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10792782	10649548	10731529	10724620	0.67	cps
Antimony	121-1	41055	41543	41032	41210	0.70	cps
Arsenic	75-2	144933	145767	144913	145204	0.34	cps
Barium	135-1	1929735	1942628	1908059	1926808	0.91	cps
Barium	137-1	3298683	3380232	3344930	3341282	1.22	cps
Beryllium	9-1	2033	2256	2111	2134	5.29	cps
Bismuth	209-1	19151722	18944331	19108870	19068308	0.57	cps
Bismuth	209-2	15299484	15364667	15156151	15273434	0.70	cps
Bromine	81-1	19843	20047	20461	20117	1.56	cps
Bromine	81-2	853	887	800	847	5.16	cps
Cadmium	108-1	1313	1317	1290	1307	1.11	cps
Cadmium	106-1	12852	12876	12766	12831	0.45	cps
Cadmium	111-1	20633	20800	20722	20718	0.40	cps
Calcium	43-1	311764	313647	312228	312546	0.31	cps
Calcium	44-1	4916291	4903755	4875456	4898501	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563008	565736	564365	564369	0.24	cps
Cobalt	59-2	545288	549247	546560	547032	0.37	cps
Copper	63-2	3017558	3002138	2983390	3001028	0.57	cps
Dysprosium	156-1	115450	116445	116640	116178	0.55	cps
Dysprosium	156-2	99070	99418	98734	99074	0.35	cps
Erbium	164-1	84011	83739	85023	84258	0.80	cps
Erbium	164-2	58709	59653	58934	59099	0.83	cps
Gadolinium	160-1	102673	103358	103516	103182	0.43	cps
Gadolinium	160-2	75934	75643	76813	76130	0.80	cps
Holmium	165-1	33279214	33579015	33663888	33507372	0.60	cps
Holmium	165-2	23478562	23492592	23262120	23411092	0.55	cps
Indium	115-1	30800539	30509027	30752113	30687226	0.51	cps
Indium	115-2	10247648	10247754	10268800	10254734	0.12	cps
Iron	56-2	566950618	565302378	560744418	564332472	0.57	cps
Iron	57-2	13818755	13915359	14024078	13919397	0.74	cps
Iron	54-2	31078667	30887684	30614122	30860158	0.76	cps
Krypton	83-1	517	553	493	521	5.80	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-04DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W3 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:34:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1161394	1187689	1182889	1177324	1.19	cps
Lead	207-1	1028948	1039041	1043174	1037054	0.71	cps
Lead	208-1	4698312	4731011	4705604	4711643	0.36	cps
Lithium	6-1	3135685	3103813	3145793	3128430	0.70	cps
Magnesium	24-2	9980776	9999475	9973801	9984684	0.13	cps
Manganese	55-2	11563702	11560189	11493437	11539109	0.34	cps
Molybdenum	94-1	188642	191583	191090	190438	0.83	cps
Molybdenum	95-1	10417	10774	10744	10645	1.86	cps
Molybdenum	96-1	47751	46865	47781	47466	1.10	cps
Molybdenum	97-1	6615	6528	6888	6677	2.82	cps
Molybdenum	98-1	16616	16563	15962	16380	2.22	cps
Neodymium	150-1	223909	227242	225300	225484	0.74	cps
Neodymium	150-2	133471	131184	131109	131921	1.02	cps
Nickel	60-2	283797	282711	280966	282492	0.51	cps
Phosphorus	31-2	32181	31432	32020	31878	1.24	cps
Potassium	39-2	4331336	4395595	4467291	4398074	1.55	cps
Rhodium	103-1	29450845	29140452	29227232	29272843	0.55	cps
Rhodium	103-2	17217838	17211206	17074373	17167806	0.47	cps
Scandium	45-1	17435616	17385403	17319411	17380143	0.34	cps
Scandium	45-2	1352559	1373507	1389627	1371898	1.35	cps
Selenium	82-1	2128	2104	2254	2162	3.73	cps
Selenium	77-2	487	433	410	443	8.86	cps
Selenium	78-2	890	940	997	942	5.66	cps
Silicon	28-1	40646335	41634463	41307547	41196115	1.22	cps
Silver	107-1	17040	17424	17237	17234	1.11	cps
Silver	109-1	15785	16099	15689	15858	1.35	cps
Sodium	23-2	200995	199395	200660	200350	0.42	cps
Strontium	86-1	418621	420528	420308	419819	0.25	cps
Strontium	88-1	3686474	3700213	3646952	3677880	0.75	cps
Sulfur	34-1	267961	264936	265519	266139	0.60	cps
Terbium	159-1	34413038	34973102	34615867	34667336	0.82	cps
Terbium	159-2	23376877	23457674	23429565	23421372	0.18	cps
Thallium	203-1	8199	7722	8356	8092	4.08	cps
Thallium	205-1	19003	19150	19354	19169	0.92	cps
Tin	118-1	40741	41349	41262	41117	0.80	cps
Titanium	47-1	2230752	2209160	2199511	2213141	0.72	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-04DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W3

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:34:16

DataFile Name :

022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48030	49957	49776	49254	2.16	cps
Vanadium	51-2	1071348	1052985	1071074	1065135	0.99	cps
Yttrium	89-1	43015838	43670011	43199124	43294991	0.78	cps
Yttrium	89-2	10570282	10599202	10522566	10564017	0.37	cps
Zinc	66-2	417020	414889	414847	415585	0.30	cps
Zirconium	90-1	505209	504135	504221	504522	0.12	cps
Zirconium	91-1	112375	113061	111872	112436	0.53	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-05DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W4 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:37:17 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11149506	11148198	10890192	11062632	1.35	cps
Antimony	121-1	42780	43188	41804	42591	1.67	cps
Arsenic	75-2	132199	130329	129398	130642	1.09	cps
Barium	135-1	1990392	1948781	1960130	1966435	1.09	cps
Barium	137-1	3382259	3342037	3406782	3377026	0.97	cps
Beryllium	9-1	2145	2128	2117	2130	0.66	cps
Bismuth	209-1	19191453	18826556	18732277	18916762	1.28	cps
Bismuth	209-2	15617616	15450058	15300587	15456087	1.03	cps
Bromine	81-1	20027	20511	20141	20226	1.25	cps
Bromine	81-2	1010	963	877	950	7.12	cps
Cadmium	108-1	1107	1063	1183	1118	5.44	cps
Cadmium	106-1	12389	13340	12355	12695	4.40	cps
Cadmium	111-1	19329	19751	18938	19339	2.10	cps
Calcium	43-1	319661	320421	320914	320332	0.20	cps
Calcium	44-1	5043023	5056436	5030136	5043198	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	592051	588047	583043	587714	0.77	cps
Cobalt	59-2	524226	521925	523860	523337	0.24	cps
Copper	63-2	2231628	2201610	2183297	2205511	1.11	cps
Dysprosium	156-1	111370	112963	111855	112063	0.73	cps
Dysprosium	156-2	93452	94478	94683	94204	0.70	cps
Erbium	164-1	82482	84745	83866	83698	1.36	cps
Erbium	164-2	57464	57739	57270	57491	0.41	cps
Gadolinium	160-1	99329	101353	100151	100278	1.02	cps
Gadolinium	160-2	72912	73297	71277	72495	1.48	cps
Holmium	165-1	33503048	34342507	33875580	33907045	1.24	cps
Holmium	165-2	23606990	23051455	23285130	23314525	1.20	cps
Indium	115-1	30482720	30339248	30318918	30380295	0.29	cps
Indium	115-2	10360414	10140266	10126536	10209072	1.29	cps
Iron	56-2	582088591	580669725	579667258	580808525	0.21	cps
Iron	57-2	14603059	14415447	14479927	14499478	0.66	cps
Iron	54-2	31892773	31823492	31759479	31825248	0.21	cps
Krypton	83-1	563	507	520	530	5.59	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-05DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W4 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:37:17 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1038656	1044887	1031257	1038267	0.66	cps
Lead	207-1	917134	921719	907882	915578	0.77	cps
Lead	208-1	4098410	4144833	4134350	4125864	0.59	cps
Lithium	6-1	3200499	3160360	3114268	3158375	1.37	cps
Magnesium	24-2	10075679	10037005	9744655	9952446	1.82	cps
Manganese	55-2	10352921	10378845	10299479	10343748	0.39	cps
Molybdenum	94-1	168490	170520	169414	169475	0.60	cps
Molybdenum	95-1	11088	11024	11214	11109	0.87	cps
Molybdenum	96-1	45119	44932	45480	45177	0.62	cps
Molybdenum	97-1	6645	6705	6818	6723	1.31	cps
Molybdenum	98-1	16963	17370	17417	17250	1.45	cps
Neodymium	150-1	218444	218308	215878	217544	0.66	cps
Neodymium	150-2	125795	125808	126548	126050	0.34	cps
Nickel	60-2	300420	299664	298384	299489	0.34	cps
Phosphorus	31-2	30290	30394	30387	30357	0.19	cps
Potassium	39-2	3934456	3952218	3871709	3919461	1.08	cps
Rhodium	103-1	29599645	29283063	29419351	29434020	0.54	cps
Rhodium	103-2	17451292	17361304	17156729	17323108	0.87	cps
Scandium	45-1	17548106	17155574	17263314	17322331	1.17	cps
Scandium	45-2	1392565	1352412	1346462	1363813	1.84	cps
Selenium	82-1	2121	2105	1996	2074	3.27	cps
Selenium	77-2	397	460	427	428	7.41	cps
Selenium	78-2	940	963	830	911	7.82	cps
Silicon	28-1	34665359	34436606	34659694	34587220	0.38	cps
Silver	107-1	12149	12856	11805	12270	4.37	cps
Silver	109-1	10951	11081	11605	11212	3.09	cps
Sodium	23-2	181601	182346	186254	183400	1.36	cps
Strontium	86-1	440494	441109	442588	441397	0.24	cps
Strontium	88-1	3776153	3869590	3841911	3829218	1.25	cps
Sulfur	34-1	265183	266051	264621	265285	0.27	cps
Terbium	159-1	35380916	35480134	34775381	35212144	1.08	cps
Terbium	159-2	23499546	23107483	23038721	23215250	1.07	cps
Thallium	203-1	7112	7822	7442	7459	4.77	cps
Thallium	205-1	17201	17405	17778	17461	1.68	cps
Tin	118-1	38264	39283	38505	38684	1.38	cps
Titanium	47-1	1963600	1959307	1953186	1958698	0.27	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-05DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W4

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:37:17

DataFile Name :

023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50030	49946	49733	49903	0.31	cps
Vanadium	51-2	1090054	1086004	1076440	1084166	0.64	cps
Yttrium	89-1	43011328	42895273	43389633	43098744	0.60	cps
Yttrium	89-2	10661117	10561495	10372050	10531554	1.39	cps
Zinc	66-2	406590	405008	402358	404652	0.53	cps
Zirconium	90-1	441941	445129	446760	444610	0.55	cps
Zirconium	91-1	99955	98944	99360	99419	0.51	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:40:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11096777	10912158	11047861	11018932	0.87	cps
Antimony	121-1	35761	36767	35998	36175	1.45	cps
Arsenic	75-2	136127	134644	137433	136068	1.03	cps
Barium	135-1	1911494	1909425	1910672	1910530	0.05	cps
Barium	137-1	3290428	3335754	3305187	3310457	0.70	cps
Beryllium	9-1	1906	1917	1878	1900	1.05	cps
Bismuth	209-1	18308857	18612359	19042168	18654462	1.98	cps
Bismuth	209-2	14999770	17240827	15383585	15874727	7.55	cps
Bromine	81-1	19129	19817	19770	19572	1.96	cps
Bromine	81-2	787	717	783	762	5.18	cps
Cadmium	108-1	1217	1297	1320	1278	4.24	cps
Cadmium	106-1	12455	12882	12769	12702	1.74	cps
Cadmium	111-1	21090	21707	21654	21484	1.59	cps
Calcium	43-1	462584	467851	464886	465107	0.57	cps
Calcium	44-1	7266628	7381244	7342354	7330076	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	544469	537057	539783	540436	0.69	cps
Cobalt	59-2	526749	519611	521925	522762	0.70	cps
Copper	63-2	3475530	3404075	3426046	3435217	1.07	cps
Dysprosium	156-1	105697	106618	106954	106423	0.61	cps
Dysprosium	156-2	89593	88966	90163	89574	0.67	cps
Erbium	164-1	77714	79032	79273	78673	1.07	cps
Erbium	164-2	54426	53823	53990	54080	0.57	cps
Gadolinium	160-1	95144	96560	95845	95850	0.74	cps
Gadolinium	160-2	69320	69146	68992	69153	0.24	cps
Holmium	165-1	31614518	33691737	33509360	32938538	3.49	cps
Holmium	165-2	22463153	26072445	23566690	24034096	7.70	cps
Indium	115-1	28937656	29742008	30080409	29586691	1.98	cps
Indium	115-2	9805464	11493113	10233590	10510723	8.35	cps
Iron	56-2	537762725	521348126	524780819	527963890	1.64	cps
Iron	57-2	13076314	12861346	13093411	13010357	0.99	cps
Iron	54-2	28997757	28385787	28940847	28774797	1.17	cps
Krypton	83-1	437	503	520	487	9.06	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:40:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1385005	1387566	1393531	1388700	0.32	cps
Lead	207-1	1233472	1239529	1233216	1235405	0.29	cps
Lead	208-1	5569988	5587379	5577213	5578193	0.16	cps
Lithium	6-1	3114560	3012560	3153098	3093406	2.35	cps
Magnesium	24-2	10723115	10673978	10876655	10757916	0.98	cps
Manganese	55-2	9791199	9654676	9776774	9740883	0.77	cps
Molybdenum	94-1	210490	211744	211250	211161	0.30	cps
Molybdenum	95-1	8913	8769	9133	8938	2.05	cps
Molybdenum	96-1	48554	49514	49039	49035	0.98	cps
Molybdenum	97-1	5484	5741	5514	5580	2.52	cps
Molybdenum	98-1	14247	13937	13853	14012	1.48	cps
Neodymium	150-1	206639	208090	207326	207352	0.35	cps
Neodymium	150-2	121972	118459	117993	119475	1.82	cps
Nickel	60-2	289785	284786	286532	287035	0.88	cps
Phosphorus	31-2	36717	36751	37058	36842	0.51	cps
Potassium	39-2	3450036	3400529	3380256	3410273	1.05	cps
Rhodium	103-1	27678115	28609454	29110542	28466037	2.55	cps
Rhodium	103-2	16500230	19253936	17318669	17690945	7.99	cps
Scandium	45-1	16531433	16929977	17256166	16905859	2.15	cps
Scandium	45-2	1322184	1508723	1379984	1403630	6.80	cps
Selenium	82-1	2073	1914	2137	2042	5.62	cps
Selenium	77-2	430	383	447	420	7.82	cps
Selenium	78-2	887	1000	853	913	8.42	cps
Silicon	28-1	41696700	41543577	41326294	41522190	0.45	cps
Silver	107-1	21125	21453	20945	21174	1.21	cps
Silver	109-1	20104	19894	20134	20044	0.65	cps
Sodium	23-2	192146	194054	195988	194063	0.99	cps
Strontium	86-1	509649	511124	511639	510804	0.20	cps
Strontium	88-1	4439000	4497075	4416287	4450788	0.94	cps
Sulfur	34-1	278882	276693	276027	277201	0.54	cps
Terbium	159-1	33060550	33733519	34685794	33826621	2.41	cps
Terbium	159-2	22117597	25634923	23345913	23699478	7.53	cps
Thallium	203-1	6738	6538	6598	6625	1.55	cps
Thallium	205-1	15959	16216	16637	16271	2.10	cps
Tin	118-1	41513	42803	46688	43668	6.17	cps
Titanium	47-1	2026346	2038053	2030218	2031539	0.29	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:40:21

DataFile Name :

024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41180	40735	40562	40826	0.78	cps
Vanadium	51-2	1012052	996331	1004936	1004440	0.78	cps
Yttrium	89-1	41557483	42375159	42770578	42234406	1.46	cps
Yttrium	89-2	10000299	11677285	10584579	10754054	7.92	cps
Zinc	66-2	415656	411186	414729	413857	0.57	cps
Zirconium	90-1	558445	564514	564485	562481	0.62	cps
Zirconium	91-1	125545	127297	124640	125827	1.07	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-07DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5D Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:43:23 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11117258	11134090	11056563	11102637	0.37	cps
Antimony	121-1	35748	35868	35748	35788	0.19	cps
Arsenic	75-2	135885	135159	134836	135293	0.40	cps
Barium	135-1	1921611	1893472	1908119	1907734	0.74	cps
Barium	137-1	3247738	3336252	3211625	3265205	1.96	cps
Beryllium	9-1	1956	1872	2039	1956	4.26	cps
Bismuth	209-1	19004602	18744911	18624201	18791238	1.03	cps
Bismuth	209-2	15284187	15254696	15343376	15294086	0.30	cps
Bromine	81-1	19840	19069	19733	19548	2.14	cps
Bromine	81-2	803	833	800	812	2.26	cps
Cadmium	108-1	1290	1243	1230	1255	2.51	cps
Cadmium	106-1	13496	13029	12639	13055	3.29	cps
Cadmium	111-1	21320	21566	21376	21421	0.60	cps
Calcium	43-1	462362	463673	458917	461650	0.53	cps
Calcium	44-1	7344516	7362832	7201047	7302798	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	532470	529537	528593	530200	0.38	cps
Cobalt	59-2	523142	514917	516070	518043	0.86	cps
Copper	63-2	3443557	3479834	3409807	3444399	1.02	cps
Dysprosium	156-1	105624	105906	105231	105587	0.32	cps
Dysprosium	156-2	88916	89660	88258	88945	0.79	cps
Erbium	164-1	78331	78308	78123	78254	0.15	cps
Erbium	164-2	53405	53679	54071	53718	0.62	cps
Gadolinium	160-1	93436	93751	93821	93669	0.22	cps
Gadolinium	160-2	68875	68292	67857	68341	0.75	cps
Holmium	165-1	33754795	33150480	33030994	33312090	1.16	cps
Holmium	165-2	23091050	22789225	22917634	22932636	0.66	cps
Indium	115-1	30079311	30381797	29634367	30031825	1.25	cps
Indium	115-2	10127222	10041038	10039037	10069099	0.50	cps
Iron	56-2	523429766	529270312	519845526	524181868	0.91	cps
Iron	57-2	12973652	12789307	12969528	12910829	0.82	cps
Iron	54-2	28528268	28248331	28635857	28470819	0.70	cps
Krypton	83-1	460	447	483	463	4.01	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-07DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5D Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:43:23 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1978536	1944868	1963547	1962317	0.86	cps
Lead	207-1	1744815	1728758	1714797	1729457	0.87	cps
Lead	208-1	7929915	7881360	7858045	7889773	0.46	cps
Lithium	6-1	3108207	3003546	3038664	3050139	1.75	cps
Magnesium	24-2	10609564	10622395	10550224	10594061	0.36	cps
Manganese	55-2	9658128	9752862	9606465	9672485	0.77	cps
Molybdenum	94-1	209777	209490	208523	209263	0.31	cps
Molybdenum	95-1	8909	8983	8493	8795	3.01	cps
Molybdenum	96-1	49340	48614	49554	49169	1.00	cps
Molybdenum	97-1	5444	5611	5674	5577	2.13	cps
Molybdenum	98-1	14267	13463	13410	13713	3.50	cps
Neodymium	150-1	203684	202918	204698	203767	0.44	cps
Neodymium	150-2	120328	118193	119380	119300	0.90	cps
Nickel	60-2	307415	306037	305582	306344	0.31	cps
Phosphorus	31-2	36991	36223	36610	36608	1.05	cps
Potassium	39-2	3355098	3380364	3343517	3359660	0.56	cps
Rhodium	103-1	29207268	28944985	29107665	29086639	0.46	cps
Rhodium	103-2	16765546	16685032	16700191	16716923	0.26	cps
Scandium	45-1	17351098	17179314	17096267	17208893	0.76	cps
Scandium	45-2	1384610	1371067	1342522	1366066	1.57	cps
Selenium	82-1	2102	2165	1955	2074	5.19	cps
Selenium	77-2	330	340	423	364	14.06	cps
Selenium	78-2	1043	900	970	971	7.38	cps
Silicon	28-1	41513744	41258685	41835927	41536119	0.70	cps
Silver	107-1	21603	21726	21553	21627	0.41	cps
Silver	109-1	19984	19730	19323	19679	1.69	cps
Sodium	23-2	193510	193922	191785	193072	0.59	cps
Strontium	86-1	506843	505956	506796	506532	0.10	cps
Strontium	88-1	4452051	4488805	4470286	4470381	0.41	cps
Sulfur	34-1	280298	277527	273869	277232	1.16	cps
Terbium	159-1	34290313	34099484	34573919	34321239	0.70	cps
Terbium	159-2	22938772	22724112	22531725	22731536	0.90	cps
Thallium	203-1	6632	6675	6378	6562	2.44	cps
Thallium	205-1	15295	15669	15272	15412	1.45	cps
Tin	118-1	41964	42105	43044	42371	1.39	cps
Titanium	47-1	2010623	2021207	1986977	2006269	0.87	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-07DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5D Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:43:23 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39609	40281	39518	39803	1.05	cps
Vanadium	51-2	987990	985966	986526	986827	0.11	cps
Yttrium	89-1	43169518	43587896	42834189	43197201	0.87	cps
Yttrium	89-2	10370713	10310200	10215567	10298826	0.76	cps
Zinc	66-2	427943	427380	426738	427354	0.14	cps
Zirconium	90-1	558447	559913	560929	559763	0.22	cps
Zirconium	91-1	124899	124617	125441	124986	0.34	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06LDLX10 Instrumnet Name : P7
Client Sample ID : MYE4W5L Dilution Factor : 10
Date & Time Acquired : 2024-11-13 18:46:27 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2108216	2160387	2124653	2131085	1.25	cps
Antimony	121-1	6978	7078	6998	7018	0.75	cps
Arsenic	75-2	26494	26110	25529	26044	1.87	cps
Barium	135-1	358381	358136	360465	358994	0.36	cps
Barium	137-1	629490	621812	617481	622928	0.98	cps
Beryllium	9-1	322	483	356	387	21.97	cps
Bismuth	209-1	18365091	18942728	18335289	18547703	1.85	cps
Bismuth	209-2	15196485	15281398	15222750	15233544	0.29	cps
Bromine	81-1	17130	16700	16449	16760	2.05	cps
Bromine	81-2	217	253	230	233	7.95	cps
Cadmium	108-1	267	317	310	298	9.12	cps
Cadmium	106-1	11201	10737	10120	10686	5.07	cps
Cadmium	111-1	10314	10138	9591	10014	3.77	cps
Calcium	43-1	88667	88844	89049	88853	0.22	cps
Calcium	44-1	1459908	1465185	1419374	1448156	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105895	106697	106939	106510	0.51	cps
Cobalt	59-2	101641	100896	102272	101603	0.68	cps
Copper	63-2	665872	665039	656560	662490	0.78	cps
Dysprosium	156-1	19954	20151	20291	20132	0.84	cps
Dysprosium	156-2	16820	17020	17027	16956	0.69	cps
Erbium	164-1	15305	14855	14955	15038	1.57	cps
Erbium	164-2	10331	10230	10160	10241	0.84	cps
Gadolinium	160-1	18449	18459	17968	18292	1.53	cps
Gadolinium	160-2	13703	13910	14030	13881	1.19	cps
Holmium	165-1	32929787	32872755	32833920	32878821	0.15	cps
Holmium	165-2	22973755	22966760	22722962	22887825	0.62	cps
Indium	115-1	30068545	30060820	29806855	29978740	0.50	cps
Indium	115-2	10138134	10190885	9970083	10099701	1.14	cps
Iron	56-2	101415435	101802225	99173099	100796920	1.41	cps
Iron	57-2	2539433	2482621	2459175	2493743	1.65	cps
Iron	54-2	5462745	5523277	5489687	5491903	0.55	cps
Krypton	83-1	407	390	470	422	10.00	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06LDLX10 Instrumnet Name : P7
Client Sample ID : MYE4W5L Dilution Factor : 10
Date & Time Acquired : 2024-11-13 18:46:27 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	264958	265139	264219	264772	0.18	cps
Lead	207-1	233490	234992	234153	234211	0.32	cps
Lead	208-1	1059416	1064188	1056105	1059903	0.38	cps
Lithium	6-1	3109365	3024476	3057159	3063667	1.40	cps
Magnesium	24-2	2016039	2058943	2065553	2046845	1.31	cps
Manganese	55-2	1894849	1899555	1893235	1895880	0.17	cps
Molybdenum	94-1	40867	40900	41258	41008	0.53	cps
Molybdenum	95-1	1803	1870	1933	1869	3.48	cps
Molybdenum	96-1	9243	9817	9717	9592	3.19	cps
Molybdenum	97-1	1090	1047	1027	1054	3.07	cps
Molybdenum	98-1	2630	2734	2640	2668	2.14	cps
Neodymium	150-1	39315	39532	39726	39524	0.52	cps
Neodymium	150-2	23226	22805	22064	22698	2.59	cps
Nickel	60-2	56442	56797	56506	56582	0.33	cps
Phosphorus	31-2	7355	7359	7248	7321	0.86	cps
Potassium	39-2	738027	736667	742839	739178	0.44	cps
Rhodium	103-1	29055800	29111557	28743323	28970227	0.69	cps
Rhodium	103-2	17000981	17128166	16847849	16992332	0.83	cps
Scandium	45-1	16889406	16732701	16663459	16761855	0.69	cps
Scandium	45-2	1322147	1333074	1329041	1328087	0.42	cps
Selenium	82-1	1827	1802	1718	1782	3.20	cps
Selenium	77-2	77	63	50	63	21.06	cps
Selenium	78-2	577	640	707	641	10.14	cps
Silicon	28-1	9256608	9276112	9115488	9216069	0.95	cps
Silver	107-1	4377	4387	4537	4434	2.02	cps
Silver	109-1	3911	4084	3827	3941	3.32	cps
Sodium	23-2	109693	107378	108234	108435	1.08	cps
Strontium	86-1	98168	99077	97892	98379	0.63	cps
Strontium	88-1	846719	843830	848258	846269	0.27	cps
Sulfur	34-1	257318	257379	253990	256229	0.76	cps
Terbium	159-1	34052765	34106485	34103462	34087571	0.09	cps
Terbium	159-2	22737275	22767395	22636462	22713711	0.30	cps
Thallium	203-1	1927	1863	1680	1823	7.03	cps
Thallium	205-1	4481	4181	4247	4303	3.66	cps
Tin	118-1	11511	11802	11561	11625	1.33	cps
Titanium	47-1	382334	380972	380299	381202	0.27	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06LDLX10

Instrumnet Name :

P7

Client Sample ID :

MYE4W5L

Dilution Factor :

10

Date & Time Acquired :

2024-11-13 18:46:27

DataFile Name :

026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7482	7429	7702	7538	1.92	cps
Vanadium	51-2	192438	191901	191540	191960	0.24	cps
Yttrium	89-1	41493629	40844578	41304491	41214232	0.81	cps
Yttrium	89-2	10092193	10149690	10121097	10120993	0.28	cps
Zinc	66-2	83140	83247	81759	82715	1.00	cps
Zirconium	90-1	110273	109588	109568	109810	0.37	cps
Zirconium	91-1	24484	24908	23896	24429	2.08	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-08DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5S Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:49:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11201186	11242381	11218876	11220814	0.18	cps
Antimony	121-1	788587	798505	791281	792791	0.65	cps
Arsenic	75-2	155036	154219	153306	154187	0.56	cps
Barium	135-1	5446854	5427010	5429682	5434515	0.20	cps
Barium	137-1	9410955	9350503	9290696	9350718	0.64	cps
Beryllium	9-1	34266	34494	33609	34123	1.35	cps
Bismuth	209-1	18671673	18425946	18632442	18576687	0.71	cps
Bismuth	209-2	15067409	15129866	14668464	14955246	1.67	cps
Bromine	81-1	18558	18041	18101	18234	1.55	cps
Bromine	81-2	687	647	687	673	3.43	cps
Cadmium	108-1	7662	7709	7622	7664	0.57	cps
Cadmium	106-1	21730	21947	21780	21819	0.52	cps
Cadmium	111-1	119650	121613	121933	121065	1.02	cps
Calcium	43-1	464974	470892	471147	469004	0.74	cps
Calcium	44-1	7457510	7487876	7400803	7448730	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1136859	1134286	1129500	1133548	0.33	cps
Cobalt	59-2	3025255	2959776	2954954	2979995	1.32	cps
Copper	63-2	4370427	4333331	4333959	4345906	0.49	cps
Dysprosium	156-1	106406	107799	105660	106622	1.02	cps
Dysprosium	156-2	92334	91778	90758	91623	0.87	cps
Erbium	164-1	79930	80363	80038	80110	0.28	cps
Erbium	164-2	56082	54991	55329	55467	1.01	cps
Gadolinium	160-1	95238	95748	97047	96011	0.97	cps
Gadolinium	160-2	71032	71340	70898	71090	0.32	cps
Holmium	165-1	32812760	33180198	32980474	32991144	0.56	cps
Holmium	165-2	23179579	23028695	22475772	22894682	1.62	cps
Indium	115-1	29476276	29466027	29067564	29336622	0.79	cps
Indium	115-2	10015790	10118452	9880846	10005030	1.19	cps
Iron	56-2	542385592	535995165	531997659	536792805	0.98	cps
Iron	57-2	13514345	13255446	13176046	13315279	1.33	cps
Iron	54-2	29552361	29646548	28783497	29327469	1.61	cps
Krypton	83-1	433	500	487	473	7.45	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-08DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5S Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:49:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1479835	1499385	1507823	1495681	0.96	cps
Lead	207-1	1329785	1328541	1334892	1331073	0.25	cps
Lead	208-1	6012489	6007962	6078881	6033111	0.66	cps
Lithium	6-1	2979260	2941069	2970365	2963565	0.67	cps
Magnesium	24-2	10661186	10706081	10745992	10704420	0.40	cps
Manganese	55-2	11203429	11150590	10925957	11093325	1.33	cps
Molybdenum	94-1	209056	209352	208851	209086	0.12	cps
Molybdenum	95-1	9993	9713	9326	9678	3.46	cps
Molybdenum	96-1	49356	50012	49741	49703	0.66	cps
Molybdenum	97-1	5721	5805	5925	5817	1.76	cps
Molybdenum	98-1	14874	14894	15001	14923	0.46	cps
Neodymium	150-1	207935	210262	211341	209846	0.83	cps
Neodymium	150-2	123071	122385	120890	122115	0.91	cps
Nickel	60-2	913941	916155	905885	911993	0.59	cps
Phosphorus	31-2	36817	37105	36851	36925	0.43	cps
Potassium	39-2	3403147	3457931	3445258	3435445	0.83	cps
Rhodium	103-1	28582314	28386336	27976695	28315115	1.09	cps
Rhodium	103-2	16802461	17009649	16499160	16770423	1.53	cps
Scandium	45-1	16883605	16903140	17004867	16930537	0.38	cps
Scandium	45-2	1359222	1371237	1331745	1354068	1.50	cps
Selenium	82-1	16140	16317	16408	16288	0.84	cps
Selenium	77-2	1730	1703	1830	1755	3.81	cps
Selenium	78-2	4924	5311	5061	5099	3.85	cps
Silicon	28-1	35323269	36364654	35577054	35754992	1.52	cps
Silver	107-1	434367	438024	432492	434961	0.65	cps
Silver	109-1	410433	411803	412070	411435	0.21	cps
Sodium	23-2	183999	184417	187699	185372	1.09	cps
Strontium	86-1	502397	511224	510713	508111	0.98	cps
Strontium	88-1	4359789	4394647	4448730	4401055	1.02	cps
Sulfur	34-1	268721	270477	267543	268914	0.55	cps
Terbium	159-1	34555519	33972904	33883493	34137305	1.07	cps
Terbium	159-2	23040168	22916652	22679574	22878798	0.80	cps
Thallium	203-1	293605	296461	293917	294661	0.53	cps
Thallium	205-1	703066	707193	700980	703746	0.45	cps
Tin	118-1	42670	43138	43556	43121	1.03	cps
Titanium	47-1	1950197	2003284	1978150	1977211	1.34	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-08DLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5S Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:49:35 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41140	41019	41391	41183	0.46	cps
Vanadium	51-2	2293741	2312012	2278576	2294777	0.73	cps
Yttrium	89-1	42376868	42427861	42029166	42277965	0.51	cps
Yttrium	89-2	10331343	10361420	10149576	10280780	1.11	cps
Zinc	66-2	711885	698408	702319	704204	0.98	cps
Zirconium	90-1	549693	556596	554001	553430	0.63	cps
Zirconium	91-1	121904	125817	124314	124012	1.59	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06MSDLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5SRE Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:52:37 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12548741	12444428	12544819	12512663	0.47	cps
Antimony	121-1	3984531	3935913	3917642	3946029	0.88	cps
Arsenic	75-2	216398	214750	213879	215009	0.60	cps
Barium	135-1	20408119	20518448	20674951	20533839	0.65	cps
Barium	137-1	34864539	35098719	34880072	34947777	0.37	cps
Beryllium	9-1	174175	170424	168391	170997	1.72	cps
Bismuth	209-1	19413392	19241797	18977568	19210919	1.14	cps
Bismuth	209-2	15552142	15226850	15537178	15438723	1.19	cps
Bromine	81-1	18568	19002	19046	18872	1.40	cps
Bromine	81-2	723	733	650	702	6.48	cps
Cadmium	108-1	35938	35604	35520	35687	0.62	cps
Cadmium	106-1	59625	60897	59096	59873	1.55	cps
Cadmium	111-1	530020	539825	543548	537798	1.30	cps
Calcium	43-1	464294	464854	462199	463782	0.30	cps
Calcium	44-1	7304478	7333642	7293023	7310381	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3638437	3666847	3646383	3650556	0.40	cps
Cobalt	59-2	13033646	13286426	13040047	13120040	1.10	cps
Copper	63-2	7834004	7956025	7886033	7892021	0.78	cps
Dysprosium	156-1	106839	106930	109379	107716	1.34	cps
Dysprosium	156-2	91707	91338	90475	91173	0.69	cps
Erbium	164-1	78737	80577	79947	79754	1.17	cps
Erbium	164-2	55236	54764	55493	55164	0.67	cps
Gadolinium	160-1	96681	96237	95190	96036	0.80	cps
Gadolinium	160-2	70221	69683	69448	69784	0.57	cps
Holmium	165-1	34034432	33488620	33463895	33662315	0.96	cps
Holmium	165-2	23633335	23444935	23529613	23535961	0.40	cps
Indium	115-1	31090915	30870426	30150958	30704100	1.60	cps
Indium	115-2	10093025	10083026	10214739	10130263	0.72	cps
Iron	56-2	549014672	541072619	541000939	543696076	0.85	cps
Iron	57-2	13418691	13473464	13441922	13444692	0.20	cps
Iron	54-2	29967558	29732714	29693967	29798080	0.50	cps
Krypton	83-1	543	480	540	521	6.84	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-06MSDLX2 Instrumnet Name : P7
Client Sample ID : MYE4W5SRE Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:52:37 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1932433	1921007	1895155	1916198	1.00	cps
Lead	207-1	1667906	1699383	1686091	1684460	0.94	cps
Lead	208-1	7583203	7725747	7647812	7652254	0.93	cps
Lithium	6-1	3165684	3021489	2883354	3023509	4.67	cps
Magnesium	24-2	10852503	10736544	10840115	10809721	0.59	cps
Manganese	55-2	15623861	15388843	15266358	15426354	1.18	cps
Molybdenum	94-1	207543	208414	208700	208219	0.29	cps
Molybdenum	95-1	9647	10020	9577	9748	2.45	cps
Molybdenum	96-1	49547	50370	49223	49713	1.19	cps
Molybdenum	97-1	6048	6155	5898	6034	2.14	cps
Molybdenum	98-1	15388	15698	15315	15467	1.32	cps
Neodymium	150-1	208964	210492	211605	210353	0.63	cps
Neodymium	150-2	122167	122086	122499	122251	0.18	cps
Nickel	60-2	3606057	3636960	3578979	3607332	0.80	cps
Phosphorus	31-2	37352	36871	37225	37150	0.67	cps
Potassium	39-2	3377003	3334353	3339239	3350198	0.70	cps
Rhodium	103-1	30037233	29450422	29563835	29683830	1.05	cps
Rhodium	103-2	17068144	16989613	16966471	17008076	0.31	cps
Scandium	45-1	17621246	17195444	17175894	17330861	1.45	cps
Scandium	45-2	1365018	1350670	1372326	1362671	0.81	cps
Selenium	82-1	71086	70566	70689	70780	0.38	cps
Selenium	77-2	6572	6505	6558	6545	0.54	cps
Selenium	78-2	21803	21789	21683	21758	0.30	cps
Silicon	28-1	35708722	35792100	35746171	35748998	0.12	cps
Silver	107-1	2175287	2229418	2180899	2195201	1.36	cps
Silver	109-1	2075138	2077637	2079198	2077324	0.10	cps
Sodium	23-2	185824	183948	183426	184399	0.68	cps
Strontium	86-1	504553	501989	503123	503222	0.26	cps
Strontium	88-1	4397801	4425329	4375172	4399434	0.57	cps
Sulfur	34-1	276654	272954	269490	273033	1.31	cps
Terbium	159-1	35873154	34613354	34621840	35036116	2.07	cps
Terbium	159-2	23300378	23315739	23314686	23310268	0.04	cps
Thallium	203-1	1522821	1525973	1520386	1523060	0.18	cps
Thallium	205-1	3667691	3599335	3648286	3638438	0.97	cps
Tin	118-1	43495	42613	43543	43217	1.21	cps
Titanium	47-1	1966367	1971293	1960667	1966109	0.27	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-06MSDLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4W5SRE

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:52:37

DataFile Name :

028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40769	40301	40133	40401	0.82	cps
Vanadium	51-2	7561985	7585121	7592915	7580007	0.21	cps
Yttrium	89-1	43850356	43405838	43150739	43468978	0.81	cps
Yttrium	89-2	10422847	10490858	10439915	10451207	0.34	cps
Zinc	66-2	1872918	1848415	1875757	1865697	0.81	cps
Zirconium	90-1	553681	558555	559337	557191	0.55	cps
Zirconium	91-1	121931	124631	122986	123183	1.10	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-12DLX2 Instrumnet Name : P7
Client Sample ID : MYE4Y1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:55:28 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10505102	10496468	10617900	10539823	0.64	cps
Antimony	121-1	42038	41784	42021	41948	0.34	cps
Arsenic	75-2	148602	148047	148531	148393	0.20	cps
Barium	135-1	1713743	1688842	1740970	1714518	1.52	cps
Barium	137-1	2986269	2978309	2996734	2987104	0.31	cps
Beryllium	9-1	2606	2506	2389	2500	4.34	cps
Bismuth	209-1	19573769	19962163	19339926	19625286	1.60	cps
Bismuth	209-2	15594161	15522984	15617325	15578157	0.32	cps
Bromine	81-1	19663	19713	19827	19734	0.42	cps
Bromine	81-2	897	920	973	930	4.23	cps
Cadmium	108-1	1347	1220	1297	1288	4.95	cps
Cadmium	106-1	12986	12662	12532	12727	1.84	cps
Cadmium	111-1	22705	23007	22142	22618	1.94	cps
Calcium	43-1	266014	263120	266472	265202	0.69	cps
Calcium	44-1	4197395	4228085	4178254	4201245	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	629885	637902	626964	631583	0.90	cps
Cobalt	59-2	573408	570399	579197	574335	0.78	cps
Copper	63-2	3352343	3293032	3351768	3332381	1.02	cps
Dysprosium	156-1	113665	113776	114115	113852	0.21	cps
Dysprosium	156-2	94418	93992	93371	93927	0.56	cps
Erbium	164-1	90984	89904	89347	90078	0.92	cps
Erbium	164-2	61796	62047	62221	62021	0.34	cps
Gadolinium	160-1	103183	103472	104237	103631	0.53	cps
Gadolinium	160-2	75837	75827	75063	75576	0.59	cps
Holmium	165-1	33474512	33765910	33776300	33672240	0.51	cps
Holmium	165-2	23684919	23136076	23561067	23460687	1.23	cps
Indium	115-1	30509880	30613956	30222199	30448678	0.67	cps
Indium	115-2	10333040	10267399	10092929	10231123	1.21	cps
Iron	56-2	674608043	669403710	664719817	669577190	0.74	cps
Iron	57-2	16628466	16287223	16584073	16499921	1.12	cps
Iron	54-2	36641639	36680413	36124533	36482195	0.85	cps
Krypton	83-1	567	517	557	547	4.84	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4524-12DLX2 Instrumnet Name : P7
Client Sample ID : MYE4Y1 Dilution Factor : 2
Date & Time Acquired : 2024-11-13 18:55:28 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1357230	1352422	1352198	1353950	0.21	cps
Lead	207-1	1188840	1196072	1191445	1192119	0.31	cps
Lead	208-1	5463740	5474938	5400265	5446315	0.74	cps
Lithium	6-1	3136940	3169786	3029465	3112064	2.36	cps
Magnesium	24-2	9072078	9005490	9155712	9077760	0.83	cps
Manganese	55-2	14118321	14149538	13980497	14082785	0.64	cps
Molybdenum	94-1	152248	152896	155020	153388	0.95	cps
Molybdenum	95-1	11408	11535	11121	11354	1.87	cps
Molybdenum	96-1	42020	43531	43825	43126	2.25	cps
Molybdenum	97-1	7255	7042	6812	7036	3.15	cps
Molybdenum	98-1	17754	18375	17751	17960	2.00	cps
Neodymium	150-1	206934	207573	205882	206796	0.41	cps
Neodymium	150-2	119881	119505	120190	119859	0.29	cps
Nickel	60-2	267928	264485	264716	265710	0.72	cps
Phosphorus	31-2	29712	29361	29535	29536	0.59	cps
Potassium	39-2	4956166	5021478	4972241	4983295	0.68	cps
Rhodium	103-1	29408263	29134262	29178513	29240346	0.50	cps
Rhodium	103-2	17487505	17150448	17105305	17247752	1.21	cps
Scandium	45-1	17238663	17303885	17212331	17251626	0.27	cps
Scandium	45-2	1397160	1419599	1369957	1395572	1.78	cps
Selenium	82-1	2145	2145	2083	2124	1.68	cps
Selenium	77-2	343	463	337	381	18.71	cps
Selenium	78-2	973	763	863	867	12.12	cps
Silicon	28-1	39097410	38704540	38934250	38912067	0.51	cps
Silver	107-1	22003	21489	21246	21579	1.79	cps
Silver	109-1	19957	20455	19533	19982	2.31	cps
Sodium	23-2	193139	188583	191721	191148	1.22	cps
Strontium	86-1	297796	296688	297392	297292	0.19	cps
Strontium	88-1	2600142	2666604	2616464	2627737	1.32	cps
Sulfur	34-1	268740	269921	268039	268900	0.35	cps
Terbium	159-1	35141135	34828686	34907589	34959137	0.46	cps
Terbium	159-2	23475662	23055470	23228557	23253230	0.91	cps
Thallium	203-1	9333	8950	9373	9219	2.54	cps
Thallium	205-1	22071	21243	20556	21290	3.56	cps
Tin	118-1	40386	39895	40965	40415	1.32	cps
Titanium	47-1	2455258	2510598	2482616	2482824	1.11	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4524-12DLX2

Instrumnet Name :

P7

Client Sample ID :

MYE4Y1

Dilution Factor :

2

Date & Time Acquired :

2024-11-13 18:55:28

DataFile Name :

029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52781	53243	53648	53224	0.82	cps
Vanadium	51-2	1357483	1374927	1333390	1355267	1.54	cps
Yttrium	89-1	43327324	43447926	43631033	43468761	0.35	cps
Yttrium	89-2	10609244	10414435	10418331	10480670	1.06	cps
Zinc	66-2	450847	446749	455042	450880	0.92	cps
Zirconium	90-1	401027	399792	402573	401131	0.35	cps
Zirconium	91-1	89262	89859	89903	89675	0.40	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4543-03A Instrumnet Name : P7
Client Sample ID : MYE5F5ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:58:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19571803	19158578	19007459	19245947	1.52	cps
Antimony	121-1	27697	27854	28084	27878	0.70	cps
Arsenic	75-2	524787	525274	525782	525281	0.09	cps
Barium	135-1	3789267	3825693	3757852	3790938	0.90	cps
Barium	137-1	6518507	6497631	6521234	6512457	0.20	cps
Beryllium	9-1	4034	4479	4128	4214	5.56	cps
Bismuth	209-1	19506713	19311142	19746779	19521545	1.12	cps
Bismuth	209-2	15525772	15360172	15453076	15446340	0.54	cps
Bromine	81-1	28748	29980	30588	29772	3.15	cps
Bromine	81-2	2687	2897	3120	2901	7.47	cps
Cadmium	108-1	1267	1263	1263	1265	0.15	cps
Cadmium	106-1	13229	12616	13259	13035	2.79	cps
Cadmium	111-1	19915	19758	20239	19971	1.23	cps
Calcium	43-1	724480	736559	730429	730489	0.83	cps
Calcium	44-1	11480840	11428930	11665711	11525161	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020837	1026884	1020998	1022906	0.34	cps
Cobalt	59-2	787169	791274	785080	787841	0.40	cps
Copper	63-2	2669235	2667649	2716924	2684603	1.04	cps
Dysprosium	156-1	166985	171929	169462	169459	1.46	cps
Dysprosium	156-2	140471	139259	140343	140024	0.48	cps
Erbium	164-1	127546	131260	130200	129668	1.48	cps
Erbium	164-2	87847	88920	87767	88178	0.73	cps
Gadolinium	160-1	152636	154168	151897	152900	0.76	cps
Gadolinium	160-2	109528	108093	108345	108655	0.71	cps
Holmium	165-1	34027796	34138646	34483213	34216552	0.69	cps
Holmium	165-2	23639931	23334065	23475226	23483074	0.65	cps
Indium	115-1	29917515	29984531	29932434	29944827	0.12	cps
Indium	115-2	10208623	9994123	10175673	10126140	1.14	cps
Iron	56-2	844112334	834729934	828521108	835787792	0.94	cps
Iron	57-2	20577077	20566405	20623325	20588936	0.15	cps
Iron	54-2	46119793	45837129	46106174	46021032	0.35	cps
Krypton	83-1	527	480	587	531	10.07	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4543-03A Instrumnet Name : P7
Client Sample ID : MYE5F5ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:58:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5036275	5128834	5097877	5087662	0.93	cps
Lead	207-1	4446937	4546693	4576098	4523243	1.50	cps
Lead	208-1	20361389	20526527	20739378	20542431	0.92	cps
Lithium	6-1	3111952	3103023	3020493	3078489	1.64	cps
Magnesium	24-2	14473696	14279646	14339792	14364378	0.69	cps
Manganese	55-2	33837457	33793625	33589750	33740277	0.39	cps
Molybdenum	94-1	201194	204379	206735	204102	1.36	cps
Molybdenum	95-1	13883	13900	14360	14048	1.93	cps
Molybdenum	96-1	54070	54320	56556	54982	2.49	cps
Molybdenum	97-1	7749	8406	8686	8280	5.81	cps
Molybdenum	98-1	20865	21493	20915	21091	1.65	cps
Neodymium	150-1	314212	317899	319815	317309	0.90	cps
Neodymium	150-2	183738	180621	182438	182266	0.86	cps
Nickel	60-2	380323	386577	383704	383535	0.82	cps
Phosphorus	31-2	46845	45257	46143	46081	1.73	cps
Potassium	39-2	8124856	8213478	8189197	8175844	0.56	cps
Rhodium	103-1	29104031	28865770	28921879	28963893	0.43	cps
Rhodium	103-2	17298703	16933925	17170273	17134300	1.08	cps
Scandium	45-1	17256867	17230395	17478597	17321953	0.79	cps
Scandium	45-2	1403992	1390990	1422720	1405900	1.13	cps
Selenium	82-1	2203	2289	2188	2227	2.46	cps
Selenium	77-2	610	597	607	604	1.15	cps
Selenium	78-2	1130	1060	920	1037	10.31	cps
Silicon	28-1	96121025	96948292	95608009	96225775	0.70	cps
Silver	107-1	40393	41215	41720	41109	1.63	cps
Silver	109-1	37823	38986	38107	38305	1.58	cps
Sodium	23-2	287925	285678	287756	287120	0.44	cps
Strontium	86-1	597775	613450	606758	605994	1.30	cps
Strontium	88-1	5261210	5324268	5299910	5295129	0.60	cps
Sulfur	34-1	301571	297556	294227	297785	1.23	cps
Terbium	159-1	34715537	35386534	35035816	35045962	0.96	cps
Terbium	159-2	23403709	22982410	23068783	23151634	0.96	cps
Thallium	203-1	10107	10457	10354	10306	1.75	cps
Thallium	205-1	24061	24295	24232	24196	0.50	cps
Tin	118-1	49695	50167	50271	50044	0.61	cps
Titanium	47-1	2674394	2692685	2704487	2690522	0.56	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4543-03A Instrumnet Name : P7
Client Sample ID : MYE5F5ARE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 18:58:40 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66716	67507	66803	67009	0.65	cps
Vanadium	51-2	1622954	1601133	1637468	1620518	1.13	cps
Yttrium	89-1	43387886	44368206	43940881	43898991	1.12	cps
Yttrium	89-2	10677940	10638554	10685227	10667241	0.24	cps
Zinc	66-2	508819	508695	507274	508263	0.17	cps
Zirconium	90-1	530140	542808	543458	538802	1.39	cps
Zirconium	91-1	118655	120743	121085	120161	1.09	cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4569-04DLX4Instrumnet Name :P7

Client Sample ID :MYE519Dilution Factor :4

Date & Time Acquired :2024-11-13 19:01:38DataFile Name :031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5329200	5397508	5253048	5326585	1.36	cps
Antimony	121-1	24534	24858	24331	24574	1.08	cps
Arsenic	75-2	78794	79340	78312	78816	0.65	cps
Barium	135-1	852106	854013	859646	855255	0.46	cps
Barium	137-1	1474805	1478150	1474039	1475664	0.15	cps
Beryllium	9-1	1089	1156	1267	1170	7.67	cps
Bismuth	209-1	19624426	19865470	19442611	19644169	1.08	cps
Bismuth	209-2	15736577	15484586	15464419	15561861	0.97	cps
Bromine	81-1	18482	18475	17968	18308	1.61	cps
Bromine	81-2	437	467	400	434	7.69	cps
Cadmium	108-1	630	660	723	671	7.10	cps
Cadmium	106-1	11928	11852	11254	11678	3.16	cps
Cadmium	111-1	14700	14276	14110	14362	2.12	cps
Calcium	43-1	139916	141257	140866	140680	0.49	cps
Calcium	44-1	2208450	2264765	2222458	2231891	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293346	292850	291605	292600	0.31	cps
Cobalt	59-2	272402	269569	269787	270586	0.58	cps
Copper	63-2	1513957	1539253	1516043	1523084	0.92	cps
Dysprosium	156-1	49504	50648	50246	50132	1.16	cps
Dysprosium	156-2	40699	41297	41167	41054	0.77	cps
Erbium	164-1	38827	38784	38633	38748	0.26	cps
Erbium	164-2	26268	26325	26622	26405	0.72	cps
Gadolinium	160-1	44858	45146	45360	45121	0.56	cps
Gadolinium	160-2	34121	32845	33620	33529	1.92	cps
Holmium	165-1	34076712	34056147	34508624	34213828	0.75	cps
Holmium	165-2	23390987	23259147	22914279	23188138	1.06	cps
Indium	115-1	30243808	30782740	30819710	30615419	1.05	cps
Indium	115-2	10164792	10115728	10066755	10115758	0.48	cps
Iron	56-2	314971329	315410549	316167149	315516342	0.19	cps
Iron	57-2	7738947	7873258	7818945	7810383	0.87	cps
Iron	54-2	17169148	17124437	17385492	17226359	0.81	cps
Krypton	83-1	437	410	420	422	3.19	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04DLX4 Instrumnet Name : P7
Client Sample ID : MYE519 Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:01:38 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	756555	756188	763148	758630	0.52	cps
Lead	207-1	675623	681269	678055	678316	0.42	cps
Lead	208-1	3036470	3065426	3050274	3050723	0.47	cps
Lithium	6-1	3280995	3274588	3169569	3241717	1.93	cps
Magnesium	24-2	4670626	4643767	4467116	4593836	2.41	cps
Manganese	55-2	5170850	5127994	5217482	5172109	0.87	cps
Molybdenum	94-1	88830	89840	89220	89296	0.57	cps
Molybdenum	95-1	5308	5594	5728	5543	3.87	cps
Molybdenum	96-1	23229	23496	23385	23370	0.57	cps
Molybdenum	97-1	3487	3711	3550	3583	3.21	cps
Molybdenum	98-1	8903	9003	9043	8983	0.80	cps
Neodymium	150-1	91615	93430	92971	92672	1.02	cps
Neodymium	150-2	53210	52484	52029	52574	1.13	cps
Nickel	60-2	130008	130680	128812	129833	0.73	cps
Phosphorus	31-2	14447	14057	14277	14260	1.37	cps
Potassium	39-2	2120217	2126385	2117355	2121319	0.22	cps
Rhodium	103-1	29477233	29921734	29715248	29704738	0.75	cps
Rhodium	103-2	17230436	17320775	16736053	17095754	1.84	cps
Scandium	45-1	16622762	17264323	17027332	16971472	1.91	cps
Scandium	45-2	1343943	1336040	1347185	1342389	0.43	cps
Selenium	82-1	1959	1937	1963	1953	0.71	cps
Selenium	77-2	203	207	187	199	5.39	cps
Selenium	78-2	693	657	720	690	4.61	cps
Silicon	28-1	22937173	22770323	23020299	22909265	0.56	cps
Silver	107-1	10154	10330	10160	10215	0.98	cps
Silver	109-1	9426	9823	9603	9618	2.07	cps
Sodium	23-2	142378	141467	141856	141900	0.32	cps
Strontium	86-1	174076	174662	175277	174671	0.34	cps
Strontium	88-1	1539890	1522027	1517136	1526351	0.78	cps
Sulfur	34-1	256691	256986	256150	256609	0.17	cps
Terbium	159-1	35110098	35321637	35272404	35234713	0.31	cps
Terbium	159-2	23235185	22962768	23261492	23153149	0.71	cps
Thallium	203-1	4798	4731	4481	4670	3.58	cps
Thallium	205-1	10808	10631	11088	10842	2.13	cps
Tin	118-1	30416	29925	30506	30282	1.03	cps
Titanium	47-1	1099997	1105252	1098179	1101143	0.33	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-04DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:01:38

DataFile Name :

031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22549	22546	22816	22637	0.69	cps
Vanadium	51-2	620342	610522	608089	612984	1.06	cps
Yttrium	89-1	42075071	42957496	42798453	42610340	1.10	cps
Yttrium	89-2	10225657	10191489	10106734	10174627	0.60	cps
Zinc	66-2	224439	224093	220819	223117	0.90	cps
Zirconium	90-1	234811	234137	235732	234894	0.34	cps
Zirconium	91-1	52116	52677	52775	52523	0.68	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-05DLX4 Instrumnet Name : P7
Client Sample ID : MYE519D Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:04:46 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5292513	5431035	5300262	5341270	1.46	cps
Antimony	121-1	24825	24851	24731	24803	0.25	cps
Arsenic	75-2	77940	78395	78466	78267	0.36	cps
Barium	135-1	850609	865459	863631	859899	0.94	cps
Barium	137-1	1474370	1486884	1488736	1483330	0.53	cps
Beryllium	9-1	1106	1156	1167	1143	2.85	cps
Bismuth	209-1	18891115	19172493	19018713	19027440	0.74	cps
Bismuth	209-2	15706379	15764798	15149387	15540188	2.19	cps
Bromine	81-1	17988	17991	17584	17854	1.31	cps
Bromine	81-2	457	447	463	456	1.84	cps
Cadmium	108-1	563	573	600	579	3.27	cps
Cadmium	106-1	11194	11698	11238	11377	2.45	cps
Cadmium	111-1	14057	14476	14171	14235	1.52	cps
Calcium	43-1	138751	140930	139191	139624	0.83	cps
Calcium	44-1	2253351	2273383	2222012	2249582	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292014	294303	291050	292455	0.57	cps
Cobalt	59-2	271231	268979	271448	270553	0.51	cps
Copper	63-2	1519202	1525555	1512044	1518934	0.45	cps
Dysprosium	156-1	50069	50494	50567	50377	0.53	cps
Dysprosium	156-2	40632	40876	40415	40641	0.57	cps
Erbium	164-1	38349	39382	38607	38779	1.39	cps
Erbium	164-2	25881	26595	26432	26303	1.42	cps
Gadolinium	160-1	44935	46169	45577	45560	1.35	cps
Gadolinium	160-2	32972	33079	33390	33147	0.65	cps
Holmium	165-1	32665440	33530580	33216952	33137657	1.32	cps
Holmium	165-2	23715592	23575974	23016666	23436077	1.58	cps
Indium	115-1	29502440	29788947	30289664	29860350	1.33	cps
Indium	115-2	10417285	10149279	10011532	10192699	2.02	cps
Iron	56-2	321437809	317450149	314424055	317770671	1.11	cps
Iron	57-2	7757148	7878808	7736187	7790715	0.99	cps
Iron	54-2	17194645	17549641	17315223	17353170	1.04	cps
Krypton	83-1	350	460	443	418	14.19	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-05DLX4 Instrumnet Name : P7
Client Sample ID : MYE519D Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:04:46 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	751614	762048	759132	757598	0.71	cps
Lead	207-1	671582	673298	677503	674128	0.45	cps
Lead	208-1	3023940	3039874	3035593	3033136	0.27	cps
Lithium	6-1	3228962	3284068	3179309	3230780	1.62	cps
Magnesium	24-2	4502719	4671172	4641750	4605214	1.95	cps
Manganese	55-2	5479322	5473921	5424271	5459171	0.56	cps
Molybdenum	94-1	89294	88565	88451	88770	0.51	cps
Molybdenum	95-1	5885	5925	5745	5851	1.62	cps
Molybdenum	96-1	23502	24067	23997	23855	1.29	cps
Molybdenum	97-1	3707	3677	3724	3703	0.64	cps
Molybdenum	98-1	9166	8969	9220	9118	1.45	cps
Neodymium	150-1	91702	92129	93236	92356	0.86	cps
Neodymium	150-2	53324	52785	52852	52987	0.55	cps
Nickel	60-2	128347	129289	127954	128530	0.53	cps
Phosphorus	31-2	14257	14047	13926	14077	1.19	cps
Potassium	39-2	2167578	2164163	2141947	2157896	0.64	cps
Rhodium	103-1	28491413	28802205	28729534	28674384	0.57	cps
Rhodium	103-2	17510559	17289440	16854428	17218142	1.94	cps
Scandium	45-1	16607010	16722177	16429537	16586241	0.89	cps
Scandium	45-2	1409695	1374550	1369312	1384519	1.59	cps
Selenium	82-1	1884	1792	1915	1863	3.43	cps
Selenium	77-2	193	170	203	189	9.06	cps
Selenium	78-2	703	717	677	699	2.91	cps
Silicon	28-1	23992360	22873245	22400506	23088704	3.54	cps
Silver	107-1	10080	10354	10154	10196	1.39	cps
Silver	109-1	9270	9763	9350	9461	2.80	cps
Sodium	23-2	139256	140078	140084	139806	0.34	cps
Strontium	86-1	172942	177083	174254	174760	1.21	cps
Strontium	88-1	1501874	1562862	1538400	1534379	2.00	cps
Sulfur	34-1	265119	262922	259142	262395	1.15	cps
Terbium	159-1	35326053	34606874	33937267	34623398	2.01	cps
Terbium	159-2	23418674	23021540	23158406	23199540	0.87	cps
Thallium	203-1	4577	4494	4307	4460	3.10	cps
Thallium	205-1	10384	10411	10087	10294	1.74	cps
Tin	118-1	29033	29704	29293	29343	1.15	cps
Titanium	47-1	1080724	1103176	1087863	1090588	1.05	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-05DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519D

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:04:46

DataFile Name :

032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22800	22623	22289	22570	1.15	cps
Vanadium	51-2	610606	621257	610484	614116	1.01	cps
Yttrium	89-1	41207821	41802144	41550408	41520124	0.72	cps
Yttrium	89-2	10434405	10352781	10084352	10290512	1.78	cps
Zinc	66-2	223041	222124	224653	223273	0.57	cps
Zirconium	90-1	231108	234877	232078	232688	0.84	cps
Zirconium	91-1	51249	52206	52316	51924	1.13	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04LDLX20 Instrumnet Name : P7
Client Sample ID : MYE519L Dilution Factor : 20
Date & Time Acquired : 2024-11-13 19:07:53 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1007735	1026039	1017926	1017233	0.90	cps
Antimony	121-1	4731	4798	4564	4697	2.56	cps
Arsenic	75-2	15401	15348	15141	15297	0.90	cps
Barium	135-1	161876	163798	160999	162224	0.88	cps
Barium	137-1	279672	280728	280454	280285	0.20	cps
Beryllium	9-1	178	272	278	243	23.17	cps
Bismuth	209-1	19040773	19093449	18693567	18942596	1.15	cps
Bismuth	209-2	15196006	15116276	15286664	15199649	0.56	cps
Bromine	81-1	16276	16149	16383	16269	0.72	cps
Bromine	81-2	210	173	157	180	15.16	cps
Cadmium	108-1	160	170	140	157	9.75	cps
Cadmium	106-1	10444	10204	10497	10382	1.51	cps
Cadmium	111-1	8655	8487	8583	8575	0.99	cps
Calcium	43-1	27795	28357	27652	27935	1.33	cps
Calcium	44-1	493093	497114	491727	493978	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59477	60762	60688	60309	1.20	cps
Cobalt	59-2	52415	52899	51736	52350	1.12	cps
Copper	63-2	294146	295722	294193	294687	0.30	cps
Dysprosium	156-1	9286	9760	9613	9553	2.54	cps
Dysprosium	156-2	7736	7742	7749	7742	0.09	cps
Erbium	164-1	7375	7442	7415	7411	0.45	cps
Erbium	164-2	4974	5128	5208	5103	2.32	cps
Gadolinium	160-1	8659	8776	8886	8774	1.29	cps
Gadolinium	160-2	7069	7062	6852	6994	1.76	cps
Holmium	165-1	33196040	33328108	33167771	33230640	0.26	cps
Holmium	165-2	22472475	22451734	22738728	22554312	0.71	cps
Indium	115-1	30271132	29927937	29612059	29937042	1.10	cps
Indium	115-2	10103631	10085707	9994971	10061436	0.58	cps
Iron	56-2	61293462	61265014	60772381	61110286	0.48	cps
Iron	57-2	1505441	1516671	1495843	1505985	0.69	cps
Iron	54-2	3272058	3331510	3381196	3328254	1.64	cps
Krypton	83-1	347	360	343	350	2.52	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04LDLX20 Instrumnet Name : P7
Client Sample ID : MYE519L Dilution Factor : 20
Date & Time Acquired : 2024-11-13 19:07:53 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	145260	146281	145655	145732	0.35	cps
Lead	207-1	129770	129646	130705	130040	0.45	cps
Lead	208-1	586635	583853	585087	585192	0.24	cps
Lithium	6-1	3197566	3210207	3205283	3204352	0.20	cps
Magnesium	24-2	854883	863658	854198	857580	0.62	cps
Manganese	55-2	993600	994620	993951	994057	0.05	cps
Molybdenum	94-1	18021	18692	18208	18307	1.89	cps
Molybdenum	95-1	1177	1157	1147	1160	1.32	cps
Molybdenum	96-1	4794	4828	4621	4747	2.34	cps
Molybdenum	97-1	720	723	850	764	9.69	cps
Molybdenum	98-1	1757	1840	1940	1846	4.97	cps
Neodymium	150-1	17628	17344	17197	17390	1.26	cps
Neodymium	150-2	9947	10064	10144	10051	0.98	cps
Nickel	60-2	25659	26026	25675	25787	0.80	cps
Phosphorus	31-2	2840	3004	2874	2906	2.97	cps
Potassium	39-2	495280	499570	497363	497404	0.43	cps
Rhodium	103-1	29003883	28888524	29099645	28997350	0.36	cps
Rhodium	103-2	16874623	16898414	16971928	16914988	0.30	cps
Scandium	45-1	16488101	16601867	16322344	16470771	0.85	cps
Scandium	45-2	1347181	1329929	1326854	1334655	0.82	cps
Selenium	82-1	1693	1662	1712	1689	1.49	cps
Selenium	77-2	37	47	30	38	22.21	cps
Selenium	78-2	503	607	623	578	11.25	cps
Silicon	28-1	5607066	5632237	5658194	5632499	0.45	cps
Silver	107-1	2237	2414	2257	2302	4.20	cps
Silver	109-1	1990	2030	2134	2051	3.61	cps
Sodium	23-2	95118	95913	96127	95719	0.56	cps
Strontium	86-1	33732	34126	34089	33983	0.64	cps
Strontium	88-1	289669	290768	293055	291164	0.59	cps
Sulfur	34-1	258701	256145	256712	257186	0.52	cps
Terbium	159-1	34262261	33645420	34167548	34025076	0.98	cps
Terbium	159-2	22652178	22667124	22674391	22664564	0.05	cps
Thallium	203-1	1333	1323	1317	1325	0.63	cps
Thallium	205-1	3184	3074	2854	3037	5.53	cps
Tin	118-1	9480	9266	9790	9512	2.77	cps
Titanium	47-1	212906	213532	213334	213257	0.15	cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4569-04LDLX20Instrumnet Name :P7

Client Sample ID :MYE519LDilution Factor :20

Date & Time Acquired :2024-11-13 19:07:53DataFile Name :033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4024	4391	4197	4204	4.36	cps
Vanadium	51-2	116814	117937	117601	117451	0.49	cps
Yttrium	89-1	41147505	40915150	41641355	41234670	0.90	cps
Yttrium	89-2	9823210	9939231	10065442	9942628	1.22	cps
Zinc	66-2	45750	45707	45452	45636	0.35	cps
Zirconium	90-1	47018	47557	48002	47526	1.04	cps
Zirconium	91-1	10657	10617	11068	10781	2.32	cps

LB Number :LB133439Operator :Jaswal

Lab Sample ID :P4569-06DLX4Instrumnet Name :P7

Client Sample ID :MYE519SDilution Factor :4

Date & Time Acquired :2024-11-13 19:11:07DataFile Name :034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5420114	5428353	5434222	5427563	0.13	cps
Antimony	121-1	497925	496589	500281	498265	0.38	cps
Arsenic	75-2	88210	88250	88086	88182	0.10	cps
Barium	135-1	3001561	3047882	3021884	3023776	0.77	cps
Barium	137-1	5142141	5048542	5117175	5102619	0.95	cps
Beryllium	9-1	22734	22383	21682	22266	2.40	cps
Bismuth	209-1	18824496	19451623	18859980	19045366	1.85	cps
Bismuth	209-2	15041186	15101853	15090073	15077704	0.21	cps
Bromine	81-1	16633	17013	16613	16753	1.35	cps
Bromine	81-2	367	473	433	424	12.70	cps
Cadmium	108-1	4858	4918	4854	4876	0.73	cps
Cadmium	106-1	16917	17224	16683	16941	1.60	cps
Cadmium	111-1	76025	76697	77159	76627	0.74	cps
Calcium	43-1	138523	139820	138627	138990	0.52	cps
Calcium	44-1	2250338	2185797	2228226	2221454	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	649656	651573	648179	649803	0.26	cps
Cobalt	59-2	1761904	1749663	1758450	1756672	0.36	cps
Copper	63-2	2069442	2013065	2066190	2049566	1.54	cps
Dysprosium	156-1	49229	49480	50390	49700	1.23	cps
Dysprosium	156-2	40833	40522	40164	40506	0.83	cps
Erbium	164-1	38844	37921	38510	38425	1.22	cps
Erbium	164-2	26138	25931	26325	26131	0.75	cps
Gadolinium	160-1	45189	45741	44584	45172	1.28	cps
Gadolinium	160-2	32872	33376	33493	33247	0.99	cps
Holmium	165-1	33682319	33838634	32992315	33504422	1.34	cps
Holmium	165-2	22747915	22889363	22660798	22766025	0.51	cps
Indium	115-1	29927711	29478569	29620538	29675606	0.77	cps
Indium	115-2	9791270	9751896	9727848	9757005	0.33	cps
Iron	56-2	320068669	318371989	318851442	319097366	0.27	cps
Iron	57-2	7823330	7849858	7719687	7797625	0.88	cps
Iron	54-2	17495132	17282774	17256334	17344747	0.75	cps
Krypton	83-1	400	373	420	398	5.89	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-06DLX4 Instrumnet Name : P7
Client Sample ID : MYE519S Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:11:07 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	814219	812928	811688	812945	0.16	cps
Lead	207-1	719609	726950	725604	724054	0.54	cps
Lead	208-1	3255853	3269185	3281192	3268743	0.39	cps
Lithium	6-1	3271742	3288441	3154461	3238215	2.25	cps
Magnesium	24-2	4495276	4483486	4592509	4523757	1.32	cps
Manganese	55-2	6031836	5927691	5938556	5966027	0.96	cps
Molybdenum	94-1	86634	88301	87895	87610	0.99	cps
Molybdenum	95-1	6035	6085	6028	6049	0.51	cps
Molybdenum	96-1	23733	23532	23085	23450	1.41	cps
Molybdenum	97-1	3691	3754	3544	3663	2.94	cps
Molybdenum	98-1	9587	9680	9310	9525	2.02	cps
Neodymium	150-1	90390	90404	92977	91257	1.63	cps
Neodymium	150-2	52685	52628	53207	52840	0.60	cps
Nickel	60-2	512033	508550	509751	510111	0.35	cps
Phosphorus	31-2	14100	13639	14000	13913	1.74	cps
Potassium	39-2	2117126	2109149	2112105	2112793	0.19	cps
Rhodium	103-1	28910073	28561891	28821540	28764501	0.63	cps
Rhodium	103-2	16689120	16471228	16597763	16586037	0.66	cps
Scandium	45-1	16736542	16662604	16518638	16639261	0.67	cps
Scandium	45-2	1340736	1307320	1294030	1314029	1.83	cps
Selenium	82-1	10237	10399	10451	10362	1.07	cps
Selenium	77-2	977	1003	853	944	8.47	cps
Selenium	78-2	3247	3134	3200	3194	1.78	cps
Silicon	28-1	20488178	20356404	20453408	20432663	0.33	cps
Silver	107-1	262325	263044	262408	262592	0.15	cps
Silver	109-1	246330	248028	250070	248143	0.75	cps
Sodium	23-2	134330	133069	132804	133401	0.61	cps
Strontium	86-1	169962	171414	173573	171650	1.06	cps
Strontium	88-1	1507316	1497126	1500487	1501643	0.35	cps
Sulfur	34-1	255607	257163	257877	256882	0.45	cps
Terbium	159-1	34536067	34715703	33845598	34365789	1.34	cps
Terbium	159-2	22788893	22508835	22318981	22538903	1.05	cps
Thallium	203-1	189966	192610	192363	191646	0.76	cps
Thallium	205-1	456459	458266	454378	456368	0.43	cps
Tin	118-1	29323	29938	29186	29482	1.36	cps
Titanium	47-1	1052799	1065955	1057045	1058600	0.63	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-06DLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519S

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:11:07

DataFile Name :

034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22035	22189	21985	22069	0.48	cps
Vanadium	51-2	1382703	1359655	1366361	1369573	0.87	cps
Yttrium	89-1	41382380	41972071	41295084	41549845	0.89	cps
Yttrium	89-2	10123232	9975650	10030392	10043091	0.74	cps
Zinc	66-2	396003	393639	394021	394554	0.32	cps
Zirconium	90-1	230745	231464	231150	231120	0.16	cps
Zirconium	91-1	51189	51764	51416	51456	0.56	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04MSDLX4 Instrumnet Name : P7
Client Sample ID : MYE519SRE Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:14:10 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5954348	6006587	5901320	5954085	0.88	cps
Antimony	121-1	2067750	2056638	2035845	2053411	0.79	cps
Arsenic	75-2	118589	117312	117796	117899	0.55	cps
Barium	135-1	9776544	9896012	10035453	9902670	1.31	cps
Barium	137-1	16916821	16888502	17134513	16979945	0.79	cps
Beryllium	9-1	90847	90998	89981	90609	0.61	cps
Bismuth	209-1	19305627	19172243	19036174	19171348	0.70	cps
Bismuth	209-2	15516719	15544149	15245310	15435393	1.07	cps
Bromine	81-1	16346	16790	16656	16597	1.37	cps
Bromine	81-2	377	460	457	431	10.94	cps
Cadmium	108-1	18348	18352	19023	18574	2.09	cps
Cadmium	106-1	35955	35089	36128	35724	1.56	cps
Cadmium	111-1	282534	282484	283054	282691	0.11	cps
Calcium	43-1	134658	134615	135824	135032	0.51	cps
Calcium	44-1	2168844	2187729	2175355	2177309	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1843005	1807503	1797751	1816086	1.31	cps
Cobalt	59-2	6426562	6461251	6543975	6477262	0.93	cps
Copper	63-2	3694428	3648516	3696920	3679954	0.74	cps
Dysprosium	156-1	48353	47902	48741	48332	0.87	cps
Dysprosium	156-2	41204	39960	40916	40693	1.60	cps
Erbium	164-1	36989	37156	37881	37342	1.27	cps
Erbium	164-2	25891	25553	25363	25602	1.04	cps
Gadolinium	160-1	44179	43942	44263	44128	0.38	cps
Gadolinium	160-2	32027	32357	32959	32448	1.46	cps
Holmium	165-1	33620687	33108904	33014144	33247911	0.98	cps
Holmium	165-2	23031784	22908693	22905872	22948783	0.31	cps
Indium	115-1	29996712	29926365	29962227	29961768	0.12	cps
Indium	115-2	10114840	10075712	9882148	10024233	1.24	cps
Iron	56-2	320061689	319687455	317075335	318941493	0.51	cps
Iron	57-2	7821567	7919919	7881630	7874372	0.63	cps
Iron	54-2	17381735	17427906	17200898	17336846	0.69	cps
Krypton	83-1	460	490	433	461	6.15	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4569-04MSDLX4 Instrumnet Name : P7
Client Sample ID : MYE519SRE Dilution Factor : 4
Date & Time Acquired : 2024-11-13 19:14:10 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	994515	1005956	1003071	1001181	0.59	cps
Lead	207-1	875765	893786	888434	885995	1.04	cps
Lead	208-1	4001025	4012496	3980203	3997908	0.41	cps
Lithium	6-1	3312845	3412907	3250346	3325366	2.47	cps
Magnesium	24-2	4456055	4482484	4447167	4461902	0.41	cps
Manganese	55-2	7981009	8038088	7925075	7981391	0.71	cps
Molybdenum	94-1	84871	86047	86295	85738	0.89	cps
Molybdenum	95-1	5735	5845	6011	5863	2.38	cps
Molybdenum	96-1	23412	23148	23092	23217	0.74	cps
Molybdenum	97-1	3550	3801	3844	3732	4.24	cps
Molybdenum	98-1	9730	9740	9476	9649	1.55	cps
Neodymium	150-1	90290	90827	90223	90447	0.37	cps
Neodymium	150-2	52718	52598	52718	52678	0.13	cps
Nickel	60-2	1741325	1783641	1759799	1761588	1.20	cps
Phosphorus	31-2	14230	14227	13559	14005	2.76	cps
Potassium	39-2	2109851	2070345	2067376	2082524	1.14	cps
Rhodium	103-1	28848277	28773538	28915141	28845652	0.25	cps
Rhodium	103-2	16982472	16979928	16789389	16917263	0.65	cps
Scandium	45-1	16685279	16623701	16617184	16642055	0.23	cps
Scandium	45-2	1346234	1333521	1315591	1331782	1.16	cps
Selenium	82-1	37462	37567	37016	37349	0.78	cps
Selenium	77-2	3540	3487	3580	3536	1.32	cps
Selenium	78-2	11525	11588	11611	11575	0.39	cps
Silicon	28-1	19691324	19789687	19492890	19657967	0.77	cps
Silver	107-1	1083654	1096660	1082554	1087622	0.72	cps
Silver	109-1	1033255	1038423	1026053	1032577	0.60	cps
Sodium	23-2	141600	143559	140992	142051	0.94	cps
Strontium	86-1	166152	168050	168104	167436	0.66	cps
Strontium	88-1	1460778	1467629	1455316	1461241	0.42	cps
Sulfur	34-1	258467	254499	253207	255391	1.07	cps
Terbium	159-1	34514902	34353273	34628765	34498980	0.40	cps
Terbium	159-2	23175680	23245757	22637532	23019657	1.45	cps
Thallium	203-1	799122	802804	809637	803854	0.66	cps
Thallium	205-1	1901892	1910396	1933928	1915405	0.87	cps
Tin	118-1	28799	28699	29156	28885	0.83	cps
Titanium	47-1	1033916	1034193	1039818	1035976	0.32	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4569-04MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYE519SRE

Dilution Factor :

4

Date & Time Acquired :

2024-11-13 19:14:10

DataFile Name :

035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21631	22255	22098	21995	1.48	cps
Vanadium	51-2	3842487	3793183	3847454	3827708	0.78	cps
Yttrium	89-1	41314044	41166152	41374951	41285049	0.26	cps
Yttrium	89-2	10148712	10216251	9921169	10095377	1.53	cps
Zinc	66-2	950973	937840	943840	944218	0.70	cps
Zirconium	90-1	226937	225140	224778	225618	0.51	cps
Zirconium	91-1	50192	50175	50296	50221	0.13	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-20 Instrumnet Name : P7
Client Sample ID : MYE554 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:17:08 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20421171	21154337	20551727	20709078	1.89	cps
Antimony	121-1	93542	94337	93035	93638	0.70	cps
Arsenic	75-2	292236	301543	295038	296272	1.61	cps
Barium	135-1	3386718	3341429	3330761	3352969	0.89	cps
Barium	137-1	5735500	5665614	5730101	5710405	0.68	cps
Beryllium	9-1	4012	4073	3695	3926	5.17	cps
Bismuth	209-1	19638161	19462112	19209809	19436694	1.11	cps
Bismuth	209-2	12076225	14218945	15017523	13770898	11.04	cps
Bromine	81-1	21092	21202	21382	21225	0.69	cps
Bromine	81-2	1317	1367	1540	1408	8.33	cps
Cadmium	108-1	2467	2517	2484	2489	1.02	cps
Cadmium	106-1	15475	14904	14624	15001	2.89	cps
Cadmium	111-1	33817	33700	34028	33848	0.49	cps
Calcium	43-1	528703	534985	535347	533012	0.70	cps
Calcium	44-1	8360331	8283484	8284943	8309586	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1108529	1127369	1123437	1119778	0.89	cps
Cobalt	59-2	1017903	1050409	1037216	1035176	1.58	cps
Copper	63-2	5674910	5893058	5742306	5770091	1.94	cps
Dysprosium	156-1	191004	195119	195076	193733	1.22	cps
Dysprosium	156-2	157329	161301	158450	159027	1.29	cps
Erbium	164-1	150706	149907	152408	151007	0.85	cps
Erbium	164-2	101425	103063	102533	102340	0.82	cps
Gadolinium	160-1	174155	176720	178012	176295	1.11	cps
Gadolinium	160-2	126775	127016	127313	127035	0.21	cps
Holmium	165-1	34378898	33984772	34266867	34210179	0.59	cps
Holmium	165-2	18022293	21166868	22737660	20642274	11.63	cps
Indium	115-1	30083422	30459748	30117052	30220074	0.69	cps
Indium	115-2	7920498	9154243	9856335	8977025	10.92	cps
Iron	56-2	1205058035	1237767422	1226333262	1223052906	1.36	cps
Iron	57-2	29885953	30443634	30472260	30267282	1.09	cps
Iron	54-2	66436176	67859046	66839134	67044785	1.09	cps
Krypton	83-1	600	573	730	634	13.21	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-20 Instrumnet Name : P7
Client Sample ID : MYE554 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:17:08 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2967115	2935468	2979732	2960772	0.77	cps
Lead	207-1	2616968	2593815	2639665	2616816	0.88	cps
Lead	208-1	11831858	11821133	11913628	11855540	0.43	cps
Lithium	6-1	3295951	3244849	3271872	3270890	0.78	cps
Magnesium	24-2	17190303	17964746	17726738	17627262	2.25	cps
Manganese	55-2	19925399	20531881	20140065	20199115	1.52	cps
Molybdenum	94-1	345329	351500	345906	347578	0.98	cps
Molybdenum	95-1	21826	21673	21913	21804	0.56	cps
Molybdenum	96-1	89716	90907	91239	90621	0.88	cps
Molybdenum	97-1	13583	14067	13770	13807	1.77	cps
Molybdenum	98-1	33853	34384	34701	34313	1.25	cps
Neodymium	150-1	354753	360699	362742	359398	1.15	cps
Neodymium	150-2	203712	209118	209137	207322	1.51	cps
Nickel	60-2	480403	492662	484904	485989	1.28	cps
Phosphorus	31-2	53039	54239	53835	53704	1.14	cps
Potassium	39-2	7989063	8151904	8150123	8097030	1.15	cps
Rhodium	103-1	28953705	28965337	28642740	28853927	0.63	cps
Rhodium	103-2	13308619	15357068	16615922	15093870	11.06	cps
Scandium	45-1	17442539	17309140	17181458	17311045	0.75	cps
Scandium	45-2	1128726	1265421	1389382	1261176	10.34	cps
Selenium	82-1	2358	2448	2280	2362	3.55	cps
Selenium	77-2	760	660	693	704	7.23	cps
Selenium	78-2	1163	1197	1147	1169	2.18	cps
Silicon	28-1	84839499	84533729	90201435	86524888	3.68	cps
Silver	107-1	61516	61784	61684	61661	0.22	cps
Silver	109-1	58086	58092	58246	58141	0.16	cps
Sodium	23-2	273220	280563	279035	277606	1.40	cps
Strontium	86-1	667117	674861	674645	672208	0.66	cps
Strontium	88-1	5782108	5910185	5894467	5862253	1.19	cps
Sulfur	34-1	283333	280419	278003	280585	0.95	cps
Terbium	159-1	35713099	35150393	34863704	35242399	1.23	cps
Terbium	159-2	18331215	20788053	22708265	20609178	10.65	cps
Thallium	203-1	15913	15626	15759	15766	0.91	cps
Thallium	205-1	38779	37716	36706	37733	2.75	cps
Tin	118-1	101847	103418	103029	102764	0.80	cps
Titanium	47-1	4303034	4330931	4271170	4301712	0.70	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-20 Instrumnet Name : P7
Client Sample ID : MYE554 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:17:08 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	86595	89186	89229	88337	1.71	cps
Vanadium	51-2	2410767	2444276	2433023	2429355	0.70	cps
Yttrium	89-1	43772173	43467423	43450718	43563438	0.42	cps
Yttrium	89-2	8518985	9554618	10387276	9486960	9.87	cps
Zinc	66-2	811596	838838	827712	826049	1.66	cps
Zirconium	90-1	896009	913018	914418	907815	1.13	cps
Zirconium	91-1	200720	204650	207240	204203	1.61	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-02 Instrumnet Name : P7
Client Sample ID : MYE543D Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:20:07 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14145084	14140019	14094167	14126423	0.20	cps
Antimony	121-1	55806	57277	57451	56844	1.59	cps
Arsenic	75-2	96769	97159	96645	96858	0.28	cps
Barium	135-1	1939010	1970233	1978796	1962680	1.07	cps
Barium	137-1	3344672	3405437	3451316	3400475	1.57	cps
Beryllium	9-1	2489	2372	2500	2454	2.89	cps
Bismuth	209-1	19095218	19418220	19804096	19439178	1.83	cps
Bismuth	209-2	15353616	15365041	15372471	15363710	0.06	cps
Bromine	81-1	22080	22207	22427	22238	0.79	cps
Bromine	81-2	1427	1493	1463	1461	2.29	cps
Cadmium	108-1	897	783	910	863	8.06	cps
Cadmium	106-1	12002	12255	11972	12076	1.29	cps
Cadmium	111-1	15676	16259	15785	15907	1.95	cps
Calcium	43-1	504074	513133	511805	509671	0.96	cps
Calcium	44-1	7951660	8048701	8015107	8005156	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	628279	624129	623365	625258	0.42	cps
Cobalt	59-2	534140	537837	534810	535596	0.37	cps
Copper	63-2	2405139	2401306	2426553	2411000	0.56	cps
Dysprosium	156-1	138102	141411	139232	139582	1.20	cps
Dysprosium	156-2	111660	111374	113441	112158	1.00	cps
Erbium	164-1	98457	99464	100139	99353	0.85	cps
Erbium	164-2	67485	67351	67037	67291	0.34	cps
Gadolinium	160-1	125325	129156	130144	128208	1.99	cps
Gadolinium	160-2	92030	92902	93167	92700	0.64	cps
Holmium	165-1	33283654	34500600	34367196	34050483	1.96	cps
Holmium	165-2	23007401	23221727	23279468	23169532	0.62	cps
Indium	115-1	29257132	30123566	30155216	29845305	1.71	cps
Indium	115-2	9899595	9942068	9951958	9931207	0.28	cps
Iron	56-2	623041071	615842004	622722524	620535200	0.66	cps
Iron	57-2	15414227	15307058	15344902	15355396	0.35	cps
Iron	54-2	33692200	33967827	33625882	33761970	0.54	cps
Krypton	83-1	523	527	547	532	2.37	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-02 Instrumnet Name : P7
Client Sample ID : MYE543D Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:20:07 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	860792	875031	879123	871649	1.10	cps
Lead	207-1	760252	766821	770089	765721	0.65	cps
Lead	208-1	3436721	3474301	3505100	3472040	0.99	cps
Lithium	6-1	3239178	3131497	3186257	3185644	1.69	cps
Magnesium	24-2	10895654	10875797	10910359	10893937	0.16	cps
Manganese	55-2	12373985	12333884	12400590	12369486	0.27	cps
Molybdenum	94-1	137990	138430	138054	138158	0.17	cps
Molybdenum	95-1	15685	15935	15475	15699	1.47	cps
Molybdenum	96-1	43271	45778	44153	44401	2.86	cps
Molybdenum	97-1	9456	10067	10044	9856	3.51	cps
Molybdenum	98-1	24264	25108	24667	24680	1.71	cps
Neodymium	150-1	262439	266411	266427	265092	0.87	cps
Neodymium	150-2	152858	150439	150338	151212	0.94	cps
Nickel	60-2	220721	219169	219048	219646	0.42	cps
Phosphorus	31-2	43996	44428	44291	44238	0.50	cps
Potassium	39-2	7402781	7349548	7369267	7373865	0.36	cps
Rhodium	103-1	27830740	28828523	28898369	28519210	2.09	cps
Rhodium	103-2	16951382	16963401	16830708	16915164	0.43	cps
Scandium	45-1	16586298	16559685	16841268	16662417	0.93	cps
Scandium	45-2	1362741	1340335	1363800	1355625	0.98	cps
Selenium	82-1	2023	2040	2067	2043	1.10	cps
Selenium	77-2	460	540	550	517	9.55	cps
Selenium	78-2	943	910	973	942	3.36	cps
Silicon	28-1	64195567	64749727	65058127	64667807	0.68	cps
Silver	107-1	12229	12889	12609	12576	2.64	cps
Silver	109-1	12055	11748	11788	11864	1.41	cps
Sodium	23-2	288293	284818	284456	285856	0.74	cps
Strontium	86-1	431083	436783	440986	436284	1.14	cps
Strontium	88-1	3779340	3800275	3808160	3795925	0.39	cps
Sulfur	34-1	279235	275136	274932	276434	0.88	cps
Terbium	159-1	34366718	35121589	35524503	35004270	1.68	cps
Terbium	159-2	23114336	23181220	22806995	23034184	0.87	cps
Thallium	203-1	6448	6525	6221	6398	2.47	cps
Thallium	205-1	15519	15806	15302	15542	1.63	cps
Tin	118-1	52656	54141	54022	53606	1.54	cps
Titanium	47-1	2253732	2281841	2299976	2278517	1.02	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-02 Instrumnet Name : P7
Client Sample ID : MYE543D Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:20:07 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54384	54588	54210	54394	0.35	cps
Vanadium	51-2	956017	945074	950905	950665	0.58	cps
Yttrium	89-1	41516839	41979946	42590654	42029146	1.28	cps
Yttrium	89-2	10248399	10196216	10389428	10278014	0.97	cps
Zinc	66-2	463849	463199	460804	462617	0.35	cps
Zirconium	90-1	342419	351912	360340	351557	2.55	cps
Zirconium	91-1	77694	80309	79926	79310	1.78	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01 Instrumnet Name : P7
Client Sample ID : MYE543 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:23:13 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14744181	14472053	14531319	14582517	0.98	cps
Antimony	121-1	59252	61420	60677	60450	1.82	cps
Arsenic	75-2	100316	100088	100500	100301	0.21	cps
Barium	135-1	2024770	2114920	2093518	2077736	2.27	cps
Barium	137-1	3523615	3580217	3529751	3544528	0.88	cps
Beryllium	9-1	2461	2667	2622	2584	4.19	cps
Bismuth	209-1	19465110	19334785	19622282	19474059	0.74	cps
Bismuth	209-2	15338943	15286830	15366374	15330716	0.26	cps
Bromine	81-1	21409	22417	22965	22264	3.54	cps
Bromine	81-2	1447	1547	1603	1532	5.18	cps
Cadmium	108-1	1000	827	973	933	10.00	cps
Cadmium	106-1	12118	12419	12205	12247	1.26	cps
Cadmium	111-1	15602	16170	15918	15897	1.79	cps
Calcium	43-1	522343	541250	535626	533073	1.82	cps
Calcium	44-1	8244135	8418591	8485374	8382700	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	664703	650263	650574	655180	1.26	cps
Cobalt	59-2	555516	554362	553092	554323	0.22	cps
Copper	63-2	2465688	2439273	2405157	2436706	1.25	cps
Dysprosium	156-1	142296	145989	145037	144440	1.33	cps
Dysprosium	156-2	119462	118168	118229	118620	0.62	cps
Erbium	164-1	103648	104786	105390	104608	0.85	cps
Erbium	164-2	70493	68838	70054	69795	1.23	cps
Gadolinium	160-1	131221	134714	134741	133559	1.52	cps
Gadolinium	160-2	97469	95687	95912	96356	1.01	cps
Holmium	165-1	34401793	34569282	34801033	34590703	0.58	cps
Holmium	165-2	23169799	23086379	23472691	23242956	0.87	cps
Indium	115-1	30017256	30063165	30161681	30080701	0.25	cps
Indium	115-2	9837381	9935403	10008960	9927248	0.87	cps
Iron	56-2	645570497	645562097	640787444	643973346	0.43	cps
Iron	57-2	15889796	15656749	15765176	15770574	0.74	cps
Iron	54-2	35245067	34793043	34683840	34907317	0.85	cps
Krypton	83-1	537	457	570	521	11.18	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01 Instrumnet Name : P7
Client Sample ID : MYE543 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:23:13 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	901497	926922	915655	914691	1.39	cps
Lead	207-1	790029	816544	809974	805515	1.71	cps
Lead	208-1	3626796	3706972	3636630	3656799	1.20	cps
Lithium	6-1	3303007	3215921	3203345	3240758	1.67	cps
Magnesium	24-2	11274762	11173378	11135758	11194633	0.64	cps
Manganese	55-2	12786169	12850212	12777749	12804710	0.31	cps
Molybdenum	94-1	142981	148350	144320	145217	1.92	cps
Molybdenum	95-1	16232	16663	16843	16579	1.89	cps
Molybdenum	96-1	44976	46417	46431	45941	1.82	cps
Molybdenum	97-1	10317	10114	10360	10264	1.28	cps
Molybdenum	98-1	25195	26020	25419	25545	1.67	cps
Neodymium	150-1	275070	279584	279760	278138	0.96	cps
Neodymium	150-2	159410	156925	156906	157747	0.91	cps
Nickel	60-2	232008	230256	231403	231222	0.38	cps
Phosphorus	31-2	45611	45451	45671	45578	0.25	cps
Potassium	39-2	7656173	7607705	7556849	7606909	0.65	cps
Rhodium	103-1	28908441	29173793	29002497	29028244	0.46	cps
Rhodium	103-2	16784669	16943961	16946382	16891671	0.55	cps
Scandium	45-1	16756316	16759244	16859024	16791528	0.35	cps
Scandium	45-2	1341893	1350965	1361254	1351371	0.72	cps
Selenium	82-1	2108	2072	1962	2047	3.71	cps
Selenium	77-2	517	533	587	546	6.70	cps
Selenium	78-2	847	877	943	889	5.57	cps
Silicon	28-1	64283954	65475814	64371867	64710545	1.03	cps
Silver	107-1	12532	13149	12549	12743	2.76	cps
Silver	109-1	11948	11922	12058	11976	0.61	cps
Sodium	23-2	300863	292606	291136	294869	1.78	cps
Strontium	86-1	444318	460596	464528	456481	2.35	cps
Strontium	88-1	3958011	4000972	4038296	3999093	1.00	cps
Sulfur	34-1	278132	275244	272842	275406	0.96	cps
Terbium	159-1	35137700	35374252	35756401	35422784	0.88	cps
Terbium	159-2	22936330	23131349	22833301	22966994	0.66	cps
Thallium	203-1	6535	6415	6558	6503	1.18	cps
Thallium	205-1	15269	16330	15796	15798	3.36	cps
Tin	118-1	54386	54931	55396	54904	0.92	cps
Titanium	47-1	2368805	2381074	2423082	2390987	1.19	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01

Instrumnet Name :

P7

Client Sample ID :

MYE543

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:23:13

DataFile Name :

038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55498	57577	57661	56912	2.15	cps
Vanadium	51-2	977376	979068	972709	976384	0.34	cps
Yttrium	89-1	42125210	42555421	42713916	42464849	0.72	cps
Yttrium	89-2	10265565	10218778	10222756	10235700	0.25	cps
Zinc	66-2	479797	477953	479142	478964	0.20	cps
Zirconium	90-1	363760	374519	375002	371094	1.71	cps
Zirconium	91-1	80345	82366	83798	82170	2.11	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01LX5 Instrumnet Name : P7
Client Sample ID : MYE543L Dilution Factor : 5
Date & Time Acquired : 2024-11-13 19:26:15 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2735911	2799125	2768893	2767976	1.14	cps
Antimony	121-1	10904	11181	11351	11146	2.02	cps
Arsenic	75-2	18956	19226	19079	19087	0.71	cps
Barium	135-1	377011	381898	379092	379334	0.65	cps
Barium	137-1	656000	656867	651983	654950	0.40	cps
Beryllium	9-1	517	556	433	502	12.44	cps
Bismuth	209-1	19614373	19674832	19392933	19560713	0.76	cps
Bismuth	209-2	15388268	15373678	15478071	15413339	0.37	cps
Bromine	81-1	17163	17344	17374	17294	0.66	cps
Bromine	81-2	403	393	410	402	2.09	cps
Cadmium	108-1	197	213	157	189	15.42	cps
Cadmium	106-1	11328	11111	10494	10978	3.94	cps
Cadmium	111-1	9455	9175	8803	9144	3.58	cps
Calcium	43-1	101121	101040	100798	100986	0.17	cps
Calcium	44-1	1618039	1663404	1643286	1641576	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125329	125632	124805	125255	0.33	cps
Cobalt	59-2	105860	106048	104911	105606	0.58	cps
Copper	63-2	480658	471115	475098	475624	1.01	cps
Dysprosium	156-1	26498	26378	26879	26585	0.98	cps
Dysprosium	156-2	21650	22184	21770	21868	1.28	cps
Erbium	164-1	19080	19550	18980	19203	1.59	cps
Erbium	164-2	12376	13113	12576	12688	3.00	cps
Gadolinium	160-1	25149	24682	24809	24880	0.97	cps
Gadolinium	160-2	18669	18816	18419	18635	1.08	cps
Holmium	165-1	33877256	33859661	33683657	33806858	0.32	cps
Holmium	165-2	23018286	23017200	23128432	23054639	0.28	cps
Indium	115-1	30064267	30203713	30213774	30160585	0.28	cps
Indium	115-2	10030258	9845584	9953131	9942991	0.93	cps
Iron	56-2	122408345	120810318	120975495	121398053	0.72	cps
Iron	57-2	2974413	2999545	3014174	2996044	0.67	cps
Iron	54-2	6608679	6666321	6640581	6638527	0.43	cps
Krypton	83-1	403	380	463	416	10.35	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01LX5 Instrumnet Name : P7
Client Sample ID : MYE543L Dilution Factor : 5
Date & Time Acquired : 2024-11-13 19:26:15 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	170519	174451	171421	172130	1.20	cps
Lead	207-1	149967	150233	150719	150306	0.25	cps
Lead	208-1	679207	688091	680054	682450	0.72	cps
Lithium	6-1	3376566	3351069	3288246	3338627	1.36	cps
Magnesium	24-2	2166248	2193016	2161641	2173635	0.78	cps
Manganese	55-2	2428171	2426546	2409072	2421263	0.44	cps
Molybdenum	94-1	28327	26541	26778	27215	3.56	cps
Molybdenum	95-1	2924	3140	3070	3045	3.63	cps
Molybdenum	96-1	9308	8763	8669	8913	3.87	cps
Molybdenum	97-1	1837	1997	1877	1903	4.37	cps
Molybdenum	98-1	4858	4928	4881	4889	0.73	cps
Neodymium	150-1	51229	50878	51447	51185	0.56	cps
Neodymium	150-2	28853	29270	29290	29138	0.85	cps
Nickel	60-2	44971	44820	44148	44646	0.98	cps
Phosphorus	31-2	9049	8933	9266	9083	1.86	cps
Potassium	39-2	1518089	1523293	1486829	1509404	1.31	cps
Rhodium	103-1	29219215	29287639	29187458	29231437	0.18	cps
Rhodium	103-2	17072881	16894940	16981349	16983057	0.52	cps
Scandium	45-1	16541326	16481893	16505366	16509529	0.18	cps
Scandium	45-2	1345240	1300019	1322583	1322614	1.71	cps
Selenium	82-1	1789	1809	1654	1751	4.82	cps
Selenium	77-2	93	127	103	108	15.87	cps
Selenium	78-2	597	567	583	582	2.58	cps
Silicon	28-1	13503289	13998573	13981935	13827933	2.03	cps
Silver	107-1	2784	2784	2804	2790	0.41	cps
Silver	109-1	2564	2614	2527	2568	1.69	cps
Sodium	23-2	129217	132330	127859	129802	1.77	cps
Strontium	86-1	85490	84377	83810	84559	1.01	cps
Strontium	88-1	732988	738561	735830	735793	0.38	cps
Sulfur	34-1	257969	258975	256657	257867	0.45	cps
Terbium	159-1	35353880	35061392	35215174	35210149	0.42	cps
Terbium	159-2	22852585	23001731	23074867	22976394	0.49	cps
Thallium	203-1	1733	1727	1610	1690	4.10	cps
Thallium	205-1	3961	3987	3827	3925	2.18	cps
Tin	118-1	13934	19235	13553	15574	20.40	cps
Titanium	47-1	439787	442880	443801	442156	0.48	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01LX5

Instrumnet Name :

P7

Client Sample ID :

MYE543L

Dilution Factor :

5

Date & Time Acquired :

2024-11-13 19:26:15

DataFile Name :

039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10344	10631	10768	10581	2.04	cps
Vanadium	51-2	185651	183762	184116	184510	0.54	cps
Yttrium	89-1	41645003	41487269	41163659	41431977	0.59	cps
Yttrium	89-2	10051976	9904133	9964434	9973515	0.75	cps
Zinc	66-2	93953	93842	94201	93999	0.20	cps
Zirconium	90-1	68134	70539	69504	69392	1.74	cps
Zirconium	91-1	15402	15095	16186	15561	3.62	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-03 Instrumnet Name : P7
Client Sample ID : MYE543S Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:29:26 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14765003	14704689	14811032	14760241	0.36	cps
Antimony	121-1	1993329	1949132	1963297	1968586	1.15	cps
Arsenic	75-2	134644	133060	133786	133830	0.59	cps
Barium	135-1	10752627	10718817	10753402	10741615	0.18	cps
Barium	137-1	18485249	18368232	18345053	18399512	0.41	cps
Beryllium	9-1	87333	85450	85411	86065	1.28	cps
Bismuth	209-1	19288478	19080566	19141650	19170231	0.56	cps
Bismuth	209-2	15068366	15009739	14995109	15024405	0.26	cps
Bromine	81-1	21639	21182	22080	21634	2.08	cps
Bromine	81-2	1387	1330	1390	1369	2.46	cps
Cadmium	108-1	16980	16840	16743	16854	0.71	cps
Cadmium	106-1	34511	34090	34043	34215	0.75	cps
Cadmium	111-1	258437	259754	259195	259129	0.25	cps
Calcium	43-1	522091	525536	517880	521835	0.73	cps
Calcium	44-1	8208663	8164343	8139137	8170714	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2062068	2087360	2055681	2068370	0.81	cps
Cobalt	59-2	6418860	6459671	6409349	6429293	0.42	cps
Copper	63-2	4489137	4485565	4524664	4499789	0.48	cps
Dysprosium	156-1	139882	142912	140034	140943	1.21	cps
Dysprosium	156-2	113091	115392	114253	114245	1.01	cps
Erbium	164-1	100183	101287	100511	100660	0.56	cps
Erbium	164-2	67914	67629	67988	67844	0.28	cps
Gadolinium	160-1	129677	130744	132042	130821	0.91	cps
Gadolinium	160-2	93147	92553	91604	92435	0.84	cps
Holmium	165-1	33271835	34022896	33170819	33488517	1.39	cps
Holmium	165-2	22823729	22685294	22753996	22754340	0.30	cps
Indium	115-1	29436737	29407564	30082131	29642144	1.29	cps
Indium	115-2	9871380	9648961	9682442	9734261	1.23	cps
Iron	56-2	634593084	637912777	619291551	630599137	1.58	cps
Iron	57-2	15517563	15443531	15732576	15564557	0.96	cps
Iron	54-2	34287728	34391926	34365848	34348501	0.16	cps
Krypton	83-1	497	440	493	477	6.67	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-03 Instrumnet Name : P7
Client Sample ID : MYE543S Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:29:26 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1124208	1136455	1123421	1128028	0.65	cps
Lead	207-1	995219	996845	999510	997191	0.22	cps
Lead	208-1	4513920	4535744	4523390	4524351	0.24	cps
Lithium	6-1	3236277	3254047	3161615	3217313	1.52	cps
Magnesium	24-2	10856147	10763781	10828404	10816111	0.44	cps
Manganese	55-2	15098061	15087831	14871400	15019097	0.85	cps
Molybdenum	94-1	134138	136556	135766	135486	0.91	cps
Molybdenum	95-1	16282	16269	16556	16369	0.99	cps
Molybdenum	96-1	44287	44922	44434	44548	0.75	cps
Molybdenum	97-1	10137	10050	9887	10025	1.27	cps
Molybdenum	98-1	25512	26254	25629	25798	1.54	cps
Neodymium	150-1	268188	267037	269366	268197	0.43	cps
Neodymium	150-2	153539	153020	151200	152586	0.80	cps
Nickel	60-2	1774745	1770163	1824847	1789918	1.69	cps
Phosphorus	31-2	44622	45524	45618	45255	1.22	cps
Potassium	39-2	7330572	7411958	7481900	7408143	1.02	cps
Rhodium	103-1	28377249	28433021	27910217	28240162	1.02	cps
Rhodium	103-2	16462052	16479580	16352800	16431477	0.42	cps
Scandium	45-1	16555074	16543246	16550226	16549515	0.04	cps
Scandium	45-2	1314506	1319593	1338559	1324219	0.96	cps
Selenium	82-1	34125	34843	34816	34595	1.18	cps
Selenium	77-2	3474	3427	3344	3415	1.93	cps
Selenium	78-2	10731	10090	10951	10591	4.22	cps
Silicon	28-1	55833241	55475231	55510619	55606364	0.35	cps
Silver	107-1	1017024	1026193	1024230	1022482	0.47	cps
Silver	109-1	957331	964474	963612	961806	0.41	cps
Sodium	23-2	286908	285563	285249	285907	0.31	cps
Strontium	86-1	439528	441000	441902	440810	0.27	cps
Strontium	88-1	3818510	3805996	3873482	3832662	0.94	cps
Sulfur	34-1	272981	273114	271787	272627	0.27	cps
Terbium	159-1	34786964	34868270	34749561	34801598	0.17	cps
Terbium	159-2	22859232	22748673	22542651	22716852	0.71	cps
Thallium	203-1	736253	737259	744144	739219	0.58	cps
Thallium	205-1	1753821	1753774	1764612	1757402	0.36	cps
Tin	118-1	55396	55607	54519	55174	1.05	cps
Titanium	47-1	2289620	2281204	2281530	2284118	0.21	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-03

Instrumnet Name :

P7

Client Sample ID :

MYE543S

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:29:26

DataFile Name :

040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54528	55395	54608	54843	0.87	cps
Vanadium	51-2	3972040	3961197	4020597	3984611	0.79	cps
Yttrium	89-1	42044649	41844118	41766243	41885003	0.34	cps
Yttrium	89-2	10134089	10115587	9999320	10082999	0.72	cps
Zinc	66-2	1192993	1182895	1194777	1190222	0.54	cps
Zirconium	90-1	346591	343990	347497	346026	0.53	cps
Zirconium	91-1	76029	77419	76508	76652	0.92	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01MS Instrumnet Name : P7
Client Sample ID : MYE543SRE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:32:22 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16754103	16267572	16561067	16527581	1.48	cps
Antimony	121-1	7843099	7830038	7933341	7868826	0.71	cps
Arsenic	75-2	248077	248175	249294	248515	0.27	cps
Barium	135-1	38955756	38807513	39157966	38973745	0.45	cps
Barium	137-1	66699147	66289832	67032302	66673761	0.56	cps
Beryllium	9-1	347678	344082	337918	343226	1.44	cps
Bismuth	209-1	19108808	19084416	18721892	18971706	1.14	cps
Bismuth	209-2	14973859	14658683	14967949	14866830	1.21	cps
Bromine	81-1	20838	22050	21296	21395	2.86	cps
Bromine	81-2	1327	1440	1447	1405	4.80	cps
Cadmium	108-1	68226	69797	67868	68630	1.50	cps
Cadmium	106-1	104885	104271	104714	104623	0.30	cps
Cadmium	111-1	1038367	1047368	1039361	1041698	0.47	cps
Calcium	43-1	504962	511012	512107	509360	0.76	cps
Calcium	44-1	7950390	8050633	8053699	8018241	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6603761	6640784	6658114	6634220	0.42	cps
Cobalt	59-2	25508100	25345679	25390918	25414899	0.33	cps
Copper	63-2	11098983	11037285	11069432	11068567	0.28	cps
Dysprosium	156-1	136409	139054	138017	137827	0.97	cps
Dysprosium	156-2	112133	113558	113867	113186	0.82	cps
Erbium	164-1	98014	99598	99773	99128	0.98	cps
Erbium	164-2	67147	66899	67432	67159	0.40	cps
Gadolinium	160-1	126114	129277	126592	127328	1.34	cps
Gadolinium	160-2	91285	92831	91734	91950	0.87	cps
Holmium	165-1	33668669	33872453	33627437	33722853	0.39	cps
Holmium	165-2	22544781	22470682	22753977	22589813	0.65	cps
Indium	115-1	29332907	29783231	29338390	29484843	0.88	cps
Indium	115-2	9642959	9594876	9615862	9617899	0.25	cps
Iron	56-2	636793751	631002191	638696697	635497546	0.63	cps
Iron	57-2	15803281	15799003	15683047	15761777	0.43	cps
Iron	54-2	34426425	34805412	35526674	34919504	1.60	cps
Krypton	83-1	493	473	480	482	2.11	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4571-01MS Instrumnet Name : P7
Client Sample ID : MYE543SRE Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:32:22 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1910283	1894387	1915054	1906575	0.57	cps
Lead	207-1	1613119	1630633	1650824	1631525	1.16	cps
Lead	208-1	7526717	7510287	7512666	7516556	0.12	cps
Lithium	6-1	3134711	3103435	3097829	3111991	0.64	cps
Magnesium	24-2	10784432	10719953	10714188	10739524	0.36	cps
Manganese	55-2	22846481	23168991	23358893	23124789	1.12	cps
Molybdenum	94-1	134972	134353	137152	135492	1.09	cps
Molybdenum	95-1	16246	16616	16292	16385	1.23	cps
Molybdenum	96-1	43732	43742	45507	44327	2.31	cps
Molybdenum	97-1	9940	10047	9877	9955	0.86	cps
Molybdenum	98-1	25663	26043	26578	26094	1.76	cps
Neodymium	150-1	260759	267037	266639	264812	1.33	cps
Neodymium	150-2	149965	151046	150278	150429	0.37	cps
Nickel	60-2	6662438	6719973	6683017	6688476	0.44	cps
Phosphorus	31-2	43936	43592	43285	43604	0.75	cps
Potassium	39-2	7172333	7403968	7243732	7273344	1.63	cps
Rhodium	103-1	28545328	28001730	28188445	28245168	0.98	cps
Rhodium	103-2	16190982	16334781	16431138	16318967	0.74	cps
Scandium	45-1	16457705	16452155	16528728	16479529	0.26	cps
Scandium	45-2	1318922	1340730	1304486	1321379	1.38	cps
Selenium	82-1	140618	142056	142371	141682	0.66	cps
Selenium	77-2	13333	12849	13042	13075	1.86	cps
Selenium	78-2	42561	42795	43156	42837	0.70	cps
Silicon	28-1	53540871	54896178	54527743	54321597	1.29	cps
Silver	107-1	4179748	4241582	4215050	4212127	0.74	cps
Silver	109-1	3934189	3973459	4021673	3976440	1.10	cps
Sodium	23-2	282164	283411	281895	282490	0.29	cps
Strontium	86-1	428960	434064	434212	432412	0.69	cps
Strontium	88-1	3772932	3863031	3817671	3817878	1.18	cps
Sulfur	34-1	267774	263505	262610	264630	1.04	cps
Terbium	159-1	34712156	34730374	34671148	34704559	0.09	cps
Terbium	159-2	22452241	22169928	22562631	22394933	0.90	cps
Thallium	203-1	3174071	3163159	3198725	3178652	0.57	cps
Thallium	205-1	7510230	7394328	7633466	7512675	1.59	cps
Tin	118-1	52425	53512	54238	53392	1.71	cps
Titanium	47-1	2223625	2208437	2244636	2225566	0.82	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4571-01MS

Instrumnet Name :

P7

Client Sample ID :

MYE543SRE

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:32:22

DataFile Name :

041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53386	54424	54484	54098	1.14	cps
Vanadium	51-2	13764484	13851414	13840865	13818921	0.34	cps
Yttrium	89-1	42295031	42379481	42113197	42262570	0.32	cps
Yttrium	89-2	9844256	10046222	10052449	9980975	1.19	cps
Zinc	66-2	3375666	3369489	3349842	3364999	0.40	cps
Zirconium	90-1	343080	344682	351778	346513	1.34	cps
Zirconium	91-1	76157	78240	78468	77622	1.64	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4573-07ARE Instrumnet Name : P7
Client Sample ID : MYE5A2A Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:35:14 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18046914	17713981	18245437	18002111	1.49	cps
Antimony	121-1	44830	45773	44412	45005	1.55	cps
Arsenic	75-2	120151	120863	119899	120305	0.42	cps
Barium	135-1	2272930	2235634	2243557	2250707	0.87	cps
Barium	137-1	3809792	3905879	3892852	3869508	1.35	cps
Beryllium	9-1	3400	3234	3006	3213	6.16	cps
Bismuth	209-1	19075426	18992386	18878273	18982028	0.52	cps
Bismuth	209-2	15227724	14768278	14975087	14990363	1.54	cps
Bromine	81-1	26247	27369	27810	27142	2.97	cps
Bromine	81-2	2734	2564	2454	2584	5.46	cps
Cadmium	108-1	687	817	777	760	8.76	cps
Cadmium	106-1	11765	12128	11595	11829	2.30	cps
Cadmium	111-1	12696	12866	12630	12731	0.96	cps
Calcium	43-1	615574	617318	616114	616335	0.14	cps
Calcium	44-1	9686289	9629029	9689518	9668279	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	763471	766206	762377	764018	0.26	cps
Cobalt	59-2	672103	664108	667606	667939	0.60	cps
Copper	63-2	1812863	1793820	1817834	1808172	0.70	cps
Dysprosium	156-1	171706	171380	174011	172365	0.83	cps
Dysprosium	156-2	143615	141040	142888	142514	0.93	cps
Erbium	164-1	130991	132777	132845	132204	0.80	cps
Erbium	164-2	90148	89907	89018	89691	0.66	cps
Gadolinium	160-1	161624	164277	166834	164245	1.59	cps
Gadolinium	160-2	117848	115679	116893	116807	0.93	cps
Holmium	165-1	33791243	33661176	33783165	33745195	0.22	cps
Holmium	165-2	23165434	22903508	22955455	23008132	0.60	cps
Indium	115-1	29749735	29683877	29276478	29570030	0.87	cps
Indium	115-2	9771356	9802568	9842569	9805497	0.36	cps
Iron	56-2	755813615	755670762	755901002	755795127	0.02	cps
Iron	57-2	18749035	18689907	18447783	18628908	0.86	cps
Iron	54-2	41226393	41429731	41045482	41233869	0.47	cps
Krypton	83-1	523	483	580	529	9.18	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4573-07ARE Instrumnet Name : P7
Client Sample ID : MYE5A2A Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:35:14 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	662890	664884	672119	666631	0.73	cps
Lead	207-1	570518	573722	576515	573585	0.52	cps
Lead	208-1	2610020	2618450	2641404	2623291	0.62	cps
Lithium	6-1	3022506	2951891	2862380	2945593	2.72	cps
Magnesium	24-2	12431124	12248681	12456720	12378842	0.92	cps
Manganese	55-2	13383658	13322989	13245154	13317267	0.52	cps
Molybdenum	94-1	160415	163720	167220	163785	2.08	cps
Molybdenum	95-1	13433	14347	13767	13849	3.34	cps
Molybdenum	96-1	47574	48336	48062	47991	0.80	cps
Molybdenum	97-1	8493	8973	8806	8757	2.78	cps
Molybdenum	98-1	21489	21910	22043	21814	1.33	cps
Neodymium	150-1	331293	333531	328593	331139	0.75	cps
Neodymium	150-2	189337	191172	189201	189903	0.58	cps
Nickel	60-2	312356	312022	312257	312211	0.05	cps
Phosphorus	31-2	44916	45330	44595	44947	0.82	cps
Potassium	39-2	7778510	7910065	7741447	7810008	1.13	cps
Rhodium	103-1	28395388	28185587	28165706	28248894	0.45	cps
Rhodium	103-2	16634520	16402522	16668031	16568357	0.87	cps
Scandium	45-1	16738910	16796550	16635052	16723504	0.49	cps
Scandium	45-2	1350446	1367495	1353290	1357077	0.67	cps
Selenium	82-1	2129	2205	2068	2134	3.20	cps
Selenium	77-2	610	580	670	620	7.39	cps
Selenium	78-2	963	1020	1030	1004	3.58	cps
Silicon	28-1	75525204	77487144	75250996	76087781	1.60	cps
Silver	107-1	9110	8386	8226	8574	5.49	cps
Silver	109-1	8192	7742	7539	7824	4.28	cps
Sodium	23-2	309131	305156	305852	306713	0.69	cps
Strontium	86-1	627122	631890	633362	630791	0.52	cps
Strontium	88-1	5524192	5479285	5535565	5513014	0.54	cps
Sulfur	34-1	268245	266251	261918	265472	1.22	cps
Terbium	159-1	34643696	34428548	34584680	34552308	0.32	cps
Terbium	159-2	23119556	22499821	22674936	22764771	1.40	cps
Thallium	203-1	8126	8329	8126	8194	1.43	cps
Thallium	205-1	20072	19494	19087	19551	2.53	cps
Tin	118-1	54255	54636	54432	54441	0.35	cps
Titanium	47-1	2735642	2749286	2747515	2744148	0.27	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4573-07ARE

Instrumnet Name :

P7

Client Sample ID :

MYE5A2A

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:35:14

DataFile Name :

042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79643	78553	79522	79239	0.75	cps
Vanadium	51-2	1352527	1348017	1356255	1352266	0.31	cps
Yttrium	89-1	43192639	42801994	42818326	42937653	0.51	cps
Yttrium	89-2	10268043	10257218	10369392	10298218	0.60	cps
Zinc	66-2	392224	395023	392430	393226	0.40	cps
Zirconium	90-1	416244	427446	424582	422757	1.38	cps
Zirconium	91-1	93599	94589	94858	94348	0.70	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4588-14RE Instrumnet Name : P7
Client Sample ID : MYE5K5 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:38:15 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18511573	18859282	18375503	18582119	1.34	cps
Antimony	121-1	27543	27229	27196	27323	0.70	cps
Arsenic	75-2	515070	516926	522566	518187	0.75	cps
Barium	135-1	3651485	3669357	3705599	3675480	0.75	cps
Barium	137-1	6244527	6246959	6288397	6259961	0.39	cps
Beryllium	9-1	3717	3673	3845	3745	2.39	cps
Bismuth	209-1	17949621	19384941	19359697	18898087	4.35	cps
Bismuth	209-2	15779554	14616018	15303604	15233059	3.84	cps
Bromine	81-1	26634	28020	28067	27574	2.95	cps
Bromine	81-2	2470	2560	2547	2526	1.92	cps
Cadmium	108-1	1197	1173	1193	1188	1.06	cps
Cadmium	106-1	11875	12182	12058	12038	1.28	cps
Cadmium	111-1	18693	18844	18850	18795	0.47	cps
Calcium	43-1	690874	692514	693030	692139	0.16	cps
Calcium	44-1	10840588	10977992	10896552	10905044	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	980421	981557	964345	975441	0.99	cps
Cobalt	59-2	752291	747055	748901	749416	0.35	cps
Copper	63-2	2583526	2542214	2531829	2552523	1.07	cps
Dysprosium	156-1	160837	164670	164923	163477	1.40	cps
Dysprosium	156-2	134984	135597	134265	134949	0.49	cps
Erbium	164-1	124684	127751	127112	126516	1.28	cps
Erbium	164-2	85127	85543	85818	85496	0.41	cps
Gadolinium	160-1	146746	148030	149454	148077	0.91	cps
Gadolinium	160-2	106316	106421	105789	106175	0.32	cps
Holmium	165-1	31647993	34008218	33699302	33118504	3.87	cps
Holmium	165-2	24241005	22019251	23246489	23168915	4.80	cps
Indium	115-1	27849409	29552981	29594981	28999124	3.43	cps
Indium	115-2	10380403	9522426	9801542	9901457	4.42	cps
Iron	56-2	803252228	800071855	788749002	797357695	0.96	cps
Iron	57-2	19904606	19937297	19485511	19775805	1.27	cps
Iron	54-2	43730899	44220551	42678430	43543294	1.81	cps
Krypton	83-1	590	510	530	543	7.66	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : P4588-14RE Instrumnet Name : P7
Client Sample ID : MYE5K5 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:38:15 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5136960	5178425	5313326	5209570	1.77	cps
Lead	207-1	4492544	4618556	4717326	4609475	2.44	cps
Lead	208-1	20599112	20782026	21196344	20859161	1.47	cps
Lithium	6-1	2861991	2973287	2958698	2931325	2.06	cps
Magnesium	24-2	13572689	13736874	13597739	13635767	0.65	cps
Manganese	55-2	32314889	32333785	31711568	32120081	1.10	cps
Molybdenum	94-1	189199	192181	192511	191297	0.95	cps
Molybdenum	95-1	13410	13550	13453	13471	0.53	cps
Molybdenum	96-1	51865	52557	53337	52586	1.40	cps
Molybdenum	97-1	8126	7952	8206	8095	1.60	cps
Molybdenum	98-1	19750	19720	20067	19846	0.97	cps
Neodymium	150-1	305983	309094	308330	307803	0.53	cps
Neodymium	150-2	174704	174705	174745	174718	0.01	cps
Nickel	60-2	366716	367342	363319	365792	0.59	cps
Phosphorus	31-2	43395	43562	42796	43251	0.93	cps
Potassium	39-2	7783949	7627492	7544917	7652120	1.59	cps
Rhodium	103-1	26417365	28429303	28726515	27857728	4.51	cps
Rhodium	103-2	17504102	16112766	16706823	16774564	4.16	cps
Scandium	45-1	15776709	16716964	16748608	16414094	3.36	cps
Scandium	45-2	1437629	1309507	1312957	1353364	5.39	cps
Selenium	82-1	1867	2108	2095	2023	6.69	cps
Selenium	77-2	513	580	617	570	9.19	cps
Selenium	78-2	1027	963	973	988	3.45	cps
Silicon	28-1	89658605	89925875	89604829	89729770	0.19	cps
Silver	107-1	37177	38451	38067	37898	1.72	cps
Silver	109-1	35153	34541	35724	35139	1.68	cps
Sodium	23-2	276395	275489	275369	275751	0.20	cps
Strontium	86-1	575055	577614	580686	577785	0.49	cps
Strontium	88-1	5019650	5036224	5114546	5056807	1.00	cps
Sulfur	34-1	286969	281763	279859	282864	1.30	cps
Terbium	159-1	32392655	34666679	34752132	33937155	3.94	cps
Terbium	159-2	24041170	22030021	22783148	22951446	4.43	cps
Thallium	203-1	9373	9630	9734	9579	1.94	cps
Thallium	205-1	22562	22359	22108	22343	1.02	cps
Tin	118-1	51714	49445	49639	50266	2.50	cps
Titanium	47-1	2566051	2581735	2593282	2580356	0.53	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

P4588-14RE

Instrumnet Name :

P7

Client Sample ID :

MYE5K5

Dilution Factor :

1

Date & Time Acquired :

2024-11-13 19:38:15

DataFile Name :

043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63299	66394	65825	65173	2.53	cps
Vanadium	51-2	1564615	1541833	1507620	1538022	1.87	cps
Yttrium	89-1	39528124	42655369	43033904	41739133	4.61	cps
Yttrium	89-2	10924247	10069745	10221109	10405034	4.38	cps
Zinc	66-2	491938	494354	495683	493991	0.38	cps
Zirconium	90-1	496484	507870	508835	504396	1.36	cps
Zirconium	91-1	111990	113158	114227	113125	0.99	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV032 Instrumnet Name : P7
Client Sample ID : CCV032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:46:28 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22964428	23081624	22999017	23015023	0.26	cps
Antimony	121-1	12630537	12646567	12514064	12597056	0.57	cps
Arsenic	75-2	658898	663554	659114	660522	0.40	cps
Barium	135-1	14856261	14947189	14711017	14838156	0.80	cps
Barium	137-1	25713948	25198454	25074804	25329069	1.34	cps
Beryllium	9-1	1163691	1183910	1207912	1185171	1.87	cps
Bismuth	209-1	17382744	17461101	17430154	17424666	0.23	cps
Bismuth	209-2	13571692	13812779	13772507	13718993	0.94	cps
Bromine	81-1	17177	16443	17107	16909	2.40	cps
Bromine	81-2	130	177	203	170	21.84	cps
Cadmium	108-1	251002	248480	244182	247888	1.39	cps
Cadmium	106-1	362846	358732	357903	359827	0.74	cps
Cadmium	111-1	3398104	3386971	3325041	3370039	1.17	cps
Calcium	43-1	16117691	15780910	15782626	15893742	1.22	cps
Calcium	44-1	258760109	259250763	255763603	257924825	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4768824	4847470	4898993	4838429	1.35	cps
Cobalt	59-2	8057351	8067406	8081541	8068766	0.15	cps
Copper	63-2	59036396	58516592	58492664	58681884	0.52	cps
Dysprosium	156-1	543	663	647	618	10.52	cps
Dysprosium	156-2	917	920	970	936	3.19	cps
Erbium	164-1	683	597	550	610	11.09	cps
Erbium	164-2	410	427	407	414	2.59	cps
Gadolinium	160-1	540	570	560	557	2.74	cps
Gadolinium	160-2	1243	1330	1257	1277	3.66	cps
Holmium	165-1	32571536	32787405	32534286	32631076	0.42	cps
Holmium	165-2	21970450	22099354	22236036	22101946	0.60	cps
Indium	115-1	27788413	28032604	27516498	27779172	0.93	cps
Indium	115-2	9194350	9280482	9219055	9231295	0.48	cps
Iron	56-2	1058320651	1055065718	1064939691	1059442020	0.47	cps
Iron	57-2	26533676	26708330	26456624	26566210	0.49	cps
Iron	54-2	58535411	57929056	58169674	58211380	0.52	cps
Krypton	83-1	367	423	480	423	13.39	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV032 Instrumnet Name : P7
Client Sample ID : CCV032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:46:28 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38663850	39250849	39581437	39165379	1.19	cps
Lead	207-1	34361867	34279407	34702149	34447808	0.65	cps
Lead	208-1	155691828	156634760	157484052	156603547	0.57	cps
Lithium	6-1	3111162	3201819	3211527	3174836	1.74	cps
Magnesium	24-2	200304144	204197770	203844884	202782266	1.06	cps
Manganese	55-2	35840831	36028816	35746481	35872043	0.40	cps
Molybdenum	94-1	45667421	45499199	45339581	45502067	0.36	cps
Molybdenum	95-1	66258181	65761319	65615762	65878421	0.51	cps
Molybdenum	96-1	72586719	71844874	71343986	71925193	0.87	cps
Molybdenum	97-1	41381809	41118117	41212518	41237481	0.32	cps
Molybdenum	98-1	106237488	105577918	105199028	105671478	0.50	cps
Neodymium	150-1	837	923	650	803	17.39	cps
Neodymium	150-2	210	260	250	240	11.03	cps
Nickel	60-2	2116152	2064955	2101632	2094247	1.26	cps
Phosphorus	31-2	234416	234648	234221	234428	0.09	cps
Potassium	39-2	118759232	118008472	117460895	118076199	0.55	cps
Rhodium	103-1	25851346	25667265	25625191	25714601	0.47	cps
Rhodium	103-2	14971956	14910916	14985605	14956159	0.27	cps
Scandium	45-1	16161477	15977249	15676186	15938304	1.54	cps
Scandium	45-2	1270336	1273814	1276623	1273591	0.25	cps
Selenium	82-1	204730	201333	201068	202377	1.01	cps
Selenium	77-2	18385	18041	18388	18271	1.09	cps
Selenium	78-2	61102	61162	61069	61111	0.08	cps
Silicon	28-1	13674245	13704083	13612545	13663625	0.34	cps
Silver	107-1	16463511	16388835	16269238	16373861	0.60	cps
Silver	109-1	15719513	15500913	15329178	15516535	1.26	cps
Sodium	23-2	320298602	324544775	326032982	323625453	0.92	cps
Strontium	86-1	4156124	4086407	4091037	4111189	0.95	cps
Strontium	88-1	35904743	35765843	35259474	35643353	0.95	cps
Sulfur	34-1	1329278	1296251	1289703	1305077	1.63	cps
Terbium	159-1	33239550	33559588	33235008	33344715	0.56	cps
Terbium	159-2	21673071	22067650	21531586	21757435	1.28	cps
Thallium	203-1	9947792	9933966	9813109	9898289	0.75	cps
Thallium	205-1	23468993	23543990	23745052	23586012	0.61	cps
Tin	118-1	10261280	10235679	10262193	10253051	0.15	cps
Titanium	47-1	15957829	15783563	15560246	15767213	1.26	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCV032 Instrumnet Name : P7
Client Sample ID : CCV032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:46:28 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30909017	31476261	31145960	31177080	0.91	cps
Vanadium	51-2	4152655	4219600	4249739	4207331	1.18	cps
Yttrium	89-1	39480102	38980769	38672044	39044305	1.04	cps
Yttrium	89-2	9527541	9515265	9535089	9525965	0.11	cps
Zinc	66-2	9273007	9231529	9267881	9257472	0.24	cps
Zirconium	90-1	22304121	22416264	22200801	22307062	0.48	cps
Zirconium	91-1	4897589	4907842	4904114	4903182	0.11	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB032 Instrumnet Name : P7
Client Sample ID : CCB032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:50:20 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	500	467	494	5.15	cps
Antimony	121-1	1867	2610	3574	2684	31.89	cps
Arsenic	75-2	23	17	10	17	39.99	cps
Barium	135-1	367	330	253	317	18.26	cps
Barium	137-1	560	483	500	514	7.84	cps
Beryllium	9-1	111	61	128	100	34.70	cps
Bismuth	209-1	18987516	19361445	19187291	19178750	0.98	cps
Bismuth	209-2	15228744	15170116	15092404	15163755	0.45	cps
Bromine	81-1	16029	16039	16076	16048	0.15	cps
Bromine	81-2	120	173	160	151	18.37	cps
Cadmium	108-1	40	30	53	41	28.47	cps
Cadmium	106-1	9733	10067	9807	9869	1.78	cps
Cadmium	111-1	6982	7179	6994	7052	1.57	cps
Calcium	43-1	910	947	843	900	5.82	cps
Calcium	44-1	57611	55770	56682	56688	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5024	5188	5138	5116	1.64	cps
Cobalt	59-2	297	303	277	292	4.75	cps
Copper	63-2	3600	3400	3307	3436	4.36	cps
Dysprosium	156-1	47	33	50	43	20.36	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	137	153	153	148	6.51	cps
Erbium	164-2	110	100	107	106	4.82	cps
Gadolinium	160-1	133	150	167	150	11.11	cps
Gadolinium	160-2	1000	1083	1030	1038	4.07	cps
Holmium	165-1	32246760	32501291	32599579	32449210	0.56	cps
Holmium	165-2	22651381	22363091	22337336	22450602	0.78	cps
Indium	115-1	29783671	29713733	29386272	29627892	0.72	cps
Indium	115-2	9746602	9751910	9786812	9761775	0.22	cps
Iron	56-2	67571	67052	66650	67091	0.69	cps
Iron	57-2	2710	2564	2567	2614	3.20	cps
Iron	54-2	5945	5601	5841	5796	3.04	cps
Krypton	83-1	373	373	423	390	7.40	cps

LB Number : LB133439 Operator : Jaswal
Lab Sample ID : CCB032 Instrumnet Name : P7
Client Sample ID : CCB032 Dilution Factor : 1
Date & Time Acquired : 2024-11-13 19:50:20 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2147	2127	2040	2105	2.69	cps
Lead	207-1	1877	1917	1783	1859	3.68	cps
Lead	208-1	8975	8731	8421	8709	3.19	cps
Lithium	6-1	3409552	3333991	3426283	3389942	1.45	cps
Magnesium	24-2	3117	3237	2937	3097	4.88	cps
Manganese	55-2	1063	950	880	964	9.59	cps
Molybdenum	94-1	2304	2150	2264	2239	3.55	cps
Molybdenum	95-1	990	957	1147	1031	9.84	cps
Molybdenum	96-1	1253	1183	1490	1309	12.28	cps
Molybdenum	97-1	633	517	653	601	12.28	cps
Molybdenum	98-1	1597	1410	1657	1555	8.28	cps
Neodymium	150-1	40	30	43	38	18.36	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	940	890	903	911	2.84	cps
Phosphorus	31-2	283	247	277	269	7.26	cps
Potassium	39-2	91479	91318	89323	90707	1.32	cps
Rhodium	103-1	28106493	28571015	28510221	28395910	0.89	cps
Rhodium	103-2	16716086	16537952	16441384	16565141	0.84	cps
Scandium	45-1	15946418	16261957	16291176	16166517	1.18	cps
Scandium	45-2	1287793	1283321	1303711	1291608	0.83	cps
Selenium	82-1	1718	1640	1676	1678	2.32	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	473	507	480	487	3.62	cps
Silicon	28-1	1479856	1482687	1495602	1486048	0.56	cps
Silver	107-1	673	717	720	703	3.70	cps
Silver	109-1	630	657	570	619	7.17	cps
Sodium	23-2	90041	90832	89733	90202	0.63	cps
Strontium	86-1	677	633	683	664	4.09	cps
Strontium	88-1	733	683	693	703	3.76	cps
Sulfur	34-1	315675	315491	317581	316249	0.37	cps
Terbium	159-1	33814296	34032411	33461966	33769558	0.85	cps
Terbium	159-2	22321290	22348536	21981990	22217272	0.92	cps
Thallium	203-1	1823	1607	1573	1668	8.14	cps
Thallium	205-1	4144	3934	3731	3936	5.25	cps
Tin	118-1	4624	4831	4848	4768	2.61	cps
Titanium	47-1	2267	2260	2104	2210	4.18	cps

LB Number :

LB133439

Operator :

Jaswal

Lab Sample ID :

CCB032

Instrumnet Name :

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1

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2024-11-13 19:50:20

DataFile Name :

046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	203	153	117	158	27.57	cps
Vanadium	51-2	27	40	47	38	26.95	cps
Yttrium	89-1	40581039	40154419	39573433	40102964	1.26	cps
Yttrium	89-2	9819770	9603883	9592618	9672090	1.32	cps
Zinc	66-2	2850	2694	2800	2781	2.88	cps
Zirconium	90-1	4611	4868	5078	4852	4.82	cps
Zirconium	91-1	900	983	1100	994	10.10	cps