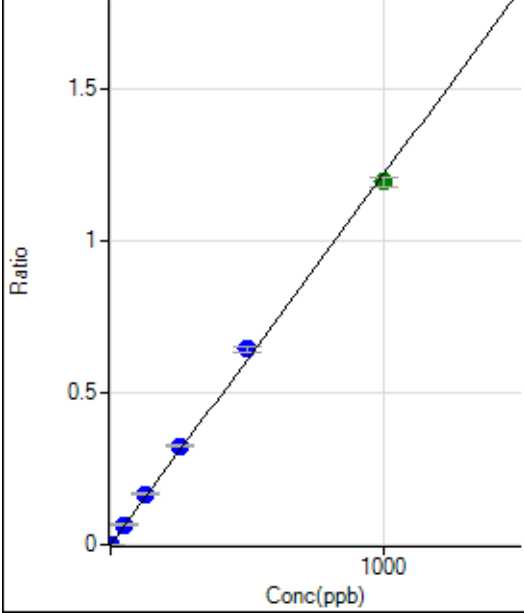


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102524-MS2.b\
Analysis File: P7102524-MS2.batch.bin
DA Date-Time: 2024-10-25 17:14:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-25 14:34:05
2	005CALS.d	S02	2024-10-25 14:37:23
3	006CALS.d	S03	2024-10-25 14:40:43
4	007CALS.d	S04	2024-10-25 14:43:45
5	008CALS.d	S05	2024-10-25 14:46:38
6	009CALS.d	S06	2024-10-25 14:49:25
7	010CALS.d	S07	2024-10-25 14:52:13
8	011CALS.d	S08	2024-10-25 14:54:59

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

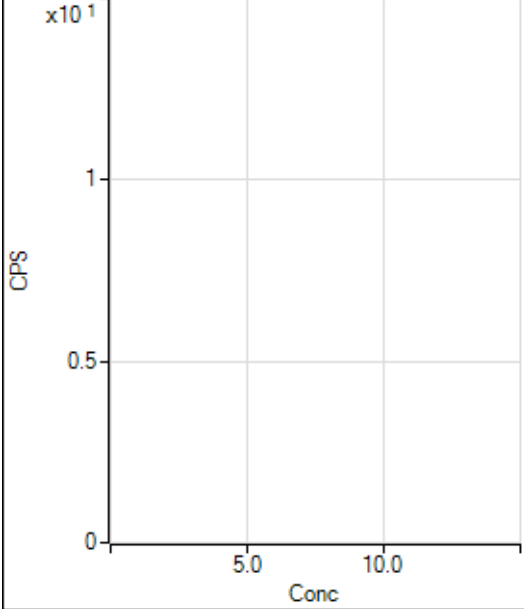


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.06	0.0000	P	37.9
2	☐	1.000	1.079	2115.29	0.0013	P	8.6
3	☐	50.000	53.997	105786.45	0.0658	P	3.9
4	☐	125.000	137.179	273391.96	0.1671	P	1.3
5	☐	250.000	266.788	539855.52	0.3250	P	2.7
6	☐	500.000	527.930	1066466.71	0.6431	P	2.3
7	☐	1000.000	980.116	1993595.02	1.1939	A	2.6
8	☐			242.31	0.0002	P	24.5

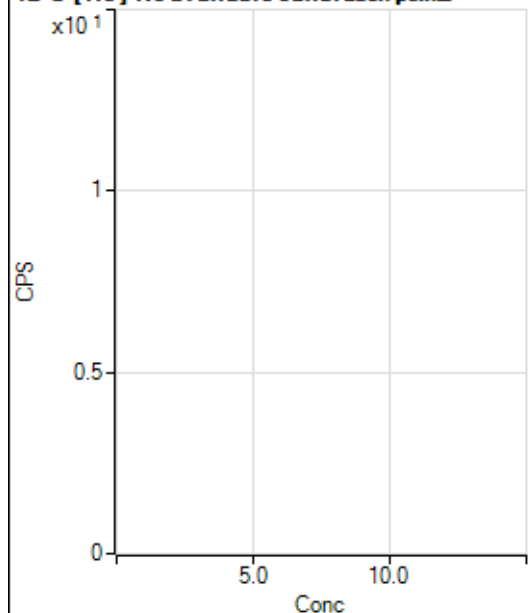
y = 0.0012 * x + 1.7856E-005
R = 0.9992
DL = 0.01667
BEC = 0.01466

Weight: <None>
Min Conc: 0

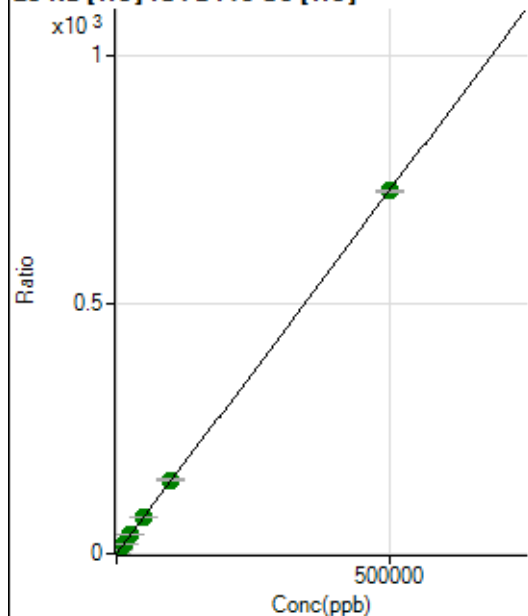
12 C [No Gas] No available calibration points



	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	47153.02	0.0824	P	1.2
2	☐	500.000	514.227	462439.36	0.8317	P	0.3
3	☐	5000.000	5058.634	4188546.82	7.4534	A	0.7
4	☐	12500.000	12979.864	10376338.73	18.9955	A	0.5
5	☐	25000.000	25573.570	20012889.98	37.3459	A	0.4
6	☐	50000.000	50856.692	39240768.86	74.1863	A	0.5
7	☐	100000.00	101637.05	81496051.01	148.1789	A	0.6
8	☐	500000.00	499545.64	400904291.80	727.9763	A	0.2

$$y = 0.0015 * x + 0.0824$$

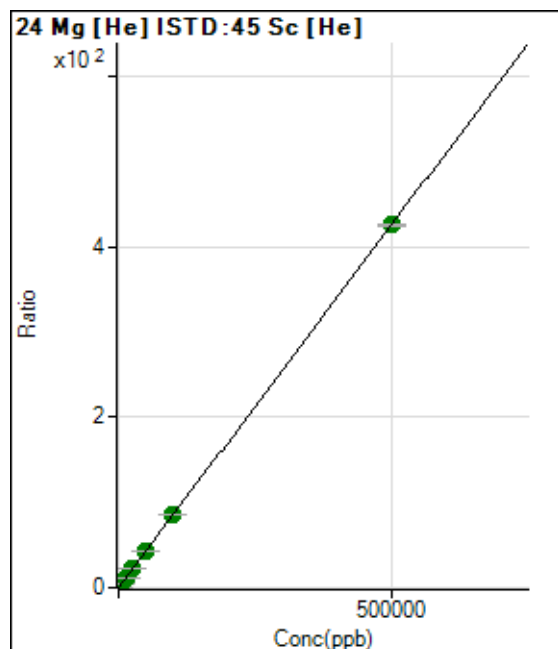
$$R = 1.0000$$

$$DL = 1.973$$

$$BEC = 56.53$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1677.89	0.0029	P	5.3
2	☐	500.000	555.071	264139.50	0.4750	P	0.3
3	☐	5000.000	5034.633	2408016.58	4.2850	A	0.9
4	☐	12500.000	12844.981	5969427.41	10.9279	A	0.9
5	☐	25000.000	25321.313	11542435.25	21.5393	A	0.6
6	☐	50000.000	50342.985	22649972.16	42.8207	A	0.2
7	☐	100000.00	99825.312	46696397.08	84.9065	A	0.6
8	☐	500000.00	499975.54	234184898.73	425.2431	A	0.2

$$y = 8.5052\text{E-}004 * x + 0.0029$$

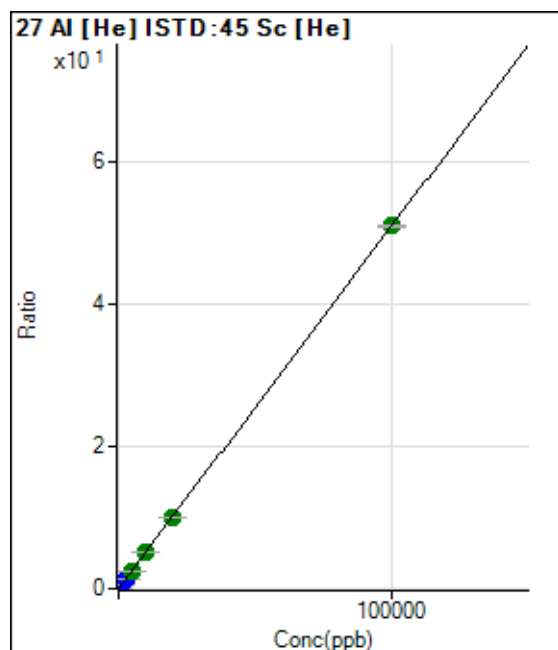
$$R = 1.0000$$

$$DL = 0.5484$$

$$BEC = 3.446$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12197.17	0.0213	P	2.8
2	☐	20.000	-17.432	6902.72	0.0124	P	2.4
3	☐	1000.000	1022.232	305093.68	0.5429	P	1.2
4	☐	2500.000	2623.796	742953.02	1.3601	P	0.4
5	☐	5000.000	4939.826	1362142.77	2.5418	A	1.2
6	☐	10000.000	9843.318	2667911.45	5.0438	A	0.6
7	☐	20000.000	19668.164	5530946.10	10.0569	A	0.8
8	☐	100000.00	100081.73	28134383.75	51.0874	A	0.3

$$y = 5.1024\text{E-}004 * x + 0.0213$$

$$R = 1.0000$$

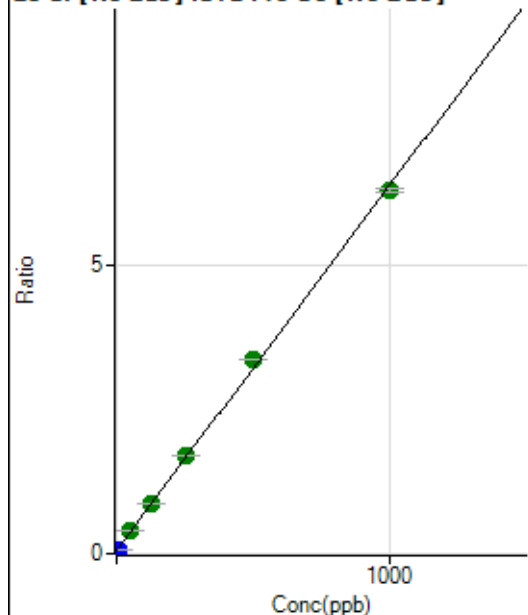
$$DL = 3.486$$

$$BEC = 41.76$$

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	353838.30	0.0551	P	1.0
2	☐	10.000	2.042	415112.11	0.0681	P	1.2
3	☐	50.000	56.924	2575093.54	0.4158	A	0.7
4	☐	125.000	128.079	5314361.80	0.8666	A	1.4
5	☐	250.000	259.761	10263857.83	1.7009	A	1.7
6	☐	500.000	522.879	19988267.34	3.3680	A	0.7
7	☐	1000.000	985.469	38686156.37	6.2989	A	1.0
8	☐			425290.33	0.0693	P	2.6

$$y = 0.0063 * x + 0.0551$$

$$R = 0.9995$$

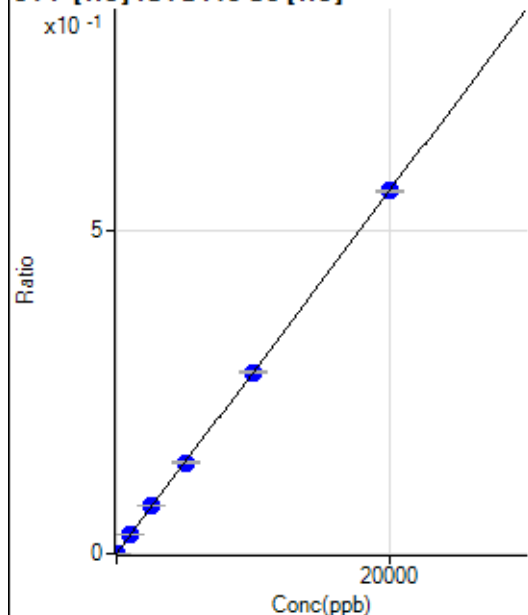
$$DL = 0.2561$$

$$BEC = 8.703$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.469	178.89	0.0003	P	19.7
2	☐	0.000	14.469	625.58	0.0011	P	7.0
3	☐	1000.000	996.267	16121.91	0.0287	P	0.9
4	☐	2500.000	2584.138	40021.05	0.0733	P	0.2
5	☐	5000.000	5006.692	75704.61	0.1413	P	1.0
6	☐	10000.000	9994.108	148788.00	0.2813	P	0.5
7	☐	20000.000	19990.943	309049.08	0.5619	P	0.3
8	☐			264.45	0.0005	P	9.5

$$y = 2.8074E-005 * x + 7.1870E-004$$

$$R = 1.0000$$

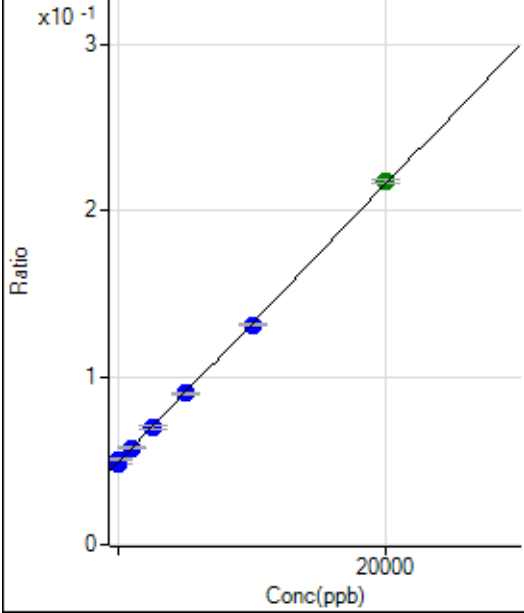
$$DL = 7.477$$

$$BEC = 25.6$$

Weight: <None>

Min Conc: 0

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

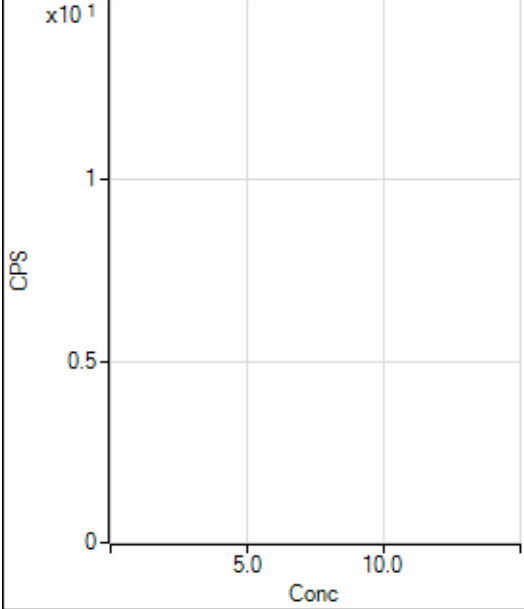


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-151.608	309700.91	0.0483	P	1.1
2	☐	0.000	151.608	309684.05	0.0508	P	1.9
3	☐	1000.000	1006.753	358678.81	0.0579	P	1.7
4	☐	2500.000	2485.948	430919.70	0.0703	P	1.9
5	☐	5000.000	4921.167	546713.51	0.0906	P	0.6
6	☐	10000.000	9827.218	780639.74	0.1315	P	0.9
7	☐	20000.000	20107.518	1334919.81	0.2173	A	1.2
8	☐			259242.33	0.0422	P	1.1

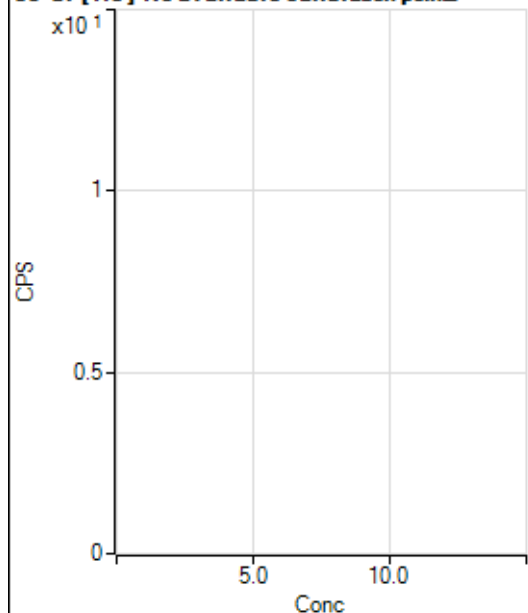
y = 8.3462E-006 * x + 0.0495
R = 0.9999
DL = 267.2
BEC = 5934

Weight: <None>
Min Conc: 0

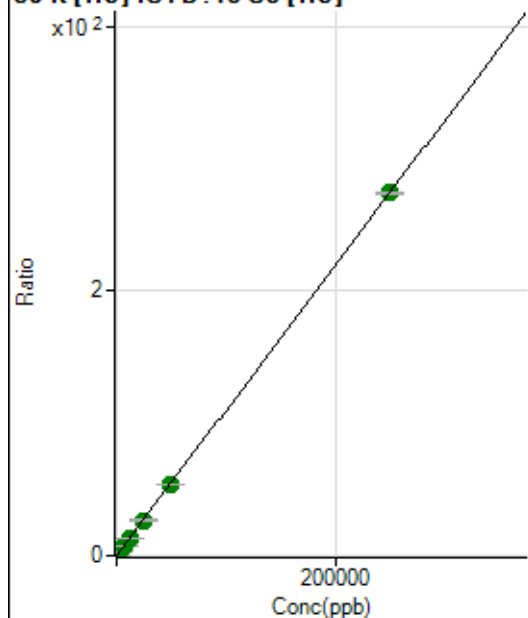
35 Cl [No Gas] No available calibration points



	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	81086.66	0.1417	P	0.7
2	☐	500.000	518.921	394703.42	0.7099	P	0.7
3	☐	2500.000	2447.742	1585775.32	2.8218	A	0.6
4	☐	6250.000	6233.085	3805528.56	6.9666	A	0.8
5	☐	12500.000	12242.681	7259482.95	13.5468	A	0.2
6	☐	25000.000	24416.616	14216358.54	26.8766	A	0.6
7	☐	50000.000	48765.809	29444281.23	53.5377	A	0.9
8	☐	250000.00	250318.95	151019046.64	274.2278	A	0.4

$$y = 0.0011 * x + 0.1417$$

$$R = 1.0000$$

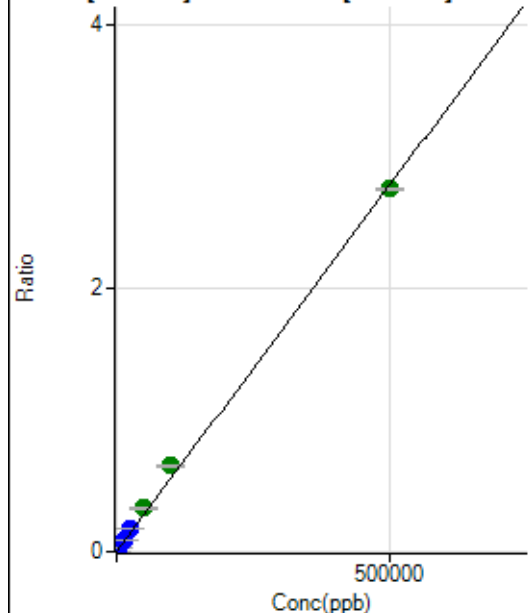
$$DL = 2.821$$

$$BEC = 129.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1484.53	0.0002	P	2.8
2	☐	500.000	498.671	18346.76	0.0030	P	1.7
3	☐	5000.000	6207.843	215559.36	0.0348	P	0.6
4	☐	12500.000	15875.805	543678.74	0.0887	P	1.5
5	☐	25000.000	31234.652	1051137.68	0.1742	P	1.9
6	☐	50000.000	59081.756	1954193.31	0.3293	A	1.0
7	☐	100000.00	117415.97	4018008.55	0.6542	A	1.8
8	☐	500000.00	495200.42	16932079.75	2.7583	A	0.8

$$y = 5.5697E-006 * x + 2.3129E-004$$

R = 0.9993

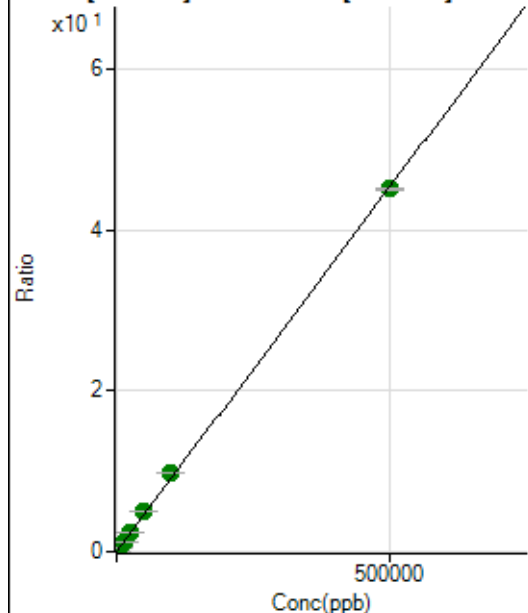
DL = 3.532

BEC = 41.53

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39632.92	0.0062	P	1.6
2	☐	500.000	504.400	316588.03	0.0519	P	0.2
3	☐	5000.000	5394.367	3067112.90	0.4953	A	0.0
4	☐	12500.000	13776.511	7697794.81	1.2553	A	0.9
5	☐	25000.000	27222.655	14931121.58	2.4744	A	1.9
6	☐	50000.000	54355.076	29284592.62	4.9345	A	0.8
7	☐	100000.00	108115.22	60245065.77	9.8089	A	1.5
8	☐	500000.00	497794.45	277098862.54	45.1409	A	0.5

$$y = 9.0669E-005 * x + 0.0062$$

R = 0.9998

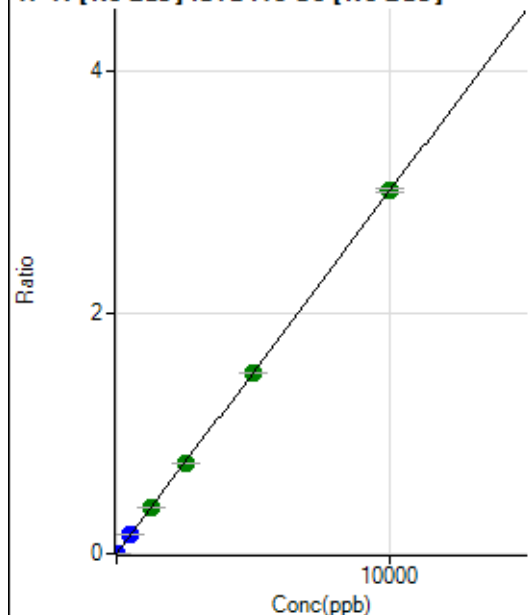
DL = 3.327

BEC = 68.12

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	348.01	0.0001	P	80.6
2	☐	5.000	4.446	8478.01	0.0014	P	2.1
3	☐	500.000	513.045	955407.14	0.1543	P	0.7
4	☐	1250.000	1269.282	2340251.30	0.3816	A	0.3
5	☐	2500.000	2493.015	4522453.89	0.7495	A	1.8
6	☐	5000.000	4985.660	8894622.92	1.4988	A	1.0
7	☐	10000.000	10005.854	18473975.97	3.0079	A	1.2
8	☐			2305.76	0.0004	P	3.3

$$y = 3.0061E-004 * x + 5.4054E-005$$

R = 1.0000

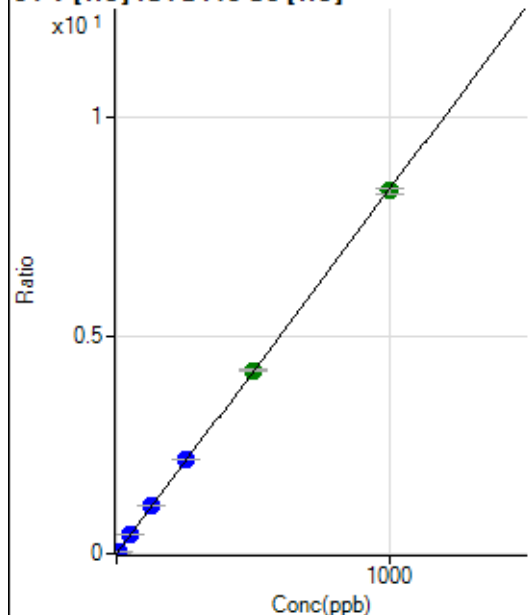
DL = 0.4349

BEC = 0.1798

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	22.22	0.0000	P	22.8
2	☐	5.000	5.064	23556.22	0.0424	P	0.2
3	☐	50.000	50.991	239513.68	0.4262	P	1.3
4	☐	125.000	131.913	602266.04	1.1025	P	0.4
5	☐	250.000	259.615	1162782.27	2.1699	P	0.7
6	☐	500.000	502.068	2219607.03	4.1962	A	0.8
7	☐	1000.000	995.648	4576351.91	8.3215	A	1.3
8	☐			886.70	0.0016	P	3.9

$$y = 0.0084 * x + 3.8816E-005$$

R = 0.9999

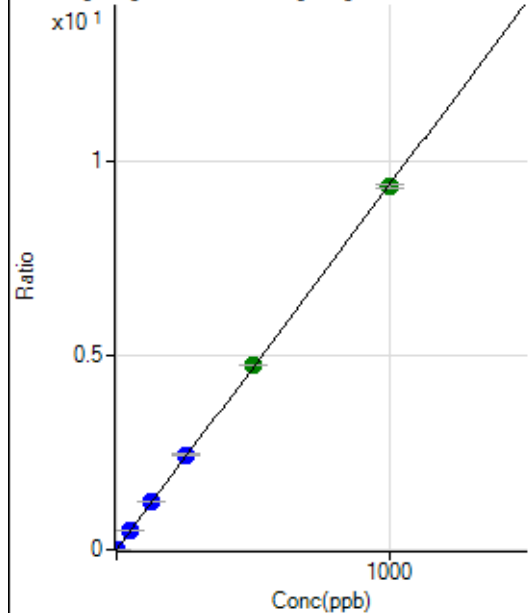
DL = 0.003176

BEC = 0.004644

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	1177.84	0.0021	P	4.9
2	☐	2.000	2.114	12187.24	0.0219	P	1.6
3	☐	50.000	51.708	274172.94	0.4879	P	1.1
4	☐	125.000	132.691	682152.97	1.2488	P	0.6
5	☐	250.000	260.156	1310987.66	2.4464	P	0.5
6	☐	500.000	504.154	2506667.88	4.7390	A	0.2
7	☐	1000.000	994.337	5139065.41	9.3446	A	1.0
8	☐			16952.99	0.0308	P	1.2

$$y = 0.0094 * x + 0.0021$$

$$R = 0.9999$$

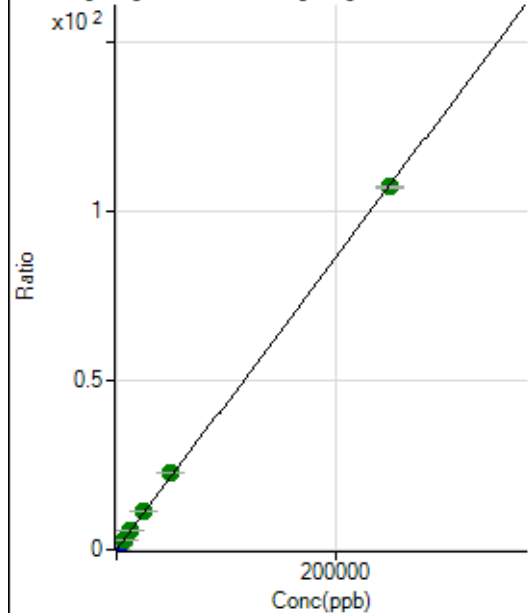
$$DL = 0.03251$$

$$BEC = 0.219$$

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	2599.14	0.0045	P	8.6
2	☐	50.000	57.284	16218.83	0.0292	P	1.1
3	☐	2500.000	2817.103	683155.56	1.2156	P	0.8
4	☐	6250.000	6752.455	1588208.29	2.9074	A	1.2
5	☐	12500.000	13463.158	3103943.84	5.7924	A	1.2
6	☐	25000.000	26758.382	6087167.27	11.5081	A	0.6
7	☐	50000.000	52931.116	12517043.42	22.7599	A	0.5
8	☐	250000.00	249174.04	58995053.56	107.1255	A	0.7

$$y = 4.2990E-004 * x + 0.0045$$

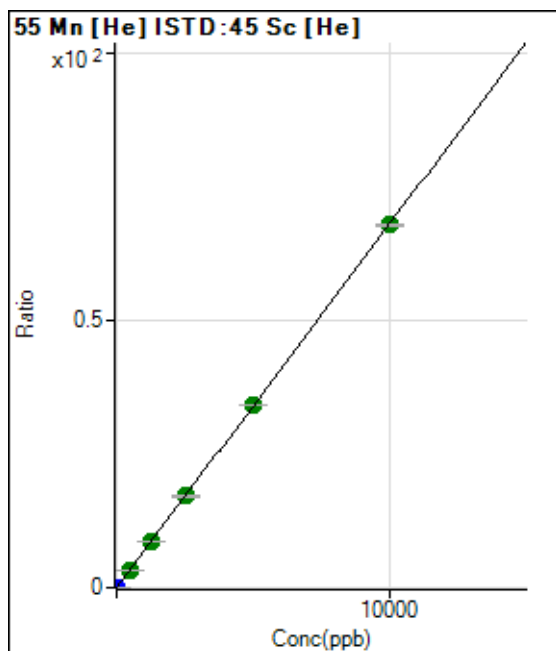
$$R = 0.9999$$

$$DL = 2.718$$

$$BEC = 10.56$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1176.73	0.0021	P	7.5
2	☐	1.000	0.979	4843.04	0.0087	P	1.6
3	☐	500.000	497.403	1901101.79	3.3830	A	0.8
4	☐	1250.000	1270.978	4720175.38	8.6410	A	0.5
5	☐	2500.000	2511.663	9149620.49	17.0740	A	0.4
6	☐	5000.000	5035.957	18106923.76	34.2319	A	0.4
7	☐	10000.000	9976.613	37295065.00	67.8140	A	0.8
8	☐			18588.22	0.0338	P	2.0

$$y = 0.0068 * x + 0.0021$$

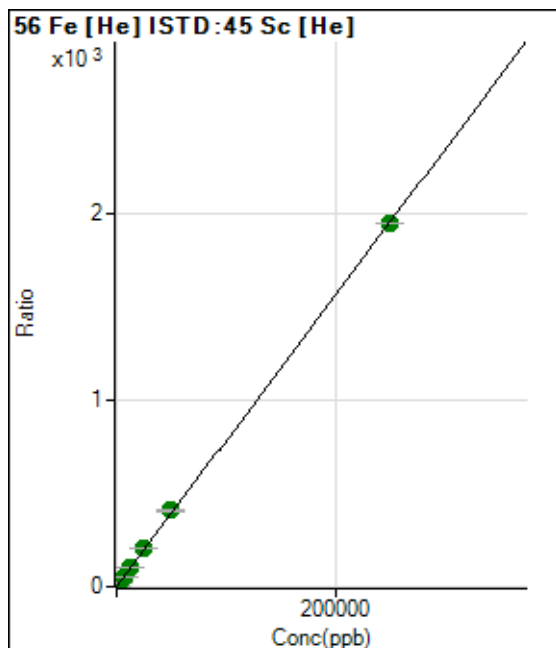
$$R = 1.0000$$

$$DL = 0.0677$$

$$BEC = 0.3025$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24918.51	0.0435	P	0.6
2	☐	50.000	54.516	260570.34	0.4686	P	0.2
3	☐	2500.000	2592.578	11385095.94	20.2587	A	1.3
4	☐	6250.000	6683.146	28489498.74	52.1543	A	1.0
5	☐	12500.000	13203.990	55194850.29	102.9995	A	0.7
6	☐	25000.000	26457.006	109142139.48	206.3377	A	0.1
7	☐	50000.000	52293.035	224269698.88	407.7899	A	0.7
8	☐	250000.00	249348.73	1070749344.0	1,944.299	A	0.1

$$y = 0.0078 * x + 0.0435$$

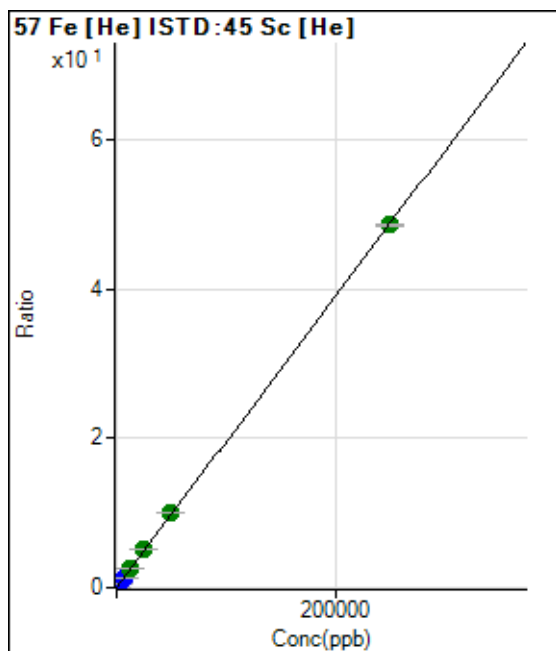
$$R = 0.9999$$

$$DL = 0.1009$$

$$BEC = 5.583$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2398.00	0.0042	P	3.3
2	☐	50.000	56.267	8429.09	0.0152	P	1.2
3	☐	2500.000	2758.077	304541.46	0.5419	P	1.1
4	☐	6250.000	7137.994	762484.70	1.3958	P	0.4
5	☐	12500.000	13204.284	1381764.23	2.5786	A	1.2
6	☐	25000.000	26353.921	2720026.63	5.1423	A	1.1
7	☐	50000.000	51656.333	5541119.71	10.0754	A	0.4
8	☐	250000.00	249473.34	26787914.88	48.6428	A	0.4

$$y = 1.9497\text{E-}004 * x + 0.0042$$

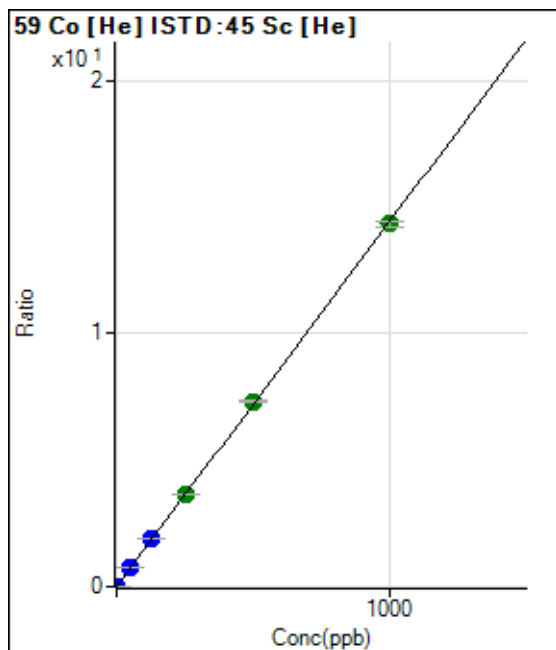
R = 1.0000

DL = 2.158

BEC = 21.49

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	153.34	0.0003	P	19.8
2	☐	1.000	1.057	8619.20	0.0155	P	1.8
3	☐	50.000	51.230	415001.96	0.7385	P	1.0
4	☐	125.000	131.506	1035300.79	1.8953	P	0.4
5	☐	250.000	254.153	1962766.41	3.6626	A	0.3
6	☐	500.000	507.922	3871624.94	7.3194	A	0.7
7	☐	1000.000	994.126	7878106.97	14.3256	A	1.5
8	☐			20768.93	0.0377	P	1.6

$$y = 0.0144 * x + 2.6795\text{E-}004$$

R = 0.9999

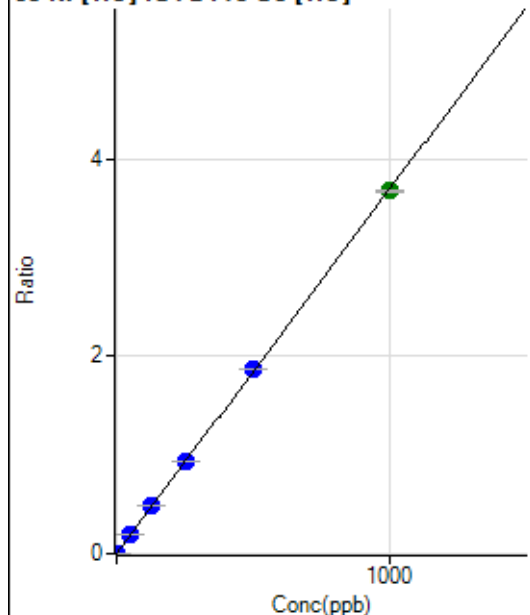
DL = 0.01102

BEC = 0.01859

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.90	0.0005	P	10.6
2	☐	1.000	1.080	2508.01	0.0045	P	0.2
3	☐	50.000	50.746	105637.33	0.1880	P	1.1
4	☐	125.000	130.929	264480.15	0.4842	P	0.2
5	☐	250.000	254.294	503661.27	0.9399	P	0.4
6	☐	500.000	504.710	986441.79	1.8649	P	0.1
7	☐	1000.000	995.793	2023297.87	3.6790	A	0.9
8	☐			7622.01	0.0138	P	1.9

$$y = 0.0037 * x + 5.2221E-004$$

R = 1.0000

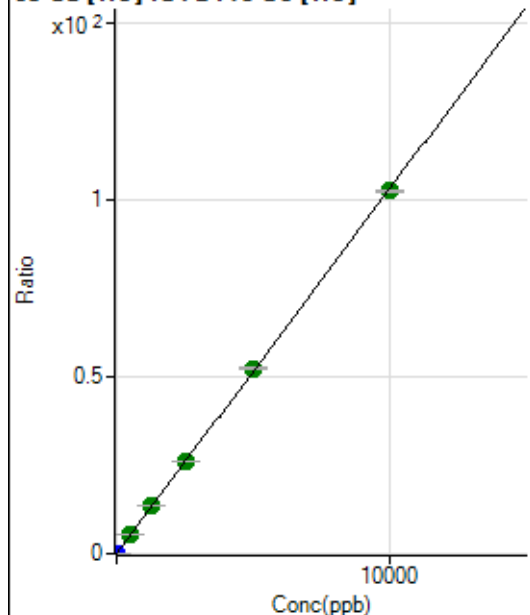
DL = 0.04499

BEC = 0.1414

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1830.13	0.0032	P	4.0
2	☐	2.000	2.024	13393.85	0.0241	P	2.7
3	☐	500.000	504.185	2926076.14	5.2069	A	1.1
4	☐	1250.000	1314.008	7410061.07	13.5652	A	0.7
5	☐	2500.000	2532.156	14006642.29	26.1378	A	0.6
6	☐	5000.000	5071.459	27688680.97	52.3462	A	0.9
7	☐	10000.000	9948.021	56468114.16	102.6777	A	0.8
8	☐			11116.42	0.0202	P	1.7

$$y = 0.0103 * x + 0.0032$$

R = 0.9999

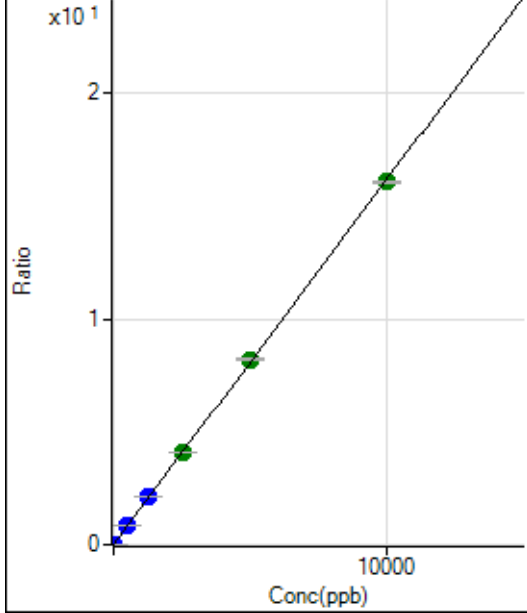
DL = 0.03691

BEC = 0.3098

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3550.76	0.0062	P	3.0
2	☐	2.000	3.509	6600.97	0.0119	P	5.1
3	☐	500.000	500.626	457983.21	0.8150	P	1.0
4	☐	1250.000	1307.700	1157416.26	2.1188	P	0.2
5	☐	2500.000	2539.547	2201885.26	4.1089	A	0.4
6	☐	5000.000	5077.652	4342273.74	8.2093	A	1.1
7	☐	10000.000	9944.043	8838334.27	16.0711	A	0.8
8	☐			7228.88	0.0131	P	0.4

$$y = 0.0016 * x + 0.0062$$

R = 0.9999

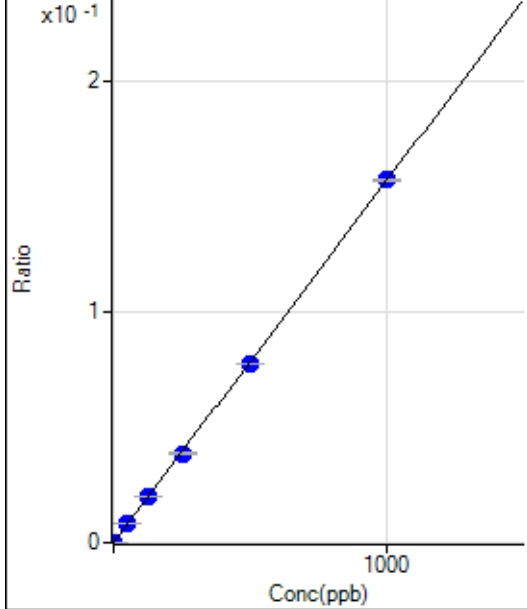
DL = 0.348

BEC = 3.84

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	1.023	647.80	0.0002	P	2.2
3	☐	50.000	50.782	32291.77	0.0080	P	0.4
4	☐	125.000	127.798	80479.78	0.0200	P	0.5
5	☐	250.000	246.937	155530.54	0.0387	P	1.2
6	☐	500.000	495.355	308753.23	0.0776	P	0.6
7	☐	1000.000	1002.699	639854.01	0.1571	P	0.9
8	☐			361.12	0.0001	P	10.6

$$y = 1.5665E-004 * x + 1.0705E-006$$

R = 1.0000

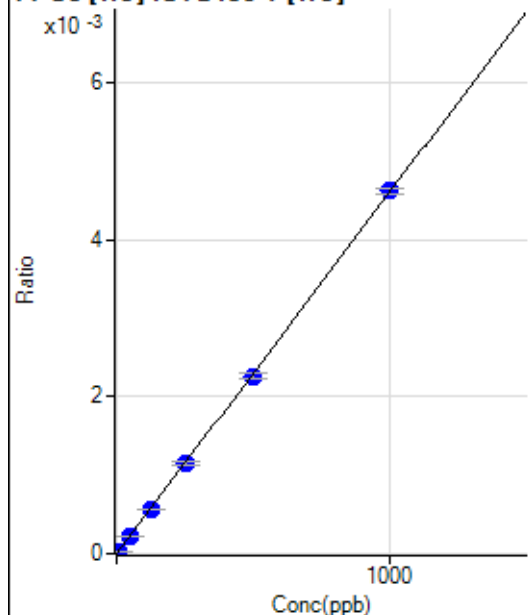
DL = 0.01776

BEC = 0.006834

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.291	97.78	0.0000	P	13.3
3	☐	50.000	47.962	895.59	0.0002	P	3.3
4	☐	125.000	123.039	2275.75	0.0006	P	2.5
5	☐	250.000	250.145	4627.43	0.0012	P	2.9
6	☐	500.000	491.539	8998.36	0.0023	P	3.1
7	☐	1000.000	1004.540	18828.71	0.0046	P	1.9
8	☐			3.33	0.0000	P	1.0

$$y = 4.6014\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

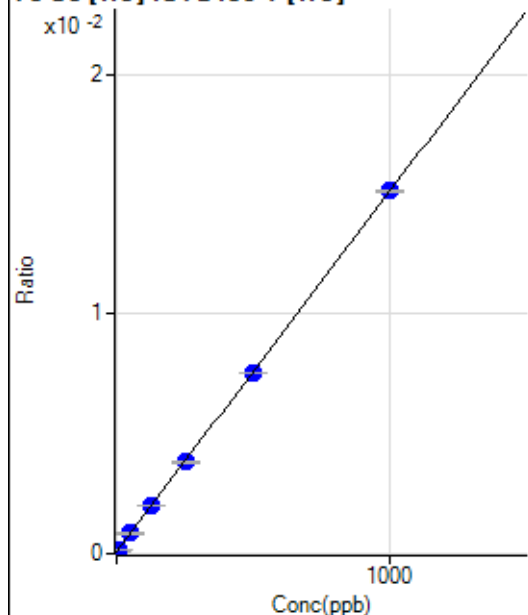
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372.23	0.0001	P	10.5
2	☐	5.000	5.353	682.24	0.0002	P	8.5
3	☐	50.000	50.585	3445.99	0.0008	P	3.8
4	☐	125.000	127.818	8076.71	0.0020	P	1.2
5	☐	250.000	248.222	15348.02	0.0038	P	3.0
6	☐	500.000	496.653	30036.04	0.0075	P	0.6
7	☐	1000.000	1001.735	61652.21	0.0151	P	0.8
8	☐			365.56	0.0001	P	6.2

$$y = 1.5019\text{E-}005 * x + 8.9459\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.872$$

$$BEC = 5.956$$

Weight: <None>

Min Conc: 0

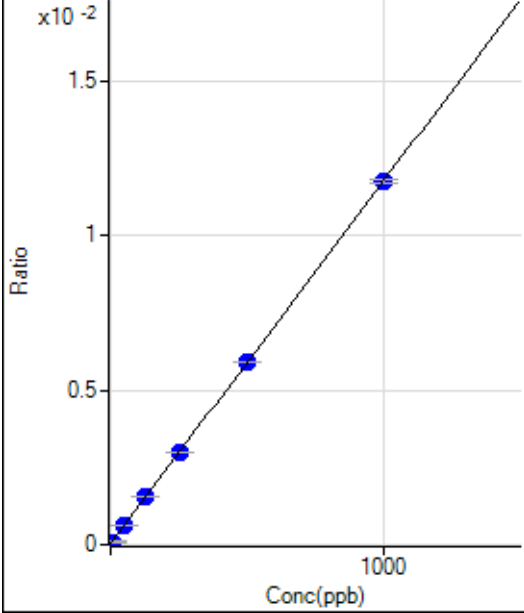
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10403.73		P	2.2
2	☐			10093.52		P	1.4
3	☐			9927.86		P	2.5
4	☐			9803.32		P	1.7
5	☐			9742.19		P	0.8
6	☐			9892.27		P	3.2
7	☐			10113.56		P	2.3
8	☐			10991.96		P	1.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	2.7
2	☐			105.56		P	7.3
3	☐			83.33		P	25.0
4	☐			92.22		P	9.1
5	☐			98.89		P	25.7
6	☐			85.56		P	9.8
7	☐			80.00		P	4.2
8	☐			142.23		P	23.6

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

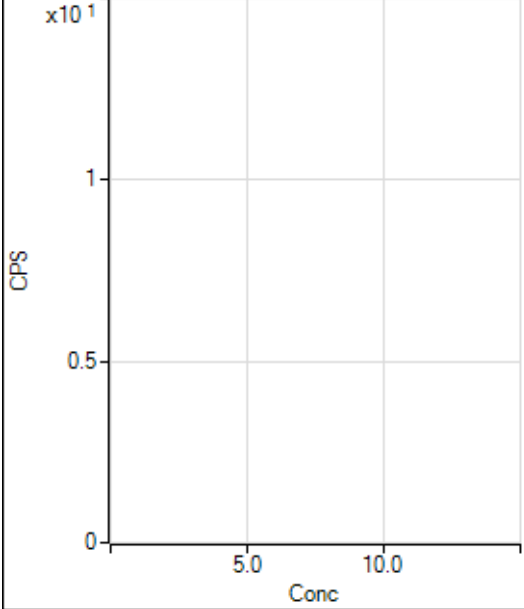


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.23	0.0000	P	8.9
2	☐	5.000	5.025	1447.14	0.0001	P	2.9
3	☐	50.000	50.575	10086.04	0.0006	P	0.9
4	☐	125.000	128.594	25074.39	0.0015	P	0.5
5	☐	250.000	252.982	48568.32	0.0030	P	1.0
6	☐	500.000	501.703	95275.77	0.0059	P	0.5
7	☐	1000.000	997.925	194431.78	0.0117	P	1.0
8	☐			711.81	0.0000	P	5.3

y = 1.1735E-005 * x + 3.3239E-005
R = 1.0000
DL = 0.7524
BEC = 2.833

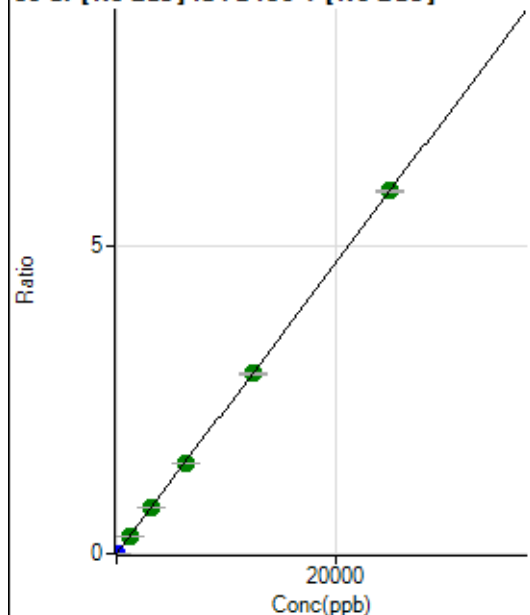
Weight: <None>
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			312.23		P	21.5
2	☐			290.01		P	4.0
3	☐			304.45		P	11.4
4	☐			293.34		P	13.1
5	☐			301.12		P	10.5
6	☐			270.01		P	13.1
7	☐			358.90		P	5.1
8	☐			346.67		P	12.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	502.24	0.0000	P	9.9
2	☐	1.000	1.029	4287.33	0.0003	P	1.0
3	☐	1250.000	1249.766	4750081.66	0.2952	A	0.5
4	☐	3125.000	3167.396	12160778.85	0.7480	A	0.3
5	☐	6250.000	6234.717	23823055.20	1.4724	A	0.7
6	☐	12500.000	12418.964	47195370.41	2.9328	A	0.6
7	☐	25000.000	25039.051	97898932.99	5.9130	A	0.8
8	☐			16171.19	0.0010	P	4.6

$$y = 2.3615E-004 * x + 3.0186E-005$$

R = 1.0000

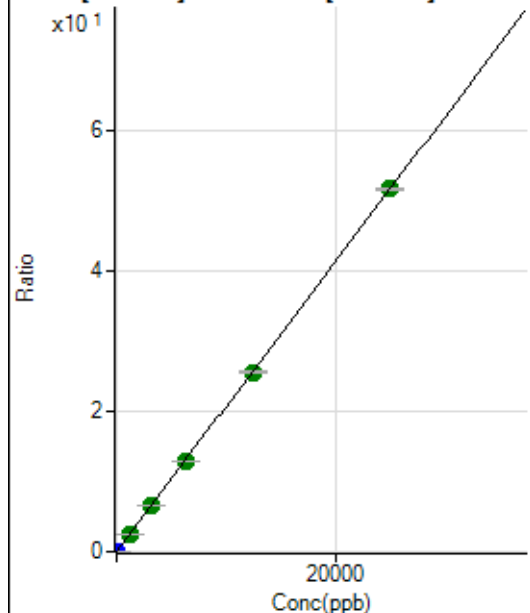
DL = 0.0379

BEC = 0.1278

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	752.25	0.0000	P	3.6
2	☐	1.000	1.004	33128.42	0.0021	P	0.4
3	☐	1250.000	1247.488	41314886.05	2.5673	A	0.6
4	☐	3125.000	3162.362	105806327.31	6.5080	A	0.3
5	☐	6250.000	6223.353	207222603.58	12.8073	A	0.5
6	☐	12500.000	12379.316	409976371.67	25.4759	A	1.1
7	☐	25000.000	25062.459	853932813.94	51.5770	A	0.8
8	☐			137127.18	0.0086	P	6.1

$$y = 0.0021 * x + 4.5204E-005$$

R = 1.0000

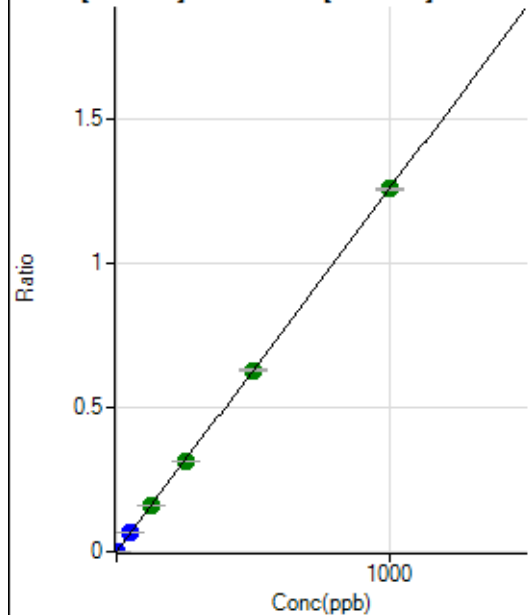
DL = 0.002402

BEC = 0.02197

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	613.35	0.0000	P	6.6
2	☐	1.000	1.010	20503.31	0.0013	P	2.7
3	☐	50.000	50.996	1032155.76	0.0641	P	1.6
4	☐	125.000	126.663	2588871.99	0.1592	A	0.5
5	☐	250.000	248.742	5059365.00	0.3127	A	1.1
6	☐	500.000	500.700	10128528.04	0.6294	A	0.9
7	☐	1000.000	999.707	20804900.39	1.2566	A	0.8
8	☐			12299.68	0.0008	P	3.8

$$y = 0.0013 * x + 3.6852E-005$$

$$R = 1.0000$$

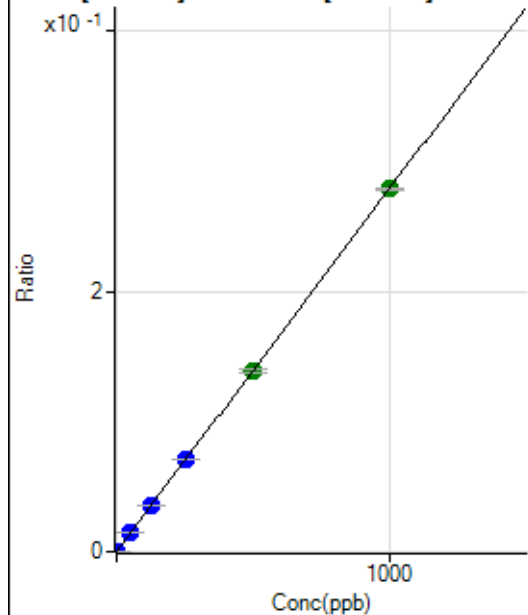
$$DL = 0.005772$$

$$BEC = 0.02932$$

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	150.00	0.0000	P	12.0
2	☐	1.000	1.032	4661.90	0.0003	P	1.6
3	☐	50.000	51.204	230094.32	0.0143	P	0.9
4	☐	125.000	128.300	582242.01	0.0358	P	0.6
5	☐	250.000	254.178	1147824.20	0.0709	P	1.0
6	☐	500.000	498.066	2236899.24	0.1390	A	1.6
7	☐	1000.000	999.450	4617562.47	0.2789	A	0.9
8	☐			2758.07	0.0002	P	1.4

$$y = 2.7906E-004 * x + 9.0108E-006$$

$$R = 1.0000$$

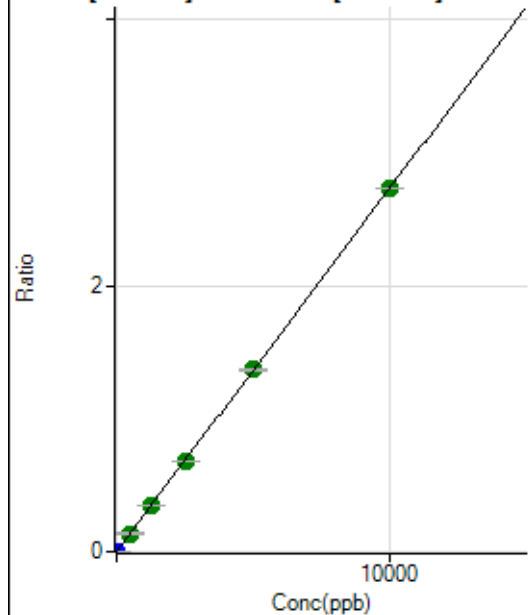
$$DL = 0.01167$$

$$BEC = 0.03229$$

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	261.11	0.0000	P	12.1
2	☐	5.000	5.352	23149.51	0.0015	P	1.0
3	☐	500.000	502.705	2206114.03	0.1371	A	0.8
4	☐	1250.000	1261.816	5593951.79	0.3441	A	0.8
5	☐	2500.000	2503.861	11046962.06	0.6827	A	0.7
6	☐	5000.000	5011.069	21988346.34	1.3664	A	0.9
7	☐	10000.000	9991.888	45106215.44	2.7245	A	0.2
8	☐			10432.70	0.0007	P	4.9

$$y = 2.7267\text{E-}004 * x + 1.5690\text{E-}005$$

$$R = 1.0000$$

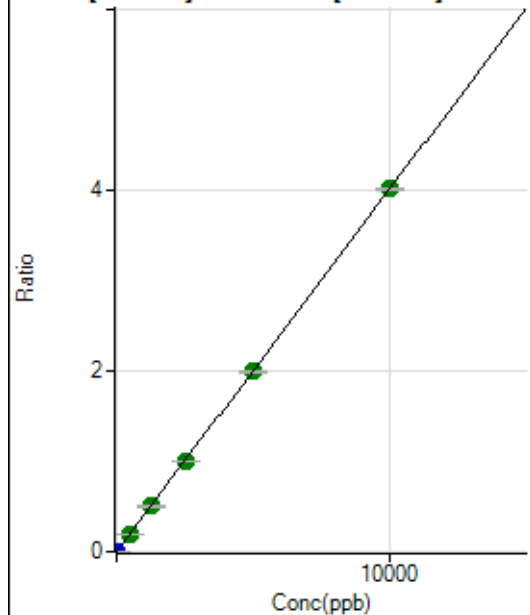
$$DL = 0.02096$$

$$BEC = 0.05754$$

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	97.78	0.0000	P	22.7
2	☐	5.000	4.507	28469.97	0.0018	P	0.8
3	☐	500.000	499.843	3227529.68	0.2006	A	0.6
4	☐	1250.000	1252.894	8173403.35	0.5027	A	1.0
5	☐	2500.000	2492.684	16181628.37	1.0001	A	0.5
6	☐	5000.000	4978.208	32143013.41	1.9974	A	1.0
7	☐	10000.000	10012.371	66507276.23	4.0172	A	0.7
8	☐			9429.78	0.0006	P	5.3

$$y = 4.0122\text{E-}004 * x + 5.8708\text{E-}006$$

$$R = 1.0000$$

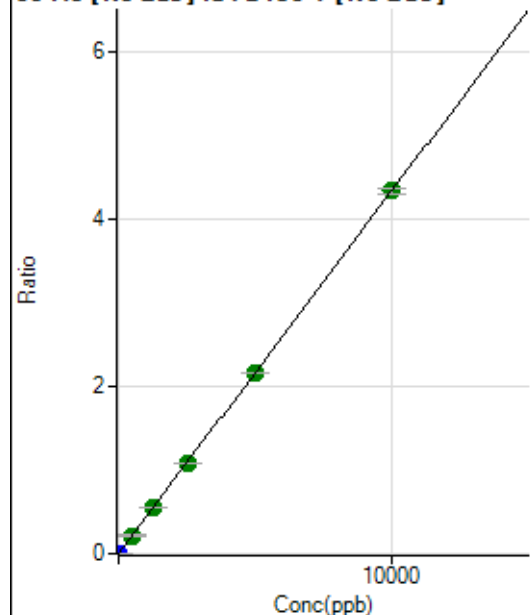
$$DL = 0.009968$$

$$BEC = 0.01463$$

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	171.11	0.0000	P	5.1
2	☐	5.000	4.559	31192.19	0.0020	P	1.1
3	☐	500.000	501.076	3497353.39	0.2174	A	1.3
4	☐	1250.000	1257.645	8868661.74	0.5455	A	1.1
5	☐	2500.000	2496.475	17520482.52	1.0829	A	1.1
6	☐	5000.000	4979.364	34756548.93	2.1598	A	0.7
7	☐	10000.000	10010.190	71882209.48	4.3419	A	1.6
8	☐			21002.95	0.0013	P	3.5

$$y = 4.3375\text{E-}004 * x + 1.0282\text{E-}005$$

$$R = 1.0000$$

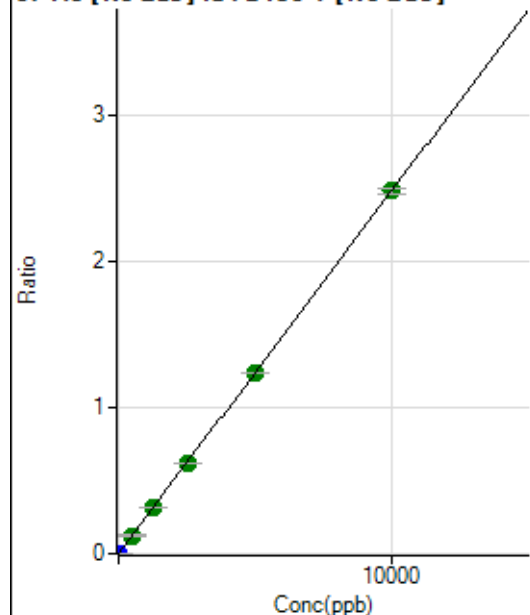
$$DL = 0.003619$$

$$BEC = 0.0237$$

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	73.33	0.0000	P	16.7
2	☐	5.000	4.439	17363.76	0.0011	P	1.5
3	☐	500.000	502.590	2007916.34	0.1248	A	1.2
4	☐	1250.000	1257.695	5075881.42	0.3122	A	1.0
5	☐	2500.000	2499.283	10038427.00	0.6204	A	1.0
6	☐	5000.000	4986.870	19921585.40	1.2380	A	0.6
7	☐	10000.000	10005.653	41120473.27	2.4838	A	1.4
8	☐			5906.79	0.0004	P	6.8

$$y = 2.4824\text{E-}004 * x + 4.4079\text{E-}006$$

$$R = 1.0000$$

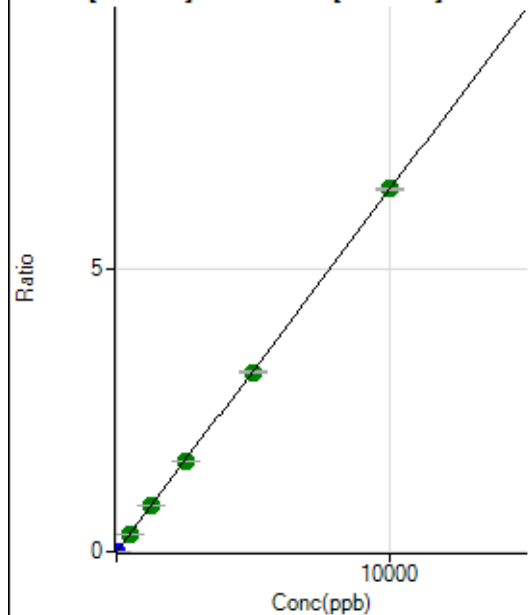
$$DL = 0.008882$$

$$BEC = 0.01776$$

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	153.34	0.0000	P	1.7
2	☐	5.000	4.419	44539.90	0.0028	P	0.9
3	☐	500.000	490.955	5058675.48	0.3143	A	1.6
4	☐	1250.000	1259.241	13105852.03	0.8062	A	0.8
5	☐	2500.000	2491.214	25803801.01	1.5948	A	0.5
6	☐	5000.000	4963.156	51131112.01	3.1773	A	0.7
7	☐	10000.000	10019.916	106197861.75	6.4146	A	0.8
8	☐			14492.87	0.0009	P	6.1

$$y = 6.4018\text{E-}004 * x + 9.2126\text{E-}006$$

$$R = 1.0000$$

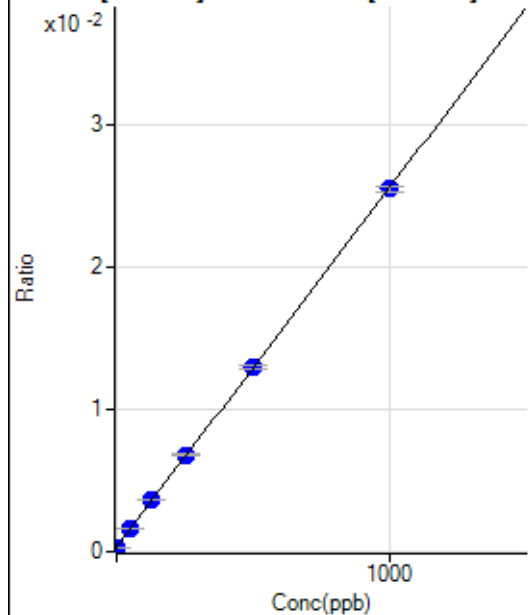
$$DL = 0.0007176$$

$$BEC = 0.01439$$

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	3441.55	0.0003	P	2.1
2	☐	1.000	0.609	3444.89	0.0003	P	1.6
3	☐	50.000	52.788	17879.99	0.0016	P	1.3
4	☐	125.000	134.266	41251.73	0.0037	P	0.5
5	☐	250.000	257.016	77628.29	0.0068	P	0.7
6	☐	500.000	501.086	150964.19	0.0129	P	1.1
7	☐	1000.000	996.405	302568.81	0.0254	P	1.7
8	☐			3252.61	0.0003	P	3.3

$$y = 2.5220\text{E-}005 * x + 3.0877\text{E-}004$$

$$R = 0.9999$$

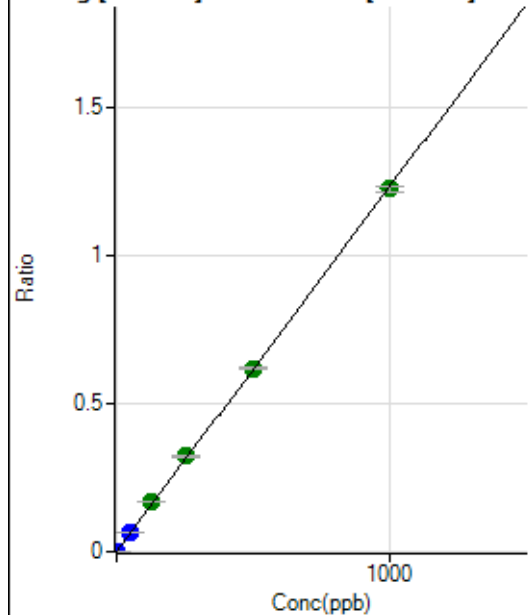
$$DL = 0.7783$$

$$BEC = 12.24$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.44	0.0000	P	32.7
2	☐	1.000	0.995	13088.21	0.0012	P	1.1
3	☐	50.000	53.827	722357.44	0.0663	P	0.4
4	☐	125.000	135.812	1865965.06	0.1672	A	1.7
5	☐	250.000	261.161	3674209.08	0.3214	A	0.6
6	☐	500.000	502.517	7211870.38	0.6185	A	1.1
7	☐	1000.000	994.408	14557696.59	1.2239	A	1.9
8	☐			2007.94	0.0002	P	12.4

$$y = 0.0012 * x + 6.6907E-006$$

$$R = 0.9999$$

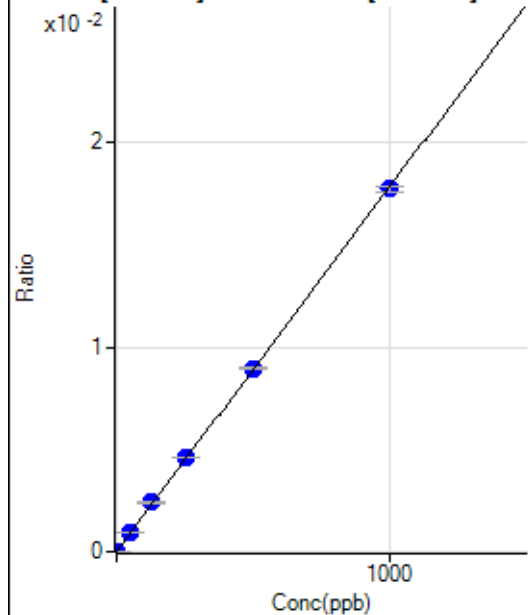
$$DL = 0.005333$$

$$BEC = 0.005436$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.34	0.0000	P	43.1
2	☐	1.000	1.064	214.45	0.0000	P	3.2
3	☐	50.000	53.946	10503.88	0.0010	P	1.5
4	☐	125.000	135.345	26968.46	0.0024	P	2.3
5	☐	250.000	258.178	52660.71	0.0046	P	1.0
6	☐	500.000	503.032	104658.53	0.0090	P	1.0
7	☐	1000.000	994.949	211133.33	0.0178	P	1.7
8	☐			81.11	0.0000	P	16.4

$$y = 1.7840E-005 * x + 1.1958E-006$$

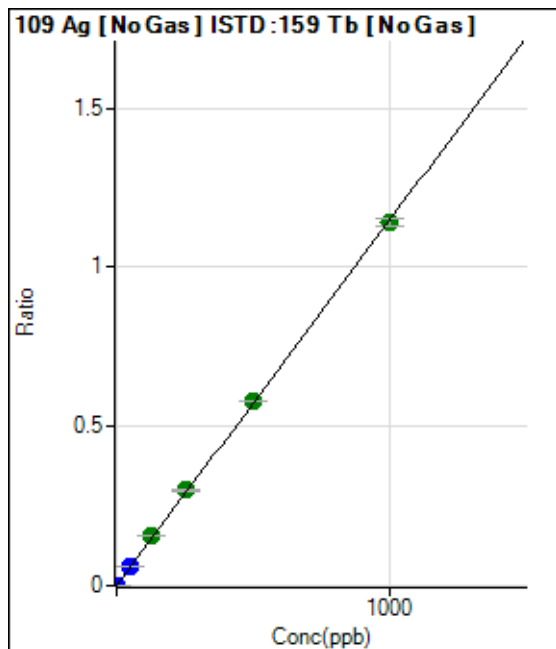
$$R = 0.9999$$

$$DL = 0.0867$$

$$BEC = 0.06703$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0000	P	22.6
2	☐	1.000	0.994	12148.54	0.0011	P	1.0
3	☐	50.000	54.254	678720.86	0.0622	P	0.3
4	☐	125.000	135.664	1737481.00	0.1557	A	1.4
5	☐	250.000	261.242	3426450.71	0.2997	A	1.1
6	☐	500.000	505.229	6758912.05	0.5797	A	0.8
7	☐	1000.000	993.030	13551482.16	1.1393	A	2.1
8	☐			1733.45	0.0002	P	13.2

$$y = 0.0011 * x + 2.5875E-006$$

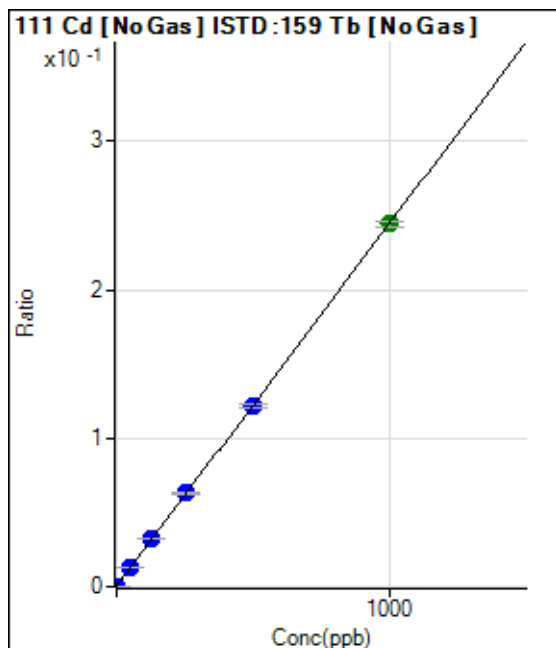
$$R = 0.9999$$

$$DL = 0.001528$$

$$BEC = 0.002255$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2405.31	0.0002	P	2.3
2	☐	1.000	1.018	4942.69	0.0005	P	2.9
3	☐	50.000	53.229	144274.75	0.0132	P	0.8
4	☐	125.000	132.444	363974.50	0.0326	P	1.2
5	☐	250.000	256.550	719653.35	0.0630	P	0.4
6	☐	500.000	497.176	1420211.63	0.1218	P	1.3
7	☐	1000.000	998.682	2907487.92	0.2444	A	1.3
8	☐			2598.95	0.0002	P	2.3

$$y = 2.4455E-004 * x + 2.1580E-004$$

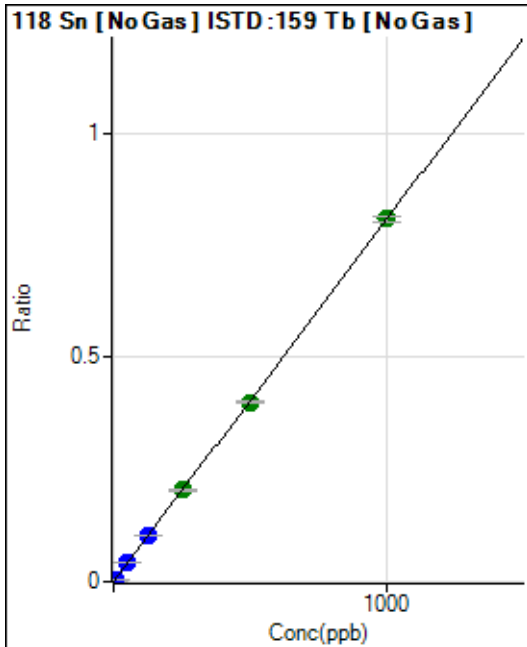
$$R = 1.0000$$

$$DL = 0.0596$$

$$BEC = 0.8824$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3275.96	0.0003	P	2.4
2	☐	5.000	4.902	45178.57	0.0042	P	0.8
3	☐	50.000	51.200	453760.67	0.0416	P	1.1
4	☐	125.000	128.623	1162076.52	0.1041	P	1.3
5	☐	250.000	252.432	2332088.96	0.2040	A	0.8
6	☐	500.000	494.474	4656622.50	0.3993	A	0.8
7	☐	1000.000	1001.643	9618095.76	0.8086	A	1.3
8	☐			5847.92	0.0005	P	4.6

$y = 8.0701E-004 * x + 2.9391E-004$

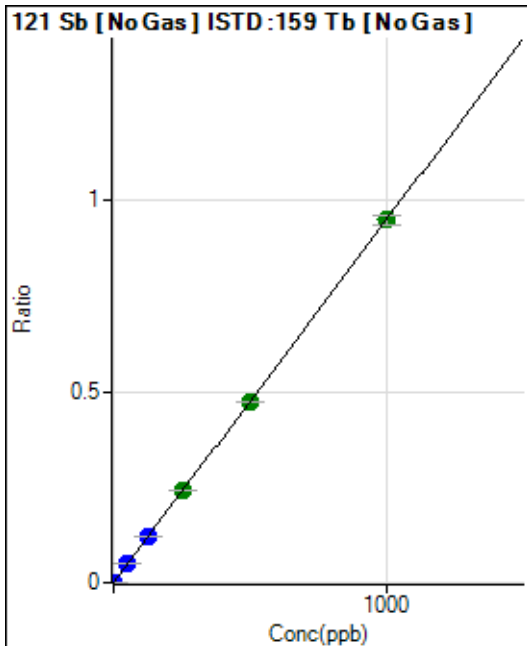
$R = 1.0000$

$DL = 0.02603$

$BEC = 0.3642$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.67	0.0000	P	22.8
2	☐	2.000	1.996	20214.25	0.0019	P	1.3
3	☐	50.000	50.937	526980.85	0.0483	P	0.2
4	☐	125.000	128.295	1358830.76	0.1217	P	0.9
5	☐	250.000	253.599	2750148.46	0.2406	A	0.9
6	☐	500.000	498.108	5510461.31	0.4726	A	0.6
7	☐	1000.000	999.587	11279705.39	0.9483	A	2.7
8	☐			8021.19	0.0007	P	2.6

$y = 9.4873E-004 * x + 7.7938E-006$

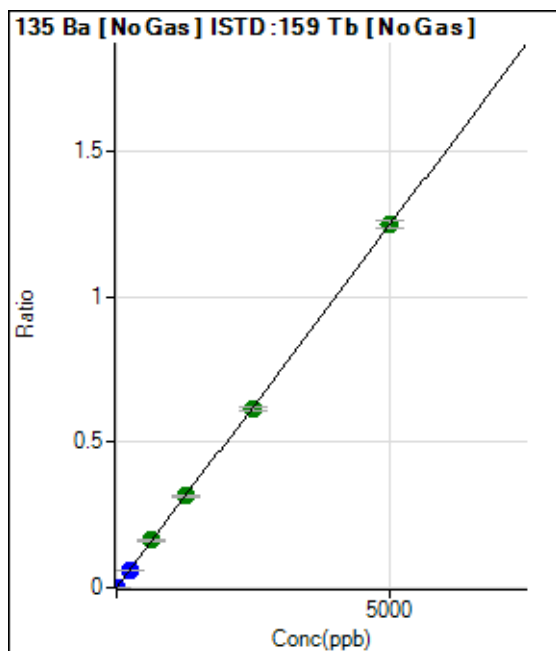
$R = 1.0000$

$DL = 0.005618$

$BEC = 0.008215$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.56	0.0000	P	13.9
2	☐	10.000	9.346	24876.22	0.0023	P	1.7
3	☐	250.000	246.086	668126.32	0.0613	P	0.8
4	☐	625.000	652.015	1812299.35	0.1624	A	2.2
5	☐	1250.000	1264.696	3599311.40	0.3149	A	0.9
6	☐	2500.000	2473.229	7180234.61	0.6158	A	1.7
7	☐	5000.000	5006.532	14826339.36	1.2465	A	2.2
8	☐			5969.09	0.0005	P	5.8

$$y = 2.4898E-004 * x + 1.3950E-005$$

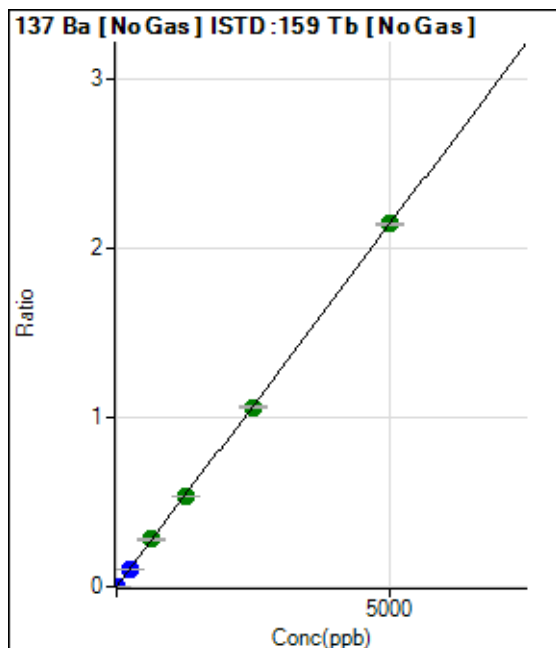
$$R = 1.0000$$

$$DL = 0.02341$$

$$BEC = 0.05603$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.90	0.0000	P	8.4
2	☐	10.000	9.357	42795.32	0.0040	P	1.9
3	☐	250.000	248.104	1157619.84	0.1062	P	0.1
4	☐	625.000	654.021	3124007.87	0.2798	A	1.9
5	☐	1250.000	1255.792	6142022.90	0.5373	A	0.3
6	☐	2500.000	2476.699	12356756.76	1.0597	A	1.2
7	☐	5000.000	5006.671	25479072.12	2.1421	A	0.7
8	☐			10385.00	0.0009	P	1.3

$$y = 4.2785E-004 * x + 2.3224E-005$$

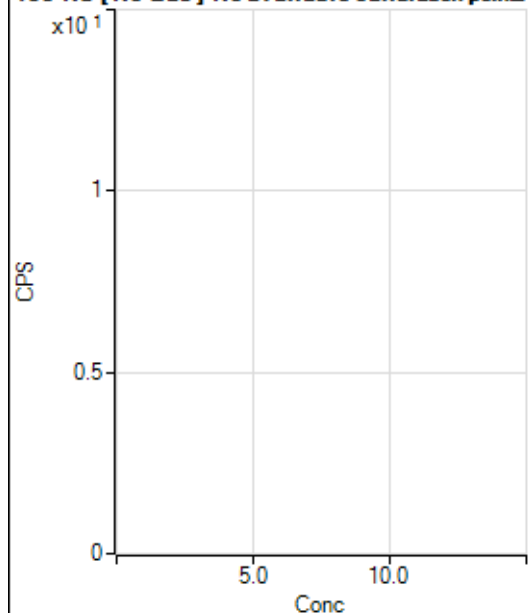
$$R = 1.0000$$

$$DL = 0.01363$$

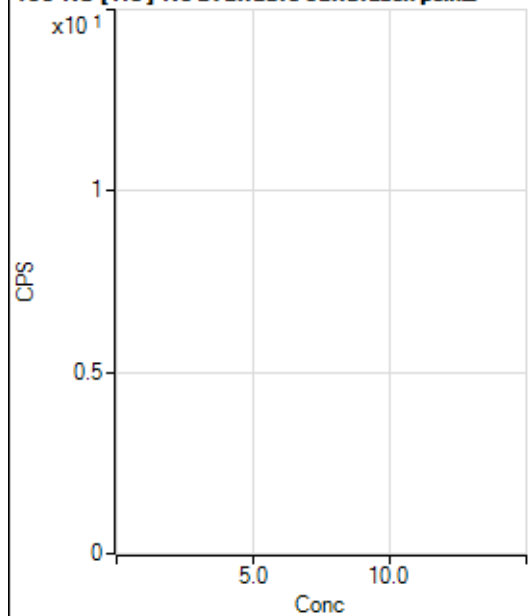
$$BEC = 0.05428$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	33.3
2	☐			11.11		P	17.3
3	☐			44.44		P	48.2
4	☐			84.44		P	33.6
5	☐			152.23		P	30.4
6	☐			338.90		P	5.9
7	☐			691.14		P	1.6
8	☐			223.34		P	6.0

150 Nd [He] No available calibration points

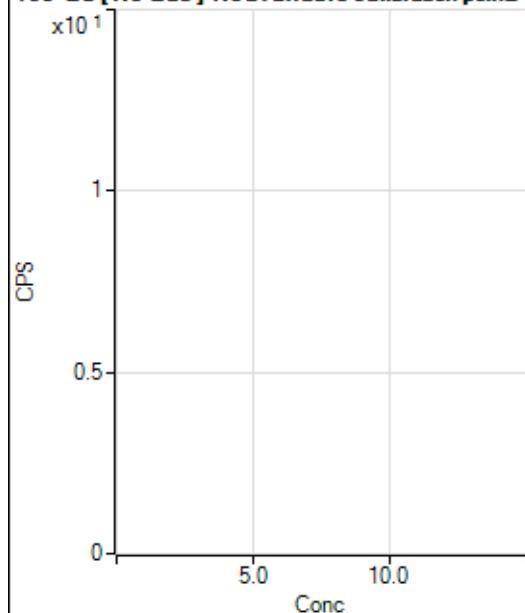
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			6.66		P	86.6
3	☐			10.00		P	33.3
4	☐			25.56		P	32.8
5	☐			56.67		P	17.6
6	☐			77.78		P	5.0
7	☐			158.89		P	11.9
8	☐			130.01		P	4.4

156 Dy [No Gas] No available calibration points

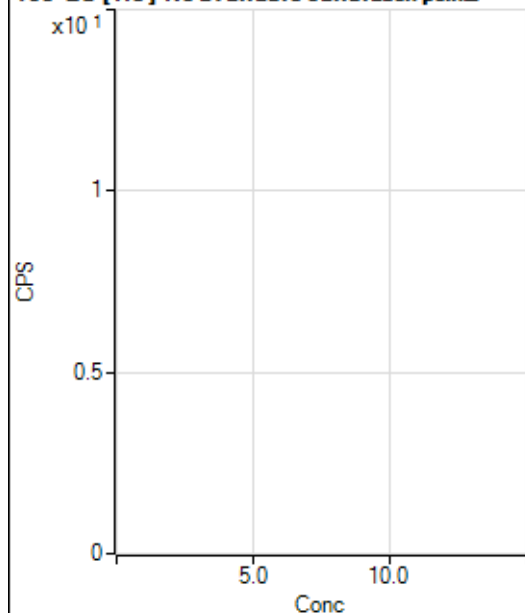
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			877.82		P	8.4
2	☐			806.70		P	5.6
3	☐			848.92		P	2.0
4	☐			894.49		P	11.7
5	☐			990.04		P	10.7
6	☐			1047.83		P	1.9
7	☐			1146.73		P	5.6
8	☐			1217.84		P	5.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.89		P	17.0
2	☐			153.34		P	17.0
3	☐			221.12		P	21.9
4	☐			254.45		P	4.2
5	☐			306.67		P	15.7
6	☐			522.24		P	9.1
7	☐			834.48		P	5.6
8	☐			480.01		P	15.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	20.4
2	☐			47.78		P	34.4
3	☐			51.11		P	21.0
4	☐			65.55		P	16.3
5	☐			93.33		P	16.4
6	☐			117.78		P	8.6
7	☐			150.00		P	18.2
8	☐			382.23		P	7.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			296.68		P	13.0
2	☐			264.45		P	11.7
3	☐			256.67		P	9.1
4	☐			293.34		P	10.1
5	☐			290.01		P	9.4
6	☐			348.90		P	6.4
7	☐			343.34		P	11.9
8	☐			528.91		P	2.4

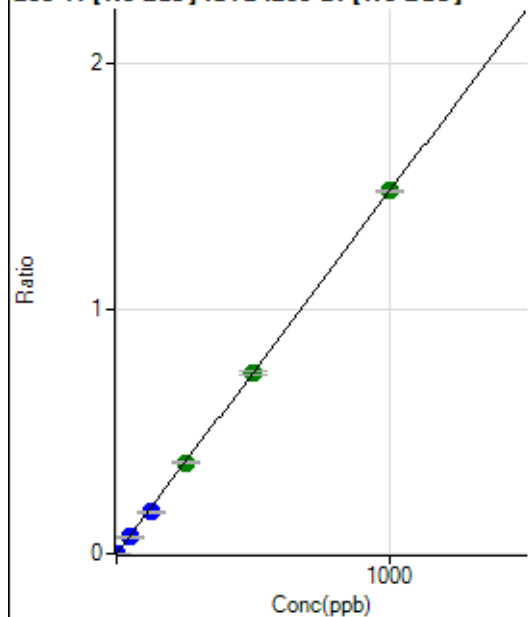
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			82.22		P	28.8
2	☐			80.00		P	15.0
3	☐			83.33		P	16.0
4	☐			102.23		P	9.4
5	☐			111.11		P	13.5
6	☐			154.45		P	11.1
7	☐			224.45		P	16.3
8	☐			426.67		P	3.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	25.8
2	☐			54.44		P	3.5
3	☐			42.22		P	4.6
4	☐			76.67		P	28.5
5	☐			81.11		P	31.9
6	☐			100.00		P	21.9
7	☐			182.23		P	27.8
8	☐			343.34		P	7.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	12.4
2	☐	1.000	0.857	7932.37	0.0013	P	0.6
3	☐	50.000	45.136	421563.73	0.0669	P	2.1
4	☐	125.000	114.348	1107906.31	0.1694	P	1.9
5	☐	250.000	251.956	2514817.62	0.3732	A	0.6
6	☐	500.000	500.401	5041199.68	0.7412	A	1.8
7	☐	1000.000	1000.885	10246685.68	1.4825	A	0.6
8	☐			1170.07	0.0002	P	15.8

$$y = 0.0015 * x + 1.4119E-005$$

$$R = 0.9999$$

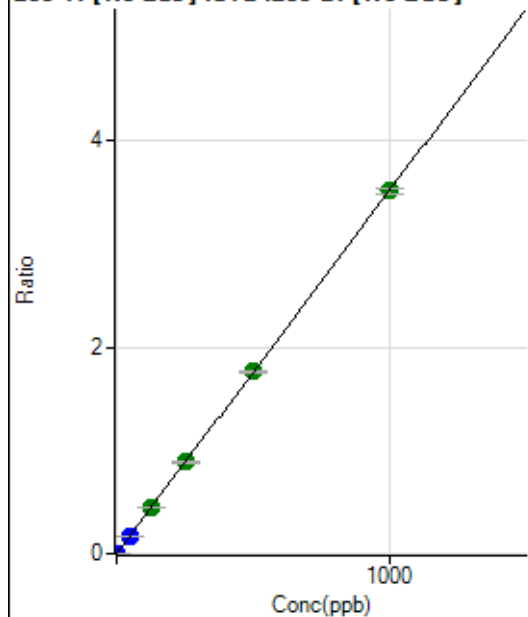
$$DL = 0.003554$$

$$BEC = 0.009532$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.78	0.0000	P	6.2
2	☐	1.000	0.867	19022.28	0.0031	P	2.2
3	☐	50.000	45.506	1008548.90	0.1600	P	1.7
4	☐	125.000	126.187	2901911.21	0.4436	A	2.1
5	☐	250.000	251.950	5968926.86	0.8856	A	1.2
6	☐	500.000	500.852	11972764.82	1.7605	A	1.3
7	☐	1000.000	999.163	24273293.53	3.5120	A	1.3
8	☐			2786.99	0.0005	P	12.0

$$y = 0.0035 * x + 3.2179E-005$$

$$R = 1.0000$$

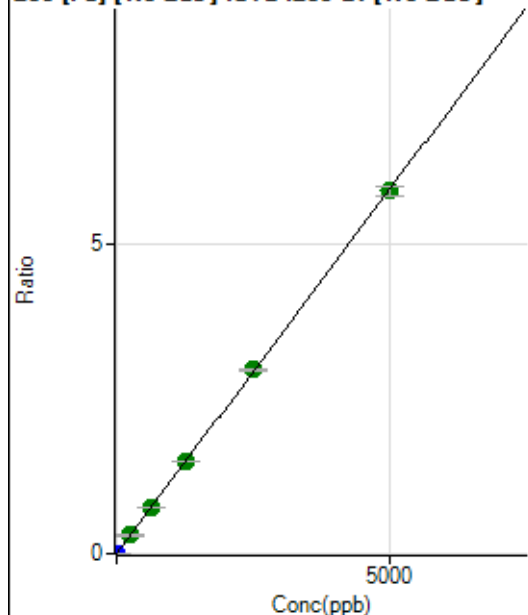
$$DL = 0.001714$$

$$BEC = 0.009155$$

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	294.45	0.0000	P	13.2
2	☐	1.000	0.879	6667.26	0.0011	P	1.3
3	☐	250.000	254.066	1883619.14	0.2988	A	2.7
4	☐	625.000	639.698	4921065.34	0.7522	A	2.2
5	☐	1250.000	1267.373	10043222.07	1.4902	A	1.4
6	☐	2500.000	2522.145	20167744.42	2.9656	A	1.8
7	☐	5000.000	4982.544	40492914.12	5.8586	A	2.6
8	☐			6857.35	0.0012	P	2.0

$$y = 0.0012 * x + 4.5576E-005$$

$$R = 1.0000$$

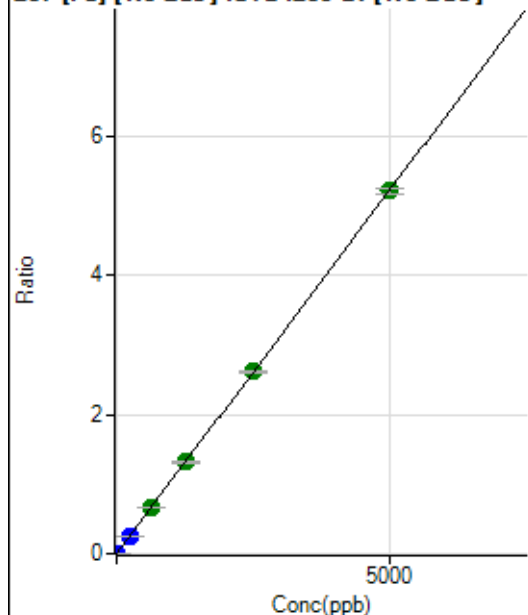
$$DL = 0.01534$$

$$BEC = 0.03876$$

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	232.23	0.0000	P	6.3
2	☐	1.000	0.857	5742.38	0.0009	P	5.3
3	☐	250.000	227.108	1493729.09	0.2369	P	1.8
4	☐	625.000	631.602	4310256.57	0.6589	A	1.7
5	☐	1250.000	1259.959	8858370.08	1.3143	A	1.8
6	☐	2500.000	2507.010	17785972.65	2.6152	A	1.1
7	☐	5000.000	4994.325	36007222.24	5.2098	A	1.7
8	☐			5875.78	0.0010	P	5.1

$$y = 0.0010 * x + 3.5947E-005$$

$$R = 1.0000$$

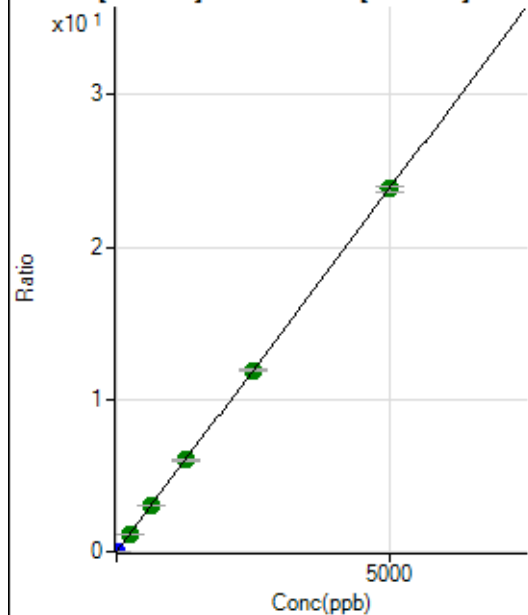
$$DL = 0.00654$$

$$BEC = 0.03446$$

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	1157.81	0.0002	P	1.4
2	☐	1.000	0.861	26478.13	0.0043	P	4.0
3	☐	250.000	243.411	7320230.47	1.1612	A	1.4
4	☐	625.000	629.461	19643436.75	3.0025	A	1.4
5	☐	1250.000	1258.477	40452271.82	6.0027	A	1.7
6	☐	2500.000	2502.559	81182588.09	11.9365	A	1.4
7	☐	5000.000	4996.373	164714199.49	23.8311	A	1.4
8	☐			26887.31	0.0045	P	4.3

$$y = 0.0048 * x + 1.7922E-004$$

$$R = 1.0000$$

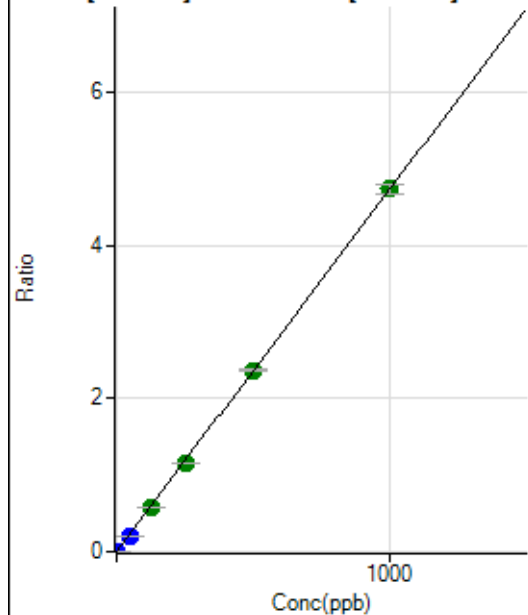
$$DL = 0.001629$$

$$BEC = 0.03758$$

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	33.33	0.0000	P	60.8
2	☐	1.000	0.811	23694.53	0.0038	P	1.8
3	☐	50.000	43.110	1284275.26	0.2037	P	2.2
4	☐	125.000	123.626	3821938.59	0.5842	A	1.1
5	☐	250.000	242.944	7735542.87	1.1480	A	0.7
6	☐	500.000	500.610	16088431.56	2.3655	A	1.1
7	☐	1000.000	1001.976	32721772.57	4.7346	A	2.7
8	☐			1572.33	0.0003	P	12.1

$$y = 0.0047 * x + 5.1860E-006$$

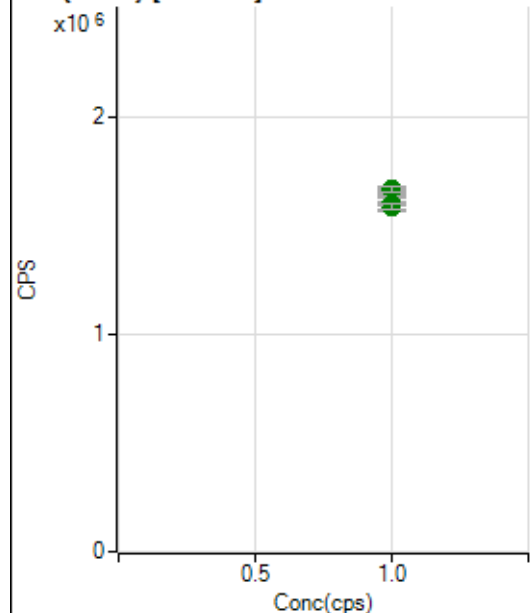
$$R = 1.0000$$

$$DL = 0.002002$$

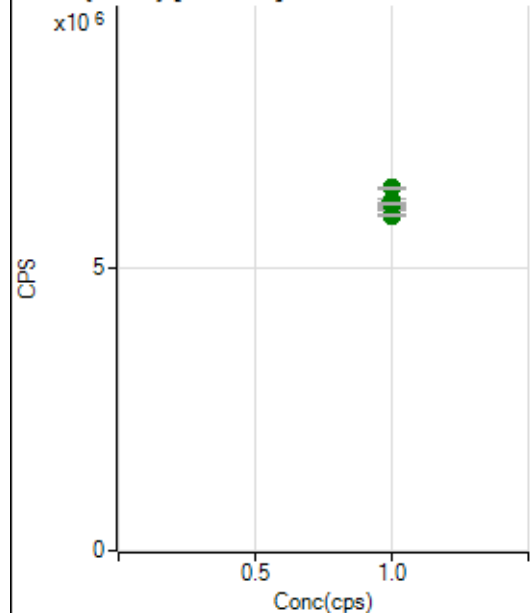
$$BEC = 0.001097$$

Weight: <None>

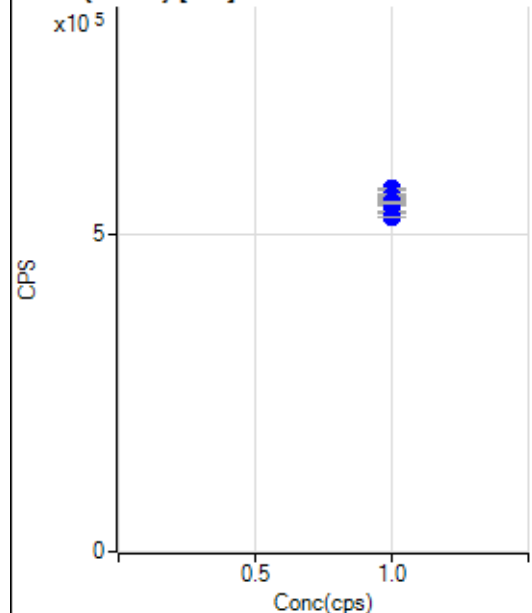
Min Conc: 0

6 Li (ISTD) [No Gas]

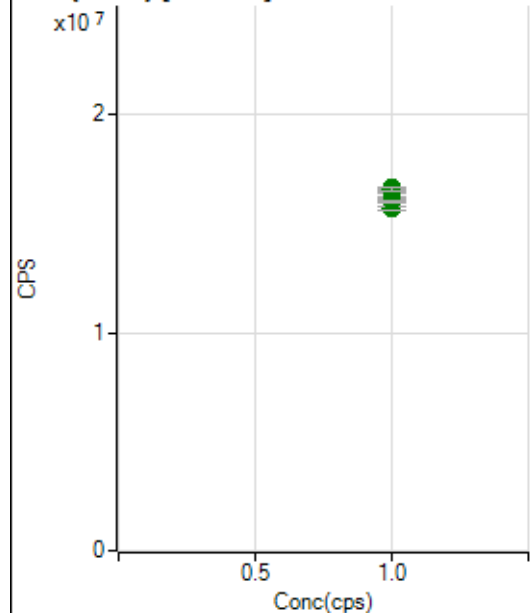
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1638663.41		A	2.9
2	☐	1.000		1588814.75		A	2.2
3	☐	1.000		1608903.52		A	2.5
4	☐	1.000		1635963.47		A	0.6
5	☐	1.000		1661534.23		A	1.4
6	☐	1.000		1658805.76		A	2.1
7	☐	1.000		1670269.70		A	1.4
8	☐	1.000		1585850.53		A	1.7

45 Sc (ISTD) [No Gas]

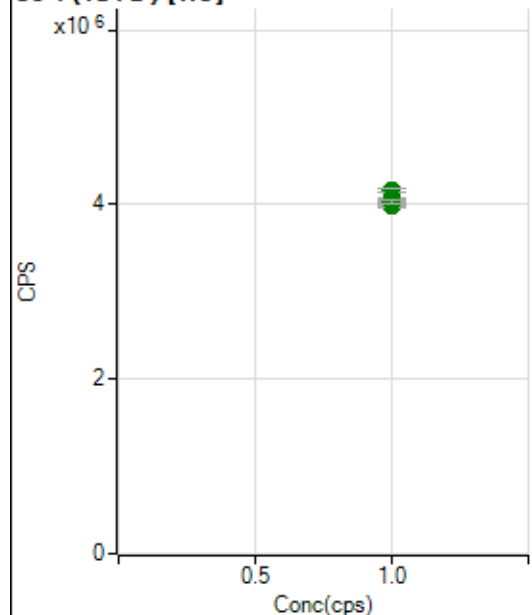
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6417613.10		A	0.7
2	☐	1.000		6098682.55		A	1.8
3	☐	1.000		6192707.20		A	1.4
4	☐	1.000		6132661.85		A	0.9
5	☐	1.000		6034563.80		A	0.5
6	☐	1.000		5934667.41		A	0.8
7	☐	1.000		6141724.15		A	0.3
8	☐	1.000		6138556.99		A	0.1

45 Sc (ISTD) [He]

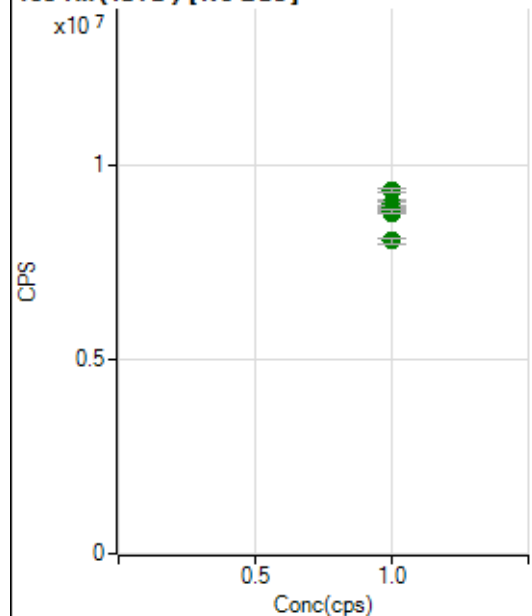
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		572398.92		P	0.2
2	☐	1.000		556047.20		P	0.5
3	☐	1.000		561981.52		P	0.6
4	☐	1.000		546253.21		P	0.1
5	☐	1.000		535887.29		P	0.6
6	☐	1.000		528949.60		P	0.1
7	☐	1.000		549979.41		P	0.9
8	☐	1.000		550710.77		P	0.3

89 Y (ISTD) [No Gas]

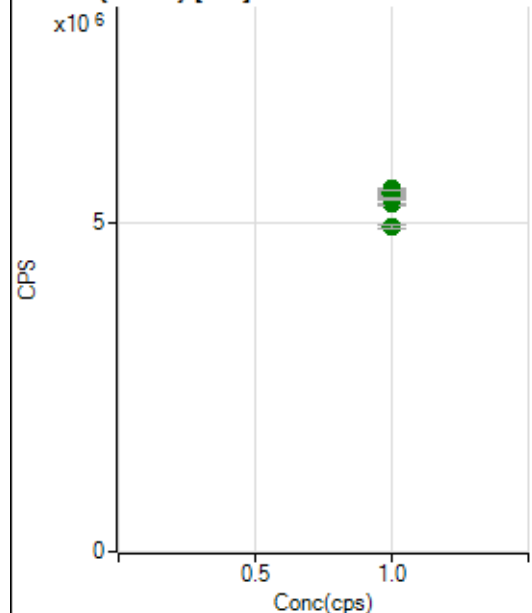
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16643255.03		A	0.5
2	☐	1.000		15693109.07		A	1.2
3	☐	1.000		16092464.62		A	1.2
4	☐	1.000		16257745.17		A	1.3
5	☐	1.000		16179598.79		A	0.9
6	☐	1.000		16092084.34		A	0.6
7	☐	1.000		16555756.56		A	1.0
8	☐	1.000		16031701.84		A	0.6

89 Y (ISTD) [He]

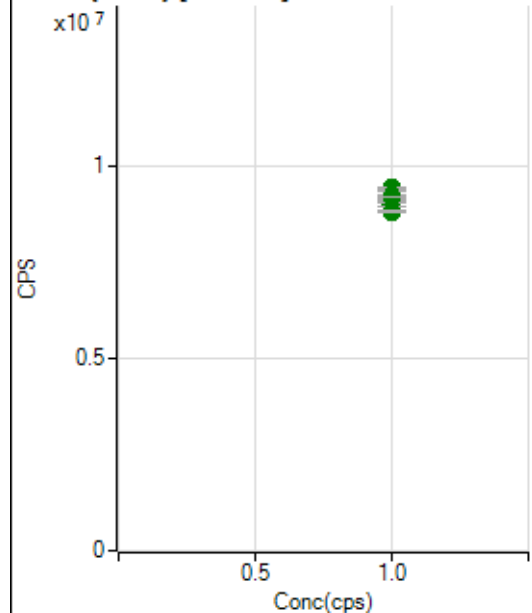
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4157466.33		A	1.2
2	☐	1.000		4014867.37		A	0.7
3	☐	1.000		4058801.26		A	0.9
4	☐	1.000		4019823.21		A	0.2
5	☐	1.000		4020736.09		A	0.6
6	☐	1.000		3978959.49		A	0.7
7	☐	1.000		4073646.99		A	0.4
8	☐	1.000		4027881.78		A	1.0

103 Rh (ISTD) [No Gas]

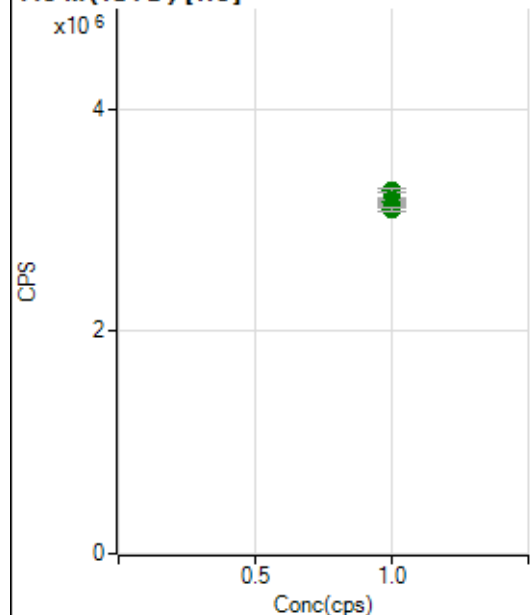
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9326758.20		A	1.0
2	☐	1.000		8767908.97		A	0.6
3	☐	1.000		8989935.07		A	2.4
4	☐	1.000		8996836.12		A	1.6
5	☐	1.000		8917023.82		A	1.1
6	☐	1.000		8799279.31		A	0.4
7	☐	1.000		8792062.51		A	0.8
8	☐	1.000		8046265.51		A	1.7

103 Rh (ISTD) [He]

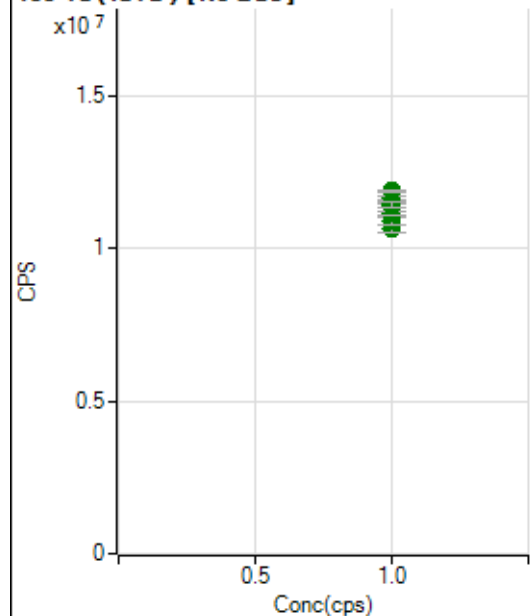
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5518510.68		A	0.4
2	☐	1.000		5419299.57		A	0.6
3	☐	1.000		5444090.68		A	1.4
4	☐	1.000		5456986.17		A	1.6
5	☐	1.000		5367114.82		A	0.4
6	☐	1.000		5290531.00		A	0.5
7	☐	1.000		5358137.63		A	0.5
8	☐	1.000		4944783.33		A	0.8

115 In (ISTD) [No Gas]

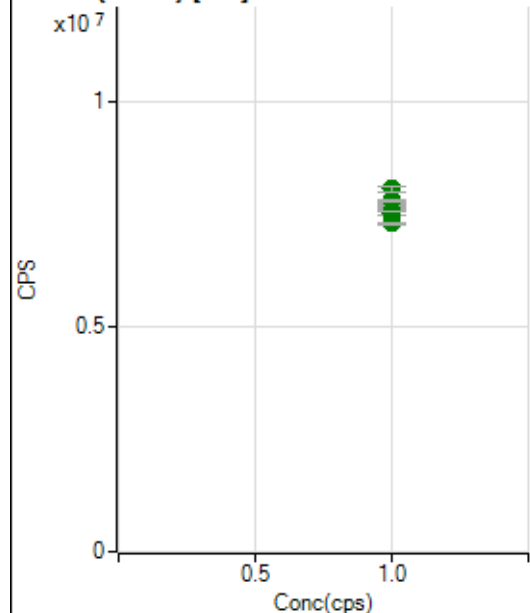
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9455406.44		A	0.6
2	☐	1.000		8973275.84		A	2.1
3	☐	1.000		9114714.72		A	1.0
4	☐	1.000		9277657.64		A	1.8
5	☐	1.000		9208511.28		A	1.4
6	☐	1.000		9038678.78		A	1.2
7	☐	1.000		9235327.40		A	0.2
8	☐	1.000		8826377.50		A	0.5

115 In (ISTD) [He]

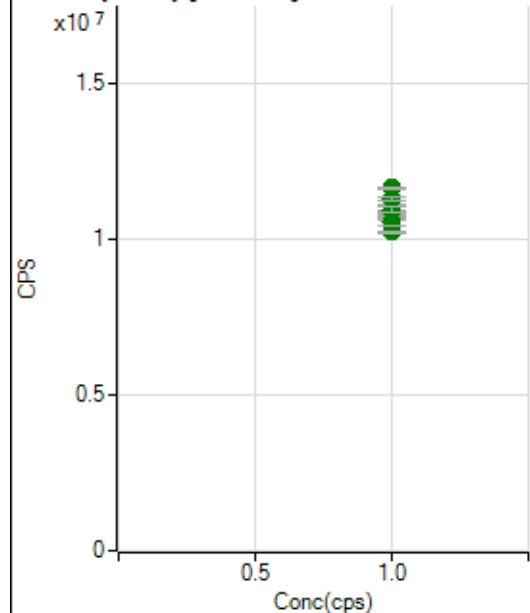
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3263982.39		A	1.1
2	☐	1.000		3148245.39		A	0.6
3	☐	1.000		3171091.39		A	1.3
4	☐	1.000		3176592.64		A	0.9
5	☐	1.000		3172661.02		A	1.2
6	☐	1.000		3126506.48		A	0.4
7	☐	1.000		3134515.83		A	0.3
8	☐	1.000		3097369.52		A	1.1

159 Tb (ISTD) [No Gas]

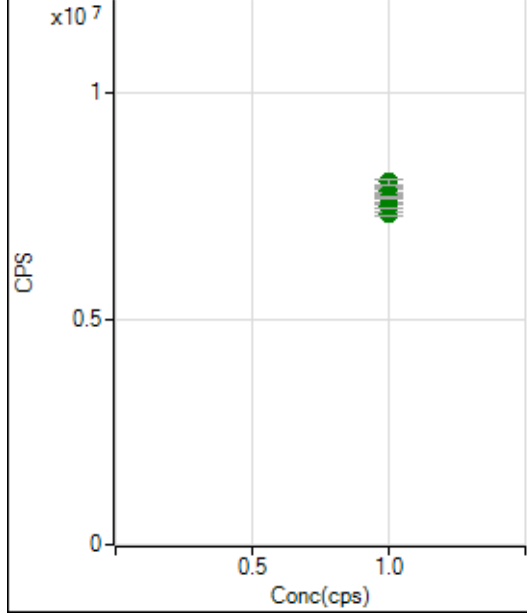
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11143917.61		A	1.5
2	☐	1.000		10629922.41		A	2.3
3	☐	1.000		10902902.27		A	2.2
4	☐	1.000		11163771.22		A	1.3
5	☐	1.000		11430830.52		A	1.2
6	☐	1.000		11660366.77		A	1.0
7	☐	1.000		11894428.16		A	0.2
8	☐	1.000		11459283.72		A	1.7

159 Tb (ISTD) [He]

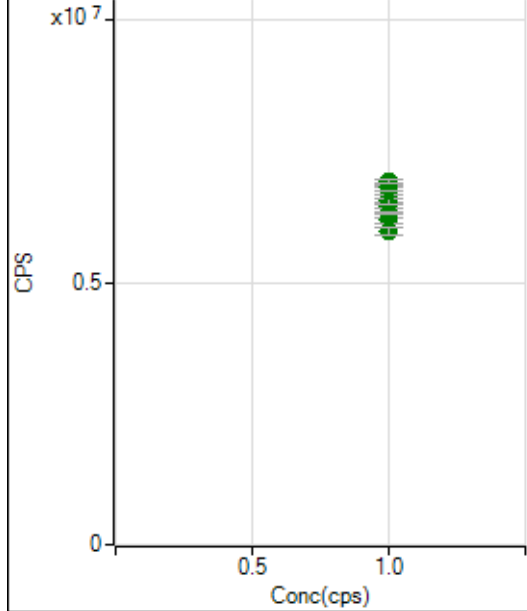
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7526328.43		A	1.7
2	☐	1.000		7285488.36		A	0.2
3	☐	1.000		7545255.72		A	2.1
4	☐	1.000		7583285.37		A	0.1
5	☐	1.000		7690608.49		A	0.5
6	☐	1.000		7803051.34		A	0.5
7	☐	1.000		8055057.52		A	1.4
8	☐	1.000		7559983.15		A	0.3

165 Ho (ISTD) [No Gas]

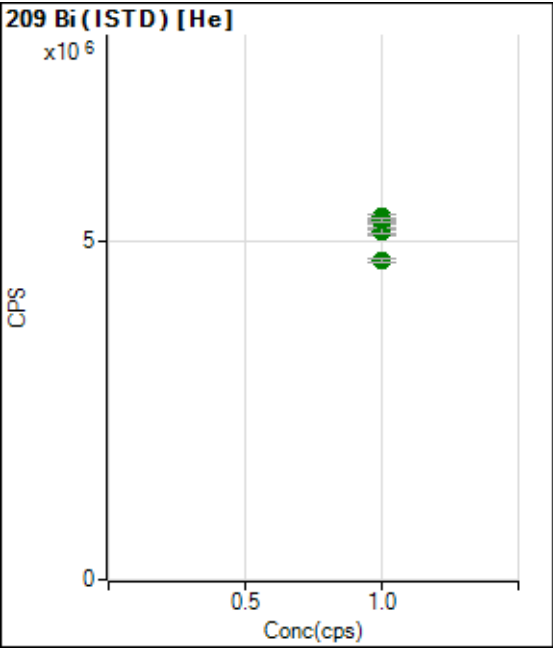
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10794874.70		A	2.3
2	☐	1.000		10228690.96		A	0.9
3	☐	1.000		10534219.98		A	1.5
4	☐	1.000		10774280.40		A	0.7
5	☐	1.000		11044225.11		A	1.9
6	☐	1.000		11302001.36		A	0.6
7	☐	1.000		11653110.10		A	0.4
8	☐	1.000		10953294.70		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7489210.79		A	1.0
2	☐	1.000		7312445.93		A	0.8
3	☐	1.000		7502262.53		A	1.6
4	☐	1.000		7712927.80		A	0.9
5	☐	1.000		7837460.09		A	1.2
6	☐	1.000		7845339.40		A	1.4
7	☐	1.000		8029354.67		A	1.4
8	☐	1.000		7671376.83		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6460093.37		A	1.3
2	☐	1.000		6177667.62		A	1.6
3	☐	1.000		6303864.49		A	0.6
4	☐	1.000		6542342.26		A	1.8
5	☐	1.000		6738953.23		A	1.9
6	☐	1.000		6801174.27		A	1.8
7	☐	1.000		6912109.00		A	1.1
8	☐	1.000		5962846.09		A	2.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5215001.55		A	1.6
2	☐	1.000		5151455.51		A	1.6
3	☐	1.000		5167286.45		A	2.0
4	☐	1.000		5321392.39		A	0.7
5	☐	1.000		5374594.82		A	1.0
6	☐	1.000		5326019.61		A	1.5
7	☐	1.000		5334781.52		A	0.9
8	☐	1.000		4725475.55		A	0.8

US EPA Tune Check Report

Reviewed By: Moh
On: 10/25/2024 5:5
PM
Inst Id : P7
Client Sample Id
: TUNE005

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7102524-MS2.b
Acq. Date-Time 2024-10-25 13:54:24
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		12675	126748.95			0.739	5.000
24		429266	4292661.65			1.353	5.000
25		59878	598782.36			1.198	5.000
26		68422	684224.59			1.120	5.000
59		95074	950735.72			0.764	5.000
113		6555	65548.80			0.458	5.000
115		145163	1451626.00			0.781	5.000
206		25295	252946.75			0.360	5.000
207		21098	210983.16			0.497	5.000
208		51606	516063.80			0.450	5.000
220		1	8.90			10.806	

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	12554	12602	12697	12755	12766
24	421145	426507	429347	433424	435908
25	58802	59593	59985	60402	60609
26	67727	67930	68442	68321	69692
59	94816	94286	95264	96216	94786
113	6539	6530	6559	6605	6542
115	146310	146022	145490	144353	143639
206	25334	25185	25412	25223	25320
207	21024	20970	21218	21095	21185
208	51786	51320	51774	51387	51765

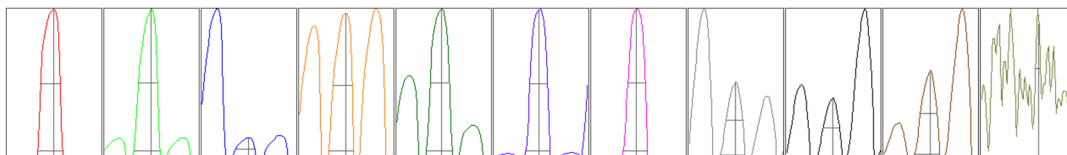
US EPA Tune Check Report

Reviewed By: Moh
On: 10/25/2024 5:5
PM
Inst Id : P7
Client Sample Id
: TUNE005

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21593.01	9.00	8.90 - 9.10	
24	755242.25	24.00	23.90 - 24.10	
25	105885.18	25.00	24.90 - 25.10	
26	116308.46	26.00	25.90 - 26.10	
59	162579.16	58.95	58.90 - 59.10	
113	12054.06	112.95	112.90 - 113.10	
115	269057.98	114.95	114.90 - 115.10	
206	49539.59	206.00	205.90 - 206.10	
207	41064.58	207.00	206.90 - 207.10	
208	100506.15	208.00	207.90 - 208.10	
220	1.30	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.781	0.900	
24	0.61	0.822	0.900	
25	0.60	0.777	0.900	
26	0.62	0.781	0.900	
59	0.62	0.821	0.900	
113	0.55	0.765	0.900	
115	0.54	0.771	0.900	
206	0.52	0.780	0.900	
207	0.52	0.777	0.900	
208	0.53	0.790	0.900	
220	0.15			

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: 10/25/2024 5:5
PM
Inst Id : P7
Client Sample Id
: TUNE005

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	9.3 V	Deflect	14.6 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

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

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm
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EM

Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		34137	341366.46			0.504	
89		156053	1560530.31			1.650	
205		38298	382977.26			0.503	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	34429	34153	34051	34042	34008
89	160296	155259	154205	156515	153990
205	38061	38392	38569	38265	38202

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.3 V	Deflect	3.6 V
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US EPA Tune Check Report

Reviewed By: Moh
On: 10/25/2024 5:5
PM
Inst Id : P7
Client Sample Id
: TUNE005

Extract 2	-220.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-95 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	-0.6 mm	Torch V	0.7 mm		
EM					
Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:34:05 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	0.51	0.82	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	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	0.02	0.00	N/A	ppb
Cadmium	106-1	0.22	0.07	-0.29	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.53	1.35	-0.82	0.00	N/A	ppb
Calcium	44-1	-0.38	-0.87	1.25	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Iron	57-2	-0.82	0.30	0.52	0.00	N/A	ppb
Iron	54-2	0.67	-1.03	0.36	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:34:05 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.20	-0.17	-0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	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	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-12.12	-16.45	-14.83	-14.47		ppb
Potassium	39-2	-1.08	0.66	0.41	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.20	0.09	-0.28	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	-0.60	-0.04	0.00	N/A	ppb
Silicon	28-1	0.02	-0.09	0.07	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.30	-0.75	0.45	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-125.93	-221.24	-107.66	-151.61		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.09	0.17	-0.08	0.00	N/A	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:34:05

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	0.08	-0.13	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:37:23

DataFile Name :

005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-17.48	-16.83	-17.98	-17.43		ppb
Antimony	121-1	2.02	1.97	2.01	2.00	1.33	ppb
Arsenic	75-2	1.05	1.02	1.00	1.02	2.23	ppb
Barium	135-1	9.53	9.22	9.29	9.35	1.74	ppb
Barium	137-1	9.48	9.15	9.44	9.36	1.90	ppb
Beryllium	9-1	1.07	1.18	0.99	1.08	8.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.04	1.04	1.06	3.45	ppb
Cadmium	106-1	0.74	0.72	0.37	0.61	33.72	ppb
Cadmium	111-1	0.97	1.08	1.01	1.02	5.32	ppb
Calcium	43-1	508.07	489.68	498.27	498.67	1.84	ppb
Calcium	44-1	503.08	504.92	505.20	504.40	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.14	2.07	2.11	1.73	ppb
Cobalt	59-2	1.08	1.05	1.04	1.06	1.87	ppb
Copper	63-2	2.04	1.95	2.08	2.02	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	54.57	54.59	54.39	54.52	0.21	ppb
Iron	57-2	57.12	56.35	55.33	56.27	1.60	ppb
Iron	54-2	56.49	57.46	57.89	57.28	1.25	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:37:23 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.87	0.89	0.87	0.88	1.35	ppb
Lead	207-1	0.82	0.91	0.84	0.86	5.49	ppb
Lead	208-1	0.83	0.90	0.85	0.86	4.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	555.76	552.97	556.49	555.07	0.33	ppb
Manganese	55-2	0.99	0.95	0.99	0.98	2.15	ppb
Molybdenum	94-1	5.31	5.34	5.41	5.35	1.02	ppb
Molybdenum	95-1	4.47	4.53	4.52	4.51	0.75	ppb
Molybdenum	96-1	4.52	4.61	4.54	4.56	1.08	ppb
Molybdenum	97-1	4.36	4.50	4.46	4.44	1.51	ppb
Molybdenum	98-1	4.41	4.46	4.38	4.42	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.08	1.08	1.08	0.23	ppb
Phosphorus	31-2	11.96	17.48	13.97	14.47	19.31	ppb
Potassium	39-2	523.77	518.51	514.48	518.92	0.90	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	4.78	5.23	5.06	5.02	4.47	ppb
Selenium	77-2	4.91	4.86	6.10	5.29	13.30	ppb
Selenium	78-2	4.24	5.90	5.92	5.35	17.98	ppb
Silicon	28-1	2.20	1.95	1.98	2.04	6.54	ppb
Silver	107-1	0.98	1.00	1.00	0.99	1.06	ppb
Silver	109-1	1.00	1.00	0.98	0.99	1.01	ppb
Sodium	23-2	516.06	514.00	512.62	514.23	0.34	ppb
Strontium	86-1	1.03	1.02	1.04	1.03	1.16	ppb
Strontium	88-1	1.01	1.00	1.00	1.00	0.37	ppb
Sulfur	34-1	271.98	144.80	38.04	151.61	77.25	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.86	0.86	0.85	0.86	0.61	ppb
Thallium	205-1	0.85	0.89	0.86	0.87	2.22	ppb
Tin	118-1	4.88	4.87	4.95	4.90	0.82	ppb
Titanium	47-1	4.54	4.44	4.36	4.45	2.14	ppb

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :S02

Instrumnet Name :P7

Client Sample ID :S02

Dilution Factor :1

Date & Time Acquired :2024-10-25 14:37:23

DataFile Name :005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.83	0.81	0.81	1.78	ppb
Vanadium	51-2	5.08	5.06	5.05	5.06	0.23	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	3.50	3.89	3.14	3.51	10.66	ppb
Zirconium	90-1	1.00	1.04	0.99	1.01	2.82	ppb
Zirconium	91-1	1.02	1.05	1.03	1.03	1.69	ppb

LB Number :LB133137Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-10-25 14:40:43DataFile Name :006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1036.33	1013.96	1016.40	1022.23	1.20	ppb
Antimony	121-1	50.86	51.04	50.91	50.94	0.18	ppb
Arsenic	75-2	50.66	51.01	50.67	50.78	0.39	ppb
Barium	135-1	247.20	247.13	243.93	246.09	0.76	ppb
Barium	137-1	247.84	248.19	248.29	248.10	0.10	ppb
Beryllium	9-1	52.54	56.44	53.01	54.00	3.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.69	54.07	53.07	53.95	1.52	ppb
Cadmium	106-1	53.19	53.39	51.78	52.79	1.66	ppb
Cadmium	111-1	53.27	53.64	52.78	53.23	0.81	ppb
Calcium	43-1	6164.96	6217.46	6241.11	6207.84	0.63	ppb
Calcium	44-1	5396.44	5392.69	5393.97	5394.37	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.72	51.11	52.30	51.71	1.15	ppb
Cobalt	59-2	51.27	50.71	51.71	51.23	0.97	ppb
Copper	63-2	507.18	497.63	507.75	504.18	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2630.59	2583.77	2563.37	2592.58	1.33	ppb
Iron	57-2	2791.71	2732.12	2750.40	2758.08	1.11	ppb
Iron	54-2	2843.99	2805.19	2802.14	2817.10	0.83	ppb
Krypton	83-1						cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:40:43

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	246.67	260.32	255.20	254.07	2.71	ppb
Lead	207-1	222.46	229.71	229.16	227.11	1.78	ppb
Lead	208-1	239.69	244.14	246.40	243.41	1.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	5067.69	4985.41	5050.80	5034.63	0.86	ppb
Manganese	55-2	500.70	492.76	498.76	497.40	0.83	ppb
Molybdenum	94-1	500.00	500.94	507.18	502.70	0.78	ppb
Molybdenum	95-1	498.57	503.19	497.76	499.84	0.59	ppb
Molybdenum	96-1	507.05	493.89	502.28	501.08	1.33	ppb
Molybdenum	97-1	496.46	502.85	508.46	502.59	1.19	ppb
Molybdenum	98-1	483.38	499.26	490.22	490.96	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.36	50.33	50.55	50.75	1.07	ppb
Phosphorus	31-2	1006.17	994.61	988.02	996.27	0.92	ppb
Potassium	39-2	2440.28	2437.90	2465.05	2447.74	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	50.01	50.84	50.87	50.57	0.96	ppb
Selenium	77-2	46.15	48.77	48.96	47.96	3.28	ppb
Selenium	78-2	48.49	52.83	50.44	50.59	4.30	ppb
Silicon	28-1	56.41	57.37	56.99	56.92	0.84	ppb
Silver	107-1	54.02	53.89	53.57	53.83	0.43	ppb
Silver	109-1	54.13	54.42	54.21	54.25	0.27	ppb
Sodium	23-2	5061.18	5023.43	5091.30	5058.63	0.67	ppb
Strontium	86-1	1242.42	1255.75	1251.12	1249.77	0.54	ppb
Strontium	88-1	1240.03	1246.81	1255.62	1247.49	0.63	ppb
Sulfur	34-1	1139.75	942.82	937.69	1006.75	11.44	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	44.06	45.54	45.80	45.14	2.08	ppb
Thallium	205-1	44.69	46.24	45.59	45.51	1.71	ppb
Tin	118-1	50.63	51.77	51.20	51.20	1.11	ppb
Titanium	47-1	511.57	510.18	517.38	513.04	0.74	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:40:43

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.04	43.79	43.50	43.11	2.18	ppb
Vanadium	51-2	51.68	50.37	50.93	50.99	1.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	500.67	495.39	505.83	500.63	1.04	ppb
Zirconium	90-1	50.21	50.95	51.83	51.00	1.59	ppb
Zirconium	91-1	50.73	51.27	51.61	51.20	0.87	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:43:45 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2631.10	2628.08	2612.20	2623.80	0.39	ppb
Antimony	121-1	127.93	129.63	127.33	128.30	0.93	ppb
Arsenic	75-2	128.48	127.25	127.66	127.80	0.49	ppb
Barium	135-1	641.48	667.94	646.63	652.02	2.15	ppb
Barium	137-1	642.54	666.90	652.62	654.02	1.87	ppb
Beryllium	9-1	135.53	136.92	139.09	137.18	1.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.16	138.30	135.58	135.35	2.27	ppb
Cadmium	106-1	133.70	133.97	135.13	134.27	0.57	ppb
Cadmium	111-1	131.40	134.34	131.59	132.44	1.24	ppb
Calcium	43-1	15652.01	16125.14	15850.26	15875.80	1.50	ppb
Calcium	44-1	13840.72	13862.47	13626.34	13776.51	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.70	133.42	131.94	132.69	0.56	ppb
Cobalt	59-2	132.00	131.06	131.46	131.51	0.36	ppb
Copper	63-2	1315.63	1322.24	1304.15	1314.01	0.70	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				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6732.11	6605.28	6712.05	6683.15	1.02	ppb
Iron	57-2	7105.95	7151.99	7156.05	7137.99	0.39	ppb
Iron	54-2	6812.97	6663.66	6780.73	6752.46	1.16	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:43:45 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	634.53	628.61	655.96	639.70	2.25	ppb
Lead	207-1	631.15	620.95	642.71	631.60	1.72	ppb
Lead	208-1	624.61	624.03	639.74	629.46	1.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	12978.13	12809.11	12747.70	12844.98	0.93	ppb
Manganese	55-2	1273.22	1264.07	1275.64	1270.98	0.48	ppb
Molybdenum	94-1	1255.87	1273.66	1255.92	1261.82	0.81	ppb
Molybdenum	95-1	1240.79	1251.88	1266.02	1252.89	1.01	ppb
Molybdenum	96-1	1252.87	1273.88	1246.18	1257.64	1.15	ppb
Molybdenum	97-1	1252.55	1271.66	1248.87	1257.69	0.97	ppb
Molybdenum	98-1	1258.42	1269.12	1250.19	1259.24	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.23	130.86	130.70	130.93	0.21	ppb
Phosphorus	31-2	2589.34	2579.62	2583.45	2584.14	0.19	ppb
Potassium	39-2	6290.88	6201.56	6206.81	6233.08	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	128.06	128.45	129.27	128.59	0.48	ppb
Selenium	77-2	119.58	123.84	125.70	123.04	2.55	ppb
Selenium	78-2	129.59	127.17	126.69	127.82	1.22	ppb
Silicon	28-1	127.73	130.21	126.29	128.08	1.55	ppb
Silver	107-1	135.10	138.42	133.92	135.81	1.72	ppb
Silver	109-1	135.80	137.52	133.68	135.66	1.42	ppb
Sodium	23-2	12995.60	12903.07	13040.92	12979.86	0.54	ppb
Strontium	86-1	3167.31	3177.44	3157.43	3167.40	0.32	ppb
Strontium	88-1	3154.52	3170.40	3162.17	3162.36	0.25	ppb
Sulfur	34-1	2627.75	2519.08	2311.01	2485.95	6.47	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	116.49	112.17	114.38	114.35	1.89	ppb
Thallium	205-1	125.05	124.27	129.24	126.19	2.12	ppb
Tin	118-1	126.98	130.25	128.64	128.62	1.27	ppb
Titanium	47-1	1267.22	1274.31	1266.32	1269.28	0.35	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:43:45

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.73	122.90	125.24	123.63	1.14	ppb
Vanadium	51-2	132.39	131.43	131.92	131.91	0.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1310.16	1305.71	1307.23	1307.70	0.17	ppb
Zirconium	90-1	127.03	126.98	125.97	126.66	0.47	ppb
Zirconium	91-1	127.47	129.12	128.32	128.30	0.64	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:46:38

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4997.74	4879.85	4941.88	4939.83	1.19	ppb
Antimony	121-1	255.10	254.63	251.07	253.60	0.87	ppb
Arsenic	75-2	250.28	245.05	245.48	246.94	1.18	ppb
Barium	135-1	1268.89	1273.59	1251.61	1264.70	0.92	ppb
Barium	137-1	1253.95	1253.53	1259.90	1255.79	0.28	ppb
Beryllium	9-1	260.82	264.94	274.61	266.79	2.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	260.61	255.57	258.35	258.18	0.98	ppb
Cadmium	106-1	255.37	256.74	258.94	257.02	0.70	ppb
Cadmium	111-1	255.47	256.85	257.33	256.55	0.38	ppb
Calcium	43-1	30577.49	31357.96	31768.51	31234.65	1.94	ppb
Calcium	44-1	26713.67	27189.52	27764.77	27222.65	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.72	260.82	260.93	260.16	0.48	ppb
Cobalt	59-2	254.47	254.59	253.40	254.15	0.26	ppb
Copper	63-2	2514.98	2535.91	2545.58	2532.16	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	13189.38	13121.39	13301.19	13203.99	0.69	ppb
Iron	57-2	13028.41	13248.41	13336.03	13204.28	1.20	ppb
Iron	54-2	13414.00	13330.32	13645.16	13463.16	1.21	ppb
Krypton	83-1						cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:46:38

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1248.83	1283.90	1269.40	1267.37	1.39	ppb
Lead	207-1	1234.02	1276.10	1269.76	1259.96	1.80	ppb
Lead	208-1	1239.30	1280.94	1255.19	1258.48	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	25140.48	25416.16	25407.29	25321.31	0.62	ppb
Manganese	55-2	2505.64	2506.02	2523.32	2511.66	0.40	ppb
Molybdenum	94-1	2484.33	2511.64	2515.62	2503.86	0.68	ppb
Molybdenum	95-1	2481.63	2506.98	2489.45	2492.68	0.52	ppb
Molybdenum	96-1	2467.88	2524.83	2496.71	2496.47	1.14	ppb
Molybdenum	97-1	2475.05	2523.73	2499.07	2499.28	0.97	ppb
Molybdenum	98-1	2480.49	2505.32	2487.83	2491.21	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.07	253.52	255.29	254.29	0.36	ppb
Phosphorus	31-2	4997.87	4963.41	5058.80	5006.69	0.96	ppb
Potassium	39-2	12236.95	12221.38	12269.71	12242.68	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	251.69	256.04	251.22	252.98	1.05	ppb
Selenium	77-2	256.46	242.09	251.88	250.15	2.93	ppb
Selenium	78-2	256.47	246.73	241.47	248.22	3.07	ppb
Silicon	28-1	255.33	259.47	264.49	259.76	1.77	ppb
Silver	107-1	262.94	260.80	259.74	261.16	0.62	ppb
Silver	109-1	258.00	263.05	262.67	261.24	1.08	ppb
Sodium	23-2	25522.50	25501.19	25697.02	25573.57	0.42	ppb
Strontium	86-1	6205.89	6216.80	6281.47	6234.72	0.66	ppb
Strontium	88-1	6186.59	6233.80	6249.67	6223.35	0.53	ppb
Sulfur	34-1	4846.93	4970.31	4946.26	4921.17	1.33	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	252.44	253.28	250.15	251.96	0.64	ppb
Thallium	205-1	248.92	252.01	254.92	251.95	1.19	ppb
Tin	118-1	250.36	254.21	252.72	252.43	0.77	ppb
Titanium	47-1	2448.83	2492.31	2537.91	2493.02	1.79	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:46:38

DataFile Name :

008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	244.26	243.62	240.95	242.94	0.72	ppb
Vanadium	51-2	260.39	257.58	260.87	259.62	0.69	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	2539.19	2530.28	2549.17	2539.55	0.37	ppb
Zirconium	90-1	245.82	250.90	249.51	248.74	1.05	ppb
Zirconium	91-1	251.13	255.30	256.10	254.18	1.05	ppb

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

LB133137
S06
S06
2024-10-25 14:49:25

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9793.21	9903.66	9833.09	9843.32	0.57	ppb
Antimony	121-1	495.04	500.80	498.47	498.11	0.58	ppb
Arsenic	75-2	498.08	495.39	492.60	495.36	0.55	ppb
Barium	135-1	2434.21	2517.45	2468.03	2473.23	1.69	ppb
Barium	137-1	2444.19	2487.52	2498.39	2476.70	1.16	ppb
Beryllium	9-1	517.84	541.40	524.55	527.93	2.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.04	505.44	506.62	503.03	1.04	ppb
Cadmium	106-1	494.64	503.69	504.93	501.09	1.12	ppb
Cadmium	111-1	491.66	503.97	495.91	497.18	1.26	ppb
Calcium	43-1	59693.68	58984.71	58566.88	59081.76	0.96	ppb
Calcium	44-1	54214.88	54017.16	54833.19	54355.08	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.56	502.78	505.12	504.15	0.24	ppb
Cobalt	59-2	510.78	503.68	509.31	507.92	0.74	ppb
Copper	63-2	5119.45	5035.44	5059.49	5071.46	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	26422.80	26448.26	26499.95	26457.01	0.15	ppb
Iron	57-2	26537.39	26513.41	26010.96	26353.92	1.13	ppb
Iron	54-2	26562.05	26877.37	26835.73	26758.38	0.64	ppb
Krypton	83-1						cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:49:25

DataFile Name :

009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2496.39	2575.08	2494.97	2522.14	1.82	ppb
Lead	207-1	2483.08	2537.32	2500.64	2507.01	1.10	ppb
Lead	208-1	2467.22	2539.45	2501.00	2502.56	1.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	50219.61	50352.51	50456.83	50342.98	0.24	ppb
Manganese	55-2	5019.72	5061.78	5026.37	5035.96	0.45	ppb
Molybdenum	94-1	5008.52	4968.37	5056.31	5011.07	0.88	ppb
Molybdenum	95-1	4928.75	4981.36	5024.51	4978.21	0.96	ppb
Molybdenum	96-1	4955.46	4965.88	5016.75	4979.36	0.66	ppb
Molybdenum	97-1	4962.71	4976.83	5021.06	4986.87	0.61	ppb
Molybdenum	98-1	4924.22	4979.48	4985.76	4963.16	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.20	504.46	504.47	504.71	0.08	ppb
Phosphorus	31-2	10052.75	9946.71	9982.87	9994.11	0.54	ppb
Potassium	39-2	24471.87	24261.24	24516.75	24416.62	0.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	498.92	503.14	503.05	501.70	0.48	ppb
Selenium	77-2	497.34	502.77	474.50	491.54	3.05	ppb
Selenium	78-2	495.60	500.06	494.29	496.65	0.61	ppb
Silicon	28-1	520.51	521.07	527.05	522.88	0.69	ppb
Silver	107-1	497.72	508.76	501.07	502.52	1.13	ppb
Silver	109-1	503.18	510.08	502.42	505.23	0.83	ppb
Sodium	23-2	50733.61	51127.72	50708.74	50856.69	0.46	ppb
Strontium	86-1	12326.60	12468.02	12462.28	12418.96	0.64	ppb
Strontium	88-1	12228.11	12449.89	12459.95	12379.32	1.06	ppb
Sulfur	34-1	9957.64	9669.14	9854.87	9827.22	1.49	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	490.78	508.35	502.07	500.40	1.78	ppb
Thallium	205-1	496.20	508.22	498.14	500.85	1.29	ppb
Tin	118-1	490.30	495.73	497.40	494.47	0.75	ppb
Titanium	47-1	4979.64	4937.67	5039.67	4985.66	1.03	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:49:25

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	495.43	506.02	500.38	500.61	1.06	ppb
Vanadium	51-2	506.37	501.60	498.24	502.07	0.81	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5056.17	5035.23	5141.56	5077.65	1.11	ppb
Zirconium	90-1	495.61	502.15	504.35	500.70	0.91	ppb
Zirconium	91-1	489.22	500.91	504.07	498.07	1.57	ppb

LB Number :LB133137Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-10-25 14:52:13DataFile Name :010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19840.34	19545.50	19618.65	19668.16	0.78	ppb
Antimony	121-1	968.20	1014.39	1016.17	999.59	2.72	ppb
Arsenic	75-2	1009.15	1006.30	992.66	1002.70	0.88	ppb
Barium	135-1	4877.36	5066.36	5075.88	5006.53	2.24	ppb
Barium	137-1	4975.07	4998.55	5046.40	5006.67	0.73	ppb
Beryllium	9-1	951.37	1000.53	988.44	980.12	2.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	976.16	1008.19	1000.50	994.95	1.68	ppb
Cadmium	106-1	979.09	997.39	1012.74	996.41	1.69	ppb
Cadmium	111-1	985.66	997.87	1012.52	998.68	1.35	ppb
Calcium	43-1	115080.79	118136.11	119031.03	117415.98	1.76	ppb
Calcium	44-1	106304.69	108941.12	109099.87	108115.23	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.06	986.80	1006.15	994.34	1.04	ppb
Cobalt	59-2	1000.85	977.41	1004.12	994.13	1.47	ppb
Copper	63-2	9990.48	9861.48	9992.10	9948.02	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				108		%
Holmium	165-2				107		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	52638.57	51950.64	52289.89	52293.03	0.66	ppb
Iron	57-2	51606.98	51470.18	51891.84	51656.33	0.42	ppb
Iron	54-2	53105.00	52595.67	53092.68	52931.12	0.55	ppb
Krypton	83-1						cps

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4879.18	5128.26	4940.19	4982.54	2.61	ppb
Lead	207-1	4970.54	5089.07	4923.37	4994.32	1.71	ppb
Lead	208-1	4958.92	5074.94	4955.25	4996.37	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	100460.88	99492.89	99522.17	99825.31	0.55	ppb
Manganese	55-2	10053.55	9900.98	9975.31	9976.61	0.76	ppb
Molybdenum	94-1	10009.53	9985.09	9981.05	9991.89	0.15	ppb
Molybdenum	95-1	9976.73	10088.98	9971.40	10012.37	0.66	ppb
Molybdenum	96-1	9949.76	10190.19	9890.62	10010.19	1.59	ppb
Molybdenum	97-1	9954.76	10168.16	9894.03	10005.65	1.44	ppb
Molybdenum	98-1	9967.53	10117.19	9975.03	10019.92	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.46	988.93	992.99	995.79	0.87	ppb
Phosphorus	31-2	20059.86	19932.81	19980.16	19990.94	0.32	ppb
Potassium	39-2	49247.75	48544.60	48505.08	48765.81	0.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	986.36	1006.83	1000.58	997.93	1.05	ppb
Selenium	77-2	1024.55	1002.26	986.81	1004.54	1.89	ppb
Selenium	78-2	1010.62	995.44	999.14	1001.73	0.79	ppb
Silicon	28-1	979.01	980.23	997.17	985.47	1.03	ppb
Silver	107-1	976.88	992.17	1014.18	994.41	1.89	ppb
Silver	109-1	970.68	995.73	1012.68	993.03	2.13	ppb
Sodium	23-2	102275.37	101610.84	101024.95	101637.05	0.62	ppb
Strontium	86-1	24816.60	25080.23	25220.32	25039.05	0.82	ppb
Strontium	88-1	24836.29	25161.16	25189.93	25062.46	0.78	ppb
Sulfur	34-1	19824.07	20446.15	20052.33	20107.52	1.57	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1003.12	1005.48	994.06	1000.89	0.60	ppb
Thallium	205-1	998.34	1012.78	986.37	999.16	1.32	ppb
Tin	118-1	987.74	1012.17	1005.02	1001.64	1.25	ppb
Titanium	47-1	9867.24	10069.38	10080.94	10005.85	1.20	ppb

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :S07

Instrumnet Name :P7

Client Sample ID :S07

Dilution Factor :1

Date & Time Acquired :2024-10-25 14:52:13

DataFile Name :010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	992.87	1031.98	981.08	1001.98	2.66	ppb
Vanadium	51-2	990.53	986.51	1009.90	995.65	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	9996.20	9851.23	9984.70	9944.04	0.81	ppb
Zirconium	90-1	990.80	1005.60	1002.72	999.71	0.79	ppb
Zirconium	91-1	995.16	1009.59	993.59	999.45	0.88	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:54:59

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100426.14	99926.87	99892.19	100081.73	0.30	ppb
Antimony	121-1	0.73	0.71	0.75	0.73	2.61	ppb
Arsenic	75-2	0.60	0.60	0.50	0.57	10.71	ppb
Barium	135-1	2.10	2.11	1.89	2.03	5.97	ppb
Barium	137-1	2.09	2.05	2.04	2.06	1.31	ppb
Beryllium	9-1	0.13	0.13	0.08	0.11	27.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.40	0.30	0.33	19.69	ppb
Cadmium	106-1	-1.27	-0.57	-1.12	-0.99		ppb
Cadmium	111-1	0.03	0.07	0.04	0.04	46.82	ppb
Calcium	43-1	494146.98	499512.74	491941.55	495200.42	0.79	ppb
Calcium	44-1	495699.63	500412.88	497270.85	497794.45	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.10	3.06	3.01	3.06	1.33	ppb
Cobalt	59-2	2.61	2.63	2.55	2.60	1.60	ppb
Copper	63-2	1.62	1.64	1.68	1.65	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	249214.10	249673.91	249158.21	249348.74	0.11	ppb
Iron	57-2	249015.60	248873.92	250530.52	249473.35	0.37	ppb
Iron	54-2	251141.17	248172.61	248208.37	249174.05	0.68	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:54:59 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.96	0.92	0.94	2.04	ppb
Lead	207-1	0.95	0.93	0.86	0.91	5.28	ppb
Lead	208-1	0.94	0.92	0.86	0.91	4.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	500951.25	498617.38	500358.01	499975.55	0.24	ppb
Manganese	55-2	4.70	4.74	4.55	4.66	2.11	ppb
Molybdenum	94-1	2.45	2.33	2.21	2.33	5.06	ppb
Molybdenum	95-1	1.53	1.44	1.38	1.45	5.31	ppb
Molybdenum	96-1	3.09	3.02	2.88	3.00	3.51	ppb
Molybdenum	97-1	1.57	1.45	1.37	1.47	6.89	ppb
Molybdenum	98-1	1.49	1.39	1.32	1.40	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.67	3.62	3.53	3.61	2.02	ppb
Phosphorus	31-2	-7.05	-8.20	-10.24	-8.50		ppb
Potassium	39-2	251261.17	249113.03	250582.65	250318.95	0.44	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.16	0.93	0.76	0.95	20.93	ppb
Selenium	77-2	0.18	0.18	0.18	0.18	1.00	ppb
Selenium	78-2	0.11	-0.29	0.45	0.09	423.26	ppb
Silicon	28-1	2.49	2.28	1.93	2.23	12.80	ppb
Silver	107-1	0.16	0.13	0.12	0.14	12.92	ppb
Silver	109-1	0.15	0.12	0.12	0.13	13.44	ppb
Sodium	23-2	500591.82	499085.47	498959.64	499545.64	0.18	ppb
Strontium	86-1	4.36	4.10	3.98	4.14	4.69	ppb
Strontium	88-1	4.38	4.14	3.88	4.13	6.09	ppb
Sulfur	34-1	-926.55	-880.96	-814.21	-873.91		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.12	0.10	0.12	16.98	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	12.84	ppb
Tin	118-1	0.25	0.25	0.30	0.27	10.80	ppb
Titanium	47-1	1.10	1.08	1.02	1.07	3.81	ppb

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-10-25 14:54:59

DataFile Name :011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.05	12.36	ppb
Vanadium	51-2	0.18	0.18	0.20	0.19	3.98	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	4.27	4.26	4.33	4.29	0.83	ppb
Zirconium	90-1	0.60	0.59	0.55	0.58	4.03	ppb
Zirconium	91-1	0.59	0.59	0.57	0.58	1.47	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

ICV005

Instrumnet Name :

P7

Client Sample ID :

ICV005

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:00:18

DataFile Name :

012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.24	503.02	500.44	500.23	0.58	ppb
Antimony	121-1	203.53	207.13	208.13	206.26	1.17	ppb
Arsenic	75-2	197.82	200.37	201.81	200.00	1.01	ppb
Barium	135-1	94.38	96.39	95.82	95.53	1.08	ppb
Barium	137-1	95.44	96.86	96.70	96.33	0.80	ppb
Beryllium	9-1	99.86	100.47	97.28	99.20	1.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.15	97.00	97.25	96.47	1.19	ppb
Cadmium	106-1	90.41	90.29	91.52	90.74	0.75	ppb
Cadmium	111-1	103.06	105.78	103.46	104.10	1.41	ppb
Calcium	43-1	2040.95	2040.86	2080.55	2054.12	1.11	ppb
Calcium	44-1	2057.55	2042.77	2079.04	2059.79	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.92	105.19	105.00	104.70	0.66	ppb
Cobalt	59-2	103.27	103.92	104.36	103.85	0.53	ppb
Copper	63-2	97.01	96.78	97.35	97.04	0.30	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				99		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	2036.91	2045.12	2060.47	2047.50	0.58	ppb
Iron	57-2	2166.37	2189.92	2212.29	2189.53	1.05	ppb
Iron	54-2	2265.68	2260.59	2259.56	2261.94	0.14	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P7
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:00:18 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	192.00	193.14	196.30	193.82	1.15	ppb
Lead	207-1	182.09	182.84	188.23	184.39	1.82	ppb
Lead	208-1	195.38	196.04	200.08	197.16	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	1230.16	1235.97	1241.54	1235.89	0.46	ppb
Manganese	55-2	102.19	103.68	103.53	103.13	0.79	ppb
Molybdenum	94-1	1.06	0.90	0.87	0.94	11.08	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	4.25	ppb
Molybdenum	96-1	0.22	0.22	0.21	0.22	1.44	ppb
Molybdenum	97-1	0.11	0.10	0.10	0.11	6.74	ppb
Molybdenum	98-1	0.10	0.12	0.10	0.11	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.61	104.69	104.54	103.95	1.11	ppb
Phosphorus	31-2	-14.21	-12.39	-12.54	-13.05		ppb
Potassium	39-2	1870.43	1911.29	1899.20	1893.64	1.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	205.84	209.82	208.54	208.06	0.98	ppb
Selenium	77-2	194.26	193.20	206.98	198.15	3.87	ppb
Selenium	78-2	206.67	206.28	201.72	204.89	1.34	ppb
Silicon	28-1	0.71	0.65	0.80	0.72	10.47	ppb
Silver	107-1	49.87	51.06	51.23	50.72	1.46	ppb
Silver	109-1	50.68	51.70	51.40	51.26	1.03	ppb
Sodium	23-2	1909.23	1930.45	1949.46	1929.71	1.04	ppb
Strontium	86-1	0.38	0.39	0.31	0.36	11.78	ppb
Strontium	88-1	0.34	0.35	0.33	0.34	3.69	ppb
Sulfur	34-1	-415.29	-688.54	-667.52	-590.45		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	209.82	211.59	214.11	211.84	1.02	ppb
Thallium	205-1	211.24	207.64	215.03	211.31	1.75	ppb
Tin	118-1	-0.05	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.01	0.06	0.06	0.04	63.55	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P7
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:00:18 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.00	26.91	ppb
Vanadium	51-2	100.85	101.47	101.52	101.28	0.37	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	197.19	197.69	199.54	198.14	0.63	ppb
Zirconium	90-1	0.57	0.49	0.46	0.51	10.75	ppb
Zirconium	91-1	0.65	0.54	0.50	0.56	13.80	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P7
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:03:31 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-34.95	-35.17	-34.80	-34.97		ppb
Antimony	121-1	0.16	0.16	0.17	0.16	5.82	ppb
Arsenic	75-2	0.04	0.02	0.05	0.04	34.58	ppb
Barium	135-1	0.05	0.04	0.04	0.04	8.25	ppb
Barium	137-1	0.06	0.06	0.05	0.06	10.67	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	36.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	0.10	-0.02	0.01	1635.40	ppb
Cadmium	106-1	-0.79	-0.46	-0.87	-0.70		ppb
Cadmium	111-1	-0.03	-0.02	-0.05	-0.03		ppb
Calcium	43-1	-27.58	-26.94	-26.50	-27.01		ppb
Calcium	44-1	-22.01	-24.41	-23.84	-23.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.05	0.05	5.07	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	30.54	ppb
Copper	63-2	-0.08	-0.06	-0.07	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.61	0.82	0.67	0.70	15.96	ppb
Iron	57-2	-0.67	-0.57	-1.08	-0.77		ppb
Iron	54-2	2.94	1.88	2.88	2.57	23.31	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P7
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:03:31 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.07	0.08	0.09	20.61	ppb
Lead	207-1	0.11	0.09	0.08	0.09	15.20	ppb
Lead	208-1	0.10	0.08	0.08	0.08	13.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.36	-0.27	-0.13	-0.25		ppb
Manganese	55-2	-0.07	-0.05	-0.07	-0.06		ppb
Molybdenum	94-1	0.30	0.32	0.29	0.30	5.38	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	8.72	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.08	4.57	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	3.75	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	11.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-16.32	-14.74	-13.50	-14.86		ppb
Potassium	39-2	1.17	2.29	2.40	1.95	34.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.12	-0.15	-0.22	-0.08		ppb
Selenium	77-2	0.00	0.18	0.18	0.12	86.60	ppb
Selenium	78-2	-0.09	0.16	0.46	0.18	151.76	ppb
Silicon	28-1	0.45	0.34	0.37	0.39	14.37	ppb
Silver	107-1	0.04	0.03	0.03	0.03	26.28	ppb
Silver	109-1	0.05	0.03	0.03	0.04	22.86	ppb
Sodium	23-2	-1.19	0.24	-1.63	-0.86		ppb
Strontium	86-1	0.07	0.10	0.07	0.08	19.36	ppb
Strontium	88-1	0.07	0.07	0.06	0.07	6.73	ppb
Sulfur	34-1	-563.75	-652.11	-707.90	-641.25		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.05	0.05	7.43	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	13.60	ppb
Tin	118-1	-0.08	-0.07	-0.06	-0.07		ppb
Titanium	47-1	-0.02	-0.06	-0.02	-0.03		ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

ICB005

Instrumnet Name :

P7

Client Sample ID :

ICB005

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:03:31

DataFile Name :

013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.36	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	135.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	-2.60	-2.61	-2.51	-2.57		ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	2.61	ppb
Zirconium	91-1	0.15	0.16	0.14	0.15	5.92	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P7
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:14:06 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90334.93	90124.86	91120.83	90526.87	0.58	ppb
Antimony	121-1	1.12	1.11	1.16	1.13	2.62	ppb
Arsenic	75-2	0.38	0.36	0.35	0.36	4.90	ppb
Barium	135-1	1.35	1.38	1.31	1.35	2.95	ppb
Barium	137-1	1.40	1.42	1.42	1.41	0.86	ppb
Beryllium	9-1	0.32	0.31	0.29	0.30	5.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.58	7.00	7.21	7.27	4.05	ppb
Cadmium	106-1	-3.31	-2.05	-1.45	-2.27		ppb
Cadmium	111-1	0.03	0.18	0.16	0.12	68.27	ppb
Calcium	43-1	95646.15	96994.10	97654.91	96765.05	1.06	ppb
Calcium	44-1	96253.85	96521.19	97826.83	96867.29	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.59	20.43	20.54	20.52	0.40	ppb
Cobalt	59-2	1.26	1.27	1.28	1.27	0.82	ppb
Copper	63-2	7.58	7.41	7.48	7.49	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	99693.02	100660.90	100881.84	100411.92	0.63	ppb
Iron	57-2	98915.73	100616.35	99606.12	99712.73	0.86	ppb
Iron	54-2	100826.93	100830.14	101518.88	101058.65	0.39	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P7
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:14:06 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.23	4.32	4.31	4.28	1.15	ppb
Lead	207-1	3.83	3.92	3.87	3.87	1.10	ppb
Lead	208-1	3.92	4.02	4.02	3.99	1.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	97114.06	97854.59	97058.73	97342.46	0.46	ppb
Manganese	55-2	8.58	8.41	8.72	8.57	1.82	ppb
Molybdenum	94-1	1443.77	1437.06	1447.25	1442.69	0.36	ppb
Molybdenum	95-1	1716.99	1727.48	1752.93	1732.47	1.07	ppb
Molybdenum	96-1	1680.08	1707.99	1722.02	1703.36	1.25	ppb
Molybdenum	97-1	1715.37	1733.70	1747.29	1732.12	0.92	ppb
Molybdenum	98-1	1715.20	1714.78	1721.56	1717.18	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.48	5.51	5.46	1.13	ppb
Phosphorus	31-2	94580.54	93146.00	92464.12	93396.89	1.16	ppb
Potassium	39-2	93761.09	94617.55	94759.75	94379.46	0.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.04	0.23	0.11	0.13	78.88	ppb
Selenium	77-2	0.34	0.34	0.00	0.23	86.60	ppb
Selenium	78-2	-1.25	0.20	-0.24	-0.43		ppb
Silicon	28-1	2.61	2.92	2.94	2.82	6.68	ppb
Silver	107-1	0.02	0.03	0.03	0.03	16.77	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.42	ppb
Sodium	23-2	98090.18	98184.19	98989.87	98421.41	0.50	ppb
Strontium	86-1	33.41	34.16	34.47	34.01	1.61	ppb
Strontium	88-1	33.78	34.27	34.15	34.07	0.76	ppb
Sulfur	34-1	96961.45	97545.86	98348.58	97618.63	0.71	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.72	ppb
Thallium	205-1	0.09	0.08	0.08	0.09	5.95	ppb
Tin	118-1	0.03	0.08	0.12	0.08	53.87	ppb
Titanium	47-1	1754.87	1763.17	1782.01	1766.69	0.79	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

ICSA005

Instrumnet Name :

P7

Client Sample ID :

ICSA005

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:14:06

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.41	ppb
Vanadium	51-2	0.23	0.21	0.21	0.22	4.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	13.31	13.50	13.62	13.48	1.13	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	13.99	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	24.61	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P7
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:17:11 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88573.45	89658.73	90155.38	89462.52	0.90	ppb
Antimony	121-1	20.14	20.35	20.69	20.40	1.36	ppb
Arsenic	75-2	19.03	19.21	19.50	19.25	1.22	ppb
Barium	135-1	19.69	20.10	19.96	19.92	1.05	ppb
Barium	137-1	19.59	19.81	20.04	19.81	1.12	ppb
Beryllium	9-1	19.92	20.47	20.04	20.15	1.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.66	25.37	24.11	24.38	3.64	ppb
Cadmium	106-1	15.73	15.51	15.43	15.56	1.00	ppb
Cadmium	111-1	19.19	18.94	19.65	19.26	1.87	ppb
Calcium	43-1	96381.97	96446.49	98109.33	96979.26	1.01	ppb
Calcium	44-1	94903.30	97375.22	97295.36	96524.63	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.23	40.37	40.10	40.23	0.34	ppb
Cobalt	59-2	20.62	20.82	20.84	20.76	0.58	ppb
Copper	63-2	25.12	25.40	25.43	25.32	0.67	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				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	100183.46	101014.41	100788.72	100662.20	0.43	ppb
Iron	57-2	99336.20	100280.41	99955.94	99857.52	0.48	ppb
Iron	54-2	100609.96	100359.61	101444.92	100804.83	0.56	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P7
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:17:11 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.70	24.92	24.99	24.87	0.62	ppb
Lead	207-1	23.53	23.79	23.91	23.74	0.82	ppb
Lead	208-1	23.60	23.79	24.09	23.83	1.04	ppb
Lithium	6-1				93		%
Magnesium	24-2	95912.42	96179.60	96433.94	96175.32	0.27	ppb
Manganese	55-2	27.72	27.92	28.15	27.93	0.76	ppb
Molybdenum	94-1	1434.19	1449.30	1432.49	1438.66	0.64	ppb
Molybdenum	95-1	1713.96	1731.02	1722.59	1722.52	0.50	ppb
Molybdenum	96-1	1671.00	1700.16	1690.13	1687.10	0.88	ppb
Molybdenum	97-1	1705.64	1746.36	1715.65	1722.55	1.23	ppb
Molybdenum	98-1	1706.55	1725.04	1709.48	1713.69	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.87	24.27	24.40	24.51	1.29	ppb
Phosphorus	31-2	91917.47	92567.51	91472.55	91985.85	0.60	ppb
Potassium	39-2	93135.10	94155.25	94087.55	93792.63	0.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	17.57	19.03	19.96	18.85	6.38	ppb
Selenium	77-2	20.76	19.20	16.30	18.75	12.08	ppb
Selenium	78-2	19.92	17.95	18.36	18.74	5.55	ppb
Silicon	28-1	3.71	3.88	3.99	3.86	3.58	ppb
Silver	107-1	18.44	18.42	18.77	18.54	1.07	ppb
Silver	109-1	18.24	18.61	18.88	18.58	1.72	ppb
Sodium	23-2	96735.14	97106.70	97762.05	97201.30	0.53	ppb
Strontium	86-1	33.93	34.13	34.31	34.12	0.55	ppb
Strontium	88-1	33.41	34.31	34.24	33.99	1.48	ppb
Sulfur	34-1	93947.91	95447.01	96600.72	95331.88	1.40	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	20.07	20.54	20.67	20.43	1.53	ppb
Thallium	205-1	20.38	20.56	20.71	20.55	0.81	ppb
Tin	118-1	0.00	0.04	0.07	0.03	108.39	ppb
Titanium	47-1	1758.46	1764.36	1802.78	1775.20	1.36	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

ICSAB005

Instrumnet Name :

P7

Client Sample ID :

ICSAB005

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:17:11

DataFile Name :

016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	10.09	ppb
Vanadium	51-2	20.14	19.89	19.98	20.01	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	26.70	27.46	27.74	27.30	1.98	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	9.23	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	16.22	ppb

LB Number :LB133137Operator :Jaswal

Lab Sample ID :CCV019Instrumnet Name :P7

Client Sample ID :CCV019Dilution Factor :1

Date & Time Acquired :2024-10-25 15:27:05DataFile Name :018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49020.95	49374.97	49210.98	49202.30	0.36	ppb
Antimony	121-1	479.14	489.06	489.75	485.98	1.22	ppb
Arsenic	75-2	481.49	475.50	477.83	478.27	0.63	ppb
Barium	135-1	2455.76	2463.34	2451.39	2456.83	0.25	ppb
Barium	137-1	2441.61	2449.26	2455.78	2448.88	0.29	ppb
Beryllium	9-1	523.69	525.71	531.39	526.93	0.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.12	507.91	498.51	503.51	0.94	ppb
Cadmium	106-1	501.83	508.39	509.20	506.47	0.80	ppb
Cadmium	111-1	490.32	498.92	498.04	495.76	0.95	ppb
Calcium	43-1	250748.76	252592.58	249656.15	250999.16	0.59	ppb
Calcium	44-1	244388.65	250387.96	245887.99	246888.20	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.91	492.69	487.83	489.14	0.64	ppb
Cobalt	59-2	503.14	505.05	500.12	502.77	0.50	ppb
Copper	63-2	4985.20	5028.86	4892.50	4968.85	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	125554.41	125243.24	124674.43	125157.36	0.36	ppb
Iron	57-2	122926.40	123796.02	124125.80	123616.08	0.50	ppb
Iron	54-2	124637.81	126297.91	125186.32	125374.01	0.67	ppb
Krypton	83-1						cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCV019

Instrumnet Name :

P7

Client Sample ID :

CCV019

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:27:05

DataFile Name :

018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2503.74	2575.22	2558.83	2545.93	1.47	ppb
Lead	207-1	2485.66	2561.66	2556.05	2534.46	1.67	ppb
Lead	208-1	2477.03	2548.53	2537.94	2521.17	1.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	245172.29	248398.50	245972.21	246514.33	0.68	ppb
Manganese	55-2	4904.04	4868.11	4828.15	4866.77	0.78	ppb
Molybdenum	94-1	4896.34	4885.22	4961.81	4914.46	0.84	ppb
Molybdenum	95-1	4890.10	4873.40	4885.05	4882.85	0.18	ppb
Molybdenum	96-1	4888.83	4927.30	4994.03	4936.72	1.08	ppb
Molybdenum	97-1	4849.87	4965.01	4970.62	4928.50	1.38	ppb
Molybdenum	98-1	4840.33	4927.97	4942.84	4903.72	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.83	494.46	487.57	490.95	0.70	ppb
Phosphorus	31-2	9785.94	9872.74	9803.07	9820.58	0.47	ppb
Potassium	39-2	119699.60	120845.74	119267.56	119937.63	0.68	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	464.02	466.71	475.14	468.62	1.24	ppb
Selenium	77-2	470.19	471.67	466.30	469.39	0.59	ppb
Selenium	78-2	475.71	465.33	486.64	475.89	2.24	ppb
Silicon	28-1	649.01	653.59	651.52	651.37	0.35	ppb
Silver	107-1	477.83	493.34	478.37	483.18	1.82	ppb
Silver	109-1	476.32	481.99	481.95	480.09	0.68	ppb
Sodium	23-2	245124.93	248136.60	246051.69	246437.74	0.63	ppb
Strontium	86-1	12117.82	12218.60	12350.16	12228.86	0.95	ppb
Strontium	88-1	12023.80	12231.51	12250.24	12168.52	1.03	ppb
Sulfur	34-1	9328.14	9151.63	9077.39	9185.72	1.40	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	504.70	512.87	511.12	509.57	0.84	ppb
Thallium	205-1	507.32	514.41	505.24	508.99	0.94	ppb
Tin	118-1	488.74	490.58	495.22	491.51	0.68	ppb
Titanium	47-1	4898.76	4903.25	4882.58	4894.87	0.22	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCV019

Instrumnet Name :

P7

Client Sample ID :

CCV019

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:27:05

DataFile Name :

018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.73	518.70	509.89	511.44	1.29	ppb
Vanadium	51-2	494.84	498.22	487.28	493.44	1.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	4910.69	4958.95	4896.13	4921.92	0.67	ppb
Zirconium	90-1	492.03	493.86	499.22	495.04	0.76	ppb
Zirconium	91-1	494.23	494.57	490.71	493.17	0.43	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB019 Instrumnet Name : P7
Client Sample ID : CCB019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:33:23 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-38.23	-38.30	-37.86	-38.13		ppb
Antimony	121-1	0.07	0.08	0.10	0.09	14.91	ppb
Arsenic	75-2	0.02	0.05	0.01	0.03	71.22	ppb
Barium	135-1	0.05	0.07	0.04	0.06	26.26	ppb
Barium	137-1	0.03	0.06	0.05	0.05	30.72	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	4.04	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	-0.02	0.01	0.03	200.41	ppb
Cadmium	106-1	-1.13	-0.41	-0.93	-0.82		ppb
Cadmium	111-1	-0.05	0.00	-0.04	-0.03		ppb
Calcium	43-1	-2.38	-2.60	-6.81	-3.93		ppb
Calcium	44-1	-0.31	-2.69	-1.22	-1.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	14.61	ppb
Copper	63-2	-0.02	-0.04	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.56	2.61	2.43	2.53	3.66	ppb
Iron	57-2	0.25	-0.15	0.74	0.28	159.41	ppb
Iron	54-2	2.36	2.89	2.96	2.74	11.96	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB019 Instrumnet Name : P7
Client Sample ID : CCB019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:33:23 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.08	0.08	0.08	6.83	ppb
Lead	207-1	0.09	0.10	0.10	0.09	4.43	ppb
Lead	208-1	0.09	0.08	0.08	0.09	7.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.23	5.58	5.31	5.37	3.45	ppb
Manganese	55-2	0.01	0.03	0.00	0.01	101.01	ppb
Molybdenum	94-1	0.17	0.15	0.17	0.16	5.58	ppb
Molybdenum	95-1	0.13	0.14	0.14	0.14	3.50	ppb
Molybdenum	96-1	0.14	0.14	0.16	0.15	8.80	ppb
Molybdenum	97-1	0.14	0.14	0.15	0.14	6.10	ppb
Molybdenum	98-1	0.14	0.13	0.14	0.14	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	-14.38	-17.25	-13.86	-15.16		ppb
Potassium	39-2	14.03	13.27	13.57	13.62	2.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.10	-0.24	-0.17	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.39	-0.31	-0.37	-0.69		ppb
Silicon	28-1	-0.94	-0.97	-1.01	-0.97		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.20	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.98	ppb
Sodium	23-2	24.81	24.97	23.65	24.48	2.95	ppb
Strontium	86-1	0.24	0.20	0.23	0.22	10.12	ppb
Strontium	88-1	0.22	0.21	0.20	0.21	5.07	ppb
Sulfur	34-1	-997.29	-954.20	-1049.05	-1000.18		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.85	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.17	ppb
Tin	118-1	-0.10	-0.07	-0.07	-0.08		ppb
Titanium	47-1	0.04	0.04	0.07	0.05	41.79	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCB019

Instrumnet Name :

P7

Client Sample ID :

CCB019

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:33:23

DataFile Name :

020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	4.79	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-1.77	-1.66	-1.65	-1.69		ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	19.03	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	39.83	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BL Instrumnet Name : P7
Client Sample ID : PBS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:22:44 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-39.42	-39.23	-39.21	-39.29		ppb
Antimony	121-1	0.08	0.09	0.09	0.09	9.48	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	130.88	ppb
Barium	135-1	0.03	0.02	0.03	0.03	24.63	ppb
Barium	137-1	0.02	0.04	0.04	0.03	29.47	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	16.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	-0.59	-1.56	-1.25	-1.13		ppb
Cadmium	111-1	-0.03	-0.10	-0.07	-0.07		ppb
Calcium	43-1	-19.01	-16.68	-17.55	-17.75		ppb
Calcium	44-1	-17.72	-18.53	-17.44	-17.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	40.40	ppb
Copper	63-2	-0.06	-0.09	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	1.65	1.51	1.48	1.55	5.88	ppb
Iron	57-2	-2.34	-1.12	-0.43	-1.30		ppb
Iron	54-2	1.38	1.67	0.57	1.21	47.30	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BL Instrumnet Name : P7
Client Sample ID : PBS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:22:44 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.05	0.05	14.15	ppb
Lead	207-1	0.07	0.06	0.06	0.06	10.15	ppb
Lead	208-1	0.06	0.05	0.05	0.06	8.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.13	2.92	2.94	2.99	3.88	ppb
Manganese	55-2	-0.02	-0.05	-0.01	-0.03		ppb
Molybdenum	94-1	0.14	0.12	0.13	0.13	5.78	ppb
Molybdenum	95-1	0.12	0.11	0.12	0.12	3.08	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	6.93	ppb
Molybdenum	97-1	0.11	0.09	0.11	0.10	7.26	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-15.41	-14.79	-14.92	-15.04		ppb
Potassium	39-2	1.60	2.01	0.39	1.33	62.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	-0.01	-0.25	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	-0.15	0.26	0.41	157.02	ppb
Silicon	28-1	-0.99	-1.04	-0.85	-0.96		ppb
Silver	107-1	0.02	0.01	0.01	0.01	13.46	ppb
Silver	109-1	0.02	0.02	0.01	0.02	19.56	ppb
Sodium	23-2	17.91	17.59	16.46	17.32	4.39	ppb
Strontium	86-1	0.18	0.14	0.17	0.16	10.44	ppb
Strontium	88-1	0.17	0.16	0.15	0.16	6.81	ppb
Sulfur	34-1	-802.67	-847.91	-736.29	-795.62		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.02	18.12	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	4.04	ppb
Tin	118-1	-0.13	-0.11	-0.12	-0.12		ppb
Titanium	47-1	-0.01	0.03	0.04	0.02	124.37	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

PB164088BL

Instrumnet Name :

P7

Client Sample ID :

PBS088

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:22:44

DataFile Name :

023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.41	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	61.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-2.54	-2.52	-2.52	-2.53		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	19.31	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	20.49	ppb

LB Number :LB133137Operator :Jaswal

Lab Sample ID :PB164088BSInstrumnet Name :P7

Client Sample ID :LCS088Dilution Factor :1

Date & Time Acquired :2024-10-25 16:26:01DataFile Name :024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	2.49	3.43	2.90	16.58	ppb
Antimony	121-1	4.11	4.09	4.13	4.11	0.51	ppb
Arsenic	75-2	2.22	2.15	2.24	2.20	2.12	ppb
Barium	135-1	19.03	18.66	18.86	18.85	0.98	ppb
Barium	137-1	19.22	19.08	19.22	19.17	0.43	ppb
Beryllium	9-1	2.22	2.23	2.20	2.21	0.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.49	2.79	2.56	2.61	6.03	ppb
Cadmium	106-1	2.82	2.04	1.80	2.22	23.95	ppb
Cadmium	111-1	2.51	2.50	2.46	2.49	1.13	ppb
Calcium	43-1	1028.74	1024.28	1057.00	1036.67	1.71	ppb
Calcium	44-1	1024.98	1026.49	1043.09	1031.52	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.70	4.70	4.67	1.01	ppb
Cobalt	59-2	2.14	2.18	2.16	2.16	0.94	ppb
Copper	63-2	4.18	4.27	4.18	4.21	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	434.96	438.02	439.91	437.63	0.57	ppb
Iron	57-2	460.15	458.61	470.80	463.19	1.43	ppb
Iron	54-2	465.20	468.50	467.54	467.08	0.36	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BS Instrumnet Name : P7
Client Sample ID : LCS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:26:01 DataFile Name : 024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.90	1.90	1.90	0.69	ppb
Lead	207-1	1.91	1.89	1.87	1.89	1.10	ppb
Lead	208-1	1.88	1.87	1.88	1.88	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	1150.59	1142.07	1153.02	1148.56	0.50	ppb
Manganese	55-2	2.21	2.17	2.25	2.21	1.71	ppb
Molybdenum	94-1	11.29	11.34	11.45	11.36	0.71	ppb
Molybdenum	95-1	9.42	9.27	9.52	9.40	1.29	ppb
Molybdenum	96-1	9.57	9.52	9.59	9.56	0.37	ppb
Molybdenum	97-1	9.48	9.09	9.48	9.35	2.43	ppb
Molybdenum	98-1	9.31	9.27	9.45	9.34	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.27	2.31	2.26	2.80	ppb
Phosphorus	31-2	-14.07	-17.68	-13.98	-15.24		ppb
Potassium	39-2	1081.93	1082.20	1095.94	1086.69	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	11.20	10.46	11.66	11.11	5.48	ppb
Selenium	77-2	11.20	10.59	9.31	10.37	9.31	ppb
Selenium	78-2	12.97	10.21	9.59	10.92	16.44	ppb
Silicon	28-1	2.46	2.38	2.63	2.49	5.15	ppb
Silver	107-1	1.96	2.01	2.09	2.02	3.35	ppb
Silver	109-1	2.04	2.02	2.09	2.05	1.66	ppb
Sodium	23-2	1084.73	1087.71	1096.30	1089.58	0.55	ppb
Strontium	86-1	2.28	2.28	2.26	2.27	0.52	ppb
Strontium	88-1	2.18	2.18	2.23	2.20	1.45	ppb
Sulfur	34-1	-642.87	-633.37	-494.49	-590.24		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.80	1.83	1.85	1.82	1.38	ppb
Thallium	205-1	1.81	1.81	1.80	1.81	0.27	ppb
Tin	118-1	-0.10	-0.11	-0.09	-0.10		ppb
Titanium	47-1	9.42	9.35	9.56	9.44	1.17	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

PB164088BS

Instrumnet Name :

P7

Client Sample ID :

LCS088

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:26:01

DataFile Name :

024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.76	1.75	1.71	1.74	1.42	ppb
Vanadium	51-2	10.47	10.50	10.55	10.50	0.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	9.62	9.73	9.92	9.76	1.57	ppb
Zirconium	90-1	2.10	2.10	2.11	2.11	0.34	ppb
Zirconium	91-1	2.03	2.05	2.13	2.07	2.65	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BSD Instrumnet Name : P7
Client Sample ID : LCSD088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:29:19 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-18.15	-18.49	-17.90	-18.18		ppb
Antimony	121-1	2.04	2.09	2.13	2.09	2.25	ppb
Arsenic	75-2	0.99	1.00	1.07	1.02	4.40	ppb
Barium	135-1	9.59	9.63	9.62	9.62	0.23	ppb
Barium	137-1	9.56	9.84	9.89	9.76	1.82	ppb
Beryllium	9-1	1.10	1.12	1.11	1.11	0.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.60	1.19	1.39	14.85	ppb
Cadmium	106-1	0.83	0.38	0.79	0.67	36.86	ppb
Cadmium	111-1	1.22	1.30	1.27	1.26	3.16	ppb
Calcium	43-1	490.15	528.60	503.21	507.32	3.85	ppb
Calcium	44-1	498.86	517.96	513.53	510.12	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.38	2.32	2.29	2.33	1.98	ppb
Cobalt	59-2	1.08	1.09	1.07	1.08	1.04	ppb
Copper	63-2	2.14	2.05	2.01	2.07	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	231.85	232.78	229.82	231.48	0.65	ppb
Iron	57-2	233.65	234.87	225.18	231.24	2.28	ppb
Iron	54-2	237.06	233.96	232.65	234.56	0.97	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BSD Instrumnet Name : P7
Client Sample ID : LCSD088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:29:19 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.98	0.95	0.95	2.85	ppb
Lead	207-1	0.95	1.01	0.95	0.97	3.48	ppb
Lead	208-1	0.94	0.97	0.94	0.95	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	576.45	571.03	578.40	575.30	0.66	ppb
Manganese	55-2	1.03	1.09	1.14	1.09	4.90	ppb
Molybdenum	94-1	5.68	5.81	5.78	5.76	1.13	ppb
Molybdenum	95-1	4.66	4.73	4.80	4.73	1.41	ppb
Molybdenum	96-1	4.78	4.91	4.87	4.85	1.34	ppb
Molybdenum	97-1	4.67	4.73	4.80	4.73	1.28	ppb
Molybdenum	98-1	4.70	4.71	4.79	4.74	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.03	1.03	1.07	6.12	ppb
Phosphorus	31-2	-15.58	-16.00	-18.37	-16.65		ppb
Potassium	39-2	546.70	546.00	541.18	544.62	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.86	5.54	5.72	5.37	8.39	ppb
Selenium	77-2	4.89	7.13	5.95	5.99	18.75	ppb
Selenium	78-2	5.59	5.98	5.14	5.57	7.54	ppb
Silicon	28-1	0.78	0.97	0.84	0.86	11.06	ppb
Silver	107-1	1.03	1.03	1.09	1.05	3.24	ppb
Silver	109-1	1.00	1.03	1.08	1.04	4.11	ppb
Sodium	23-2	551.90	550.23	549.22	550.45	0.25	ppb
Strontium	86-1	1.18	1.22	1.21	1.20	1.67	ppb
Strontium	88-1	1.19	1.18	1.18	1.18	0.82	ppb
Sulfur	34-1	-632.24	-522.35	-604.17	-586.26		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.91	0.95	0.93	2.65	ppb
Thallium	205-1	0.91	0.93	0.89	0.91	2.26	ppb
Tin	118-1	-0.13	-0.13	-0.12	-0.13		ppb
Titanium	47-1	4.58	4.88	4.70	4.72	3.22	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

PB164088BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD088

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:29:19

DataFile Name :

025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.87	0.88	1.34	ppb
Vanadium	51-2	5.23	5.27	5.36	5.28	1.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	3.20	3.24	3.48	3.31	4.68	ppb
Zirconium	90-1	1.05	1.07	1.10	1.07	2.15	ppb
Zirconium	91-1	0.97	1.04	1.08	1.03	5.33	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-05 Instrumnet Name : P7
Client Sample ID : MYD0Y3 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:42:33 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54385.92	53293.17	53902.99	53860.69	1.02	ppb
Antimony	121-1	2.40	2.35	2.40	2.38	1.15	ppb
Arsenic	75-2	242.95	240.16	234.09	239.07	1.90	ppb
Barium	135-1	385.13	393.04	385.27	387.81	1.17	ppb
Barium	137-1	399.71	410.79	397.51	402.67	1.77	ppb
Beryllium	9-1	0.93	1.01	0.94	0.96	4.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.61	2.53	2.16	2.43	9.86	ppb
Cadmium	106-1	2.73	2.09	2.29	2.37	13.84	ppb
Cadmium	111-1	0.67	0.64	0.69	0.67	3.59	ppb
Calcium	43-1	13588.18	13780.07	13580.76	13649.67	0.83	ppb
Calcium	44-1	12480.74	12678.82	12594.46	12584.67	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185.58	185.25	186.31	185.71	0.29	ppb
Cobalt	59-2	98.00	96.76	96.78	97.18	0.73	ppb
Copper	63-2	269.93	271.98	273.87	271.92	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	183245.40	181033.32	184663.38	182980.70	1.00	ppb
Iron	57-2	179818.95	178554.56	181811.95	180061.82	0.91	ppb
Iron	54-2	182229.95	183048.99	183376.53	182885.15	0.32	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-05 Instrumnet Name : P7
Client Sample ID : MYD0Y3 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:42:33 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.01	37.77	37.62	37.47	1.08	ppb
Lead	207-1	38.68	39.08	39.15	38.97	0.66	ppb
Lead	208-1	37.28	37.87	37.82	37.66	0.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	33192.97	33097.97	32804.91	33031.95	0.61	ppb
Manganese	55-2	6056.60	6058.90	6090.01	6068.50	0.31	ppb
Molybdenum	94-1	10.69	11.09	10.83	10.87	1.89	ppb
Molybdenum	95-1	1.62	1.59	1.60	1.60	0.83	ppb
Molybdenum	96-1	3.72	3.68	3.60	3.67	1.54	ppb
Molybdenum	97-1	1.52	1.51	1.53	1.52	0.60	ppb
Molybdenum	98-1	1.46	1.48	1.52	1.49	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.55	117.02	118.57	117.71	0.67	ppb
Phosphorus	31-2	833.85	820.48	817.95	824.09	1.04	ppb
Potassium	39-2	1392.32	1372.50	1389.37	1384.73	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	0.42	0.70	0.83	0.65	32.25	ppb
Selenium	77-2	8.96	8.68	8.67	8.77	1.87	ppb
Selenium	78-2	2.08	1.92	2.21	2.07	6.92	ppb
Silicon	28-1	702.48	713.74	712.51	709.58	0.87	ppb
Silver	107-1	0.17	0.16	0.17	0.17	1.94	ppb
Silver	109-1	0.16	0.17	0.17	0.17	3.06	ppb
Sodium	23-2	302.01	302.45	304.54	303.00	0.44	ppb
Strontium	86-1	83.77	85.10	84.74	84.54	0.82	ppb
Strontium	88-1	82.25	84.09	84.61	83.65	1.48	ppb
Sulfur	34-1	-1996.58	-1979.60	-1997.27	-1991.15		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.16	0.15	5.18	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	1.81	ppb
Tin	118-1	3.08	3.14	3.14	3.12	1.11	ppb
Titanium	47-1	1580.94	1566.58	1608.19	1585.24	1.33	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4296-05

Instrumnet Name :

P7

Client Sample ID :

MYD0Y3

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:42:33

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.59	0.59	0.71	ppb
Vanadium	51-2	355.91	353.84	356.02	355.26	0.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	210.46	208.26	209.25	209.32	0.52	ppb
Zirconium	90-1	5.70	5.70	5.76	5.72	0.59	ppb
Zirconium	91-1	5.69	5.74	5.81	5.75	1.00	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4296-07A

Instrumnet Name :

P7

Client Sample ID :

MYD0Y5ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:45:39

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62213.18	62757.06	62836.46	62602.24	0.54	ppb
Antimony	121-1	2.09	2.04	2.14	2.09	2.61	ppb
Arsenic	75-2	691.13	700.55	691.89	694.52	0.75	ppb
Barium	135-1	219.90	211.86	214.22	215.33	1.92	ppb
Barium	137-1	221.05	215.65	218.05	218.25	1.24	ppb
Beryllium	9-1	0.78	0.86	0.80	0.81	5.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.43	2.14	2.38	9.01	ppb
Cadmium	106-1	2.37	0.76	1.84	1.66	49.54	ppb
Cadmium	111-1	0.37	0.19	0.32	0.29	32.10	ppb
Calcium	43-1	17790.33	18441.46	18216.90	18149.56	1.82	ppb
Calcium	44-1	16504.17	16747.60	16883.62	16711.80	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.72	214.29	214.59	213.86	0.47	ppb
Cobalt	59-2	101.21	100.76	100.61	100.86	0.31	ppb
Copper	63-2	5355.70	5339.98	5381.93	5359.20	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	168983.84	169243.32	170256.21	169494.46	0.40	ppb
Iron	57-2	165279.11	165906.61	167303.36	166163.03	0.62	ppb
Iron	54-2	169411.20	169707.86	170301.47	169806.84	0.27	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-07A Instrumnet Name : P7
Client Sample ID : MYD0Y5ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:45:39 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.42	10.81	10.23	10.48	2.85	ppb
Lead	207-1	10.95	11.33	10.91	11.06	2.12	ppb
Lead	208-1	10.56	10.92	10.54	10.67	1.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	39625.69	39632.00	39905.31	39721.00	0.40	ppb
Manganese	55-2	4827.39	4773.20	4787.63	4796.07	0.59	ppb
Molybdenum	94-1	7.70	7.91	7.79	7.80	1.36	ppb
Molybdenum	95-1	1.11	1.14	1.12	1.12	1.13	ppb
Molybdenum	96-1	2.93	2.94	2.94	2.94	0.20	ppb
Molybdenum	97-1	1.04	1.06	1.05	1.05	1.13	ppb
Molybdenum	98-1	1.03	1.04	1.00	1.03	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.49	139.33	139.85	139.56	0.19	ppb
Phosphorus	31-2	694.22	716.67	700.79	703.89	1.64	ppb
Potassium	39-2	617.12	618.43	621.54	619.03	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.79	0.46	0.51	0.59	30.55	ppb
Selenium	77-2	6.45	5.43	7.71	6.53	17.45	ppb
Selenium	78-2	1.85	1.61	0.93	1.46	32.86	ppb
Silicon	28-1	783.77	790.21	778.77	784.25	0.73	ppb
Silver	107-1	2.24	2.15	2.23	2.21	2.20	ppb
Silver	109-1	2.25	2.17	2.27	2.23	2.48	ppb
Sodium	23-2	417.11	414.50	422.56	418.06	0.98	ppb
Strontium	86-1	91.19	93.74	91.10	92.01	1.63	ppb
Strontium	88-1	90.67	90.99	89.45	90.37	0.90	ppb
Sulfur	34-1	-2065.80	-2045.17	-2092.75	-2067.91		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.10	0.10	0.10	7.52	ppb
Thallium	205-1	0.09	0.10	0.11	0.10	12.54	ppb
Tin	118-1	1.80	1.76	1.76	1.77	1.40	ppb
Titanium	47-1	2039.38	2030.25	2045.37	2038.33	0.37	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4296-07A

Instrumnet Name :

P7

Client Sample ID :

MYD0Y5ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:45:39

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.45	0.42	0.44	4.05	ppb
Vanadium	51-2	384.76	381.93	391.38	386.02	1.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	537.67	534.33	538.17	536.72	0.39	ppb
Zirconium	90-1	4.00	4.08	3.93	4.01	1.86	ppb
Zirconium	91-1	4.12	4.30	4.22	4.21	2.20	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4301-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAC1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:48:46

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62524.44	62350.44	62524.05	62466.31	0.16	ppb
Antimony	121-1	2.28	2.32	2.36	2.32	1.75	ppb
Arsenic	75-2	200.42	200.03	196.60	199.01	1.06	ppb
Barium	135-1	217.90	220.94	220.91	219.92	0.80	ppb
Barium	137-1	216.66	220.61	219.73	219.00	0.95	ppb
Beryllium	9-1	1.06	1.13	1.13	1.11	3.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.69	5.64	5.71	5.68	0.66	ppb
Cadmium	106-1	6.03	5.57	5.88	5.82	4.01	ppb
Cadmium	111-1	3.63	3.58	3.64	3.62	0.82	ppb
Calcium	43-1	11956.56	11943.35	12146.03	12015.32	0.94	ppb
Calcium	44-1	10981.47	11154.05	11163.16	11099.56	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.99	205.20	205.63	205.61	0.19	ppb
Cobalt	59-2	124.15	122.45	122.65	123.08	0.76	ppb
Copper	63-2	544.22	551.06	548.55	547.94	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	148782.32	148670.68	147514.63	148322.54	0.47	ppb
Iron	57-2	146749.09	147143.19	147272.42	147054.90	0.19	ppb
Iron	54-2	149343.72	148924.73	148168.20	148812.22	0.40	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4301-09A Instrumnet Name : P7
Client Sample ID : MYDAC1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:48:46 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.09	142.62	145.85	143.19	1.69	ppb
Lead	207-1	141.69	142.36	143.57	142.54	0.67	ppb
Lead	208-1	146.93	149.08	149.59	148.53	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	38975.93	38712.39	38798.44	38828.92	0.35	ppb
Manganese	55-2	2971.82	2953.88	2949.67	2958.46	0.40	ppb
Molybdenum	94-1	15.19	15.70	15.93	15.61	2.45	ppb
Molybdenum	95-1	1.09	1.15	1.11	1.11	2.68	ppb
Molybdenum	96-1	3.44	3.57	3.65	3.55	2.92	ppb
Molybdenum	97-1	1.05	1.11	1.10	1.09	2.77	ppb
Molybdenum	98-1	1.06	1.10	1.11	1.09	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	148.14	147.02	147.23	147.46	0.40	ppb
Phosphorus	31-2	1622.36	1613.79	1591.15	1609.10	1.00	ppb
Potassium	39-2	5972.04	5894.36	5920.31	5928.90	0.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	0.62	1.27	1.14	1.01	34.01	ppb
Selenium	77-2	9.69	12.53	6.97	9.73	28.58	ppb
Selenium	78-2	2.34	2.18	2.94	2.49	16.00	ppb
Silicon	28-1	875.52	880.06	886.54	880.71	0.63	ppb
Silver	107-1	2.96	3.09	3.05	3.03	2.25	ppb
Silver	109-1	3.00	3.08	3.06	3.05	1.36	ppb
Sodium	23-2	216.09	218.87	219.30	218.09	0.80	ppb
Strontium	86-1	62.07	63.11	64.50	63.22	1.92	ppb
Strontium	88-1	61.28	62.16	64.28	62.57	2.46	ppb
Sulfur	34-1	-1605.23	-1615.25	-1629.09	-1616.52		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.28	0.28	0.27	4.94	ppb
Thallium	205-1	0.26	0.27	0.30	0.28	6.21	ppb
Tin	118-1	2.88	3.01	2.99	2.96	2.47	ppb
Titanium	47-1	1874.02	1887.20	1885.17	1882.13	0.38	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4301-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAC1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:48:46

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.68	0.69	0.69	0.93	ppb
Vanadium	51-2	331.27	323.55	326.08	326.96	1.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	397.61	393.08	393.89	394.86	0.61	ppb
Zirconium	90-1	8.55	8.87	8.88	8.77	2.18	ppb
Zirconium	91-1	8.60	8.86	8.93	8.79	1.99	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4302-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAE1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:53:31

DataFile Name :

031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40202.75	40350.14	40488.09	40346.99	0.35	ppb
Antimony	121-1	1.46	1.50	1.52	1.49	1.78	ppb
Arsenic	75-2	121.42	122.48	119.84	121.24	1.10	ppb
Barium	135-1	382.78	390.43	384.32	385.85	1.05	ppb
Barium	137-1	401.01	400.47	397.27	399.58	0.51	ppb
Beryllium	9-1	1.82	1.98	1.89	1.90	4.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.80	1.59	1.65	7.98	ppb
Cadmium	106-1	0.97	0.28	1.12	0.79	56.20	ppb
Cadmium	111-1	1.13	1.04	1.11	1.09	4.37	ppb
Calcium	43-1	14008.51	14738.80	14589.00	14445.44	2.67	ppb
Calcium	44-1	12947.88	13438.03	13447.50	13277.80	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.22	53.29	53.77	53.43	0.56	ppb
Cobalt	59-2	41.41	40.95	41.08	41.15	0.58	ppb
Copper	63-2	101.40	100.95	101.57	101.31	0.31	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				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	102380.77	101266.52	101558.32	101735.20	0.57	ppb
Iron	57-2	101089.14	100316.91	99220.25	100208.77	0.94	ppb
Iron	54-2	101466.02	100561.56	100497.48	100841.69	0.54	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4302-09A Instrumnet Name : P7
Client Sample ID : MYDAE1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:53:31 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.63	77.95	78.34	77.64	1.16	ppb
Lead	207-1	79.53	79.84	81.63	80.33	1.42	ppb
Lead	208-1	77.26	78.29	79.09	78.21	1.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	14615.01	14476.56	14432.86	14508.14	0.66	ppb
Manganese	55-2	1828.60	1790.84	1802.33	1807.26	1.07	ppb
Molybdenum	94-1	15.32	15.78	15.94	15.68	2.05	ppb
Molybdenum	95-1	1.21	1.21	1.27	1.23	2.98	ppb
Molybdenum	96-1	3.30	3.36	3.38	3.35	1.23	ppb
Molybdenum	97-1	1.25	1.19	1.24	1.22	2.78	ppb
Molybdenum	98-1	1.18	1.20	1.27	1.22	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.65	42.06	41.99	41.90	0.52	ppb
Phosphorus	31-2	2560.80	2518.20	2516.31	2531.77	0.99	ppb
Potassium	39-2	8376.63	8252.15	8299.29	8309.36	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.80	0.90	0.68	0.79	13.58	ppb
Selenium	77-2	21.11	21.08	19.84	20.68	3.50	ppb
Selenium	78-2	4.99	4.17	2.71	3.95	29.21	ppb
Silicon	28-1	948.51	966.53	952.66	955.90	0.99	ppb
Silver	107-1	2.57	2.67	2.62	2.62	1.95	ppb
Silver	109-1	2.62	2.62	2.61	2.62	0.25	ppb
Sodium	23-2	261.60	262.88	264.92	263.14	0.64	ppb
Strontium	86-1	78.15	79.65	80.55	79.45	1.52	ppb
Strontium	88-1	79.41	78.95	78.30	78.89	0.71	ppb
Sulfur	34-1	-1501.61	-1438.89	-1581.22	-1507.24		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.35	0.36	0.35	0.36	1.78	ppb
Thallium	205-1	0.35	0.35	0.37	0.36	4.07	ppb
Tin	118-1	2.72	2.85	2.72	2.76	2.67	ppb
Titanium	47-1	1370.67	1439.50	1428.90	1413.02	2.62	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4302-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAE1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:53:31

DataFile Name :

031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.21	1.19	1.19	1.20	ppb
Vanadium	51-2	188.35	188.59	189.10	188.68	0.20	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	337.10	338.14	337.97	337.74	0.17	ppb
Zirconium	90-1	8.68	8.86	9.89	9.15	7.15	ppb
Zirconium	91-1	8.49	8.85	8.97	8.77	2.82	ppb

LB Number :LB133137Operator :Jaswal

Lab Sample ID :CCV020Instrumnet Name :P7

Client Sample ID :CCV020Dilution Factor :1

Date & Time Acquired :2024-10-25 17:03:59DataFile Name :033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48851.67	48707.61	48674.83	48744.71	0.19	ppb
Antimony	121-1	514.94	538.89	517.80	523.88	2.50	ppb
Arsenic	75-2	485.91	482.73	488.95	485.86	0.64	ppb
Barium	135-1	2456.90	2580.58	2499.84	2512.44	2.50	ppb
Barium	137-1	2457.79	2552.24	2523.06	2511.03	1.93	ppb
Beryllium	9-1	541.24	548.33	554.46	548.01	1.21	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	519.46	532.77	520.72	524.32	1.40	ppb
Cadmium	106-1	516.85	537.12	528.35	527.44	1.93	ppb
Cadmium	111-1	507.46	526.29	516.64	516.80	1.82	ppb
Calcium	43-1	251662.33	250967.96	255814.54	252814.94	1.04	ppb
Calcium	44-1	243161.07	248767.31	252846.53	248258.30	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.18	489.02	489.20	490.47	0.48	ppb
Cobalt	59-2	513.21	504.40	511.91	509.84	0.93	ppb
Copper	63-2	4928.72	4920.36	4927.26	4925.45	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	123668.94	124514.27	124719.67	124300.96	0.45	ppb
Iron	57-2	122564.06	124084.32	124285.95	123644.78	0.76	ppb
Iron	54-2	123883.37	124478.36	124888.51	124416.75	0.41	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCV020 Instrumnet Name : P7
Client Sample ID : CCV020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:03:59 DataFile Name : 033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2504.38	2564.61	2587.06	2552.02	1.68	ppb
Lead	207-1	2495.94	2553.50	2584.11	2544.52	1.76	ppb
Lead	208-1	2500.99	2540.16	2564.00	2535.05	1.26	ppb
Lithium	6-1				96		%
Magnesium	24-2	243621.87	245423.14	244067.65	244370.89	0.38	ppb
Manganese	55-2	4859.47	4842.06	4876.76	4859.43	0.36	ppb
Molybdenum	94-1	4869.81	4972.16	5010.70	4950.89	1.47	ppb
Molybdenum	95-1	4873.33	4962.83	5017.95	4951.37	1.47	ppb
Molybdenum	96-1	4850.34	4974.94	5034.08	4953.12	1.89	ppb
Molybdenum	97-1	4802.07	5003.26	5007.22	4937.52	2.38	ppb
Molybdenum	98-1	4821.78	4963.21	4943.29	4909.43	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.23	501.61	494.74	499.19	0.77	ppb
Phosphorus	31-2	9907.75	9977.31	9928.04	9937.70	0.36	ppb
Potassium	39-2	124116.33	124394.35	125745.50	124752.06	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	468.29	479.18	485.47	477.64	1.82	ppb
Selenium	77-2	484.02	469.59	487.01	480.21	1.94	ppb
Selenium	78-2	484.45	471.89	492.42	482.92	2.14	ppb
Silicon	28-1	388.82	389.97	399.60	392.80	1.51	ppb
Silver	107-1	514.95	524.12	507.05	515.37	1.66	ppb
Silver	109-1	514.63	526.24	516.06	518.98	1.22	ppb
Sodium	23-2	242284.40	243459.53	244578.29	243440.74	0.47	ppb
Strontium	86-1	12244.86	12473.82	12508.75	12409.15	1.16	ppb
Strontium	88-1	12091.68	12432.73	12512.16	12345.52	1.81	ppb
Sulfur	34-1	9611.84	9414.69	9661.70	9562.74	1.37	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	509.57	514.43	526.00	516.67	1.63	ppb
Thallium	205-1	510.21	514.15	521.38	515.25	1.10	ppb
Tin	118-1	488.15	512.47	500.62	500.41	2.43	ppb
Titanium	47-1	4909.68	4944.48	4976.17	4943.44	0.67	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCV020

Instrumnet Name :

P7

Client Sample ID :

CCV020

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 17:03:59

DataFile Name :

033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.24	520.06	529.74	518.01	2.49	ppb
Vanadium	51-2	492.83	498.04	498.49	496.45	0.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4878.79	5026.79	4983.09	4962.89	1.53	ppb
Zirconium	90-1	492.05	502.42	501.47	498.64	1.15	ppb
Zirconium	91-1	489.38	495.85	503.74	496.32	1.45	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB020 Instrumnet Name : P7
Client Sample ID : CCB020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:08:20 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-33.32	-33.04	-33.37	-33.25		ppb
Antimony	121-1	0.24	0.25	0.29	0.26	11.03	ppb
Arsenic	75-2	0.03	0.08	0.03	0.04	60.50	ppb
Barium	135-1	0.17	0.17	0.16	0.17	3.18	ppb
Barium	137-1	0.19	0.21	0.16	0.19	13.41	ppb
Beryllium	9-1	0.04	0.06	0.06	0.05	13.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.13	0.03	0.06	92.51	ppb
Cadmium	106-1	-1.32	-1.29	-1.30	-1.30		ppb
Cadmium	111-1	-0.04	-0.03	-0.03	-0.03		ppb
Calcium	43-1	14.37	13.48	7.28	11.71	32.99	ppb
Calcium	44-1	13.99	14.07	12.02	13.36	8.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	8.54	ppb
Copper	63-2	0.30	0.31	0.27	0.30	7.14	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				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	11.95	10.98	11.01	11.31	4.89	ppb
Iron	57-2	10.83	11.35	10.13	10.77	5.67	ppb
Iron	54-2	12.33	11.15	10.30	11.26	9.06	ppb
Krypton	83-1						cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB020 Instrumnet Name : P7
Client Sample ID : CCB020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:08:20 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.26	0.22	0.24	8.48	ppb
Lead	207-1	0.26	0.25	0.21	0.24	11.43	ppb
Lead	208-1	0.24	0.24	0.22	0.24	5.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	17.11	15.68	14.11	15.63	9.60	ppb
Manganese	55-2	0.38	0.33	0.35	0.35	8.20	ppb
Molybdenum	94-1	0.52	0.50	0.51	0.51	1.96	ppb
Molybdenum	95-1	0.48	0.46	0.45	0.46	3.38	ppb
Molybdenum	96-1	0.47	0.47	0.44	0.46	4.11	ppb
Molybdenum	97-1	0.46	0.43	0.40	0.43	6.06	ppb
Molybdenum	98-1	0.47	0.43	0.41	0.44	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-14.01	-16.51	-16.47	-15.67		ppb
Potassium	39-2	18.30	17.61	17.73	17.88	2.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.24	-0.05	-0.24	-0.18		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	0.05	0.66	0.36	86.01	ppb
Silicon	28-1	-0.45	-0.59	-0.64	-0.56		ppb
Silver	107-1	0.06	0.06	0.05	0.06	8.00	ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.61	ppb
Sodium	23-2	40.68	39.05	39.28	39.67	2.22	ppb
Strontium	86-1	0.98	0.94	0.90	0.94	4.49	ppb
Strontium	88-1	0.96	0.90	0.84	0.90	6.16	ppb
Sulfur	34-1	-771.03	-837.85	-836.35	-815.07		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.64	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.62	ppb
Tin	118-1	-0.04	-0.01	0.02	-0.01		ppb
Titanium	47-1	0.39	0.38	0.30	0.36	14.12	ppb

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCB020

Instrumnet Name :

P7

Client Sample ID :

CCB020

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 17:08:20

DataFile Name :

034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	16.21	ppb
Vanadium	51-2	0.05	0.03	0.03	0.03	29.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-1.43	-1.51	-1.40	-1.45		ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.29	ppb
Zirconium	91-1	0.08	0.08	0.08	0.08	4.90	ppb

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:34:05 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11811	12322	12458	12197	2.80	cps
Antimony	121-1	70	83	107	87	21.42	cps
Arsenic	75-2	7	7	0	4	86.60	cps
Barium	135-1	163	173	130	156	14.59	cps
Barium	137-1	280	233	263	259	9.13	cps
Beryllium	9-1	20	27	40	29	34.93	cps
Bismuth	209-1	6395111	6558631	6426538	6460093	1.34	cps
Bismuth	209-2	5305853	5196798	5142354	5215002	1.60	cps
Bromine	81-1	10154	10617	10440	10404	2.25	cps
Bromine	81-2	140	147	147	144	2.67	cps
Cadmium	108-1	17	7	17	13	43.29	cps
Cadmium	106-1	3560	3447	3317	3442	3.54	cps
Cadmium	111-1	2487	2415	2314	2405	3.63	cps
Calcium	43-1	1463	1543	1447	1485	3.48	cps
Calcium	44-1	39362	39406	40131	39633	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1137	1150	1247	1178	5.10	cps
Cobalt	59-2	153	183	123	153	19.57	cps
Copper	63-2	1790	1910	1790	1830	3.79	cps
Dysprosium	156-1	873	807	953	878	8.37	cps
Dysprosium	156-2	143	160	113	139	17.02	cps
Erbium	164-1	103	87	57	82	28.76	cps
Erbium	164-2	67	40	50	52	25.80	cps
Gadolinium	160-1	33	50	47	43	20.36	cps
Gadolinium	160-2	260	337	293	297	12.96	cps
Holmium	165-1	11053871	10776962	10553792	10794875	2.32	cps
Holmium	165-2	7537224	7527292	7403116	7489211	1.00	cps
Indium	115-1	9488782	9386313	9491124	9455406	0.63	cps
Indium	115-2	3270634	3224092	3297221	3263982	1.13	cps
Iron	56-2	24831	24787	25138	24919	0.77	cps
Iron	57-2	2307	2427	2460	2398	3.36	cps
Iron	54-2	2764	2340	2694	2599	8.73	cps
Krypton	83-1	250	303	383	312	21.49	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:34:05 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323	310	250	294	13.27	cps
Lead	207-1	217	233	247	232	6.47	cps
Lead	208-1	1160	1180	1133	1158	2.02	cps
Lithium	6-1	1663423	1667923	1584643	1638663	2.86	cps
Magnesium	24-2	1773	1593	1667	1678	5.40	cps
Manganese	55-2	1167	1267	1097	1177	7.26	cps
Molybdenum	94-1	237	250	297	261	12.07	cps
Molybdenum	95-1	123	80	90	98	23.21	cps
Molybdenum	96-1	163	170	180	171	4.90	cps
Molybdenum	97-1	60	77	83	73	16.39	cps
Molybdenum	98-1	157	150	153	153	2.17	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	263	323	310	299	10.54	cps
Phosphorus	31-2	217	147	173	179	19.75	cps
Potassium	39-2	80431	81332	81497	81087	0.71	cps
Rhodium	103-1	9422174	9330150	9227950	9326758	1.04	cps
Rhodium	103-2	5501901	5512148	5541483	5518511	0.37	cps
Scandium	45-1	6408896	6463032	6380911	6417613	0.65	cps
Scandium	45-2	572533	571208	573456	572399	0.20	cps
Selenium	82-1	594	567	498	553	8.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	417	330	370	372	11.65	cps
Silicon	28-1	354175	352528	354811	353838	0.33	cps
Silver	107-1	70	53	100	74	31.77	cps
Silver	109-1	37	23	27	29	24.03	cps
Sodium	23-2	47416	46426	47617	47153	1.35	cps
Strontium	86-1	473	557	477	502	9.39	cps
Strontium	88-1	727	773	757	752	3.14	cps
Sulfur	34-1	310668	308151	310284	309701	0.44	cps
Terbium	159-1	11331581	11098577	11001594	11143918	1.52	cps
Terbium	159-2	7461942	7440818	7676225	7526328	1.73	cps
Thallium	203-1	100	80	93	91	11.18	cps
Thallium	205-1	220	200	203	208	5.16	cps
Tin	118-1	3394	3287	3147	3276	3.78	cps
Titanium	47-1	170	674	200	348	81.25	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:34:05

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	13	33	33	60.01	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	16726113	16555284	16648369	16643255	0.51	cps
Yttrium	89-2	4204220	4104697	4163482	4157466	1.20	cps
Zinc	66-2	3627	3421	3604	3551	3.19	cps
Zirconium	90-1	593	587	660	613	6.61	cps
Zirconium	91-1	170	147	133	150	12.37	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:37:23 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6855	7082	6772	6903	2.33	cps
Antimony	121-1	19870	20174	20598	20214	1.81	cps
Arsenic	75-2	657	650	637	648	1.57	cps
Barium	135-1	24691	24862	25075	24876	0.77	cps
Barium	137-1	42199	42426	43761	42795	1.97	cps
Beryllium	9-1	2057	2313	1977	2115	8.30	cps
Bismuth	209-1	6165451	6087448	6280104	6177668	1.57	cps
Bismuth	209-2	5242896	5125101	5086370	5151456	1.58	cps
Bromine	81-1	9973	10247	10060	10094	1.38	cps
Bromine	81-2	97	110	110	106	7.29	cps
Cadmium	108-1	217	213	213	214	0.90	cps
Cadmium	106-1	3387	3520	3427	3445	1.99	cps
Cadmium	111-1	4690	5162	4977	4943	4.82	cps
Calcium	43-1	18298	18101	18642	18347	1.49	cps
Calcium	44-1	309583	317870	322311	316588	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12228	12322	12012	12187	1.31	cps
Cobalt	59-2	8746	8603	8509	8619	1.38	cps
Copper	63-2	13433	13009	13740	13394	2.74	cps
Dysprosium	156-1	853	763	803	807	5.59	cps
Dysprosium	156-2	123	170	167	153	16.98	cps
Erbium	164-1	77	70	93	80	15.02	cps
Erbium	164-2	53	53	57	54	3.54	cps
Gadolinium	160-1	67	37	40	48	34.42	cps
Gadolinium	160-2	243	300	250	264	11.71	cps
Holmium	165-1	10117382	10293353	10275338	10228691	0.95	cps
Holmium	165-2	7380164	7278711	7278463	7312446	0.80	cps
Indium	115-1	8754894	9057015	9107919	8973276	2.13	cps
Indium	115-2	3126118	3156430	3162187	3148245	0.62	cps
Iron	56-2	259479	261243	260989	260570	0.37	cps
Iron	57-2	8479	8449	8359	8429	0.74	cps
Iron	54-2	15949	16282	16426	16219	1.51	cps
Krypton	83-1	303	283	283	290	3.98	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:37:23 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6605	6668	6728	6667	0.93	cps
Lead	207-1	5515	6001	5711	5742	4.27	cps
Lead	208-1	25626	27281	26527	26478	3.13	cps
Lithium	6-1	1550198	1595807	1620439	1588815	2.24	cps
Magnesium	24-2	263132	263481	265806	264140	0.55	cps
Manganese	55-2	4861	4757	4911	4843	1.62	cps
Molybdenum	94-1	22691	23042	23716	23150	2.25	cps
Molybdenum	95-1	27907	28538	28965	28470	1.87	cps
Molybdenum	96-1	30589	31501	31487	31192	1.68	cps
Molybdenum	97-1	16883	17544	17664	17364	2.42	cps
Molybdenum	98-1	43959	44895	44765	44540	1.14	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	2494	2517	2514	2508	0.50	cps
Phosphorus	31-2	583	673	620	626	7.24	cps
Potassium	39-2	395664	394963	393483	394703	0.28	cps
Rhodium	103-1	8747638	8730006	8826082	8767909	0.58	cps
Rhodium	103-2	5381876	5433143	5442880	5419300	0.60	cps
Scandium	45-1	5977629	6117966	6200452	6098683	1.85	cps
Scandium	45-2	553247	556758	558137	556047	0.45	cps
Selenium	82-1	1387	1481	1474	1447	3.61	cps
Selenium	77-2	90	90	113	98	13.78	cps
Selenium	78-2	610	717	720	682	9.17	cps
Silicon	28-1	412745	413014	419578	415112	0.93	cps
Silver	107-1	12599	13393	13273	13088	3.27	cps
Silver	109-1	11855	12415	12175	12149	2.31	cps
Sodium	23-2	461594	462849	462875	462439	0.16	cps
Strontium	86-1	4227	4241	4394	4287	2.16	cps
Strontium	88-1	32880	33054	33451	33128	0.88	cps
Sulfur	34-1	309614	310389	309049	309684	0.22	cps
Terbium	159-1	10347235	10770506	10772027	10629922	2.30	cps
Terbium	159-2	7278059	7276651	7301756	7285488	0.19	cps
Thallium	203-1	7936	7852	8009	7932	0.99	cps
Thallium	205-1	18670	19214	19184	19022	1.61	cps
Tin	118-1	43813	45539	46184	45179	2.71	cps
Titanium	47-1	8489	8492	8452	8478	0.26	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:37:23

DataFile Name :

005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23317	23818	23948	23695	1.41	cps
Vanadium	51-2	23492	23588	23588	23556	0.24	cps
Yttrium	89-1	15517988	15658527	15902813	15693109	1.24	cps
Yttrium	89-2	3982513	4026040	4036049	4014867	0.71	cps
Zinc	66-2	6562	6949	6292	6601	5.00	cps
Zirconium	90-1	20000	21105	20404	20503	2.73	cps
Zirconium	91-1	4537	4731	4717	4662	2.32	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:40:43 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308712	304724	301845	305094	1.13	cps
Antimony	121-1	512990	533429	534524	526981	2.30	cps
Arsenic	75-2	32522	32168	32185	32292	0.62	cps
Barium	135-1	654321	677857	672202	668126	1.84	cps
Barium	137-1	1127279	1169838	1175742	1157620	2.28	cps
Beryllium	9-1	103732	107604	106023	105786	1.84	cps
Bismuth	209-1	6264453	6308908	6338232	6303864	0.59	cps
Bismuth	209-2	5059709	5180856	5261294	5167286	1.96	cps
Bromine	81-1	10000	10130	9653	9928	2.48	cps
Bromine	81-2	90	100	60	83	24.98	cps
Cadmium	108-1	10384	10637	10491	10504	1.21	cps
Cadmium	106-1	17541	18232	17868	17880	1.93	cps
Cadmium	111-1	140763	146848	145214	144275	2.18	cps
Calcium	43-1	210776	218443	217459	215559	1.94	cps
Calcium	44-1	3021078	3102571	3077690	3067113	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	273852	272821	275847	274173	0.56	cps
Cobalt	59-2	414763	413556	416687	415002	0.38	cps
Copper	63-2	2939464	2907264	2931501	2926076	0.57	cps
Dysprosium	156-1	853	863	830	849	2.02	cps
Dysprosium	156-2	173	220	270	221	21.86	cps
Erbium	164-1	97	70	83	83	16.00	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	63	47	43	51	20.96	cps
Gadolinium	160-2	273	267	230	257	9.09	cps
Holmium	165-1	10443817	10717257	10441587	10534220	1.50	cps
Holmium	165-2	7385330	7495628	7625829	7502263	1.60	cps
Indium	115-1	9109920	9204741	9029484	9114715	0.96	cps
Indium	115-2	3144080	3219373	3149821	3171091	1.32	cps
Iron	56-2	11535553	11421330	11198404	11385096	1.51	cps
Iron	57-2	307805	303695	302125	304541	0.96	cps
Iron	54-2	688695	684769	676002	683156	0.95	cps
Krypton	83-1	293	277	343	304	11.40	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:40:43 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1817248	1931382	1902227	1883619	3.15	cps
Lead	207-1	1453910	1511935	1515342	1493729	2.31	cps
Lead	208-1	7162778	7347701	7450211	7320230	1.99	cps
Lithium	6-1	1620353	1564898	1641460	1608904	2.46	cps
Magnesium	24-2	2420522	2400300	2403228	2408017	0.45	cps
Manganese	55-2	1911082	1895834	1896390	1901102	0.45	cps
Molybdenum	94-1	2168697	2226120	2223525	2206114	1.47	cps
Molybdenum	95-1	3181742	3290079	3210768	3227530	1.74	cps
Molybdenum	96-1	3498218	3491161	3502682	3497353	0.17	cps
Molybdenum	97-1	1960256	2034251	2029242	2007916	2.06	cps
Molybdenum	98-1	4922049	5208575	5045402	5058675	2.84	cps
Neodymium	150-1	20	60	53	44	48.22	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	106760	105467	104685	105637	0.99	cps
Phosphorus	31-2	16255	16202	15908	16122	1.16	cps
Potassium	39-2	1579014	1590178	1588134	1585775	0.37	cps
Rhodium	103-1	8742744	9093293	9133769	8989935	2.39	cps
Rhodium	103-2	5357962	5467092	5507218	5444091	1.42	cps
Scandium	45-1	6097421	6266206	6214494	6192707	1.40	cps
Scandium	45-2	561201	565691	559053	561982	0.60	cps
Selenium	82-1	9863	10264	10131	10086	2.02	cps
Selenium	77-2	870	903	913	896	2.53	cps
Selenium	78-2	3350	3554	3434	3446	2.97	cps
Silicon	28-1	2515522	2623004	2586755	2575094	2.12	cps
Silver	107-1	706768	730599	729705	722357	1.87	cps
Silver	109-1	660184	687715	688263	678721	2.37	cps
Sodium	23-2	4184916	4187285	4193439	4188547	0.11	cps
Strontium	86-1	4667006	4832928	4750311	4750082	1.75	cps
Strontium	88-1	40589025	41813387	41542246	41314886	1.56	cps
Sulfur	34-1	359980	359645	356411	358679	0.55	cps
Terbium	159-1	10628815	11014250	11065642	10902902	2.19	cps
Terbium	159-2	7433439	7471913	7730416	7545256	2.14	cps
Thallium	203-1	408938	425653	430100	421564	2.65	cps
Thallium	205-1	984261	1025519	1015867	1008549	2.14	cps
Tin	118-1	437414	463420	460448	453761	3.14	cps
Titanium	47-1	938003	961347	966871	955407	1.60	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:40:43

DataFile Name :

006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1244431	1305508	1302886	1284275	2.69	cps
Vanadium	51-2	242403	238157	237981	239514	1.05	cps
Yttrium	89-1	15905144	16295756	16076494	16092465	1.22	cps
Yttrium	89-2	4097247	4025159	4053998	4058801	0.89	cps
Zinc	66-2	457401	456235	460313	457983	0.46	cps
Zirconium	90-1	1004363	1044249	1047855	1032156	2.34	cps
Zirconium	91-1	225297	233306	231680	230094	1.84	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:43:45 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745950	744024	738885	742953	0.49	cps
Antimony	121-1	1346790	1360540	1369162	1358831	0.83	cps
Arsenic	75-2	81093	80118	80229	80480	0.66	cps
Barium	135-1	1772336	1839769	1824792	1812299	1.95	cps
Barium	137-1	3050646	3156589	3164789	3124008	2.04	cps
Beryllium	9-1	268870	274586	276720	273392	1.48	cps
Bismuth	209-1	6417734	6657384	6551909	6542342	1.84	cps
Bismuth	209-2	5279921	5332929	5351327	5321392	0.70	cps
Bromine	81-1	9823	9963	9623	9803	1.74	cps
Bromine	81-2	93	83	100	92	9.10	cps
Cadmium	108-1	26174	27306	27426	26968	2.56	cps
Cadmium	106-1	40841	40791	42124	41252	1.83	cps
Cadmium	111-1	358947	365816	367160	363975	1.21	cps
Calcium	43-1	533620	548999	548417	543679	1.60	cps
Calcium	44-1	7698979	7701073	7693333	7697795	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683099	685803	677557	682153	0.62	cps
Cobalt	59-2	1040564	1031602	1033736	1035301	0.45	cps
Copper	63-2	7428774	7455224	7346185	7410061	0.77	cps
Dysprosium	156-1	877	800	1007	894	11.68	cps
Dysprosium	156-2	247	267	250	254	4.21	cps
Erbium	164-1	97	97	113	102	9.41	cps
Erbium	164-2	53	80	97	77	28.51	cps
Gadolinium	160-1	70	53	73	66	16.35	cps
Gadolinium	160-2	317	303	260	293	10.10	cps
Holmium	165-1	10719335	10740723	10862784	10774280	0.72	cps
Holmium	165-2	7670989	7789942	7677852	7712928	0.87	cps
Indium	115-1	9133556	9233163	9466254	9277658	1.84	cps
Indium	115-2	3150942	3169430	3209406	3176593	0.94	cps
Iron	56-2	28735089	28153147	28580260	28489499	1.06	cps
Iron	57-2	760055	763852	763547	762485	0.28	cps
Iron	54-2	1604485	1567095	1593045	1588208	1.21	cps
Krypton	83-1	330	253	297	293	13.11	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:43:45 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4788490	4920989	5053717	4921065	2.69	cps
Lead	207-1	4225472	4312425	4392872	4310257	1.94	cps
Lead	208-1	19120833	19816136	19993341	19643437	2.35	cps
Lithium	6-1	1628474	1646281	1633135	1635963	0.56	cps
Magnesium	24-2	6039034	5951743	5917506	5969427	1.05	cps
Manganese	55-2	4734600	4693772	4732155	4720175	0.49	cps
Molybdenum	94-1	5491214	5650504	5640138	5593952	1.59	cps
Molybdenum	95-1	7982684	8171956	8365571	8173403	2.34	cps
Molybdenum	96-1	8714001	8989820	8902164	8868662	1.59	cps
Molybdenum	97-1	4985818	5136020	5105806	5075881	1.57	cps
Molybdenum	98-1	12917962	13218524	13181070	13105852	1.25	cps
Neodymium	150-1	57	83	113	84	33.57	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	265425	264288	263728	264480	0.33	cps
Phosphorus	31-2	40153	39945	39965	40021	0.29	cps
Potassium	39-2	3845039	3786030	3785517	3805529	0.90	cps
Rhodium	103-1	8840083	9035394	9115031	8996836	1.57	cps
Rhodium	103-2	5547518	5449688	5373753	5456986	1.60	cps
Scandium	45-1	6104947	6097071	6195968	6132662	0.90	cps
Scandium	45-2	546959	546164	545637	546253	0.12	cps
Selenium	82-1	24629	25065	25529	25074	1.80	cps
Selenium	77-2	2217	2290	2320	2276	2.34	cps
Selenium	78-2	8202	8036	7992	8077	1.37	cps
Silicon	28-1	5277405	5366237	5299443	5314362	0.87	cps
Silver	107-1	1845123	1884617	1868155	1865965	1.06	cps
Silver	109-1	1728816	1745394	1738233	1737481	0.48	cps
Sodium	23-2	10402297	10313531	10413189	10376339	0.53	cps
Strontium	86-1	11993823	12208342	12280172	12160779	1.23	cps
Strontium	88-1	104094978	106150705	107173298	105806327	1.48	cps
Sulfur	34-1	436243	430150	426367	430920	1.16	cps
Terbium	159-1	11096005	11061944	11333365	11163771	1.32	cps
Terbium	159-2	7588274	7580068	7581514	7583285	0.06	cps
Thallium	203-1	1107412	1106195	1110112	1107906	0.18	cps
Thallium	205-1	2820941	2908240	2976553	2901911	2.69	cps
Tin	118-1	1140281	1166054	1179894	1162077	1.73	cps
Titanium	47-1	2325918	2335921	2358915	2340251	0.72	cps

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :S04

Instrumnet Name :P7

Client Sample ID :S04

Dilution Factor :1

Date & Time Acquired :2024-10-25 14:43:45

DataFile Name :007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3722042	3866202	3877571	3821939	2.27	cps
Vanadium	51-2	605220	599956	601622	602266	0.45	cps
Yttrium	89-1	16034761	16269510	16468965	16257745	1.34	cps
Yttrium	89-2	4028925	4018981	4011564	4019823	0.22	cps
Zinc	66-2	1161081	1155472	1155695	1157416	0.27	cps
Zirconium	90-1	2560930	2597363	2608323	2588872	0.96	cps
Zirconium	91-1	570511	586354	589861	582242	1.77	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:46:38 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1384213	1348735	1353481	1362143	1.41	cps
Antimony	121-1	2733493	2761036	2755917	2750148	0.53	cps
Arsenic	75-2	156626	155212	154754	155531	0.63	cps
Barium	135-1	3568204	3624271	3605459	3599311	0.79	cps
Barium	137-1	6059467	6129887	6236715	6142023	1.45	cps
Beryllium	9-1	531535	541016	547015	539856	1.45	cps
Bismuth	209-1	6643169	6692577	6881113	6738953	1.86	cps
Bismuth	209-2	5335697	5352617	5435470	5374595	0.99	cps
Bromine	81-1	9690	9830	9707	9742	0.79	cps
Bromine	81-2	93	127	77	99	25.75	cps
Cadmium	108-1	52521	52123	53338	52661	1.18	cps
Cadmium	106-1	76225	77532	79127	77628	1.87	cps
Cadmium	111-1	708044	720349	730567	719653	1.57	cps
Calcium	43-1	1034605	1055369	1063440	1051138	1.42	cps
Calcium	44-1	14731730	14914236	15147398	14931122	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1309690	1317276	1305997	1310988	0.44	cps
Cobalt	59-2	1974092	1970529	1943679	1962766	0.85	cps
Copper	63-2	13974971	14058973	13985983	14006642	0.33	cps
Dysprosium	156-1	877	1087	1007	990	10.71	cps
Dysprosium	156-2	320	253	347	307	15.68	cps
Erbium	164-1	97	110	127	111	13.53	cps
Erbium	164-2	110	60	73	81	31.92	cps
Gadolinium	160-1	110	90	80	93	16.37	cps
Gadolinium	160-2	320	283	267	290	9.41	cps
Holmium	165-1	10857369	11012009	11263297	11044225	1.86	cps
Holmium	165-2	7894827	7729894	7887659	7837460	1.19	cps
Indium	115-1	9072503	9220918	9332113	9208511	1.41	cps
Indium	115-2	3212720	3164595	3140668	3172661	1.16	cps
Iron	56-2	55384951	54973293	55226308	55194850	0.38	cps
Iron	57-2	1369624	1389521	1386148	1381764	0.77	cps
Iron	54-2	3106768	3080328	3124735	3103944	0.72	cps
Krypton	83-1	333	270	300	301	10.52	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:46:38 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9755100	10103633	10270933	10043222	2.62	cps
Lead	207-1	8551666	8908986	9114459	8858370	3.21	cps
Lead	208-1	39269002	40890505	41197309	40452272	2.56	cps
Lithium	6-1	1673013	1676345	1635246	1661534	1.37	cps
Magnesium	24-2	11512132	11611682	11503492	11542435	0.52	cps
Manganese	55-2	9169209	9149569	9130083	9149620	0.21	cps
Molybdenum	94-1	10881072	11047267	11212547	11046962	1.50	cps
Molybdenum	95-1	15993198	16224985	16326702	16181628	1.06	cps
Molybdenum	96-1	17194081	17665401	17701966	17520483	1.62	cps
Molybdenum	97-1	9868995	10105689	10140597	10038427	1.47	cps
Molybdenum	98-1	25506669	25871126	26033608	25803801	1.05	cps
Neodymium	150-1	203	140	113	152	30.37	cps
Neodymium	150-2	47	57	67	57	17.65	cps
Nickel	60-2	505507	503258	502219	503661	0.33	cps
Phosphorus	31-2	75917	75223	75974	75705	0.55	cps
Potassium	39-2	7289055	7263195	7226199	7259483	0.44	cps
Rhodium	103-1	8891841	8837013	9022218	8917024	1.07	cps
Rhodium	103-2	5375577	5382876	5342891	5367115	0.40	cps
Scandium	45-1	6066717	6034652	6002322	6034564	0.53	cps
Scandium	45-2	538316	537082	532264	535887	0.60	cps
Selenium	82-1	47975	49000	48730	48568	1.09	cps
Selenium	77-2	4714	4504	4664	4627	2.37	cps
Selenium	78-2	15745	15345	14954	15348	2.58	cps
Silicon	28-1	10148785	10253414	10389374	10263858	1.18	cps
Silver	107-1	3655078	3668804	3698745	3674209	0.61	cps
Silver	109-1	3343198	3449458	3486696	3426451	2.17	cps
Sodium	23-2	20063851	20001188	19973631	20012890	0.23	cps
Strontium	86-1	23540256	23681485	24247424	23823055	1.57	cps
Strontium	88-1	204501250	206934284	210232277	207222604	1.39	cps
Sulfur	34-1	545876	549206	545059	546714	0.40	cps
Terbium	159-1	11293990	11429072	11569430	11430831	1.20	cps
Terbium	159-2	7644117	7721215	7706494	7690608	0.53	cps
Thallium	203-1	2483987	2510837	2549629	2514818	1.31	cps
Thallium	205-1	5812519	5928442	6165820	5968927	3.02	cps
Tin	118-1	2285223	2348072	2362972	2332089	1.77	cps
Titanium	47-1	4466249	4521533	4579579	4522454	1.25	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:46:38 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7667561	7704382	7834685	7735543	1.14	cps
Vanadium	51-2	1171551	1156258	1160538	1162782	0.68	cps
Yttrium	89-1	16062442	16130454	16345901	16179599	0.91	cps
Yttrium	89-2	3994740	4043287	4024181	4020736	0.61	cps
Zinc	66-2	2211583	2198776	2195297	2201885	0.39	cps
Zirconium	90-1	4963625	5087532	5126938	5059365	1.68	cps
Zirconium	91-1	1125807	1149318	1168347	1147824	1.86	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:49:25 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2657825	2683304	2662605	2667911	0.51	cps
Antimony	121-1	5447786	5505002	5578595	5510461	1.19	cps
Arsenic	75-2	308317	308483	309459	308753	0.20	cps
Barium	135-1	7029948	7262214	7248542	7180235	1.82	cps
Barium	137-1	12129914	12331115	12609241	12356757	1.95	cps
Beryllium	9-1	1051200	1069376	1078825	1066467	1.32	cps
Bismuth	209-1	6722401	6737011	6944111	6801174	1.82	cps
Bismuth	209-2	5360630	5381192	5236236	5326020	1.47	cps
Bromine	81-1	10050	9530	10097	9892	3.18	cps
Bromine	81-2	77	93	87	86	9.80	cps
Cadmium	108-1	102865	104486	106625	104659	1.80	cps
Cadmium	106-1	148278	150759	153855	150964	1.85	cps
Cadmium	111-1	1397121	1430433	1433080	1420212	1.41	cps
Calcium	43-1	1956944	1965738	1939897	1954193	0.67	cps
Calcium	44-1	28949629	29321804	29582345	29284593	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2511955	2498999	2509049	2506668	0.27	cps
Cobalt	59-2	3898426	3837967	3878482	3871625	0.80	cps
Copper	63-2	27986655	27482665	27596723	27688681	0.95	cps
Dysprosium	156-1	1070	1040	1033	1048	1.86	cps
Dysprosium	156-2	563	533	470	522	9.12	cps
Erbium	164-1	150	140	173	154	11.08	cps
Erbium	164-2	97	80	123	100	21.86	cps
Gadolinium	160-1	120	107	127	118	8.65	cps
Gadolinium	160-2	360	323	363	349	6.36	cps
Holmium	165-1	11246445	11375025	11284534	11302001	0.58	cps
Holmium	165-2	7970278	7795814	7769926	7845339	1.39	cps
Indium	115-1	8916358	9077688	9121990	9038679	1.20	cps
Indium	115-2	3112873	3128047	3138600	3126506	0.41	cps
Iron	56-2	109142122	109069618	109214678	109142139	0.07	cps
Iron	57-2	2742470	2735540	2682070	2720027	1.22	cps
Iron	54-2	6050362	6112203	6098937	6087167	0.53	cps
Krypton	83-1	243	310	257	270	13.07	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:49:25 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19732606	20398818	20371809	20167744	1.87	cps
Lead	207-1	17412463	17831488	18113966	17785973	1.98	cps
Lead	208-1	79108977	81601889	82836898	81182588	2.34	cps
Lithium	6-1	1666498	1621521	1688398	1658806	2.06	cps
Magnesium	24-2	22623725	22646706	22679486	22649972	0.12	cps
Manganese	55-2	18071904	18193693	18055174	18106924	0.42	cps
Molybdenum	94-1	21833448	21846361	22285231	21988346	1.17	cps
Molybdenum	95-1	31614721	32229395	32584924	32143013	1.53	cps
Molybdenum	96-1	34363130	34734158	35172359	34756549	1.17	cps
Molybdenum	97-1	19695204	19922658	20146895	19921585	1.13	cps
Molybdenum	98-1	50397373	51405189	51590774	51131112	1.26	cps
Neodymium	150-1	337	360	320	339	5.93	cps
Neodymium	150-2	80	80	73	78	4.95	cps
Nickel	60-2	988671	985627	985027	986442	0.20	cps
Phosphorus	31-2	149852	148034	148478	148788	0.64	cps
Potassium	39-2	14266774	14121628	14260674	14216359	0.58	cps
Rhodium	103-1	8812011	8760622	8825205	8799279	0.39	cps
Rhodium	103-2	5321995	5279378	5270220	5290531	0.52	cps
Scandium	45-1	5881914	5979311	5942777	5934667	0.83	cps
Scandium	45-2	529634	528772	528443	528950	0.12	cps
Selenium	82-1	94130	95744	95953	95276	1.05	cps
Selenium	77-2	9043	9196	8756	8998	2.48	cps
Selenium	78-2	29767	30211	30131	30036	0.79	cps
Silicon	28-1	19722321	20070046	20172436	19988267	1.18	cps
Silver	107-1	7105638	7255138	7274835	7211870	1.28	cps
Silver	109-1	6696413	6780589	6799734	6758912	0.81	cps
Sodium	23-2	39196551	39436469	39089287	39240769	0.45	cps
Strontium	86-1	46537288	47479639	47569184	47195370	1.21	cps
Strontium	88-1	402307594	413158514	414463007	409976372	1.63	cps
Sulfur	34-1	780141	778662	783116	780640	0.29	cps
Terbium	159-1	11599097	11586123	11795880	11660367	1.01	cps
Terbium	159-2	7757286	7830666	7821202	7803051	0.51	cps
Thallium	203-1	4886804	5072712	5164083	5041200	2.80	cps
Thallium	205-1	11724783	12034750	12158761	11972765	1.87	cps
Tin	118-1	4592901	4638551	4738415	4656623	1.60	cps
Titanium	47-1	8805043	8875416	9003410	8894623	1.13	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 14:49:25

DataFile Name :

009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15737441	16108737	16419116	16088432	2.12	cps
Vanadium	51-2	2241492	2216774	2200555	2219607	0.93	cps
Yttrium	89-1	15986980	16125710	16163563	16092084	0.58	cps
Yttrium	89-2	3951474	3975128	4010276	3978959	0.74	cps
Zinc	66-2	4329528	4304598	4392695	4342274	1.05	cps
Zirconium	90-1	9959665	10178632	10247287	10128528	1.48	cps
Zirconium	91-1	2182694	2254231	2273773	2236899	2.14	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:52:13 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5564002	5553175	5475661	5530946	0.87	cps
Antimony	121-1	10948763	11433108	11457245	11279705	2.54	cps
Arsenic	75-2	640993	643363	635206	639854	0.66	cps
Barium	135-1	14474496	14985476	15019046	14826339	2.06	cps
Barium	137-1	25371520	25406619	25659078	25479072	0.62	cps
Beryllium	9-1	1967511	2013949	1999325	1993595	1.19	cps
Bismuth	209-1	6872538	6864984	6998805	6912109	1.09	cps
Bismuth	209-2	5280337	5376843	5347165	5334782	0.93	cps
Bromine	81-1	9880	10110	10350	10114	2.33	cps
Bromine	81-2	80	83	77	80	4.16	cps
Cadmium	108-1	207584	213685	212131	211133	1.50	cps
Cadmium	106-1	298002	302496	307208	302569	1.52	cps
Cadmium	111-1	2875652	2901597	2945214	2907488	1.21	cps
Calcium	43-1	3926384	4057357	4070285	4018009	1.98	cps
Calcium	44-1	59060201	60925952	60749044	60245066	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5103117	5152854	5161225	5139065	0.61	cps
Cobalt	59-2	7910251	7825963	7898107	7878107	0.58	cps
Copper	63-2	56555252	56555044	56294046	56468114	0.27	cps
Dysprosium	156-1	1077	1160	1203	1147	5.61	cps
Dysprosium	156-2	797	887	820	834	5.60	cps
Erbium	164-1	237	183	253	224	16.29	cps
Erbium	164-2	237	173	137	182	27.76	cps
Gadolinium	160-1	173	120	157	150	18.19	cps
Gadolinium	160-2	360	373	297	343	11.93	cps
Holmium	165-1	11662629	11605478	11691224	11653110	0.37	cps
Holmium	165-2	7905579	8119980	8062505	8029355	1.38	cps
Indium	115-1	9243824	9250795	9211363	9235327	0.23	cps
Indium	115-2	3140833	3138741	3123974	3134516	0.29	cps
Iron	56-2	225135130	225099003	222574963	224269699	0.65	cps
Iron	57-2	5520685	5578064	5524610	5541120	0.58	cps
Iron	54-2	12523920	12566044	12461166	12517043	0.42	cps
Krypton	83-1	377	340	360	359	5.12	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:52:13 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39428319	41395607	40654817	40492914	2.45	cps
Lead	207-1	35633886	36443565	35944215	36007222	1.13	cps
Lead	208-1	162552730	166173028	165416841	164714199	1.16	cps
Lithium	6-1	1697794	1652474	1660541	1670270	1.45	cps
Magnesium	24-2	46864519	47019958	46204714	46696397	0.93	cps
Manganese	55-2	37480229	37394183	37010784	37295065	0.67	cps
Molybdenum	94-1	44769614	45045196	45503836	45106215	0.82	cps
Molybdenum	95-1	65659782	66970784	66891262	66507276	1.11	cps
Molybdenum	96-1	70791272	73126707	71728649	71882209	1.63	cps
Molybdenum	97-1	40535113	41760906	41065401	41120473	1.49	cps
Molybdenum	98-1	104668635	107155888	106769062	106197862	1.26	cps
Neodymium	150-1	687	683	703	691	1.55	cps
Neodymium	150-2	153	180	143	159	11.93	cps
Nickel	60-2	2037354	2030074	2002466	2023298	0.91	cps
Phosphorus	31-2	309261	311324	306562	309049	0.77	cps
Potassium	39-2	29652814	29612823	29067207	29444281	1.11	cps
Rhodium	103-1	8792098	8861032	8723058	8792063	0.78	cps
Rhodium	103-2	5387561	5335048	5351804	5358138	0.50	cps
Scandium	45-1	6123557	6164226	6137389	6141724	0.34	cps
Scandium	45-2	548462	555635	545841	549979	0.92	cps
Selenium	82-1	190405	196019	196870	194432	1.81	cps
Selenium	77-2	19116	18822	18548	18829	1.51	cps
Selenium	78-2	61909	61383	61665	61652	0.43	cps
Silicon	28-1	38321369	38623267	39113833	38686156	1.03	cps
Silver	107-1	14331315	14507292	14834483	14557697	1.75	cps
Silver	109-1	13274535	13571970	13807941	13551482	1.97	cps
Sodium	23-2	81780695	82312200	80395257	81496051	1.21	cps
Strontium	86-1	96129639	97988152	99579009	97898933	1.76	cps
Strontium	88-1	838387428	856674227	866736787	853932814	1.68	cps
Sulfur	34-1	1316449	1357196	1331115	1334920	1.55	cps
Terbium	159-1	11919376	11879814	11884094	11894428	0.18	cps
Terbium	159-2	8163132	8060609	7941432	8055058	1.38	cps
Thallium	203-1	10211224	10223947	10304886	10246686	0.50	cps
Thallium	205-1	24116417	24438433	24265030	24273294	0.66	cps
Tin	118-1	9504640	9707326	9642321	9618096	1.08	cps
Titanium	47-1	18163815	18659015	18599098	18473976	1.46	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:52:13 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32243131	33476383	32445804	32721773	2.02	cps
Vanadium	51-2	4540567	4581270	4607219	4576352	0.73	cps
Yttrium	89-1	16403104	16544476	16719690	16555757	0.96	cps
Yttrium	89-2	4054764	4081271	4084906	4073647	0.40	cps
Zinc	66-2	8860586	8846327	8808089	8838334	0.31	cps
Zirconium	90-1	20428619	20912581	21073501	20804900	1.61	cps
Zirconium	91-1	4555405	4661281	4636001	4617562	1.20	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:54:59 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28217749	28192841	27992561	28134384	0.44	cps
Antimony	121-1	8166	7832	8066	8021	2.13	cps
Arsenic	75-2	387	383	313	361	11.47	cps
Barium	135-1	6255	6191	5461	5969	7.39	cps
Barium	137-1	10697	10364	10094	10385	2.91	cps
Beryllium	9-1	272	278	177	242	23.50	cps
Bismuth	209-1	6112047	5905571	5870920	5962846	2.19	cps
Bismuth	209-2	4700765	4705593	4770069	4725476	0.82	cps
Bromine	81-1	10914	11111	10951	10992	0.95	cps
Bromine	81-2	107	173	147	142	23.59	cps
Cadmium	108-1	73	97	73	81	16.61	cps
Cadmium	106-1	3220	3384	3154	3253	3.64	cps
Cadmium	111-1	2593	2674	2530	2599	2.79	cps
Calcium	43-1	16904492	17055322	16836425	16932080	0.66	cps
Calcium	44-1	276069756	278160796	277066036	277098863	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17143	17036	16679	16953	1.43	cps
Cobalt	59-2	20861	21112	20334	20769	1.91	cps
Copper	63-2	10947	11118	11284	11116	1.52	cps
Dysprosium	156-1	1223	1150	1280	1218	5.35	cps
Dysprosium	156-2	420	457	563	480	15.51	cps
Erbium	164-1	443	423	413	427	3.58	cps
Erbium	164-2	370	323	337	343	7.00	cps
Gadolinium	160-1	407	350	390	382	7.62	cps
Gadolinium	160-2	543	523	520	529	2.39	cps
Holmium	165-1	11153132	10917590	10789162	10953295	1.69	cps
Holmium	165-2	7694989	7627049	7692092	7671377	0.50	cps
Indium	115-1	8856725	8849230	8773177	8826378	0.52	cps
Indium	115-2	3137881	3074494	3079733	3097370	1.14	cps
Iron	56-2	1069659664	1076034571	1066553797	1070749344	0.45	cps
Iron	57-2	26726241	26820743	26816760	26787915	0.20	cps
Iron	54-2	59432621	58971354	58581186	58995054	0.72	cps
Krypton	83-1	297	360	383	347	12.94	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 14:54:59 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7012	6932	6628	6857	2.95	cps
Lead	207-1	6248	5931	5448	5876	6.86	cps
Lead	208-1	28512	26954	25196	26887	6.17	cps
Lithium	6-1	1556819	1592133	1608600	1585851	1.67	cps
Magnesium	24-2	234531363	234397490	233625843	234184899	0.21	cps
Manganese	55-2	18708	18942	18114	18588	2.30	cps
Molybdenum	94-1	10974	10357	9967	10433	4.87	cps
Molybdenum	95-1	9973	9310	9006	9430	5.25	cps
Molybdenum	96-1	21673	21045	20291	21003	3.29	cps
Molybdenum	97-1	6348	5811	5561	5907	6.81	cps
Molybdenum	98-1	15465	14290	13723	14493	6.13	cps
Neodymium	150-1	237	210	223	223	5.97	cps
Neodymium	150-2	133	123	133	130	4.44	cps
Nickel	60-2	7745	7685	7435	7622	2.16	cps
Phosphorus	31-2	287	270	237	264	9.63	cps
Potassium	39-2	151516261	150838531	150702348	151019047	0.29	cps
Rhodium	103-1	8194708	8015889	7928199	8046266	1.69	cps
Rhodium	103-2	4978885	4955059	4900406	4944783	0.81	cps
Scandium	45-1	6141579	6129822	6144270	6138557	0.13	cps
Scandium	45-2	550449	552710	548974	550711	0.34	cps
Selenium	82-1	753	703	680	712	5.24	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	370	343	383	366	5.57	cps
Silicon	28-1	435594	426516	413762	425290	2.58	cps
Silver	107-1	2327	1897	1800	2008	13.96	cps
Silver	109-1	2023	1570	1607	1733	14.53	cps
Sodium	23-2	401552847	401988927	399171101	400904292	0.38	cps
Strontium	86-1	17017	15885	15612	16171	4.61	cps
Strontium	88-1	145684	136345	129353	137127	5.97	cps
Sulfur	34-1	256671	258512	262544	259242	1.16	cps
Terbium	159-1	11636895	11496444	11244512	11459284	1.73	cps
Terbium	159-2	7533558	7561611	7584781	7559983	0.34	cps
Thallium	203-1	1390	1147	973	1170	17.89	cps
Thallium	205-1	3220	2694	2447	2787	14.18	cps
Tin	118-1	5775	5725	6045	5848	2.95	cps
Titanium	47-1	2367	2327	2224	2306	3.21	cps

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-10-25 14:54:59

DataFile Name :011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1727	1660	1330	1572	13.51	cps
Vanadium	51-2	870	867	923	887	3.59	cps
Yttrium	89-1	16066403	15922897	16105806	16031702	0.60	cps
Yttrium	89-2	4062507	4037272	3983866	4027882	1.00	cps
Zinc	66-2	7210	7234	7242	7229	0.23	cps
Zirconium	90-1	12692	12385	11822	12300	3.59	cps
Zirconium	91-1	2780	2767	2727	2758	1.01	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P7
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:00:18 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151970	152428	150870	151756	0.53	cps
Antimony	121-1	2110851	2175838	2205735	2164142	2.24	cps
Arsenic	75-2	127603	126890	126819	127104	0.34	cps
Barium	135-1	257028	265883	266636	263182	2.03	cps
Barium	137-1	446634	459100	462390	456041	1.82	cps
Beryllium	9-1	187409	194653	193216	191759	2.00	cps
Bismuth	209-1	6417255	6593554	6491575	6500795	1.36	cps
Bismuth	209-2	5286519	5362253	5457697	5368823	1.60	cps
Bromine	81-1	9957	10060	10054	10023	0.58	cps
Bromine	81-2	97	87	80	88	9.56	cps
Cadmium	108-1	18569	19173	19393	19045	2.24	cps
Cadmium	106-1	28301	28632	29233	28722	1.64	cps
Cadmium	111-1	277861	288797	285037	283898	1.96	cps
Calcium	43-1	69474	71541	71722	70912	1.76	cps
Calcium	44-1	1154439	1180562	1181361	1172121	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540667	543112	539124	540967	0.37	cps
Cobalt	59-2	822424	821308	820279	821337	0.13	cps
Copper	63-2	555036	549477	549664	551392	0.57	cps
Dysprosium	156-1	617	810	700	709	13.68	cps
Dysprosium	156-2	157	143	163	154	6.59	cps
Erbium	164-1	80	93	70	81	14.43	cps
Erbium	164-2	60	87	60	69	22.35	cps
Gadolinium	160-1	57	50	50	52	7.37	cps
Gadolinium	160-2	347	287	317	317	9.47	cps
Holmium	165-1	10582272	10708945	10762264	10684494	0.87	cps
Holmium	165-2	7694189	7485944	7685611	7621915	1.55	cps
Indium	115-1	9107024	9162918	9304363	9191435	1.11	cps
Indium	115-2	3252435	3150471	3197785	3200231	1.59	cps
Iron	56-2	8800275	8768273	8785293	8784613	0.18	cps
Iron	57-2	235703	236423	237500	236542	0.38	cps
Iron	54-2	540730	535404	532217	536117	0.80	cps
Krypton	83-1	300	270	300	290	5.97	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P7
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:00:18 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1449070	1497698	1498658	1481809	1.91	cps
Lead	207-1	1219182	1257789	1274828	1250600	2.28	cps
Lead	208-1	5981289	6166326	6196107	6114574	1.90	cps
Lithium	6-1	1540555	1590365	1630306	1587076	2.83	cps
Magnesium	24-2	579766	578054	577454	578425	0.21	cps
Manganese	55-2	384959	387572	384882	385804	0.40	cps
Molybdenum	94-1	4804	4124	4064	4331	9.49	cps
Molybdenum	95-1	817	793	773	794	2.73	cps
Molybdenum	96-1	1663	1647	1657	1656	0.51	cps
Molybdenum	97-1	510	460	483	484	5.17	cps
Molybdenum	98-1	1177	1340	1217	1245	6.84	cps
Neodymium	150-1	20	10	30	20	50.00	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	209743	212355	210878	210992	0.62	cps
Phosphorus	31-2	177	203	200	193	7.52	cps
Potassium	39-2	1209963	1225268	1211304	1215512	0.70	cps
Rhodium	103-1	8863400	9071625	8896438	8943821	1.25	cps
Rhodium	103-2	5504533	5493971	5401947	5466817	1.03	cps
Scandium	45-1	5989836	6168276	6068188	6075433	1.47	cps
Scandium	45-2	552573	548359	545340	548757	0.66	cps
Selenium	82-1	38509	39607	39816	39310	1.79	cps
Selenium	77-2	3681	3594	3821	3698	3.09	cps
Selenium	78-2	13149	12886	12512	12849	2.49	cps
Silicon	28-1	357044	365624	365407	362692	1.35	cps
Silver	107-1	671054	695895	704461	690470	2.51	cps
Silver	109-1	635609	656787	658759	650385	1.97	cps
Sodium	23-2	1582758	1587642	1594003	1588134	0.36	cps
Strontium	86-1	1880	1950	1670	1833	7.95	cps
Strontium	88-1	11728	12242	11551	11840	3.03	cps
Sulfur	34-1	275888	270040	266723	270883	1.71	cps
Terbium	159-1	10931124	11071971	11170268	11057787	1.09	cps
Terbium	159-2	7693275	7502482	7564690	7586816	1.28	cps
Thallium	203-1	1994419	2066485	2058742	2039882	1.94	cps
Thallium	205-1	4765041	4812462	4906592	4828032	1.49	cps
Tin	118-1	2760	3097	3250	3036	8.26	cps
Titanium	47-1	343	437	430	403	12.91	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICV005 Instrumnet Name : P7
Client Sample ID : ICV005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:00:18 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	173	233	150	186	23.17	cps
Vanadium	51-2	465767	465078	462730	464525	0.34	cps
Yttrium	89-1	15726393	15871986	16052269	15883549	1.03	cps
Yttrium	89-2	4117494	4042472	4011401	4057122	1.34	cps
Zinc	66-2	179456	178530	179182	179056	0.27	cps
Zirconium	90-1	11835	10437	9937	10736	9.16	cps
Zirconium	91-1	2980	2537	2367	2628	12.05	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P7
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:03:31 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1913	1840	1953	1902	3.02	cps
Antimony	121-1	1750	1760	1963	1825	6.60	cps
Arsenic	75-2	30	20	37	29	29.04	cps
Barium	135-1	283	267	280	277	3.19	cps
Barium	137-1	517	563	513	531	5.26	cps
Beryllium	9-1	54	51	71	58	18.22	cps
Bismuth	209-1	6578631	6713264	6648726	6646874	1.01	cps
Bismuth	209-2	5373596	5393430	5455450	5407492	0.79	cps
Bromine	81-1	10537	10574	10390	10500	0.92	cps
Bromine	81-2	87	100	107	98	10.41	cps
Cadmium	108-1	0	33	10	14	118.42	cps
Cadmium	106-1	3190	3320	3244	3252	2.01	cps
Cadmium	111-1	2297	2348	2307	2317	1.16	cps
Calcium	43-1	470	500	513	494	4.49	cps
Calcium	44-1	25302	24394	24624	24774	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1380	1377	1403	1387	1.05	cps
Cobalt	59-2	233	263	307	268	13.77	cps
Copper	63-2	1313	1400	1367	1360	3.21	cps
Dysprosium	156-1	643	607	660	637	4.29	cps
Dysprosium	156-2	177	100	140	139	27.61	cps
Erbium	164-1	67	70	90	76	16.70	cps
Erbium	164-2	63	60	60	61	3.15	cps
Gadolinium	160-1	43	50	50	48	8.06	cps
Gadolinium	160-2	253	270	237	253	6.58	cps
Holmium	165-1	10794195	10906762	10995577	10898844	0.93	cps
Holmium	165-2	7703720	7681417	7730389	7705175	0.32	cps
Indium	115-1	9288136	9312007	9423997	9341380	0.78	cps
Indium	115-2	3275094	3224740	3311955	3270596	1.34	cps
Iron	56-2	26557	27315	26804	26892	1.44	cps
Iron	57-2	2234	2230	2187	2217	1.17	cps
Iron	54-2	3194	2924	3177	3098	4.88	cps
Krypton	83-1	277	290	333	300	9.88	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICB005 Instrumnet Name : P7
Client Sample ID : ICB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:03:31 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110	853	963	976	13.20	cps
Lead	207-1	960	900	777	879	10.64	cps
Lead	208-1	4257	3764	3610	3877	8.72	cps
Lithium	6-1	1609114	1632524	1615789	1619143	0.74	cps
Magnesium	24-2	1443	1477	1550	1490	3.66	cps
Manganese	55-2	870	943	880	898	4.43	cps
Molybdenum	94-1	1587	1660	1527	1591	4.20	cps
Molybdenum	95-1	443	507	500	483	7.20	cps
Molybdenum	96-1	763	777	730	757	3.18	cps
Molybdenum	97-1	307	293	293	298	2.58	cps
Molybdenum	98-1	677	663	787	709	9.55	cps
Neodymium	150-1	33	13	10	19	66.81	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	323	253	240	272	16.44	cps
Phosphorus	31-2	143	167	187	166	13.10	cps
Potassium	39-2	78665	78832	79318	78939	0.43	cps
Rhodium	103-1	9063501	9042412	9139787	9081900	0.56	cps
Rhodium	103-2	5590311	5588784	5608066	5595720	0.19	cps
Scandium	45-1	6051918	6155691	6134152	6113920	0.90	cps
Scandium	45-2	550326	546823	549728	548959	0.34	cps
Selenium	82-1	557	506	498	520	6.14	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	367	380	397	381	3.94	cps
Silicon	28-1	350899	352825	352415	352046	0.29	cps
Silver	107-1	677	527	443	549	21.54	cps
Silver	109-1	600	443	417	487	20.35	cps
Sodium	23-2	44384	45233	43979	44532	1.44	cps
Strontium	86-1	750	853	760	788	7.23	cps
Strontium	88-1	3104	2920	2830	2951	4.72	cps
Sulfur	34-1	271249	271360	267555	270054	0.80	cps
Terbium	159-1	11042678	11170062	11304637	11172459	1.17	cps
Terbium	159-2	7691998	7631818	7575111	7632976	0.77	cps
Thallium	203-1	617	563	563	581	5.30	cps
Thallium	205-1	1503	1227	1320	1350	10.43	cps
Tin	118-1	2520	2660	2754	2645	4.44	cps
Titanium	47-1	290	230	287	269	12.54	cps

LB Number :LB133137

Operator :Jaswal

Lab Sample ID :ICB005

Instrumnet Name :P7

Client Sample ID :ICB005

Dilution Factor :1

Date & Time Acquired :2024-10-25 15:03:31

DataFile Name :013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143	153	130	142	8.23	cps
Vanadium	51-2	17	37	70	41	65.53	cps
Yttrium	89-1	16083211	16096350	16207514	16129025	0.42	cps
Yttrium	89-2	4158265	4133617	4114576	4135486	0.53	cps
Zinc	66-2	1104	1084	1177	1122	4.39	cps
Zirconium	90-1	3387	3380	3537	3435	2.58	cps
Zirconium	91-1	800	867	800	822	4.68	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P7
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:14:06 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25878255	25831330	26014314	25907967	0.37	cps
Antimony	121-1	12679	12392	12993	12688	2.37	cps
Arsenic	75-2	260	240	233	244	5.68	cps
Barium	135-1	4164	4201	3967	4111	3.05	cps
Barium	137-1	7389	7375	7379	7381	0.09	cps
Beryllium	9-1	637	657	590	628	5.44	cps
Bismuth	209-1	6565478	6590473	6537319	6564424	0.41	cps
Bismuth	209-2	5130803	5252449	5269411	5217554	1.45	cps
Bromine	81-1	11638	11278	11465	11460	1.57	cps
Bromine	81-2	233	237	257	242	5.21	cps
Cadmium	108-1	1623	1477	1520	1540	4.89	cps
Cadmium	106-1	2680	3010	3187	2959	8.69	cps
Cadmium	111-1	2643	3037	2974	2885	7.33	cps
Calcium	43-1	3360277	3400774	3409635	3390229	0.78	cps
Calcium	44-1	55064981	55106991	55618663	55263545	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109705	108929	109098	109244	0.37	cps
Cobalt	59-2	10337	10450	10467	10418	0.68	cps
Copper	63-2	45670	44743	44981	45131	1.07	cps
Dysprosium	156-1	597	527	643	589	9.97	cps
Dysprosium	156-2	127	167	150	148	13.60	cps
Erbium	164-1	133	120	127	127	5.27	cps
Erbium	164-2	77	70	103	83	21.17	cps
Gadolinium	160-1	73	103	60	79	28.13	cps
Gadolinium	160-2	330	347	357	344	3.91	cps
Holmium	165-1	11546078	11484752	11279214	11436681	1.22	cps
Holmium	165-2	7982707	7994412	8145868	8040996	1.13	cps
Indium	115-1	9193920	9477736	9336294	9335983	1.52	cps
Indium	115-2	3304239	3207313	3285871	3265808	1.58	cps
Iron	56-2	436250460	440711260	439947647	438969789	0.54	cps
Iron	57-2	10824730	11016436	10863112	10901426	0.93	cps
Iron	54-2	24327321	24340558	24410765	24359548	0.18	cps
Krypton	83-1	327	283	250	287	13.41	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P7
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:14:06 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32937	33755	33408	33366	1.23	cps
Lead	207-1	26476	27161	26623	26753	1.35	cps
Lead	208-1	123885	127478	126579	125981	1.48	cps
Lithium	6-1	1575226	1675091	1614161	1621492	3.10	cps
Magnesium	24-2	46353608	46730986	46169288	46417960	0.62	cps
Manganese	55-2	33898	33247	34299	33815	1.57	cps
Molybdenum	94-1	6571993	6566035	6602323	6580117	0.30	cps
Molybdenum	95-1	11499978	11613741	11766479	11626732	1.15	cps
Molybdenum	96-1	12165149	12413741	12496179	12358356	1.39	cps
Molybdenum	97-1	7108513	7211465	7256648	7192209	1.06	cps
Molybdenum	98-1	18330007	18394395	18438356	18387586	0.30	cps
Neodymium	150-1	60	83	50	64	26.54	cps
Neodymium	150-2	30	23	20	24	20.83	cps
Nickel	60-2	11471	11661	11678	11603	0.99	cps
Phosphorus	31-2	1490448	1468600	1452139	1470396	1.31	cps
Potassium	39-2	57691967	58248049	58106864	58015627	0.50	cps
Rhodium	103-1	8889332	8847119	8885841	8874097	0.26	cps
Rhodium	103-2	5371016	5423177	5393789	5395994	0.48	cps
Scandium	45-1	6305067	6292412	6266136	6287871	0.32	cps
Scandium	45-2	561178	561465	559265	560636	0.21	cps
Selenium	82-1	562	603	577	581	3.56	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	300	390	357	349	13.04	cps
Silicon	28-1	451733	463277	462421	459143	1.40	cps
Silver	107-1	440	517	577	511	13.40	cps
Silver	109-1	373	390	457	407	10.84	cps
Sodium	23-2	80254465	80372492	80714080	80447013	0.30	cps
Strontium	86-1	132190	135685	136681	134852	1.75	cps
Strontium	88-1	1161125	1182476	1176580	1173394	0.94	cps
Sulfur	34-1	5414694	5434518	5453805	5434339	0.36	cps
Terbium	159-1	11894384	11710219	11703140	11769248	0.92	cps
Terbium	159-2	8002307	7859226	7826648	7896060	1.18	cps
Thallium	203-1	843	900	887	877	3.38	cps
Thallium	205-1	2314	2090	2154	2186	5.27	cps
Tin	118-1	3811	4231	4527	4190	8.60	cps
Titanium	47-1	3326434	3335459	3357023	3339638	0.47	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSA005 Instrumnet Name : P7
Client Sample ID : ICSA005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:14:06 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	633	677	683	7.85	cps
Vanadium	51-2	1100	1020	1020	1047	4.41	cps
Yttrium	89-1	16693280	16756026	16729927	16726411	0.19	cps
Yttrium	89-2	4240215	4219430	4155380	4205008	1.05	cps
Zinc	66-2	15552	15729	15773	15685	0.74	cps
Zirconium	90-1	1550	1603	1827	1660	8.84	cps
Zirconium	91-1	357	443	337	379	14.97	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P7
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:17:11 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24748126	24945385	25123779	24939097	0.75	cps
Antimony	121-1	215227	221531	224360	220373	2.12	cps
Arsenic	75-2	12279	12268	12492	12346	1.02	cps
Barium	135-1	55347	57559	56923	56610	2.01	cps
Barium	137-1	94625	97478	98179	96761	1.95	cps
Beryllium	9-1	36417	38110	37609	37378	2.33	cps
Bismuth	209-1	6303747	6335131	6399107	6345995	0.77	cps
Bismuth	209-2	5087098	5135985	5049241	5090775	0.85	cps
Bromine	81-1	11204	11071	11465	11247	1.78	cps
Bromine	81-2	190	207	177	191	7.86	cps
Cadmium	108-1	4764	5204	4928	4965	4.48	cps
Cadmium	106-1	7942	8026	7972	7980	0.53	cps
Cadmium	111-1	55271	55590	57356	56073	2.00	cps
Calcium	43-1	3200815	3240515	3295074	3245468	1.46	cps
Calcium	44-1	51321783	53275054	53210608	52602481	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208022	207853	206798	207557	0.32	cps
Cobalt	59-2	162795	163691	164052	163513	0.40	cps
Copper	63-2	143665	144617	145032	144438	0.49	cps
Dysprosium	156-1	637	533	490	553	13.62	cps
Dysprosium	156-2	163	160	117	147	17.75	cps
Erbium	164-1	113	107	107	109	3.53	cps
Erbium	164-2	70	87	67	74	14.39	cps
Gadolinium	160-1	100	67	83	83	20.00	cps
Gadolinium	160-2	227	270	370	289	25.45	cps
Holmium	165-1	10919877	11077967	11055529	11017791	0.78	cps
Holmium	165-2	7713214	7740645	7690453	7714771	0.33	cps
Indium	115-1	9025821	9157187	9274862	9152623	1.36	cps
Indium	115-2	3134382	3160411	3129732	3141508	0.53	cps
Iron	56-2	427585060	429310007	429038660	428644576	0.22	cps
Iron	57-2	10602648	10658188	10640769	10633868	0.27	cps
Iron	54-2	23676325	23517640	23810110	23668025	0.62	cps
Krypton	83-1	307	347	223	292	21.53	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : ICSAB005 Instrumnet Name : P7
Client Sample ID : ICSAB005 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:17:11 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	183349	185919	188350	185873	1.35	cps
Lead	207-1	154953	157448	159846	157416	1.55	cps
Lead	208-1	710724	720051	736499	722425	1.81	cps
Lithium	6-1	1499596	1527163	1539302	1522020	1.34	cps
Magnesium	24-2	44651078	44586296	44775978	44671117	0.22	cps
Manganese	55-2	104258	104537	105560	104785	0.65	cps
Molybdenum	94-1	6285246	6407757	6370229	6354411	0.99	cps
Molybdenum	95-1	11052121	11261077	11271337	11194845	1.11	cps
Molybdenum	96-1	11648778	11957094	11955551	11853807	1.50	cps
Molybdenum	97-1	6804907	7029112	6945624	6926548	1.64	cps
Molybdenum	98-1	17558332	17905845	17847373	17770517	1.05	cps
Neodymium	150-1	60	63	77	67	13.23	cps
Neodymium	150-2	43	27	37	36	23.58	cps
Nickel	60-2	50572	49150	49485	49736	1.49	cps
Phosphorus	31-2	1412772	1416750	1402244	1410589	0.53	cps
Potassium	39-2	55894051	56266712	56316594	56159119	0.41	cps
Rhodium	103-1	8532169	8689863	8598559	8606863	0.92	cps
Rhodium	103-2	5338856	5256008	5366437	5320434	1.08	cps
Scandium	45-1	5960028	6029916	6027561	6005835	0.66	cps
Scandium	45-2	547339	545026	545901	546089	0.21	cps
Selenium	82-1	3848	4159	4361	4123	6.27	cps
Selenium	77-2	393	360	307	353	12.37	cps
Selenium	78-2	1600	1463	1493	1519	4.73	cps
Silicon	28-1	468826	480836	484580	478080	1.72	cps
Silver	107-1	255529	260082	263970	259861	1.63	cps
Silver	109-1	235626	244872	247415	242638	2.56	cps
Sodium	23-2	77194602	77163562	77808752	77388972	0.47	cps
Strontium	86-1	129271	131174	132611	131019	1.28	cps
Strontium	88-1	1105657	1145574	1149887	1133706	2.15	cps
Sulfur	34-1	4968476	5102182	5158229	5076296	1.92	cps
Terbium	159-1	11257487	11468090	11422612	11382730	0.97	cps
Terbium	159-2	7686327	7608008	7733082	7675806	0.82	cps
Thallium	203-1	187498	192807	195980	192095	2.23	cps
Thallium	205-1	451779	458054	466067	458633	1.56	cps
Tin	118-1	3267	3721	3994	3661	10.03	cps
Titanium	47-1	3150836	3198468	3266829	3205378	1.82	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

ICSAB005

Instrumnet Name :

P7

Client Sample ID :

ICSAB005

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:17:11

DataFile Name :

016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	777	677	660	704	8.96	cps
Vanadium	51-2	92159	90643	91180	91327	0.84	cps
Yttrium	89-1	16071555	16213985	16308146	16197895	0.74	cps
Yttrium	89-2	4117103	4075793	4088949	4093948	0.52	cps
Zinc	66-2	27003	27562	27850	27472	1.57	cps
Zirconium	90-1	1987	2290	2157	2145	7.09	cps
Zirconium	91-1	427	517	540	494	12.10	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCV019 Instrumnet Name : P7
Client Sample ID : CCV019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:27:05 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14028691	13950756	14111244	14030230	0.57	cps
Antimony	121-1	5327178	5460701	5494802	5427560	1.63	cps
Arsenic	75-2	312233	309097	306976	309435	0.85	cps
Barium	135-1	7165372	7218178	7217865	7200472	0.42	cps
Barium	137-1	12242122	12332903	12425543	12333523	0.74	cps
Beryllium	9-1	1017543	1035420	1037031	1029998	1.05	cps
Bismuth	209-1	6483521	6420835	6454571	6452976	0.49	cps
Bismuth	209-2	4992632	5104642	5085870	5061048	1.19	cps
Bromine	81-1	11128	10621	11258	11002	3.06	cps
Bromine	81-2	153	107	143	134	18.28	cps
Cadmium	108-1	105406	106652	105184	105747	0.75	cps
Cadmium	106-1	151935	154528	155519	153994	1.20	cps
Cadmium	111-1	1407693	1438476	1442865	1429678	1.34	cps
Calcium	43-1	8605825	8805906	8754264	8721998	1.19	cps
Calcium	44-1	136557311	142116565	140376321	139683399	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2564841	2562389	2574861	2567363	0.26	cps
Cobalt	59-2	4063085	4026833	4046761	4045559	0.45	cps
Copper	63-2	28835221	28718916	28355766	28636635	0.87	cps
Dysprosium	156-1	847	1000	970	939	8.66	cps
Dysprosium	156-2	547	557	550	551	0.92	cps
Erbium	164-1	277	340	333	317	10.99	cps
Erbium	164-2	193	160	233	196	18.78	cps
Gadolinium	160-1	200	270	260	243	15.56	cps
Gadolinium	160-2	433	443	433	437	1.32	cps
Holmium	165-1	11372947	11337262	11464450	11391553	0.58	cps
Holmium	165-2	7901308	8035321	7842499	7926376	1.25	cps
Indium	115-1	9185672	9276282	9203730	9221895	0.52	cps
Indium	115-2	3168505	3132940	3148309	3149918	0.57	cps
Iron	56-2	548637018	540338099	545883472	544952863	0.78	cps
Iron	57-2	13432768	13356251	13590984	13460001	0.89	cps
Iron	54-2	30029346	30043453	30221918	30098239	0.36	cps
Krypton	83-1	380	297	300	326	14.49	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCV019 Instrumnet Name : P7
Client Sample ID : CCV019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:27:05 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19087449	19442562	19420336	19316782	1.03	cps
Lead	207-1	16811220	17157668	17210034	17059641	1.27	cps
Lead	208-1	76601240	78050247	78134408	77595298	1.11	cps
Lithium	6-1	1595122	1616882	1602118	1604707	0.69	cps
Magnesium	24-2	116855865	116892362	117472015	117073414	0.30	cps
Manganese	55-2	18680599	18308640	18428402	18472547	1.03	cps
Molybdenum	94-1	22247915	22492382	22642236	22460844	0.89	cps
Molybdenum	95-1	32694529	33015867	32801028	32837141	0.50	cps
Molybdenum	96-1	35336084	36087382	36251465	35891644	1.36	cps
Molybdenum	97-1	20062127	20811319	20649923	20507790	1.92	cps
Molybdenum	98-1	51635778	53269279	52955711	52620256	1.65	cps
Neodymium	150-1	377	383	423	394	6.40	cps
Neodymium	150-2	117	100	133	117	14.29	cps
Nickel	60-2	1016337	1010870	1011605	1012937	0.29	cps
Phosphorus	31-2	154355	153746	154935	154346	0.39	cps
Potassium	39-2	73526299	73288359	73407981	73407546	0.16	cps
Rhodium	103-1	8485008	8672160	8690091	8615753	1.32	cps
Rhodium	103-2	5271834	5185267	5283519	5246873	1.02	cps
Scandium	45-1	6161017	6258246	6294710	6237991	1.11	cps
Scandium	45-2	560386	553281	561509	558392	0.80	cps
Selenium	82-1	91290	93036	93866	92731	1.42	cps
Selenium	77-2	8956	9006	8799	8921	1.21	cps
Selenium	78-2	29947	29373	30341	29887	1.63	cps
Silicon	28-1	25673975	26260640	26331380	26088665	1.38	cps
Silver	107-1	6892056	7146228	6962863	7000382	1.87	cps
Silver	109-1	6404373	6508286	6539203	6483954	1.09	cps
Sodium	23-2	200201857	200091357	201361224	200551479	0.35	cps
Strontium	86-1	47685641	48721126	48808658	48405142	1.29	cps
Strontium	88-1	412331021	425027607	421900500	419753043	1.58	cps
Sulfur	34-1	784790	787956	788646	787131	0.26	cps
Terbium	159-1	11718763	11768804	11825698	11771088	0.45	cps
Terbium	159-2	7946051	7763820	7811194	7840355	1.21	cps
Thallium	203-1	4846845	4877663	4886533	4870347	0.43	cps
Thallium	205-1	11561544	11609761	11462657	11544654	0.65	cps
Tin	118-1	4625568	4662746	4729614	4672643	1.13	cps
Titanium	47-1	9073074	9224700	9239335	9179036	1.00	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCV019

Instrumnet Name :

P7

Client Sample ID :

CCV019

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 15:27:05

DataFile Name :

018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15493796	15737462	15551629	15594296	0.82	cps
Vanadium	51-2	2317639	2303880	2286811	2302777	0.67	cps
Yttrium	89-1	16663709	16885139	16735274	16761374	0.67	cps
Yttrium	89-2	4139599	4149625	4101078	4130101	0.62	cps
Zinc	66-2	4449218	4435933	4444919	4443357	0.15	cps
Zirconium	90-1	10306252	10482197	10501949	10430133	1.03	cps
Zirconium	91-1	2298362	2330504	2291821	2306896	0.90	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB019 Instrumnet Name : P7
Client Sample ID : CCB019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:33:23 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1010	980	1107	1032	6.41	cps
Antimony	121-1	937	1000	1183	1040	12.32	cps
Arsenic	75-2	17	37	13	22	56.80	cps
Barium	135-1	317	373	287	326	13.52	cps
Barium	137-1	447	593	513	518	14.18	cps
Beryllium	9-1	72	72	75	73	2.68	cps
Bismuth	209-1	6993664	6880738	6838095	6904166	1.16	cps
Bismuth	209-2	5573870	5459799	5534036	5522568	1.05	cps
Bromine	81-1	10801	10747	10430	10660	1.88	cps
Bromine	81-2	137	160	173	157	11.85	cps
Cadmium	108-1	33	10	17	20	60.08	cps
Cadmium	106-1	3334	3517	3310	3387	3.34	cps
Cadmium	111-1	2410	2555	2399	2455	3.54	cps
Calcium	43-1	1367	1370	1227	1321	6.19	cps
Calcium	44-1	38543	37481	38480	38168	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027	1187	1067	1093	7.62	cps
Cobalt	59-2	303	263	273	280	7.43	cps
Copper	63-2	1687	1557	1807	1683	7.43	cps
Dysprosium	156-1	620	677	587	628	7.25	cps
Dysprosium	156-2	123	150	137	137	9.75	cps
Erbium	164-1	83	100	63	82	22.33	cps
Erbium	164-2	47	60	50	52	13.28	cps
Gadolinium	160-1	30	60	63	51	35.92	cps
Gadolinium	160-2	227	293	290	270	13.91	cps
Holmium	165-1	11540645	11409529	11389876	11446683	0.72	cps
Holmium	165-2	7989532	7795147	7932114	7905598	1.26	cps
Indium	115-1	9919090	9720084	9832204	9823793	1.02	cps
Indium	115-2	3363197	3374467	3322171	3353278	0.82	cps
Iron	56-2	35599	35418	34743	35254	1.28	cps
Iron	57-2	2377	2307	2410	2365	2.23	cps
Iron	54-2	3117	3207	3234	3186	1.92	cps
Krypton	83-1	270	340	317	309	11.54	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB019 Instrumnet Name : P7
Client Sample ID : CCB019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:33:23 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1027	997	920	981	5.61	cps
Lead	207-1	907	937	943	929	2.10	cps
Lead	208-1	4404	3977	3904	4095	6.60	cps
Lithium	6-1	1589240	1618114	1613614	1606989	0.97	cps
Magnesium	24-2	4137	4257	4144	4179	1.61	cps
Manganese	55-2	1200	1250	1147	1199	4.31	cps
Molybdenum	94-1	1053	973	1037	1021	4.13	cps
Molybdenum	95-1	1013	1073	1020	1036	3.18	cps
Molybdenum	96-1	1183	1190	1343	1239	7.31	cps
Molybdenum	97-1	650	650	710	670	5.17	cps
Molybdenum	98-1	1677	1553	1717	1649	5.16	cps
Neodymium	150-1	17	23	10	17	39.99	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	177	227	203	202	12.37	cps
Phosphorus	31-2	177	130	183	163	17.79	cps
Potassium	39-2	88083	86601	87047	87244	0.87	cps
Rhodium	103-1	9481493	9508530	9304464	9431496	1.18	cps
Rhodium	103-2	5741250	5673597	5671614	5695487	0.70	cps
Scandium	45-1	6268826	6318660	6344166	6310551	0.61	cps
Scandium	45-2	560942	554471	556143	557185	0.60	cps
Selenium	82-1	583	514	527	541	6.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	287	353	350	330	11.38	cps
Silicon	28-1	308458	309627	309402	309162	0.20	cps
Silver	107-1	433	393	353	393	10.17	cps
Silver	109-1	397	270	297	321	20.80	cps
Sodium	23-2	66489	65847	64976	65771	1.15	cps
Strontium	86-1	1480	1300	1407	1396	6.49	cps
Strontium	88-1	8503	7949	7752	8068	4.82	cps
Sulfur	34-1	258288	262613	258651	259851	0.92	cps
Terbium	159-1	11892469	11783562	11603209	11759747	1.24	cps
Terbium	159-2	7959833	7739429	7894959	7864740	1.44	cps
Thallium	203-1	633	610	563	602	5.92	cps
Thallium	205-1	1343	1370	1343	1352	1.14	cps
Tin	118-1	2517	2784	2794	2698	5.82	cps
Titanium	47-1	407	417	483	436	9.57	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB019 Instrumnet Name : P7
Client Sample ID : CCB019 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 15:33:23 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	347	367	367	360	3.21	cps
Vanadium	51-2	57	57	77	63	18.23	cps
Yttrium	89-1	16959199	16928437	16872733	16920123	0.26	cps
Yttrium	89-2	4175708	4166693	4172709	4171703	0.11	cps
Zinc	66-2	1874	1954	1964	1931	2.55	cps
Zirconium	90-1	1010	1187	1083	1093	8.12	cps
Zirconium	91-1	230	243	190	221	12.55	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BL Instrumnet Name : P7
Client Sample ID : PBS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:22:44 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653	710	710	691	4.73	cps
Antimony	121-1	957	1113	1113	1061	8.52	cps
Arsenic	75-2	3	23	10	12	83.33	cps
Barium	135-1	240	223	257	240	6.94	cps
Barium	137-1	390	463	483	446	11.03	cps
Beryllium	9-1	55	61	65	60	8.57	cps
Bismuth	209-1	7019013	7056350	6911374	6995579	1.08	cps
Bismuth	209-2	5578802	5566627	5487791	5544407	0.89	cps
Bromine	81-1	10304	10961	10657	10641	3.09	cps
Bromine	81-2	207	120	167	164	26.38	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3477	3207	3247	3310	4.40	cps
Cadmium	111-1	2465	2285	2319	2356	4.05	cps
Calcium	43-1	780	867	817	821	5.30	cps
Calcium	44-1	28428	28157	28100	28229	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	970	1070	970	1003	5.75	cps
Cobalt	59-2	193	250	257	233	14.91	cps
Copper	63-2	1413	1247	1380	1347	6.55	cps
Dysprosium	156-1	403	393	320	372	12.22	cps
Dysprosium	156-2	97	97	100	98	1.97	cps
Erbium	164-1	50	93	70	71	30.50	cps
Erbium	164-2	53	67	40	53	25.00	cps
Gadolinium	160-1	33	40	37	37	9.10	cps
Gadolinium	160-2	297	287	267	283	5.39	cps
Holmium	165-1	11602580	11530008	11383585	11505391	0.97	cps
Holmium	165-2	7876870	7842289	7893073	7870744	0.33	cps
Indium	115-1	9795963	9734814	9699033	9743270	0.50	cps
Indium	115-2	3310722	3332429	3261908	3301686	1.09	cps
Iron	56-2	30895	30374	30017	30429	1.45	cps
Iron	57-2	2044	2180	2237	2154	4.62	cps
Iron	54-2	2810	2887	2607	2768	5.23	cps
Krypton	83-1	300	313	290	301	3.89	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BL Instrumnet Name : P7
Client Sample ID : PBS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:22:44 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	810	700	710	740	8.22	cps
Lead	207-1	753	697	653	701	7.15	cps
Lead	208-1	3334	3047	3027	3136	5.47	cps
Lithium	6-1	1644085	1630317	1650985	1641795	0.64	cps
Magnesium	24-2	3060	2970	2957	2996	1.88	cps
Manganese	55-2	1053	933	1087	1024	7.87	cps
Molybdenum	94-1	887	820	850	852	3.92	cps
Molybdenum	95-1	907	860	880	882	2.65	cps
Molybdenum	96-1	1087	1033	963	1028	6.02	cps
Molybdenum	97-1	527	470	517	504	6.00	cps
Molybdenum	98-1	1383	1313	1300	1332	3.36	cps
Neodymium	150-1	23	7	7	12	78.69	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	227	210	237	224	6.00	cps
Phosphorus	31-2	157	167	163	162	3.14	cps
Potassium	39-2	78514	78973	77409	78299	1.03	cps
Rhodium	103-1	9390487	9433543	9361170	9395067	0.39	cps
Rhodium	103-2	5757093	5639138	5602031	5666087	1.43	cps
Scandium	45-1	6220899	6262660	6116214	6199924	1.22	cps
Scandium	45-2	547486	548939	544772	547066	0.39	cps
Selenium	82-1	531	557	506	531	4.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	447	360	383	397	11.31	cps
Silicon	28-1	304139	304189	304344	304224	0.04	cps
Silver	107-1	300	257	253	270	9.64	cps
Silver	109-1	297	243	210	250	17.49	cps
Sodium	23-2	59391	59287	57945	58874	1.37	cps
Strontium	86-1	1203	1077	1167	1149	5.67	cps
Strontium	88-1	6658	6178	5895	6244	6.18	cps
Sulfur	34-1	266418	265842	265323	265861	0.21	cps
Terbium	159-1	11827557	11899341	11715777	11814225	0.78	cps
Terbium	159-2	7928663	7871412	7864296	7888124	0.45	cps
Thallium	203-1	350	307	390	349	11.95	cps
Thallium	205-1	883	837	847	856	2.87	cps
Tin	118-1	2210	2460	2307	2326	5.42	cps
Titanium	47-1	320	397	410	376	12.93	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

PB164088BL

Instrumnet Name :

P7

Client Sample ID :

PBS088

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:22:44

DataFile Name :

023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	247	287	267	267	7.50	cps
Vanadium	51-2	77	50	37	54	37.41	cps
Yttrium	89-1	16812041	16842069	16728525	16794212	0.35	cps
Yttrium	89-2	4212111	4126835	4103670	4147538	1.38	cps
Zinc	66-2	1150	1171	1161	1161	0.87	cps
Zirconium	90-1	1190	1007	1097	1098	8.35	cps
Zirconium	91-1	207	230	207	214	6.28	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BS Instrumnet Name : P7
Client Sample ID : LCS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:26:01 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12642	12525	12719	12629	0.77	cps
Antimony	121-1	45716	46288	45502	45835	0.89	cps
Arsenic	75-2	1447	1410	1450	1436	1.55	cps
Barium	135-1	55598	55457	54527	55194	1.05	cps
Barium	137-1	96492	97417	95502	96470	0.99	cps
Beryllium	9-1	4429	4440	4414	4427	0.29	cps
Bismuth	209-1	6935328	6974476	6909001	6939602	0.47	cps
Bismuth	209-2	5465502	5496824	5414471	5458932	0.76	cps
Bromine	81-1	10711	10694	11234	10880	2.82	cps
Bromine	81-2	163	133	190	162	17.47	cps
Cadmium	108-1	533	607	543	561	7.09	cps
Cadmium	106-1	4444	4287	4101	4277	4.02	cps
Cadmium	111-1	9706	9852	9459	9672	2.06	cps
Calcium	43-1	37269	37567	37891	37575	0.83	cps
Calcium	44-1	619648	628080	623947	623892	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25281	25652	25482	25472	0.73	cps
Cobalt	59-2	17287	17564	17313	17388	0.88	cps
Copper	63-2	25756	26236	25572	25855	1.33	cps
Dysprosium	156-1	437	387	487	437	11.45	cps
Dysprosium	156-2	110	123	97	110	12.12	cps
Erbium	164-1	50	67	77	64	20.91	cps
Erbium	164-2	53	53	47	51	7.52	cps
Gadolinium	160-1	37	40	70	49	37.55	cps
Gadolinium	160-2	280	280	293	284	2.71	cps
Holmium	165-1	11284914	11275192	11302357	11287488	0.12	cps
Holmium	165-2	7847761	7682904	7810568	7780411	1.11	cps
Indium	115-1	9725311	9756592	9681497	9721133	0.39	cps
Indium	115-2	3306307	3333815	3286370	3308831	0.72	cps
Iron	56-2	1910662	1918844	1916103	1915203	0.22	cps
Iron	57-2	52230	51926	52943	52366	1.00	cps
Iron	54-2	113766	114252	113376	113798	0.39	cps
Krypton	83-1	257	263	353	291	18.55	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BS Instrumnet Name : P7
Client Sample ID : LCS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:26:01 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15652	15939	15759	15784	0.92	cps
Lead	207-1	14054	13987	13700	13914	1.35	cps
Lead	208-1	63345	63415	63355	63372	0.06	cps
Lithium	6-1	1628035	1623771	1639081	1630296	0.48	cps
Magnesium	24-2	545952	540493	542560	543002	0.51	cps
Manganese	55-2	9496	9340	9570	9469	1.24	cps
Molybdenum	94-1	51393	52674	51721	51929	1.28	cps
Molybdenum	95-1	62888	63142	63035	63022	0.20	cps
Molybdenum	96-1	69095	70157	68768	69340	1.05	cps
Molybdenum	97-1	39182	38307	38882	38790	1.15	cps
Molybdenum	98-1	99194	100674	99885	99917	0.74	cps
Neodymium	150-1	23	10	7	13	66.12	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	4787	4944	5001	4911	2.25	cps
Phosphorus	31-2	180	123	180	161	20.31	cps
Potassium	39-2	737726	735948	740070	737915	0.28	cps
Rhodium	103-1	9241127	9471387	9224354	9312289	1.48	cps
Rhodium	103-2	5600960	5607277	5591363	5599867	0.14	cps
Scandium	45-1	6252108	6328414	6192857	6257793	1.09	cps
Scandium	45-2	556222	554756	551607	554195	0.43	cps
Selenium	82-1	2735	2642	2804	2727	2.98	cps
Selenium	77-2	213	203	177	198	9.58	cps
Selenium	78-2	1177	1013	963	1051	10.62	cps
Silicon	28-1	442315	444266	444641	443740	0.28	cps
Silver	107-1	28308	29560	29931	29266	2.91	cps
Silver	109-1	27386	27643	27763	27597	0.70	cps
Sodium	23-2	924972	924942	926594	925503	0.10	cps
Strontium	86-1	9446	9637	9296	9460	1.80	cps
Strontium	88-1	75147	76765	76504	76139	1.14	cps
Sulfur	34-1	276093	279964	281146	279068	0.95	cps
Terbium	159-1	11701094	11900506	11579344	11726981	1.38	cps
Terbium	159-2	7853142	7778091	7699734	7776989	0.99	cps
Thallium	203-1	18569	18977	19014	18853	1.31	cps
Thallium	205-1	44446	44606	44044	44365	0.65	cps
Tin	118-1	2467	2487	2534	2496	1.37	cps
Titanium	47-1	18041	18128	18141	18103	0.30	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BS Instrumnet Name : P7
Client Sample ID : LCS088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:26:01 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57681	57781	55967	57143	1.78	cps
Vanadium	51-2	48705	48688	48641	48678	0.07	cps
Yttrium	89-1	16610368	16942571	16485251	16679396	1.42	cps
Yttrium	89-2	4140496	4172562	4125417	4146158	0.58	cps
Zinc	66-2	12093	12160	12263	12172	0.70	cps
Zirconium	90-1	44514	45343	44404	44754	1.15	cps
Zirconium	91-1	9547	9840	9953	9780	2.15	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BSD Instrumnet Name : P7
Client Sample ID : LCSD088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:29:19 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6708	6608	6798	6705	1.42	cps
Antimony	121-1	22788	22982	23175	22982	0.84	cps
Arsenic	75-2	647	660	700	669	4.15	cps
Barium	135-1	28201	27801	27527	27843	1.22	cps
Barium	137-1	48305	48813	48589	48569	0.52	cps
Beryllium	9-1	2206	2194	2263	2221	1.66	cps
Bismuth	209-1	6921884	6824921	6951853	6899552	0.96	cps
Bismuth	209-2	5397821	5357383	5437884	5397696	0.75	cps
Bromine	81-1	10384	10627	10284	10432	1.69	cps
Bromine	81-2	157	137	127	140	10.91	cps
Cadmium	108-1	300	343	257	300	14.44	cps
Cadmium	106-1	3871	3671	3754	3765	2.67	cps
Cadmium	111-1	6043	6156	6005	6068	1.29	cps
Calcium	43-1	18702	19676	18898	19092	2.70	cps
Calcium	44-1	324658	329274	328495	327476	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13603	13263	13169	13345	1.71	cps
Cobalt	59-2	8829	8909	8756	8832	0.87	cps
Copper	63-2	14093	13550	13383	13675	2.72	cps
Dysprosium	156-1	447	433	437	439	1.58	cps
Dysprosium	156-2	63	133	83	93	38.64	cps
Erbium	164-1	90	70	67	76	16.70	cps
Erbium	164-2	50	47	50	49	3.93	cps
Gadolinium	160-1	53	47	47	49	7.86	cps
Gadolinium	160-2	307	253	247	269	12.23	cps
Holmium	165-1	11367991	11258817	11086317	11237708	1.26	cps
Holmium	165-2	7764036	7706523	7896047	7788868	1.25	cps
Indium	115-1	9753846	9498162	9553646	9601885	1.40	cps
Indium	115-2	3273117	3299147	3296880	3289715	0.44	cps
Iron	56-2	1030741	1034335	1024667	1029914	0.47	cps
Iron	57-2	27696	27816	26847	27453	1.92	cps
Iron	54-2	59269	58503	58369	58714	0.83	cps
Krypton	83-1	330	293	273	299	9.62	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : PB164088BSD Instrumnet Name : P7
Client Sample ID : LCSD088 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:29:19 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7859	8183	8082	8041	2.06	cps
Lead	207-1	7099	7419	7139	7219	2.42	cps
Lead	208-1	32295	32675	32462	32478	0.59	cps
Lithium	6-1	1620535	1591458	1648210	1620067	1.75	cps
Magnesium	24-2	274604	271920	276266	274263	0.80	cps
Manganese	55-2	5051	5271	5468	5263	3.96	cps
Molybdenum	94-1	26060	26574	26127	26254	1.07	cps
Molybdenum	95-1	31250	31651	31698	31533	0.78	cps
Molybdenum	96-1	34681	35526	34835	35014	1.29	cps
Molybdenum	97-1	19386	19583	19613	19528	0.63	cps
Molybdenum	98-1	50263	50276	50544	50361	0.31	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	2640	2407	2414	2487	5.34	cps
Phosphorus	31-2	157	150	113	140	16.66	cps
Potassium	39-2	412151	411546	409881	411193	0.29	cps
Rhodium	103-1	9287902	9254619	9216108	9252876	0.39	cps
Rhodium	103-2	5587854	5644121	5673860	5635278	0.78	cps
Scandium	45-1	6315437	6196402	6228900	6246913	0.98	cps
Scandium	45-2	556762	556521	558254	557179	0.17	cps
Selenium	82-1	1503	1631	1648	1594	4.96	cps
Selenium	77-2	93	137	113	114	18.95	cps
Selenium	78-2	720	747	690	719	3.94	cps
Silicon	28-1	379618	379729	376456	378601	0.49	cps
Silver	107-1	14941	14691	15372	15001	2.30	cps
Silver	109-1	13480	13687	14224	13797	2.78	cps
Sodium	23-2	493602	492037	492741	492793	0.16	cps
Strontium	86-1	5151	5298	5174	5208	1.51	cps
Strontium	88-1	41659	40960	40573	41064	1.34	cps
Sulfur	34-1	279450	279866	277080	278798	0.54	cps
Terbium	159-1	11741821	11526149	11421467	11563145	1.41	cps
Terbium	159-2	7769829	7783442	7751577	7768283	0.21	cps
Thallium	203-1	9513	9247	9907	9556	3.48	cps
Thallium	205-1	22332	22579	21998	22303	1.31	cps
Tin	118-1	2237	2157	2220	2205	1.91	cps
Titanium	47-1	9036	9430	9146	9204	2.21	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

PB164088BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD088

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:29:19

DataFile Name :

025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28481	28688	28517	28562	0.39	cps
Vanadium	51-2	24350	24513	25024	24629	1.43	cps
Yttrium	89-1	16645499	16613531	16416309	16558446	0.75	cps
Yttrium	89-2	4151956	4165275	4140170	4152467	0.30	cps
Zinc	66-2	6332	6363	6606	6434	2.33	cps
Zirconium	90-1	22644	22968	23275	22962	1.37	cps
Zirconium	91-1	4677	4974	5114	4922	4.53	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-05 Instrumnet Name : P7
Client Sample ID : MYD0Y3 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:42:33 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18080319	17767853	17865848	17904674	0.89	cps
Antimony	121-1	27393	26651	27543	27196	1.76	cps
Arsenic	75-2	169321	166438	165524	167094	1.19	cps
Barium	135-1	1152112	1166993	1158793	1159299	0.64	cps
Barium	137-1	2054719	2095906	2054560	2068395	1.15	cps
Beryllium	9-1	1925	2010	1905	1947	2.86	cps
Bismuth	209-1	6885026	6884048	6817616	6862230	0.56	cps
Bismuth	209-2	5365354	5479237	5455450	5433347	1.11	cps
Bromine	81-1	13239	13767	13683	13563	2.09	cps
Bromine	81-2	657	670	790	706	10.41	cps
Cadmium	108-1	573	553	480	536	9.18	cps
Cadmium	106-1	4537	4311	4427	4425	2.56	cps
Cadmium	111-1	4555	4450	4650	4552	2.19	cps
Calcium	43-1	557921	567438	557557	560972	1.00	cps
Calcium	44-1	8362222	8519158	8437083	8439488	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1136522	1137735	1137586	1137281	0.06	cps
Cobalt	59-2	919587	910525	905408	911840	0.79	cps
Copper	63-2	1815847	1834852	1836765	1829155	0.63	cps
Dysprosium	156-1	47406	46738	47045	47063	0.71	cps
Dysprosium	156-2	35983	37152	36267	36467	1.67	cps
Erbium	164-1	48082	48698	47848	48210	0.91	cps
Erbium	164-2	33473	32909	32712	33031	1.20	cps
Gadolinium	160-1	46397	45427	45938	45921	1.06	cps
Gadolinium	160-2	33163	33457	33440	33353	0.50	cps
Holmium	165-1	11651573	11561023	11574043	11595546	0.42	cps
Holmium	165-2	8021844	8086410	8008557	8038937	0.52	cps
Indium	115-1	9770043	9888919	9788457	9815806	0.65	cps
Indium	115-2	3284980	3351011	3267885	3301292	1.33	cps
Iron	56-2	930252439	921644440	934623346	928840075	0.71	cps
Iron	57-2	22827189	22731352	23010552	22856364	0.62	cps
Iron	54-2	51006419	51381799	51172531	51186916	0.37	cps
Krypton	83-1	427	487	423	446	8.00	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-05 Instrumnet Name : P7
Client Sample ID : MYD0Y3 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:42:33 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	299913	306024	301923	302620	1.03	cps
Lead	207-1	278025	280905	278689	279206	0.54	cps
Lead	208-1	1225538	1244752	1230921	1233737	0.80	cps
Lithium	6-1	1667581	1618200	1638524	1641435	1.51	cps
Magnesium	24-2	18381669	18381343	18112001	18291671	0.85	cps
Manganese	55-2	26802913	26889554	26869448	26853972	0.17	cps
Molybdenum	94-1	53334	55033	53681	54016	1.66	cps
Molybdenum	95-1	11928	11668	11745	11780	1.14	cps
Molybdenum	96-1	29523	29042	28461	29009	1.83	cps
Molybdenum	97-1	6935	6852	6928	6905	0.67	cps
Molybdenum	98-1	17227	17320	17731	17426	1.54	cps
Neodymium	150-1	66466	66238	66992	66565	0.58	cps
Neodymium	150-2	39472	38309	38609	38797	1.56	cps
Nickel	60-2	283043	282566	284625	283411	0.38	cps
Phosphorus	31-2	15708	15508	15371	15529	1.09	cps
Potassium	39-2	1084751	1073676	1079382	1079270	0.51	cps
Rhodium	103-1	9442491	9292428	9392786	9375902	0.82	cps
Rhodium	103-2	5732179	5612259	5670123	5671520	1.06	cps
Scandium	45-1	7349488	7371069	7348689	7356416	0.17	cps
Scandium	45-2	651041	652898	649077	651005	0.29	cps
Selenium	82-1	694	750	777	740	5.68	cps
Selenium	77-2	183	177	180	180	1.85	cps
Selenium	78-2	537	523	553	538	2.79	cps
Silicon	28-1	33116606	33739491	33579800	33478633	0.97	cps
Silver	107-1	2544	2450	2570	2521	2.50	cps
Silver	109-1	2237	2357	2337	2310	2.78	cps
Sodium	23-2	340133	341519	341492	341048	0.23	cps
Strontium	86-1	360581	364278	362444	362434	0.51	cps
Strontium	88-1	3081333	3132882	3149691	3121302	1.14	cps
Sulfur	34-1	241516	243270	241447	242078	0.43	cps
Terbium	159-1	12013224	11923676	12078737	12005213	0.65	cps
Terbium	159-2	7907746	7807082	7892086	7868971	0.69	cps
Thallium	203-1	1577	1627	1717	1640	4.33	cps
Thallium	205-1	4047	3911	3941	3966	1.81	cps
Tin	118-1	33362	33683	34137	33727	1.15	cps
Titanium	47-1	3493191	3471628	3552994	3505938	1.20	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4296-05

Instrumnet Name :

P7

Client Sample ID :

MYD0Y3

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:42:33

DataFile Name :

028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19030	19294	19017	19114	0.82	cps
Vanadium	51-2	1936628	1930855	1931368	1932950	0.17	cps
Yttrium	89-1	18200318	18099311	18085064	18128231	0.35	cps
Yttrium	89-2	4448799	4423923	4513779	4462167	1.04	cps
Zinc	66-2	225391	223722	223448	224187	0.47	cps
Zirconium	90-1	131116	130429	131633	131059	0.46	cps
Zirconium	91-1	29076	29146	29470	29230	0.72	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-07A Instrumnet Name : P7
Client Sample ID : MYD0Y5ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:45:39 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21314321	21476117	21332910	21374449	0.41	cps
Antimony	121-1	23039	23630	24521	23730	3.14	cps
Arsenic	75-2	486107	482972	478833	482637	0.76	cps
Barium	135-1	634586	643126	640623	639445	0.69	cps
Barium	137-1	1096159	1124924	1120513	1113865	1.39	cps
Beryllium	9-1	1575	1683	1594	1618	3.57	cps
Bismuth	209-1	6656239	6513323	6789769	6653111	2.08	cps
Bismuth	209-2	5370037	5320005	5322669	5337570	0.53	cps
Bromine	81-1	13189	13873	13483	13515	2.54	cps
Bromine	81-2	680	697	690	689	1.22	cps
Cadmium	108-1	543	543	473	520	7.77	cps
Cadmium	106-1	4271	3997	4264	4177	3.73	cps
Cadmium	111-1	3549	3191	3530	3423	5.88	cps
Calcium	43-1	743422	764289	765300	757670	1.63	cps
Calcium	44-1	11247395	11319623	11566806	11377941	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1342473	1350806	1341984	1345088	0.37	cps
Cobalt	59-2	978813	973324	964171	972103	0.76	cps
Copper	63-2	37092559	36941738	36936942	36990413	0.24	cps
Dysprosium	156-1	31859	32257	32154	32090	0.64	cps
Dysprosium	156-2	24692	24134	23750	24192	1.96	cps
Erbium	164-1	39392	38362	39425	39060	1.55	cps
Erbium	164-2	26625	26582	26388	26532	0.48	cps
Gadolinium	160-1	33620	34459	34065	34048	1.23	cps
Gadolinium	160-2	24408	24071	23440	23973	2.05	cps
Holmium	165-1	11251478	11418184	11309602	11326421	0.75	cps
Holmium	165-2	8087459	7884266	7868882	7946869	1.54	cps
Indium	115-1	9591629	9671717	9670432	9644593	0.48	cps
Indium	115-2	3263719	3317053	3283102	3287958	0.82	cps
Iron	56-2	884149000	884501053	882745027	883798360	0.11	cps
Iron	57-2	21624742	21682184	21691476	21666134	0.17	cps
Iron	54-2	48872048	48902031	48684291	48819456	0.24	cps
Krypton	83-1	373	407	393	391	4.29	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-07A Instrumnet Name : P7
Client Sample ID : MYD0Y5ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:45:39 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81818	83096	81949	82287	0.85	cps
Lead	207-1	76239	77241	77523	77001	0.88	cps
Lead	208-1	336605	340264	342513	339794	0.88	cps
Lithium	6-1	1628699	1584033	1611086	1607939	1.40	cps
Magnesium	24-2	22616204	22594121	22569681	22593335	0.10	cps
Manganese	55-2	22018214	21746330	21639260	21801268	0.90	cps
Molybdenum	94-1	37321	38297	39095	38238	2.32	cps
Molybdenum	95-1	7969	8139	8326	8145	2.19	cps
Molybdenum	96-1	22598	22648	23462	22903	2.12	cps
Molybdenum	97-1	4624	4721	4854	4733	2.44	cps
Molybdenum	98-1	11818	11928	11882	11876	0.46	cps
Neodymium	150-1	41050	40441	41314	40935	1.09	cps
Neodymium	150-2	23406	23199	22872	23159	1.16	cps
Nickel	60-2	346089	345311	343843	345081	0.33	cps
Phosphorus	31-2	13559	13966	13559	13695	1.72	cps
Potassium	39-2	548454	548794	546708	547985	0.20	cps
Rhodium	103-1	9069502	9330150	9258619	9219424	1.46	cps
Rhodium	103-2	5574678	5615119	5589819	5593206	0.37	cps
Scandium	45-1	7485298	7424309	7525560	7478389	0.68	cps
Scandium	45-2	670996	670234	664924	668718	0.49	cps
Selenium	82-1	750	681	715	716	4.83	cps
Selenium	77-2	133	110	157	133	17.50	cps
Selenium	78-2	527	500	457	494	7.14	cps
Silicon	28-1	37583799	37580309	37547313	37570474	0.05	cps
Silver	107-1	32069	32373	33011	32484	1.48	cps
Silver	109-1	29891	30338	31357	30529	2.46	cps
Sodium	23-2	463092	460010	464177	462426	0.47	cps
Strontium	86-1	380601	390763	393390	388252	1.74	cps
Strontium	88-1	3293738	3301689	3362314	3319247	1.13	cps
Sulfur	34-1	241655	240964	241262	241293	0.14	cps
Terbium	159-1	11587569	12189033	12007760	11928121	2.59	cps
Terbium	159-2	7788437	7815757	7860446	7821547	0.46	cps
Thallium	203-1	980	1040	1147	1056	8.00	cps
Thallium	205-1	2250	2480	2890	2540	12.76	cps
Tin	118-1	20244	20855	20582	20560	1.49	cps
Titanium	47-1	4589284	4531521	4627524	4582776	1.05	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4296-07A Instrumnet Name : P7
Client Sample ID : MYD0Y5ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:45:39 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13724	14011	13474	13736	1.96	cps
Vanadium	51-2	2157771	2139456	2175031	2157419	0.82	cps
Yttrium	89-1	17648382	17627939	18260522	17845614	2.01	cps
Yttrium	89-2	4489913	4400986	4417875	4436258	1.06	cps
Zinc	66-2	587006	582718	582226	583983	0.45	cps
Zirconium	90-1	89474	91080	90926	90493	0.98	cps
Zirconium	91-1	20431	21319	21666	21139	3.01	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4301-09A Instrumnet Name : P7
Client Sample ID : MYDAC1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:48:46 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20544101	20536229	20628096	20569476	0.25	cps
Antimony	121-1	25900	26120	26515	26178	1.19	cps
Arsenic	75-2	138509	137651	137607	137923	0.37	cps
Barium	135-1	647890	650534	649360	649262	0.20	cps
Barium	137-1	1107050	1116207	1109886	1111048	0.42	cps
Beryllium	9-1	2087	2250	2183	2173	3.78	cps
Bismuth	209-1	6803110	6821071	6685335	6769838	1.09	cps
Bismuth	209-2	5352264	5368060	5402670	5374331	0.48	cps
Bromine	81-1	13136	13470	13283	13296	1.26	cps
Bromine	81-2	767	863	757	796	7.41	cps
Cadmium	108-1	1227	1203	1217	1216	0.96	cps
Cadmium	106-1	5501	5311	5394	5402	1.76	cps
Cadmium	111-1	13169	12909	13048	13042	1.00	cps
Calcium	43-1	479707	481679	487530	482972	0.84	cps
Calcium	44-1	7191862	7342287	7313825	7282658	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1246822	1245062	1249756	1247214	0.19	cps
Cobalt	59-2	1151492	1138393	1142189	1144025	0.59	cps
Copper	63-2	3616752	3670975	3660434	3649387	0.79	cps
Dysprosium	156-1	46761	46918	47212	46964	0.49	cps
Dysprosium	156-2	36775	35749	36136	36220	1.43	cps
Erbium	164-1	52773	52769	52421	52654	0.38	cps
Erbium	164-2	35438	35375	35178	35330	0.38	cps
Gadolinium	160-1	48420	49320	48410	48717	1.07	cps
Gadolinium	160-2	34683	34950	34790	34808	0.39	cps
Holmium	165-1	11563521	11558354	11299212	11473696	1.32	cps
Holmium	165-2	7816364	7929503	7858588	7868151	0.73	cps
Indium	115-1	9721049	9698855	9690291	9703398	0.16	cps
Indium	115-2	3270637	3296813	3295215	3287555	0.45	cps
Iron	56-2	746591829	747825509	743261882	745893073	0.32	cps
Iron	57-2	18414723	18508567	18556057	18493115	0.39	cps
Iron	54-2	41319846	41303007	41162499	41261784	0.21	cps
Krypton	83-1	540	407	453	467	14.50	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4301-09A Instrumnet Name : P7
Client Sample ID : MYDAC1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:48:46 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1128953	1144204	1146775	1139977	0.85	cps
Lead	207-1	1005755	1013209	1001444	1006803	0.59	cps
Lead	208-1	4768831	4851551	4771019	4797134	0.98	cps
Lithium	6-1	1591147	1607293	1571572	1590004	1.13	cps
Magnesium	24-2	21334853	21241561	21324675	21300363	0.24	cps
Manganese	55-2	13000448	12953057	12956431	12969979	0.20	cps
Molybdenum	94-1	76606	78023	78918	77849	1.50	cps
Molybdenum	95-1	8146	8459	8169	8258	2.11	cps
Molybdenum	96-1	27726	28271	28849	28282	1.98	cps
Molybdenum	97-1	4908	5101	5004	5004	1.93	cps
Molybdenum	98-1	12639	12929	12999	12856	1.49	cps
Neodymium	150-1	64507	65689	65250	65148	0.92	cps
Neodymium	150-2	37292	37009	36608	36969	0.93	cps
Nickel	60-2	352500	350672	351765	351646	0.26	cps
Phosphorus	31-2	29772	29689	29328	29596	0.80	cps
Potassium	39-2	4299253	4254727	4280263	4278081	0.52	cps
Rhodium	103-1	9314184	9228652	9255514	9266117	0.47	cps
Rhodium	103-2	5517815	5505340	5631173	5551443	1.25	cps
Scandium	45-1	7178517	7215963	7182161	7192214	0.29	cps
Scandium	45-2	643531	645078	646166	644925	0.21	cps
Selenium	82-1	746	874	843	821	8.08	cps
Selenium	77-2	197	253	143	198	27.81	cps
Selenium	78-2	550	537	597	561	5.62	cps
Silicon	28-1	40216070	40633830	40738363	40529421	0.68	cps
Silver	107-1	43562	45076	44391	44343	1.71	cps
Silver	109-1	41168	41877	41426	41490	0.86	cps
Sodium	23-2	255636	258867	259706	258070	0.83	cps
Strontium	86-1	270712	271194	276183	272696	1.11	cps
Strontium	88-1	2325132	2324042	2394799	2347991	1.73	cps
Sulfur	34-1	259345	260094	258046	259162	0.40	cps
Terbium	159-1	11939355	11822750	11803222	11855109	0.62	cps
Terbium	159-2	7829558	7849331	7744067	7807652	0.72	cps
Thallium	203-1	2690	2950	2854	2831	4.64	cps
Thallium	205-1	6555	6798	7232	6862	5.00	cps
Tin	118-1	31241	32229	31979	31816	1.62	cps
Titanium	47-1	4044355	4094056	4070495	4069635	0.61	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4301-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAC1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:48:46

DataFile Name :

030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22002	21985	21928	21972	0.17	cps
Vanadium	51-2	1781739	1744416	1761003	1762386	1.06	cps
Yttrium	89-1	18430063	18161015	18097567	18229548	0.97	cps
Yttrium	89-2	4411500	4392851	4468085	4424145	0.89	cps
Zinc	66-2	417368	413641	415188	415399	0.45	cps
Zirconium	90-1	198679	203192	202770	201547	1.24	cps
Zirconium	91-1	44377	45046	45256	44893	1.02	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4302-09A Instrumnet Name : P7
Client Sample ID : MYDAE1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:53:31 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12743179	12783066	12793689	12773312	0.21	cps
Antimony	121-1	16553	17023	17464	17013	2.68	cps
Arsenic	75-2	86802	87057	87056	86972	0.17	cps
Barium	135-1	1130300	1159245	1156229	1148592	1.39	cps
Barium	137-1	2034778	2043281	2053805	2043954	0.47	cps
Beryllium	9-1	3524	3686	3542	3584	2.47	cps
Bismuth	209-1	6719654	6726293	6666895	6704281	0.49	cps
Bismuth	209-2	5345312	5372389	5368497	5362066	0.27	cps
Bromine	81-1	13416	13736	14020	13724	2.20	cps
Bromine	81-2	937	980	953	957	2.28	cps
Cadmium	108-1	343	397	357	366	7.59	cps
Cadmium	106-1	3951	3767	4071	3929	3.89	cps
Cadmium	111-1	5825	5600	5897	5774	2.69	cps
Calcium	43-1	540364	553061	558343	550589	1.68	cps
Calcium	44-1	8149255	8227182	8396681	8257706	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311581	311839	313820	312414	0.39	cps
Cobalt	59-2	370514	366177	366407	367699	0.66	cps
Copper	63-2	651428	648257	650519	650068	0.25	cps
Dysprosium	156-1	100409	101037	102501	101316	1.06	cps
Dysprosium	156-2	82008	82517	81444	81990	0.65	cps
Erbium	164-1	83655	87264	86291	85737	2.18	cps
Erbium	164-2	58713	58418	58572	58568	0.25	cps
Gadolinium	160-1	95231	97265	97557	96684	1.31	cps
Gadolinium	160-2	70533	69719	69595	69949	0.73	cps
Holmium	165-1	11411264	11479719	11266709	11385898	0.96	cps
Holmium	165-2	7858321	7894751	7878585	7877219	0.23	cps
Indium	115-1	9788304	9843377	9626388	9752690	1.16	cps
Indium	115-2	3362504	3260217	3302060	3308260	1.55	cps
Iron	56-2	495429019	489777459	489923713	491710064	0.66	cps
Iron	57-2	12233389	12133518	11969996	12112301	1.10	cps
Iron	54-2	27072642	26817111	26731006	26873587	0.66	cps
Krypton	83-1	490	443	493	476	5.88	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : P4302-09A Instrumnet Name : P7
Client Sample ID : MYDAE1ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-25 16:53:31 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	605746	616787	614437	612323	0.95	cps
Lead	207-1	557672	560460	567960	562031	0.95	cps
Lead	208-1	2477453	2512873	2516122	2502149	0.86	cps
Lithium	6-1	1575354	1516867	1523177	1538466	2.09	cps
Magnesium	24-2	7715785	7638657	7595987	7650143	0.79	cps
Manganese	55-2	7714479	7551197	7580077	7615251	1.14	cps
Molybdenum	94-1	77762	80831	80999	79864	2.28	cps
Molybdenum	95-1	9116	9206	9603	9309	2.78	cps
Molybdenum	96-1	26731	27463	27406	27200	1.50	cps
Molybdenum	97-1	5838	5594	5785	5739	2.23	cps
Molybdenum	98-1	14207	14581	15245	14677	3.58	cps
Neodymium	150-1	175943	175272	179647	176954	1.33	cps
Neodymium	150-2	101392	100841	101902	101378	0.52	cps
Nickel	60-2	95807	96685	96277	96256	0.46	cps
Phosphorus	31-2	45059	44294	44147	44500	1.10	cps
Potassium	39-2	5779793	5692184	5709460	5727146	0.81	cps
Rhodium	103-1	9335484	9327782	9431034	9364766	0.61	cps
Rhodium	103-2	5645437	5605978	5671649	5641022	0.59	cps
Scandium	45-1	6905258	6718297	6851907	6825154	1.41	cps
Scandium	45-2	620573	620244	618647	619821	0.17	cps
Selenium	82-1	790	820	766	792	3.40	cps
Selenium	77-2	443	440	423	436	2.46	cps
Selenium	78-2	750	690	603	681	10.83	cps
Silicon	28-1	41878847	41512073	41735444	41708788	0.44	cps
Silver	107-1	37525	39226	38986	38579	2.39	cps
Silver	109-1	35687	35834	36182	35901	0.71	cps
Sodium	23-2	287675	288679	289775	288710	0.36	cps
Strontium	86-1	342770	352671	353701	349714	1.73	cps
Strontium	88-1	3030890	3042448	2992375	3021904	0.87	cps
Sulfur	34-1	255444	252045	248918	252136	1.29	cps
Terbium	159-1	11858220	11923639	12081554	11954471	0.96	cps
Terbium	159-2	7793337	7860747	7879674	7844586	0.58	cps
Thallium	203-1	3597	3721	3594	3637	1.99	cps
Thallium	205-1	8383	8503	8953	8613	3.49	cps
Tin	118-1	29527	30917	30075	30173	2.32	cps
Titanium	47-1	2845572	2907543	2943515	2898877	1.71	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

P4302-09A

Instrumnet Name :

P7

Client Sample ID :

MYDAE1ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 16:53:31

DataFile Name :

031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37402	38345	37630	37792	1.30	cps
Vanadium	51-2	976947	977670	977783	977467	0.05	cps
Yttrium	89-1	18541829	18720043	18565484	18609119	0.52	cps
Yttrium	89-2	4563468	4537287	4637185	4579313	1.13	cps
Zinc	66-2	341808	342671	341615	342031	0.16	cps
Zirconium	90-1	202961	209276	231555	214597	7.00	cps
Zirconium	91-1	44109	46376	46640	45709	3.04	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCV020 Instrumnet Name : P7
Client Sample ID : CCV020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:03:59 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14179674	14066999	14092424	14113032	0.42	cps
Antimony	121-1	5757495	5932113	5787606	5825738	1.60	cps
Arsenic	75-2	314527	316706	314438	315224	0.41	cps
Barium	135-1	7209168	7454957	7332726	7332284	1.68	cps
Barium	137-1	12392839	12670025	12717727	12593530	1.39	cps
Beryllium	9-1	1035182	1058605	1061209	1051665	1.36	cps
Bismuth	209-1	6392634	6445268	6398899	6412267	0.45	cps
Bismuth	209-2	5040770	5078877	5111198	5076949	0.69	cps
Bromine	81-1	11488	11394	10931	11271	2.65	cps
Bromine	81-2	113	93	127	111	15.10	cps
Cadmium	108-1	109227	110292	109456	109658	0.51	cps
Cadmium	106-1	157258	160755	160620	159544	1.24	cps
Cadmium	111-1	1465066	1495829	1491014	1483969	1.12	cps
Calcium	43-1	8802812	8911754	8921507	8878691	0.74	cps
Calcium	44-1	138477221	143819038	143564661	141953640	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2634890	2599623	2606994	2613836	0.71	cps
Cobalt	59-2	4203488	4110627	4182227	4165447	1.17	cps
Copper	63-2	28915162	28721323	28832990	28823158	0.34	cps
Dysprosium	156-1	747	660	767	724	7.83	cps
Dysprosium	156-2	497	510	453	487	6.09	cps
Erbium	164-1	227	347	310	294	20.88	cps
Erbium	164-2	200	173	187	187	7.14	cps
Gadolinium	160-1	243	250	280	258	7.58	cps
Gadolinium	160-2	397	390	403	397	1.68	cps
Holmium	165-1	11372452	11356306	11624389	11451049	1.31	cps
Holmium	165-2	7853155	7796786	7843681	7831207	0.39	cps
Indium	115-1	9219758	9261846	9177531	9219712	0.46	cps
Indium	115-2	3085622	3101412	3087434	3091489	0.28	cps
Iron	56-2	548105525	549084605	551355192	549515107	0.30	cps
Iron	57-2	13584191	13683694	13739939	13669274	0.58	cps
Iron	54-2	30273275	30266124	30441196	30326865	0.33	cps
Krypton	83-1	317	323	383	341	10.76	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCV020 Instrumnet Name : P7
Client Sample ID : CCV020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:03:59 DataFile Name : 033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18824728	19436148	19465185	19242020	1.88	cps
Lead	207-1	16644092	17168142	17248904	17020379	1.93	cps
Lead	208-1	76257808	78089971	78255747	77534509	1.43	cps
Lithium	6-1	1570147	1584901	1571230	1575426	0.52	cps
Magnesium	24-2	117772948	118048768	117688118	117836612	0.16	cps
Manganese	55-2	18774839	18613785	18793674	18727433	0.53	cps
Molybdenum	94-1	22562510	22825212	22972438	22786720	0.91	cps
Molybdenum	95-1	33223153	33522680	33851251	33532361	0.94	cps
Molybdenum	96-1	35747322	36329013	36713461	36263265	1.34	cps
Molybdenum	97-1	20255050	20909905	20899451	20688135	1.81	cps
Molybdenum	98-1	52449456	53492176	53208689	53050107	1.02	cps
Neodymium	150-1	343	387	403	378	8.20	cps
Neodymium	150-2	127	127	140	131	5.87	cps
Nickel	60-2	1052677	1048177	1036391	1045748	0.80	cps
Phosphorus	31-2	158500	158810	158420	158577	0.13	cps
Potassium	39-2	77323652	77108059	78138154	77523288	0.70	cps
Rhodium	103-1	8557416	8738427	8673143	8656329	1.06	cps
Rhodium	103-2	5187723	5263517	5201215	5217485	0.77	cps
Scandium	45-1	6279169	6374464	6260558	6304730	0.97	cps
Scandium	45-2	568379	565528	566932	566946	0.25	cps
Selenium	82-1	93936	95225	96343	95168	1.27	cps
Selenium	77-2	9203	9050	9200	9151	0.96	cps
Selenium	78-2	30435	30057	30729	30407	1.11	cps
Silicon	28-1	15815165	16101376	16195686	16037409	1.24	cps
Silver	107-1	7469440	7484769	7352367	7435525	0.97	cps
Silver	109-1	6958441	7005417	6975572	6979810	0.34	cps
Sodium	23-2	200704610	200666510	202088684	201153268	0.40	cps
Strontium	86-1	49133154	49592336	49667036	49464175	0.58	cps
Strontium	88-1	422813140	430747407	432939980	428833509	1.24	cps
Sulfur	34-1	814708	816584	814899	815397	0.13	cps
Terbium	159-1	11784952	11602665	11781046	11722888	0.89	cps
Terbium	159-2	7764590	7796905	7778015	7779837	0.21	cps
Thallium	203-1	4825001	4911125	4985463	4907197	1.64	cps
Thallium	205-1	11464480	11648025	11726900	11613135	1.16	cps
Tin	118-1	4646093	4801942	4763066	4737033	1.71	cps
Titanium	47-1	9267671	9475006	9365331	9369336	1.11	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCV020

Instrumnet Name :

P7

Client Sample ID :

CCV020

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 17:03:59

DataFile Name :

033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15231546	15838941	16017702	15696063	2.63	cps
Vanadium	51-2	2341170	2354034	2362034	2352413	0.45	cps
Yttrium	89-1	16991411	16835417	16813687	16880172	0.57	cps
Yttrium	89-2	4132084	4188098	4105218	4141800	1.02	cps
Zinc	66-2	4483374	4596115	4567493	4548994	1.29	cps
Zirconium	90-1	10509357	10632349	10598551	10580086	0.60	cps
Zirconium	91-1	2320572	2329652	2363707	2337977	0.97	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB020 Instrumnet Name : P7
Client Sample ID : CCB020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:08:20 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2427	2500	2394	2440	2.24	cps
Antimony	121-1	2724	2827	3324	2958	10.85	cps
Arsenic	75-2	23	53	23	33	51.97	cps
Barium	135-1	663	633	630	642	2.86	cps
Barium	137-1	1213	1307	1077	1199	9.65	cps
Beryllium	9-1	116	146	141	134	11.95	cps
Bismuth	209-1	6909854	6843360	6782943	6845386	0.93	cps
Bismuth	209-2	5425335	5453535	5505690	5461520	0.75	cps
Bromine	81-1	10110	10577	10200	10296	2.41	cps
Bromine	81-2	147	127	73	116	32.81	cps
Cadmium	108-1	20	40	20	27	43.30	cps
Cadmium	106-1	3227	3174	3220	3207	0.91	cps
Cadmium	111-1	2422	2394	2434	2416	0.85	cps
Calcium	43-1	1967	1933	1730	1877	6.83	cps
Calcium	44-1	47034	47030	46248	46771	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1207	1093	1087	1129	5.97	cps
Cobalt	59-2	450	403	437	430	5.59	cps
Copper	63-2	3564	3607	3357	3509	3.81	cps
Dysprosium	156-1	433	353	510	432	18.13	cps
Dysprosium	156-2	47	100	107	84	38.94	cps
Erbium	164-1	57	103	70	77	31.35	cps
Erbium	164-2	47	43	97	62	48.02	cps
Gadolinium	160-1	40	63	67	57	25.64	cps
Gadolinium	160-2	283	267	260	270	4.45	cps
Holmium	165-1	11220901	11183785	11067825	11157504	0.72	cps
Holmium	165-2	7836456	7685401	7799188	7773682	1.01	cps
Indium	115-1	9528812	9672861	9599801	9600491	0.75	cps
Indium	115-2	3351166	3309210	3313041	3324472	0.70	cps
Iron	56-2	77039	72554	72356	73983	3.58	cps
Iron	57-2	3550	3597	3447	3532	2.17	cps
Iron	54-2	5544	5244	5014	5268	5.05	cps
Krypton	83-1	300	247	323	290	13.55	cps

LB Number : LB133137 Operator : Jaswal
Lab Sample ID : CCB020 Instrumnet Name : P7
Client Sample ID : CCB020 Dilution Factor : 1
Date & Time Acquired : 2024-10-25 17:08:20 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2247	2394	2050	2230	7.73	cps
Lead	207-1	2137	2047	1730	1971	10.84	cps
Lead	208-1	9251	9188	8394	8945	5.34	cps
Lithium	6-1	1599429	1644653	1607068	1617050	1.50	cps
Magnesium	24-2	9850	9139	8349	9113	8.24	cps
Manganese	55-2	2630	2407	2464	2500	4.64	cps
Molybdenum	94-1	2587	2547	2607	2580	1.18	cps
Molybdenum	95-1	3284	3210	3107	3200	2.77	cps
Molybdenum	96-1	3554	3617	3354	3508	3.92	cps
Molybdenum	97-1	1943	1883	1747	1858	5.43	cps
Molybdenum	98-1	5131	4814	4564	4836	5.87	cps
Neodymium	150-1	0	23	17	13	90.13	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	260	270	250	260	3.85	cps
Phosphorus	31-2	183	143	143	157	14.74	cps
Potassium	39-2	91114	90440	90075	90543	0.58	cps
Rhodium	103-1	9467615	9372925	9367521	9402687	0.60	cps
Rhodium	103-2	5730232	5626418	5625980	5660877	1.06	cps
Scandium	45-1	6318002	6311373	6364921	6331432	0.46	cps
Scandium	45-2	563486	561940	559212	561546	0.39	cps
Selenium	82-1	502	550	509	520	4.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	397	373	413	394	5.09	cps
Silicon	28-1	330467	324257	325144	326623	1.03	cps
Silver	107-1	1000	927	860	929	7.54	cps
Silver	109-1	803	720	570	698	16.95	cps
Sodium	23-2	79815	78264	78073	78717	1.21	cps
Strontium	86-1	4334	4227	4044	4202	3.49	cps
Strontium	88-1	33254	31784	29774	31604	5.53	cps
Sulfur	34-1	272245	268439	270797	270494	0.71	cps
Terbium	159-1	11716209	11490040	11666957	11624402	1.02	cps
Terbium	159-2	7662668	7654782	7721271	7679574	0.47	cps
Thallium	203-1	887	920	797	868	7.35	cps
Thallium	205-1	2017	1997	1813	1942	5.77	cps
Tin	118-1	3027	3310	3597	3312	8.61	cps
Titanium	47-1	1090	1067	920	1026	8.99	cps

LB Number :

LB133137

Operator :

Jaswal

Lab Sample ID :

CCB020

Instrumnet Name :

P7

Client Sample ID :

CCB020

Dilution Factor :

1

Date & Time Acquired :

2024-10-25 17:08:20

DataFile Name :

034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1177	1143	860	1060	16.42	cps
Vanadium	51-2	240	170	147	186	26.18	cps
Yttrium	89-1	16539504	16806677	16700877	16682353	0.81	cps
Yttrium	89-2	4180892	4139730	4157564	4159395	0.50	cps
Zinc	66-2	2198	2114	2201	2171	2.26	cps
Zirconium	90-1	2394	2450	2497	2447	2.12	cps
Zirconium	91-1	533	507	530	523	2.78	cps