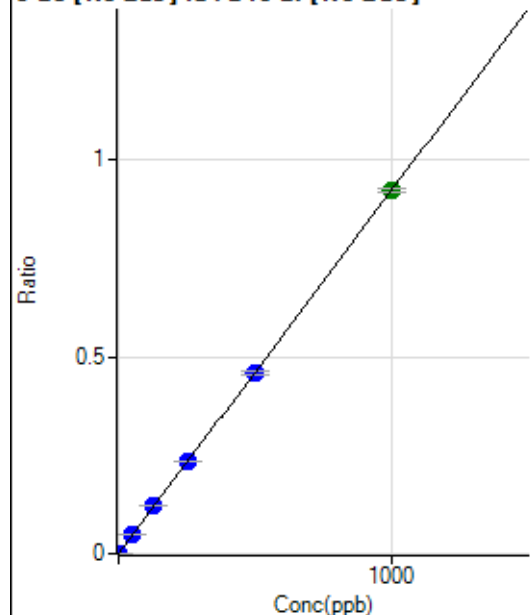


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7011425MS2.b\
Analysis File: P7011425MS2.batch.bin
DA Date-Time: 2025-01-14 14:51:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-14 12:27:47
2	006CALS.d	S02	2025-01-14 12:34:20
3	007CALS.d	S03	2025-01-14 12:37:36
4	008CALS.d	S04	2025-01-14 12:40:38
5	009CALS.d	S05	2025-01-14 12:43:29
6	010CALS.d	S06	2025-01-14 12:46:18
7	011CALS.d	S07	2025-01-14 12:49:02
8	012CALS.d	S08	2025-01-14 12:51:48

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	156.67	0.0001	P	2.5
2	☐	1.000	1.127	1342.30	0.0012	P	2.9
3	☐	50.000	53.466	57508.08	0.0495	P	0.7
4	☐	125.000	131.776	143046.69	0.1218	P	1.9
5	☐	250.000	254.588	274822.23	0.2352	P	1.2
6	☐	500.000	498.177	517760.99	0.4600	P	2.6
7	☐	1000.000	998.744	1032293.90	0.9221	A	1.2
8	☐			521.12	0.0005	P	11.0

$$y = 9.2316E-004 * x + 1.4045E-004$$

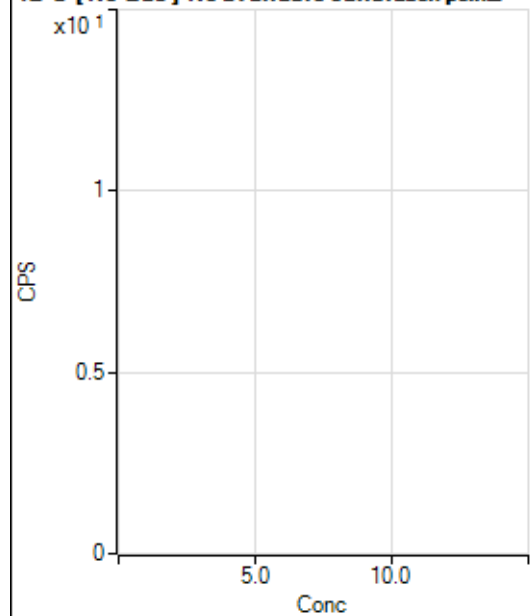
$$R = 1.0000$$

$$DL = 0.01163$$

Weight: <None>

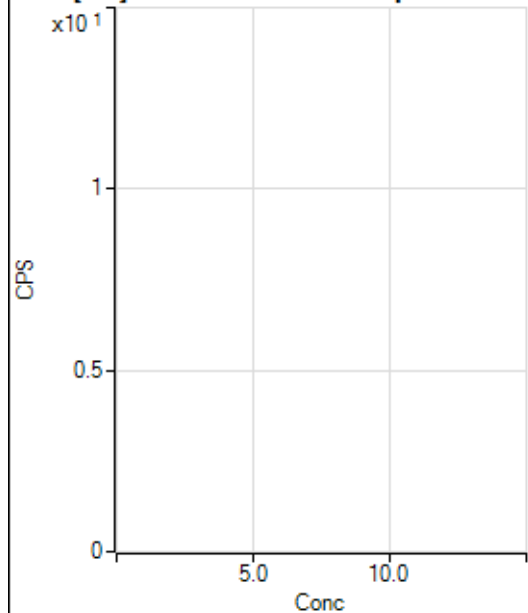
Min Conc: 0

12 C [No Gas] No available calibration points



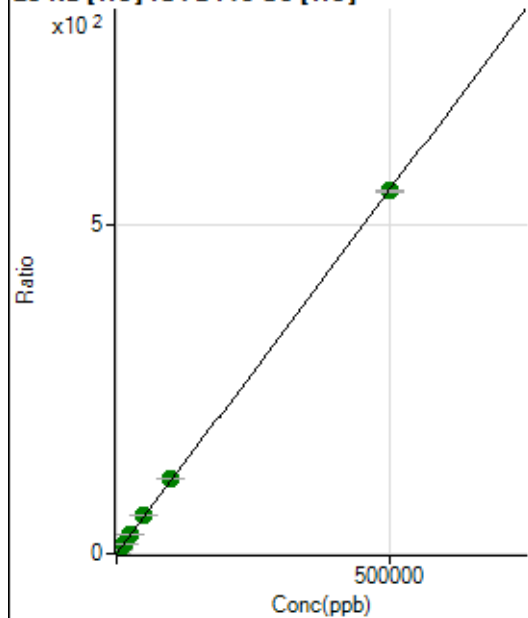
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	37081.20	0.0674	P	1.3
2	☐	500.000	513.821	353605.58	0.6359	P	0.5
3	☐	5000.000	5286.098	3132471.34	5.9160	A	0.5
4	☐	12500.000	13278.921	7676528.71	14.7593	A	0.8
5	☐	25000.000	26342.510	14481067.98	29.2130	A	0.9
6	☐	50000.000	52877.747	27576993.20	58.5718	A	1.0
7	☐	100000.00	103488.57	54797574.74	114.5681	A	0.8
8	☐	500000.00	498925.03	275138638.1	552.0828	A	0.3

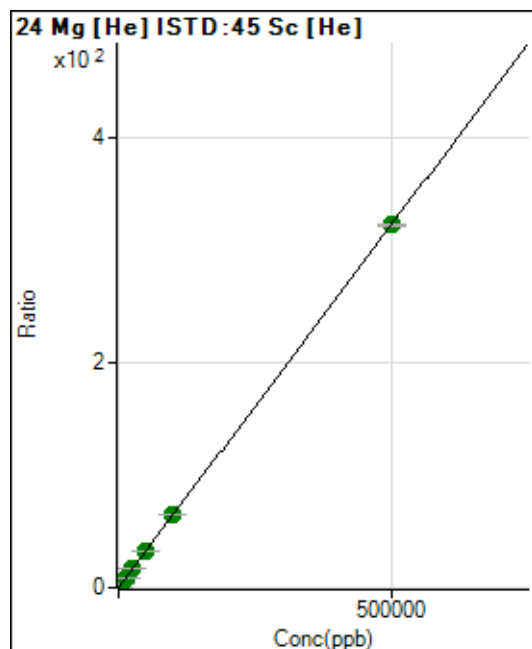
$$y = 0.0011 * x + 0.0674$$

$$R = 1.0000$$

$$DL = 2.3$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14969.60	0.0272	P	1.1
2	☐	500.000	550.205	212627.45	0.3824	P	0.4
3	☐	5000.000	5172.087	1782156.34	3.3658	A	1.6
4	☐	12500.000	12957.797	4364477.68	8.3915	A	0.4
5	☐	25000.000	25758.430	8256015.43	16.6544	A	0.6
6	☐	50000.000	51226.375	15581531.71	33.0940	A	0.5
7	☐	100000.00	100559.34	31059507.04	64.9386	A	1.1
8	☐	500000.00	499714.35	160769310.9	322.5946	A	0.3

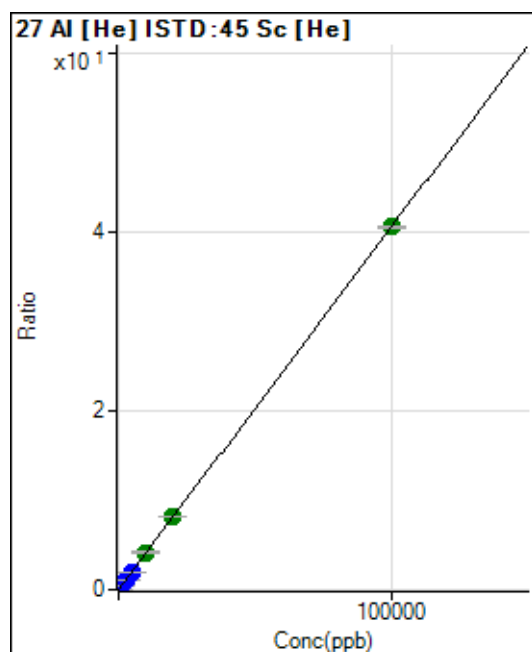
$$y = 6.4550\text{E-}004 * x + 0.0272$$

R = 1.0000

DL = 1.423

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1959.04	0.0036	P	4.7
2	☐	20.000	20.802	6670.40	0.0120	P	1.1
3	☐	1000.000	1006.363	217951.90	0.4116	P	0.3
4	☐	2500.000	2543.303	538219.95	1.0348	P	0.2
5	☐	5000.000	4977.462	1002239.54	2.0218	P	0.3
6	☐	10000.000	10273.368	1962925.72	4.1692	A	1.8
7	☐	20000.000	19943.803	3869645.36	8.0904	A	0.5
8	☐	100000.00	99983.883	20206333.31	40.5451	A	0.6

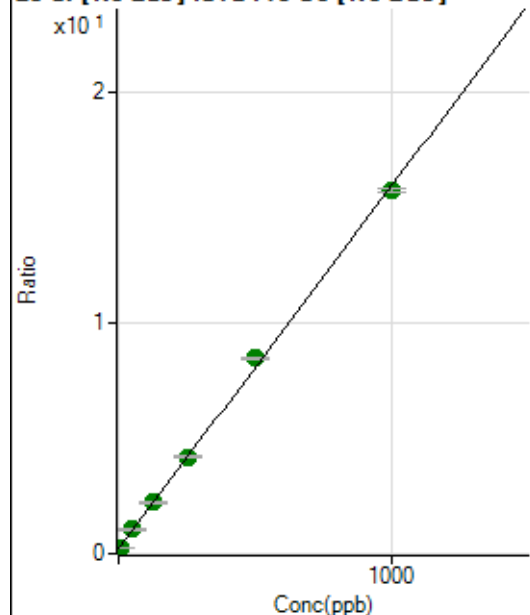
$$y = 4.0548\text{E-}004 * x + 0.0036$$

R = 1.0000

DL = 1.231

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	1174516.87	0.2113	A	2.7
2	☐	10.000	0.145	1205179.65	0.2136	A	2.6
3	☐	50.000	52.886	5754344.36	1.0416	A	1.3
4	☐	125.000	127.262	11668046.35	2.2092	A	1.1
5	☐	250.000	253.352	21331248.57	4.1887	A	2.0
6	☐	500.000	524.710	40699038.56	8.4488	A	1.8
7	☐	1000.000	986.479	73793768.90	15.6981	A	1.1
8	☐			653587.71	0.1345	P	1.6

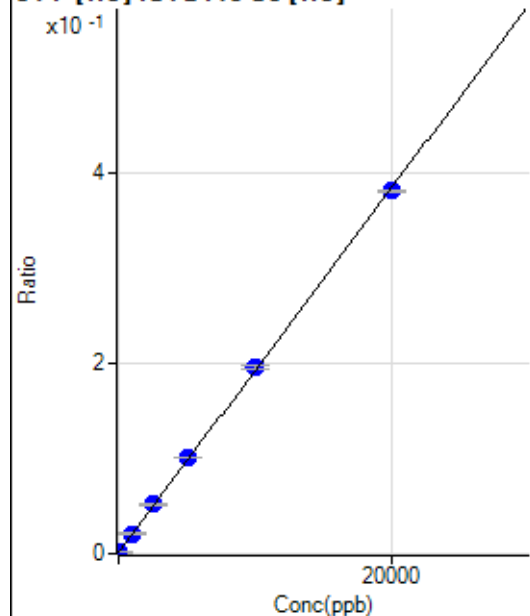
$$y = 0.0157 * x + 0.2113$$

$$R = 0.9994$$

$$DL = 1.098$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.369	404.45	0.0007	P	4.1
2	☐	0.000	17.369	777.81	0.0014	P	12.5
3	☐	1000.000	1044.833	11143.04	0.0210	P	2.0
4	☐	2500.000	2636.872	26776.83	0.0515	P	0.8
5	☐	5000.000	5201.775	49831.87	0.1005	P	0.3
6	☐	10000.000	10178.535	92127.35	0.1957	P	1.5
7	☐	20000.000	19840.938	181952.94	0.3804	P	0.7
8	☐			523.35	0.0011	P	15.1

$$y = 1.9120E-005 * x + 0.0011$$

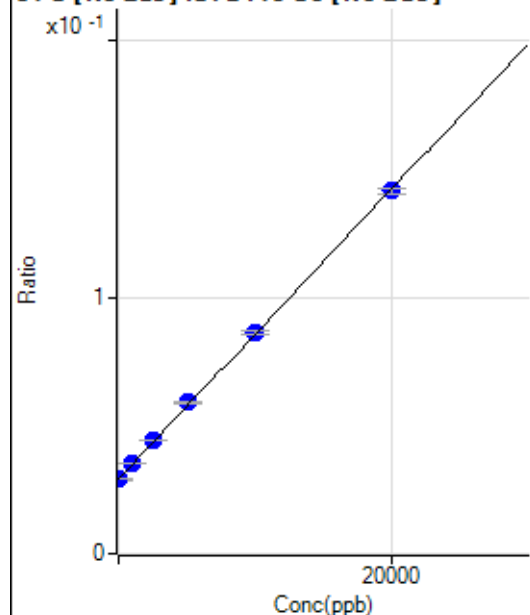
$$R = 0.9999$$

$$DL = 16.06$$

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	-40.012	160330.70	0.0288	P	1.8
2	☐	0.000	40.012	165325.49	0.0293	P	0.6
3	☐	1000.000	1064.169	193883.33	0.0351	P	0.7
4	☐	2500.000	2647.122	232627.13	0.0440	P	0.5
5	☐	5000.000	5271.382	299899.01	0.0589	P	1.3
6	☐	10000.000	10108.602	415458.97	0.0862	P	1.3
7	☐	20000.000	19856.255	664503.45	0.1414	P	1.5
8	☐			116728.06	0.0240	P	1.4

$$y = 5.6550E-006 * x + 0.0291$$

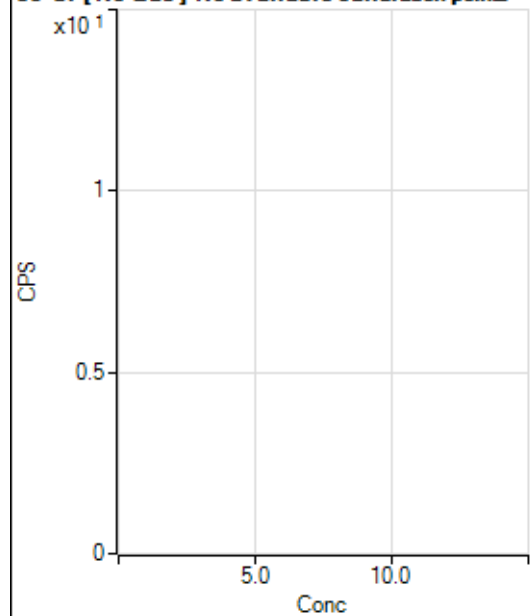
R = 0.9999

DL = 180.1

Weight: <None>

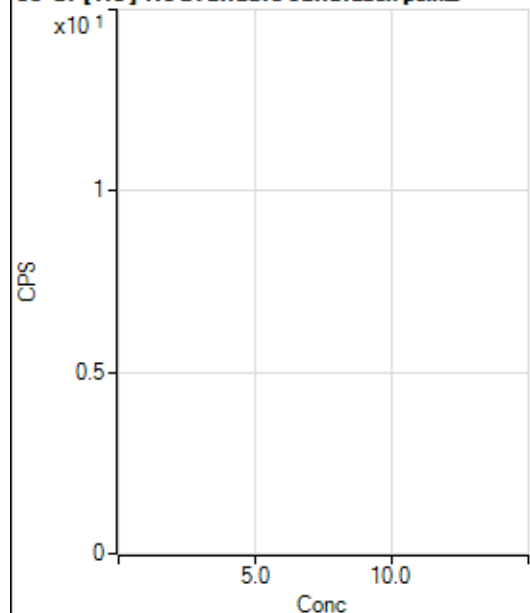
Min Conc: 0

35 Cl [No Gas] No available calibration points



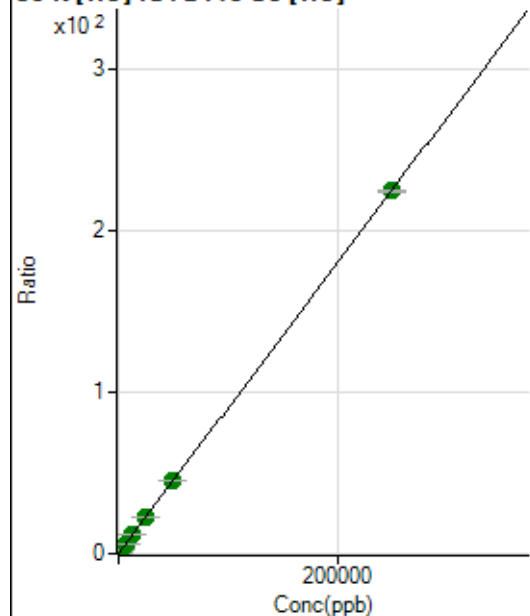
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	63262.94	0.1150	P	0.5
2	☐	500.000	554.565	340964.26	0.6131	P	0.2
3	☐	2500.000	2597.039	1296134.34	2.4479	A	0.7
4	☐	6250.000	6565.497	3127331.38	6.0128	A	1.0
5	☐	12500.000	12747.439	5733512.07	11.5660	A	0.5
6	☐	25000.000	25415.137	10803196.58	22.9454	A	0.6
7	☐	50000.000	49840.141	21469488.57	44.8865	A	0.4
8	☐	250000.00	249969.11	111963480.5	224.6627	A	0.5

$$y = 8.9830E-004 * x + 0.1150$$

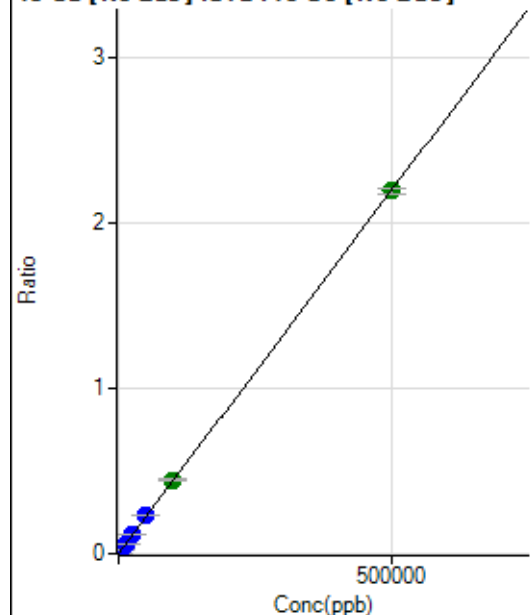
$$R = 1.0000$$

$$DL = 1.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1255.62	0.0002	P	1.9
2	☐	500.000	558.056	15098.73	0.0027	P	2.4
3	☐	5000.000	5295.080	129679.08	0.0235	P	1.5
4	☐	12500.000	13295.712	309494.18	0.0586	P	1.5
5	☐	25000.000	26440.155	592333.49	0.1163	P	1.9
6	☐	50000.000	52208.211	1105213.39	0.2294	P	2.3
7	☐	100000.00	101389.39	2093501.32	0.4454	A	2.6
8	☐	500000.00	499406.39	10651886.30	2.1929	A	1.9

$$y = 4.3905E-006 * x + 2.2588E-004$$

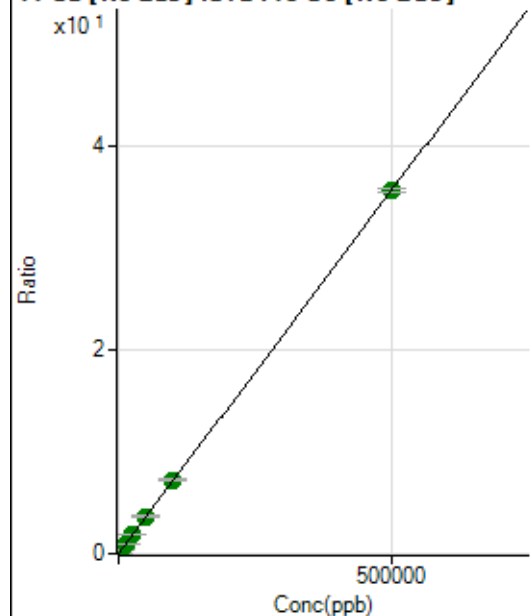
R = 1.0000

DL = 2.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27473.20	0.0049	P	2.6
2	☐	500.000	557.971	252281.81	0.0447	P	1.5
3	☐	5000.000	5113.684	2041135.32	0.3694	A	0.6
4	☐	12500.000	12903.929	4883785.80	0.9247	A	1.0
5	☐	25000.000	25839.799	9404859.37	1.8467	A	1.7
6	☐	50000.000	51234.042	17614773.90	3.6568	A	1.9
7	☐	100000.00	101393.02	33995377.27	7.2320	A	1.9
8	☐	500000.00	499544.70	172988877.4	35.6113	A	0.9

$$y = 7.1278E-005 * x + 0.0049$$

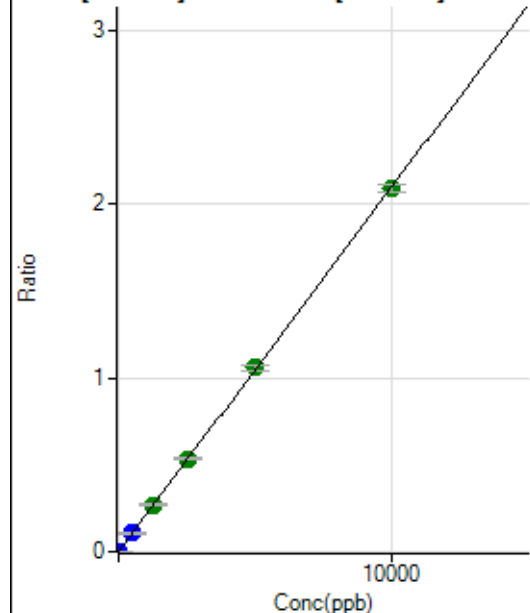
R = 1.0000

DL = 5.439

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	1031.16	0.0002	P	9.2
2	☐	5.000	5.340	7356.30	0.0013	P	2.5
3	☐	500.000	500.708	580211.53	0.1050	P	1.5
4	☐	1250.000	1287.184	1424445.12	0.2697	A	2.3
5	☐	2500.000	2555.790	2726499.33	0.5353	A	1.0
6	☐	5000.000	5051.697	5095403.05	1.0580	A	3.0
7	☐	10000.000	9955.521	9799509.51	2.0848	A	2.2
8	☐			3770.51	0.0008	P	13.9

$$y = 2.0939E-004 * x + 1.8560E-004$$

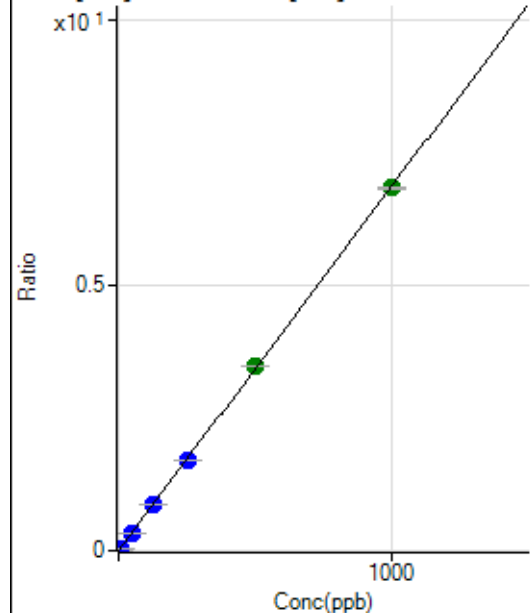
$$R = 1.0000$$

$$DL = 0.2438$$

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	303.34	0.0006	P	11.8
2	☐	5.000	5.333	20624.18	0.0371	P	1.5
3	☐	50.000	50.001	181666.55	0.3431	P	0.1
4	☐	125.000	126.917	452509.55	0.8700	P	0.6
5	☐	250.000	250.244	850125.92	1.7149	P	0.2
6	☐	500.000	506.427	1633733.47	3.4700	A	0.8
7	☐	1000.000	996.484	3265476.51	6.8272	A	0.7
8	☐			1180.06	0.0024	P	11.6

$$y = 0.0069 * x + 5.5126E-004$$

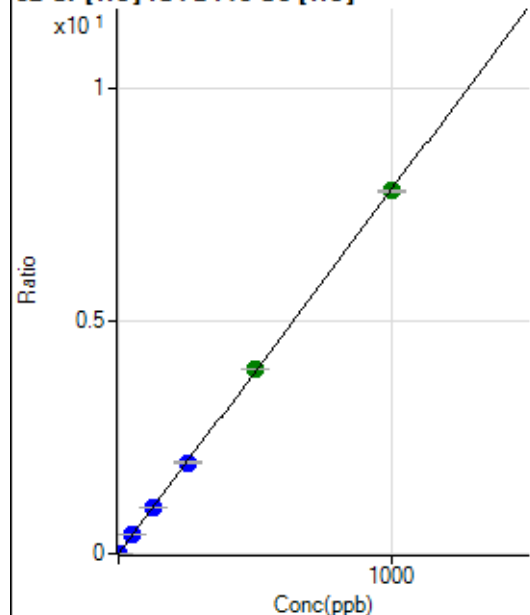
$$R = 1.0000$$

$$DL = 0.02853$$

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	1122.28	0.0020	P	5.0
2	☐	2.000	2.156	10494.84	0.0189	P	3.7
3	☐	50.000	50.567	210140.77	0.3969	P	0.4
4	☐	125.000	127.617	519319.55	0.9985	P	0.7
5	☐	250.000	250.430	970313.43	1.9574	P	0.3
6	☐	500.000	506.549	1863175.82	3.9572	A	0.5
7	☐	1000.000	996.262	3721649.77	7.7810	A	0.7
8	☐			8535.80	0.0171	P	4.5

$$y = 0.0078 * x + 0.0020$$

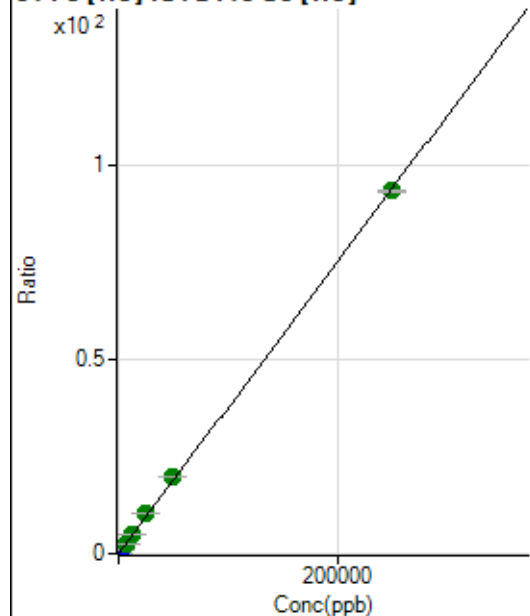
$$R = 1.0000$$

$$DL = 0.03935$$

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	6371.41	0.0116	P	1.7
2	☐	50.000	61.028	19144.50	0.0344	P	1.0
3	☐	2500.000	2794.172	560049.83	1.0577	P	0.7
4	☐	6250.000	6960.243	1361385.22	2.6175	A	1.7
5	☐	12500.000	13709.475	2549992.90	5.1444	A	1.1
6	☐	25000.000	27131.393	4788103.99	10.1696	A	0.3
7	☐	50000.000	53224.599	9536745.55	19.9389	A	0.7
8	☐	250000.00	249060.76	46478051.53	93.2601	A	0.3

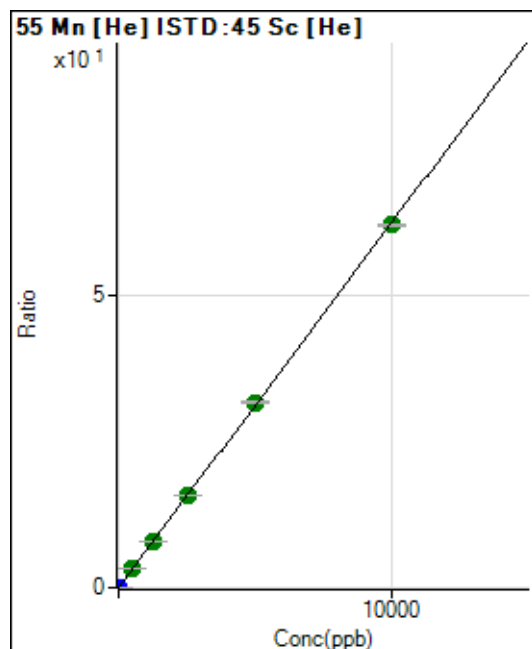
$$y = 3.7440E-004 * x + 0.0116$$

$$R = 0.9999$$

$$DL = 1.542$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2932.54	0.0053	P	8.5
2	☐	1.000	1.105	6801.60	0.0122	P	1.5
3	☐	500.000	501.298	1660753.87	3.1365	A	0.2
4	☐	1250.000	1283.115	4171149.45	8.0197	A	0.7
5	☐	2500.000	2525.913	7823644.05	15.7823	A	0.5
6	☐	5000.000	5084.284	14954305.33	31.7620	A	0.3
7	☐	10000.000	9947.175	29720116.50	62.1359	A	0.6
8	☐			18530.39	0.0372	P	2.4

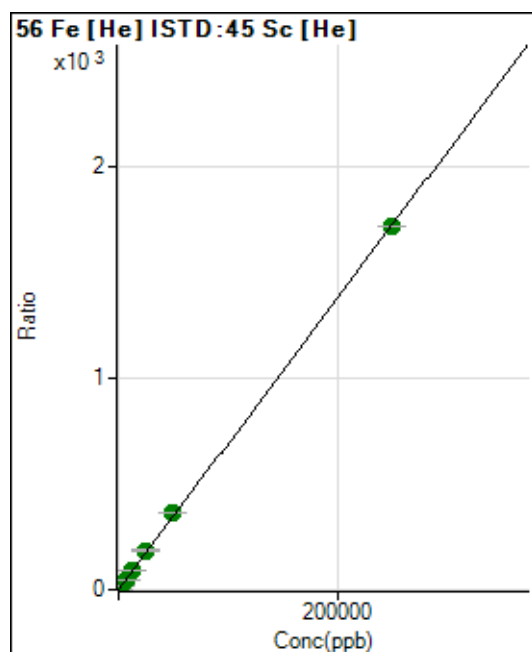
$$y = 0.0062 * x + 0.0053$$

$$R = 0.9999$$

$$DL = 0.2171$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94120.05	0.1711	P	0.7
2	☐	50.000	58.384	318643.24	0.5730	P	0.3
3	☐	2500.000	2689.335	9894304.16	18.6865	A	0.4
4	☐	6250.000	6873.462	24701755.74	47.4932	A	0.6
5	☐	12500.000	13408.862	45847285.99	92.4878	A	0.3
6	☐	25000.000	27014.109	87646760.92	186.1566	A	0.4
7	☐	50000.000	52409.489	172665906.3	360.9976	A	0.5
8	☐	250000.00	249253.76	855310147.2	1,716.222	A	0.2

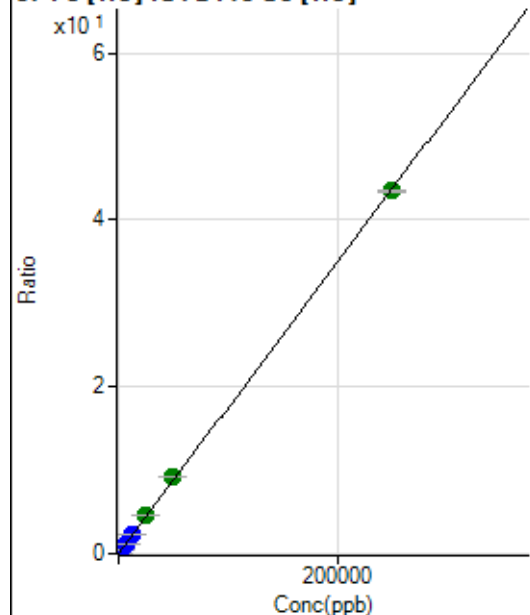
$$y = 0.0069 * x + 0.1711$$

$$R = 0.9999$$

$$DL = 0.5181$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3341.51	0.0061	P	1.8
2	☐	50.000	60.808	9277.37	0.0167	P	1.1
3	☐	2500.000	2741.341	256477.33	0.4844	P	0.6
4	☐	6250.000	6951.049	633960.56	1.2189	P	0.3
5	☐	12500.000	13653.295	1183929.60	2.3883	P	0.1
6	☐	25000.000	26863.077	2209670.26	4.6932	A	1.2
7	☐	50000.000	52622.615	4394601.71	9.1877	A	0.4
8	☐	250000.00	249211.56	21673295.24	43.4888	A	0.7

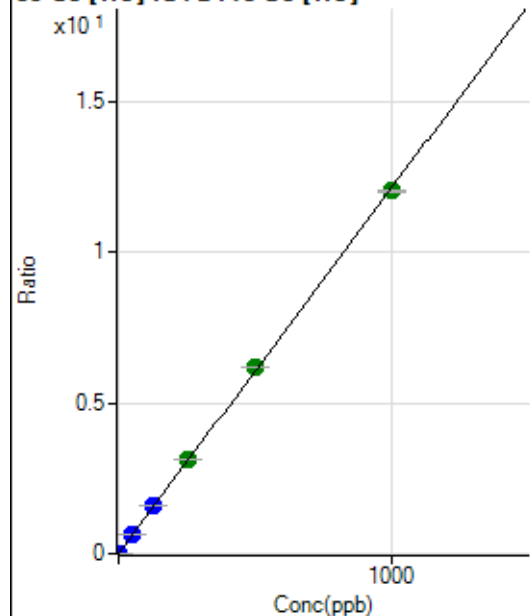
$$y = 1.7448\text{E-}004 * x + 0.0061$$

$$R = 0.9999$$

$$DL = 1.924$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	600.02	0.0011	P	14.0
2	☐	1.000	1.163	8435.77	0.0152	P	1.6
3	☐	50.000	50.941	327245.58	0.6180	P	0.3
4	☐	125.000	129.060	813528.31	1.5641	P	0.4
5	☐	250.000	258.212	1550765.03	3.1283	A	0.5
6	☐	500.000	509.992	2908576.03	6.1776	A	0.6
7	☐	1000.000	992.396	5749227.20	12.0201	A	0.4
8	☐			16634.86	0.0334	P	1.3

$$y = 0.0121 * x + 0.0011$$

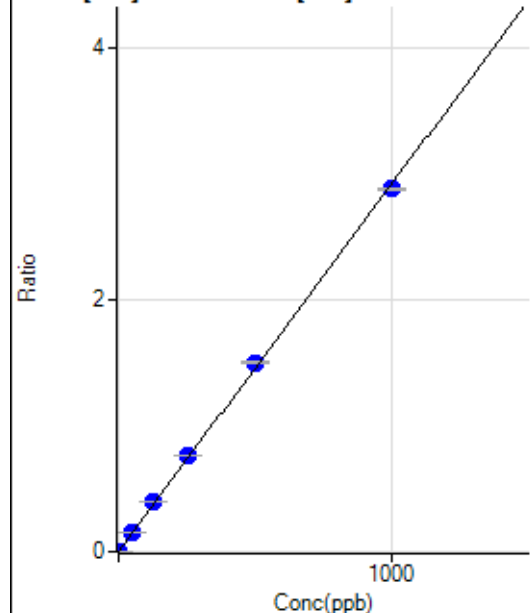
$$R = 0.9999$$

$$DL = 0.03786$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	484.46	0.0009	P	7.7
2	☐	1.000	1.155	2360.21	0.0042	P	3.6
3	☐	50.000	53.489	82989.88	0.1567	P	0.4
4	☐	125.000	134.569	204392.11	0.3930	P	0.5
5	☐	250.000	262.980	380280.63	0.7671	P	0.3
6	☐	500.000	515.256	707273.22	1.5022	P	0.6
7	☐	1000.000	987.757	1377011.91	2.8790	P	0.5
8	☐			7579.76	0.0152	P	3.7

$$y = 0.0029 * x + 8.8041E-004$$

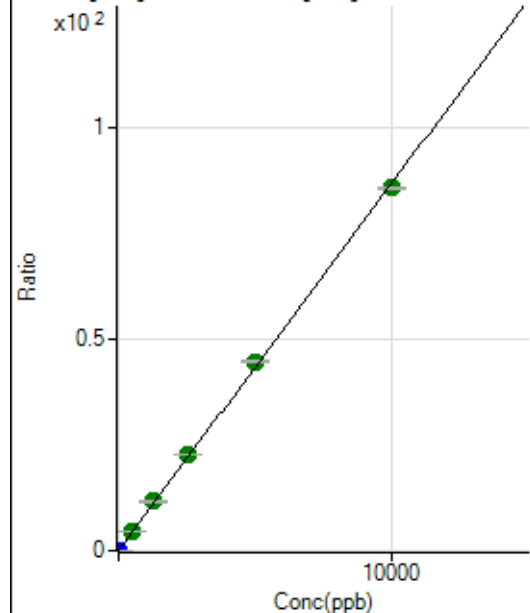
$$R = 0.9997$$

$$DL = 0.07018$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5618.88	0.0102	P	2.7
2	☐	2.000	2.061	15611.57	0.0281	P	0.4
3	☐	500.000	531.090	2442391.75	4.6127	A	0.2
4	☐	1250.000	1336.946	6031398.73	11.5964	A	0.9
5	☐	2500.000	2617.488	11249486.08	22.6937	A	0.6
6	☐	5000.000	5149.019	21013732.74	44.6322	A	0.9
7	☐	10000.000	9883.696	40973261.34	85.6635	A	0.5
8	☐			15539.30	0.0312	P	6.4

$$y = 0.0087 * x + 0.0102$$

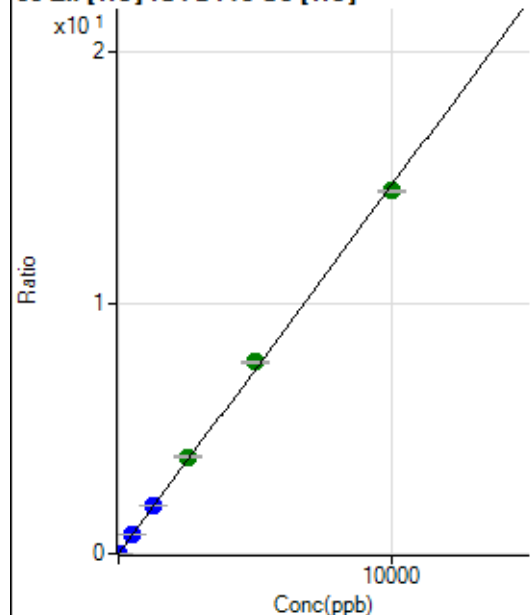
$$R = 0.9997$$

$$DL = 0.09584$$

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	976.71	0.0018	P	11.7
2	☐	5.000	5.728	5662.24	0.0102	P	2.2
3	☐	500.000	521.882	406472.01	0.7677	P	0.5
4	☐	1250.000	1309.515	1000462.42	1.9236	P	0.6
5	☐	2500.000	2631.238	1915091.38	3.8633	A	0.6
6	☐	5000.000	5209.768	3600539.08	7.6474	A	0.9
7	☐	10000.000	9853.772	6917671.01	14.4627	A	0.4
8	☐			11256.54	0.0226	P	1.5

$$y = 0.0015 * x + 0.0018$$

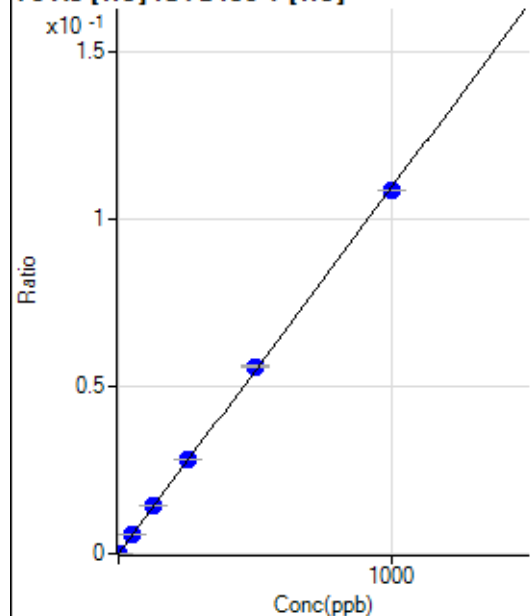
$$R = 0.9996$$

$$DL = 0.4255$$

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	72.22	0.0000	P	18.6
2	☐	1.000	1.042	651.13	0.0001	P	2.9
3	☐	50.000	52.601	28386.02	0.0058	P	1.5
4	☐	125.000	132.118	70083.13	0.0145	P	0.7
5	☐	250.000	258.031	131089.25	0.0283	P	1.1
6	☐	500.000	511.809	249904.31	0.0561	P	1.1
7	☐	1000.000	991.068	490424.62	0.1086	P	0.1
8	☐			343.34	0.0001	P	2.8

$$y = 1.0958E-004 * x + 1.4380E-005$$

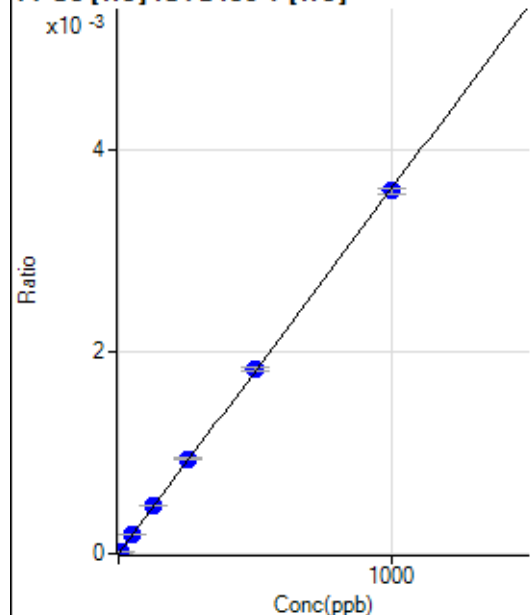
$$R = 0.9998$$

$$DL = 0.07326$$

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	4.44	0.0000	P	114.
2	☐	5.000	5.285	101.11	0.0000	P	1.7
3	☐	50.000	52.395	933.37	0.0002	P	3.3
4	☐	125.000	132.041	2309.10	0.0005	P	1.6
5	☐	250.000	258.992	4336.23	0.0009	P	2.5
6	☐	500.000	505.898	8137.85	0.0018	P	2.6
7	☐	1000.000	993.802	16200.05	0.0036	P	1.3
8	☐			5.56	0.0000	P	91.7

$$y = 3.6097E-006 * x + 8.8198E-007$$

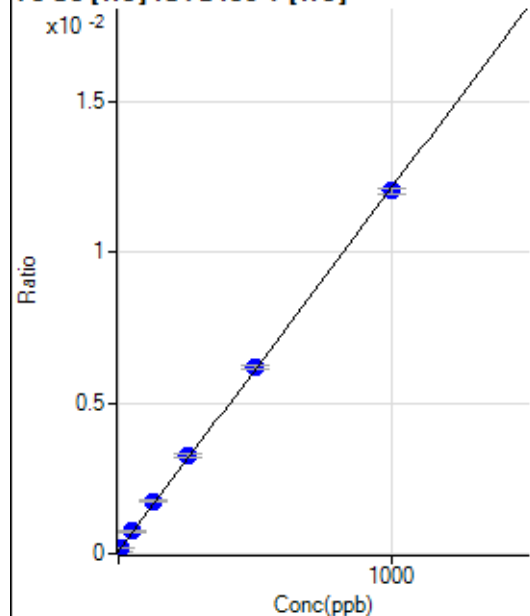
$$R = 0.9999$$

$$DL = 0.8403$$

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	451.12	0.0001	P	2.6
2	☐	5.000	6.503	852.26	0.0002	P	4.5
3	☐	50.000	53.522	3609.36	0.0007	P	4.9
4	☐	125.000	135.643	8336.88	0.0017	P	3.7
5	☐	250.000	261.875	15036.61	0.0032	P	2.7
6	☐	500.000	507.309	27624.69	0.0062	P	1.8
7	☐	1000.000	991.863	54354.84	0.0120	P	1.7
8	☐			355.56	0.0001	P	5.5

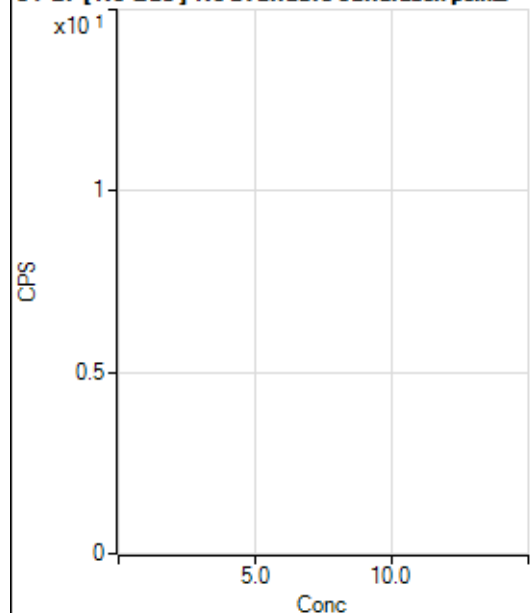
$$y = 1.2047E-005 * x + 8.9900E-005$$

$$R = 0.9999$$

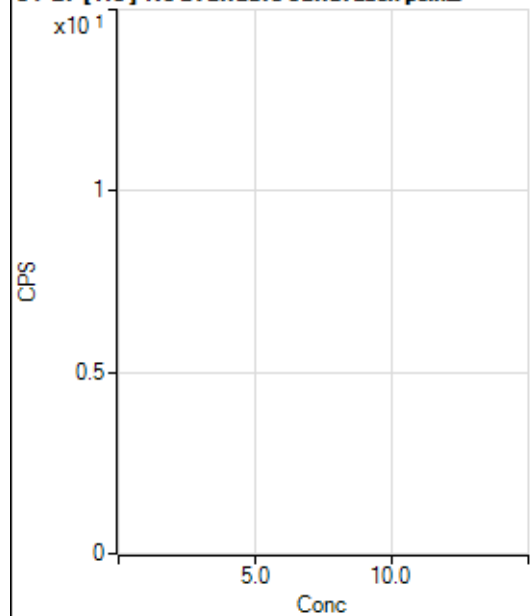
$$DL = 0.5781$$

Weight: <None>

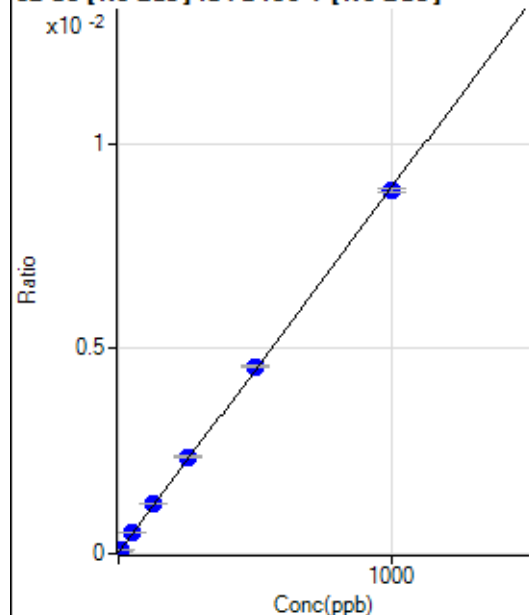
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15502.68		P	0.3
2	☐			16047.72		P	4.2
3	☐			15860.82		P	2.6
4	☐			15294.70		P	1.1
5	☐			14144.66		P	2.2
6	☐			12683.32		P	1.7
7	☐			12383.05		P	0.6
8	☐			13390.62		P	2.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	28.3
2	☐			165.56		P	23.3
3	☐			141.11		P	19.1
4	☐			150.00		P	8.0
5	☐			117.78		P	12.8
6	☐			107.78		P	26.7
7	☐			102.22		P	11.5
8	☐			165.56		P	1.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	521.01	0.0000	P	10.4
2	☐	5.000	5.533	1377.25	0.0001	P	1.6
3	☐	50.000	53.848	8645.55	0.0005	P	2.0
4	☐	125.000	134.750	20476.06	0.0012	P	1.1
5	☐	250.000	262.547	38380.28	0.0024	P	0.4
6	☐	500.000	509.331	70987.00	0.0046	P	1.3
7	☐	1000.000	990.784	133680.44	0.0088	P	1.0
8	☐			602.00	0.0000	P	9.0

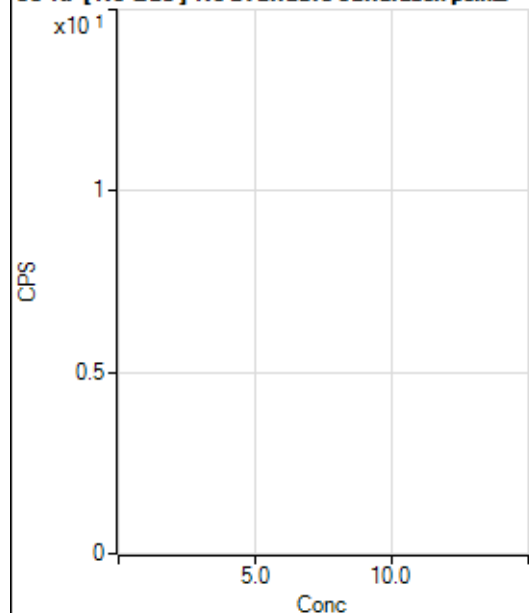
$$y = 8.8934\text{E-}006 * x + 3.0420\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.07$$

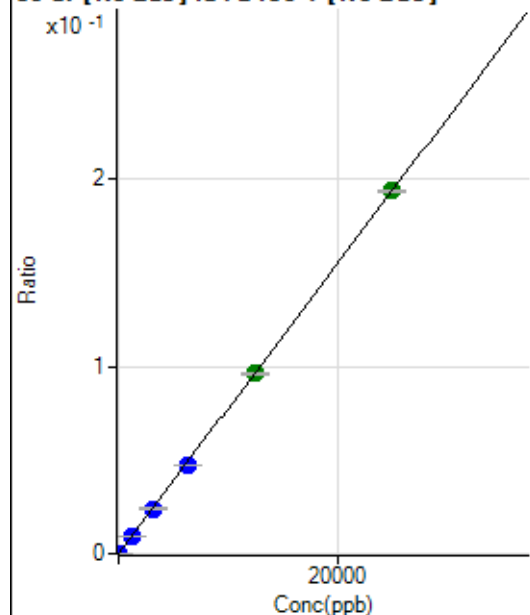
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			188.89		P	16.8
2	☐			194.45		P	2.6
3	☐			156.67		P	20.3
4	☐			155.56		P	8.1
5	☐			170.00		P	23.1
6	☐			153.34		P	22.1
7	☐			155.56		P	8.7
8	☐			184.45		P	30.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	543.35	0.0000	P	3.3
2	☐	1.000	26.548	4093.94	0.0002	P	2.1
3	☐	1250.000	1232.957	162121.27	0.0096	P	1.6
4	☐	3125.000	3110.694	400683.51	0.0240	P	1.7
5	☐	6250.000	6153.315	771308.94	0.0475	P	0.4
6	☐	12500.000	12426.920	1493839.66	0.0960	A	1.8
7	☐	25000.000	25063.351	2925878.64	0.1935	A	0.9
8	☐			9404.19	0.0006	P	1.9

$$y = 7.7201\text{E-}006 * x + 3.1745\text{E-}005$$

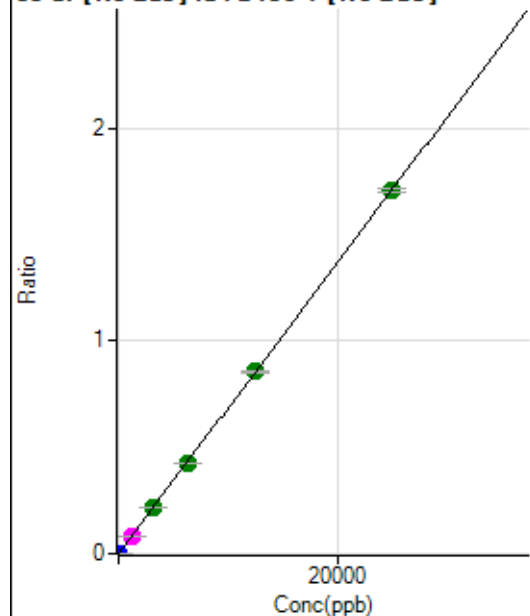
$$R = 1.0000$$

$$DL = 0.4044$$

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	2347.99	0.0001	P	3.0
2	☐	1.000	26.255	33365.64	0.0019	P	1.1
3	☐	1250.000	1247.188	1447506.14	0.0853	M	0.2
4	☐	3125.000	3173.315	3611170.99	0.2167	A	2.0
5	☐	6250.000	6269.012	6944928.16	0.4280	A	0.5
6	☐	12500.000	12518.028	13301165.91	0.8545	A	1.9
7	☐	25000.000	24980.333	25779451.00	1.7051	A	1.0
8	☐			81528.73	0.0053	P	1.5

$$y = 6.8252\text{E-}005 * x + 1.3720\text{E-}004$$

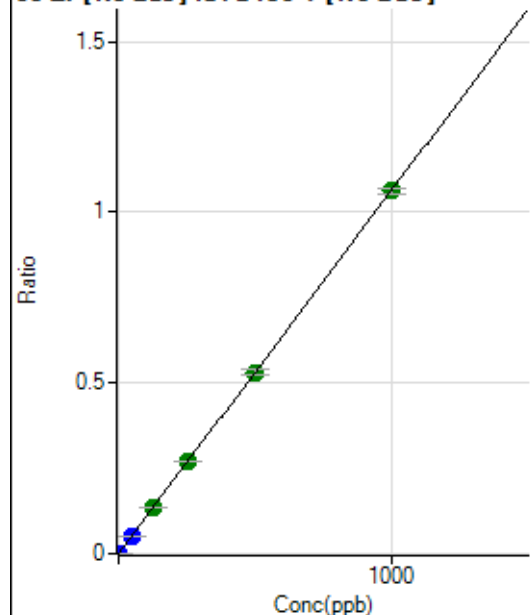
$$R = 1.0000$$

$$DL = 0.1822$$

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	1904.59	0.0001	P	6.6
2	☐	1.000	0.986	20063.78	0.0012	P	1.5
3	☐	50.000	49.599	897668.80	0.0529	P	1.3
4	☐	125.000	127.655	2264830.64	0.1359	A	1.7
5	☐	250.000	253.196	4372624.45	0.2695	A	0.2
6	☐	500.000	500.048	8282093.28	0.5321	A	2.5
7	☐	1000.000	998.865	16068176.29	1.0628	A	1.4
8	☐			13764.34	0.0009	P	5.5

$$y = 0.0011 * x + 1.1131E-004$$

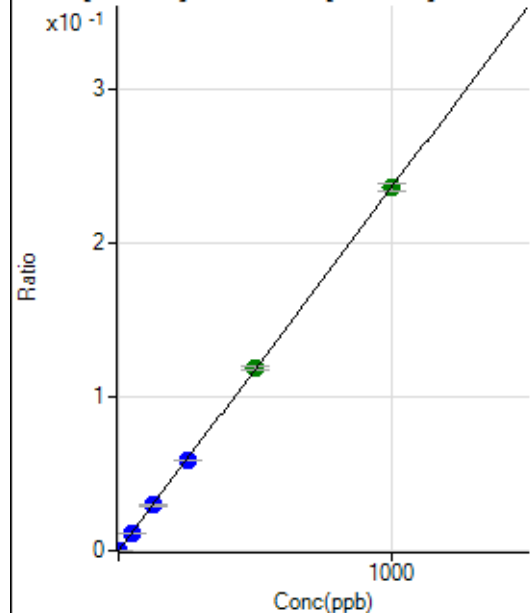
$$R = 1.0000$$

$$DL = 0.02056$$

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	343.34	0.0000	P	2.9
2	☐	1.000	1.014	4481.83	0.0003	P	3.7
3	☐	50.000	49.712	199372.87	0.0117	P	1.5
4	☐	125.000	125.372	493042.09	0.0296	P	1.8
5	☐	250.000	249.027	953315.86	0.0588	P	1.1
6	☐	500.000	501.689	1842048.58	0.1183	A	2.4
7	☐	1000.000	999.367	3563856.68	0.2357	A	2.0
8	☐			2982.56	0.0002	P	9.1

$$y = 2.3585E-004 * x + 2.0058E-005$$

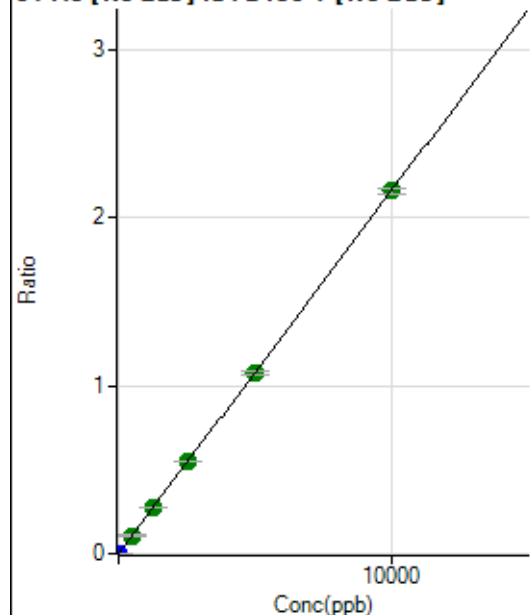
$$R = 1.0000$$

$$DL = 0.007503$$

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	2956.99	0.0002	P	4.9
2	☐	5.000	6.018	25460.00	0.0015	P	3.1
3	☐	500.000	502.232	1843682.99	0.1086	A	1.9
4	☐	1250.000	1275.847	4592909.65	0.2756	A	2.0
5	☐	2500.000	2540.400	8902848.34	0.5487	A	0.3
6	☐	5000.000	4983.779	16752602.66	1.0762	A	1.6
7	☐	10000.000	9994.667	32628420.62	2.1581	A	1.7
8	☐			15790.87	0.0010	P	8.9

$$y = 2.1591\text{E-}004 * x + 1.7281\text{E-}004$$

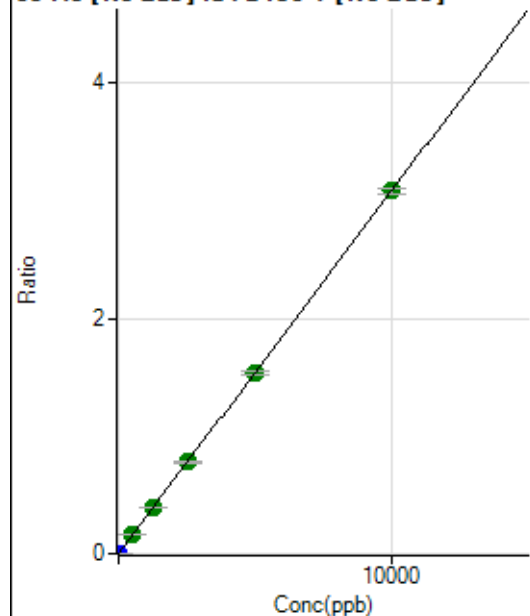
$$R = 1.0000$$

$$DL = 0.1168$$

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	4159.52	0.0002	P	4.3
2	☐	5.000	5.191	31903.61	0.0018	P	1.1
3	☐	500.000	506.243	2655704.46	0.1564	A	1.2
4	☐	1250.000	1270.391	6535403.09	0.3922	A	0.9
5	☐	2500.000	2527.315	12656292.03	0.7800	A	1.0
6	☐	5000.000	4977.521	23908081.59	1.5360	A	2.1
7	☐	10000.000	10001.549	46657160.97	3.0860	A	1.8
8	☐			18400.69	0.0012	P	13.5

$$y = 3.0853\text{E-}004 * x + 2.4308\text{E-}004$$

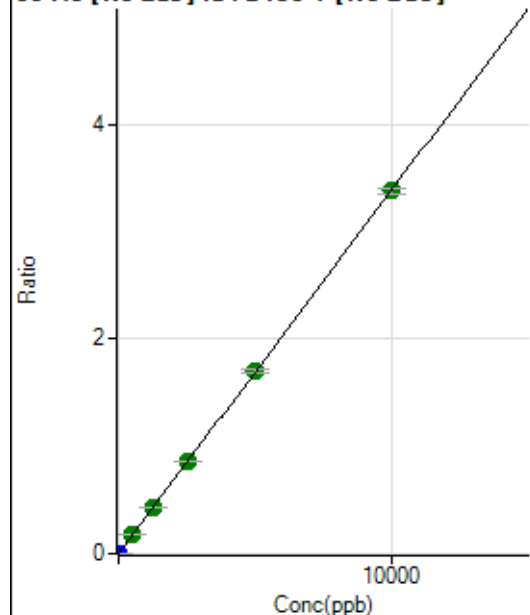
$$R = 1.0000$$

$$DL = 0.1005$$

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	4427.38	0.0003	P	3.3
2	☐	5.000	5.349	35805.94	0.0021	P	0.8
3	☐	500.000	510.993	2942244.82	0.1733	A	0.9
4	☐	1250.000	1270.122	7171918.16	0.4304	A	1.5
5	☐	2500.000	2526.797	13889568.41	0.8560	A	0.6
6	☐	5000.000	5016.627	26450416.00	1.6992	A	1.7
7	☐	10000.000	9981.922	51114171.46	3.3808	A	1.3
8	☐			29334.04	0.0019	P	8.7

$$y = 3.3867E-004 * x + 2.5871E-004$$

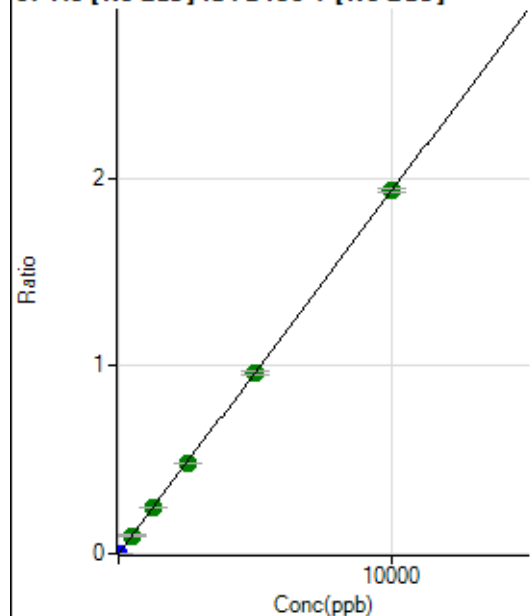
$$R = 1.0000$$

$$DL = 0.07512$$

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	2602.48	0.0002	P	1.5
2	☐	5.000	5.235	20122.81	0.0012	P	1.3
3	☐	500.000	502.595	1650962.79	0.0973	A	1.1
4	☐	1250.000	1274.951	4107141.22	0.2465	A	0.8
5	☐	2500.000	2513.557	7882059.74	0.4858	A	0.3
6	☐	5000.000	4980.763	14981113.94	0.9624	A	1.7
7	☐	10000.000	10002.981	29220891.51	1.9327	A	1.0
8	☐			11573.58	0.0008	P	11.7

$$y = 1.9320E-004 * x + 1.5205E-004$$

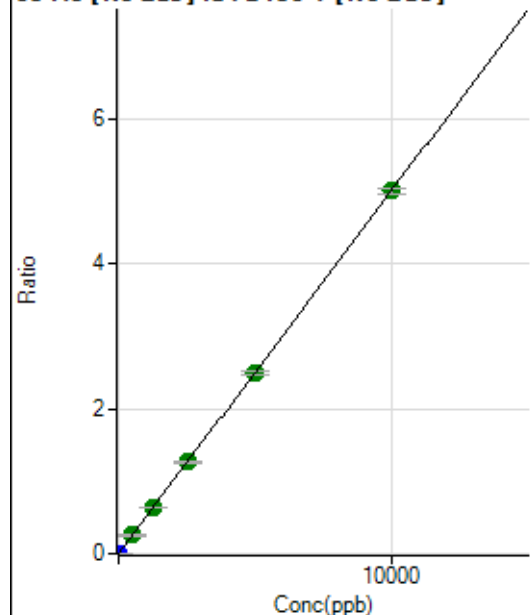
$$R = 1.0000$$

$$DL = 0.0357$$

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	6612.67	0.0004	P	4.0
2	☐	5.000	5.152	51258.44	0.0030	P	0.9
3	☐	500.000	503.551	4282503.10	0.2523	A	0.8
4	☐	1250.000	1268.841	10582504.29	0.6351	A	0.8
5	☐	2500.000	2521.476	20471597.89	1.2616	A	0.6
6	☐	5000.000	4993.117	38883113.03	2.4980	A	1.9
7	☐	10000.000	9995.540	75597922.76	5.0002	A	1.3
8	☐			29030.28	0.0019	P	13.4

$$y = 5.0020\text{E-}004 * x + 3.8643\text{E-}004$$

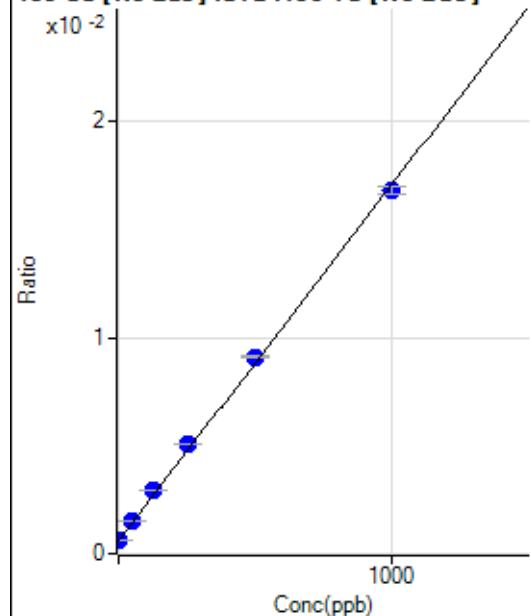
$$R = 1.0000$$

$$DL = 0.09198$$

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	9219.67	0.0006	P	1.3
2	☐	1.000	1.109	9632.16	0.0006	P	4.3
3	☐	50.000	56.765	24065.58	0.0015	P	2.8
4	☐	125.000	140.803	45973.55	0.0029	P	1.3
5	☐	250.000	273.088	79672.28	0.0051	P	0.7
6	☐	500.000	516.522	139429.82	0.0091	P	1.2
7	☐	1000.000	983.653	254900.12	0.0168	P	2.2
8	☐			8082.32	0.0005	P	1.7

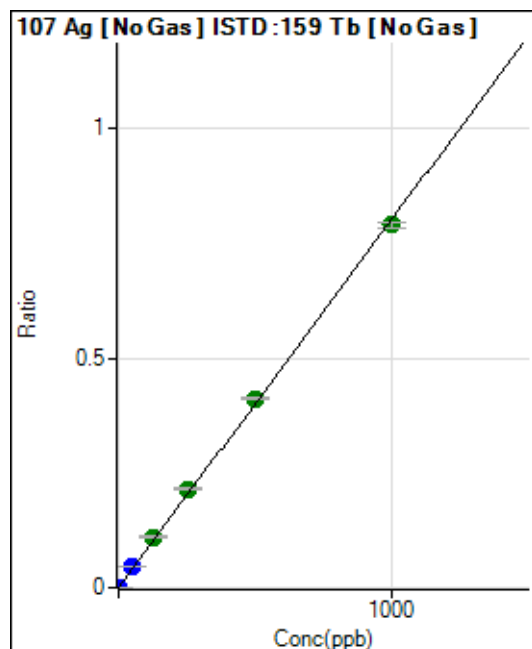
$$y = 1.6444\text{E-}005 * x + 5.9498\text{E-}004$$

$$R = 0.9994$$

$$DL = 1.443$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1073.38	0.0001	P	5.0
2	☐	1.000	1.156	15617.37	0.0010	P	1.7
3	☐	50.000	55.363	698783.96	0.0444	P	0.8
4	☐	125.000	138.308	1749667.74	0.1108	A	1.8
5	☐	250.000	268.489	3367537.21	0.2150	A	0.5
6	☐	500.000	514.367	6316630.39	0.4117	A	1.0
7	☐	1000.000	986.262	11999434.82	0.7894	A	1.4
8	☐			4257.34	0.0003	P	15.0

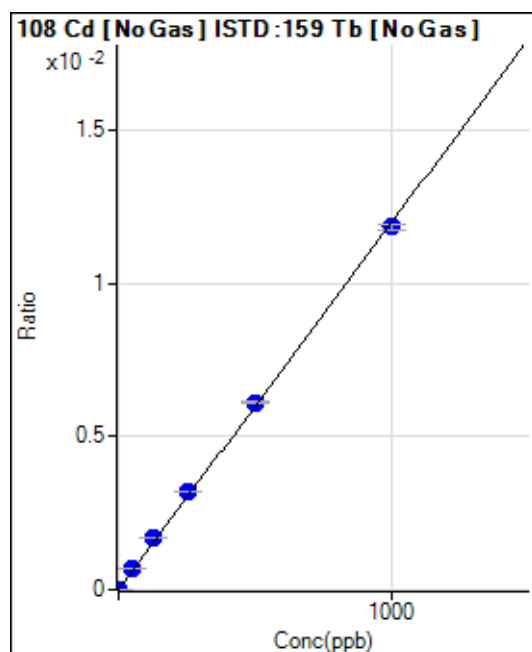
$$y = 8.0036E-004 * x + 6.9299E-005$$

$$R = 0.9996$$

$$DL = 0.01287$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	60.4
2	☐	1.000	1.120	244.45	0.0000	P	9.4
3	☐	50.000	56.861	10772.96	0.0007	P	1.9
4	☐	125.000	140.776	26709.06	0.0017	P	1.6
5	☐	250.000	266.370	50087.19	0.0032	P	1.2
6	☐	500.000	510.487	93966.07	0.0061	P	1.9
7	☐	1000.000	988.349	180234.66	0.0119	P	1.6
8	☐			131.11	0.0000	P	7.4

$$y = 1.1995E-005 * x + 2.1402E-006$$

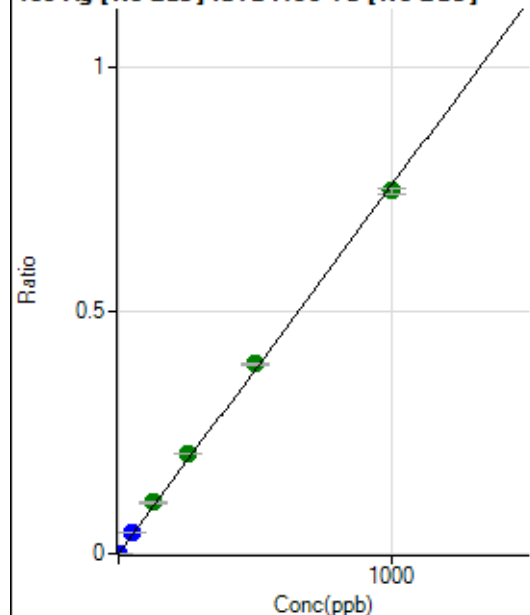
$$R = 0.9997$$

$$DL = 0.3234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	982.27	0.0001	P	7.4
2	☐	1.000	1.141	14575.19	0.0009	P	0.6
3	☐	50.000	55.187	659523.45	0.0419	P	0.9
4	☐	125.000	138.835	1663040.20	0.1053	A	1.0
5	☐	250.000	270.486	3212335.19	0.2050	A	0.9
6	☐	500.000	515.065	5989164.56	0.3904	A	1.5
7	☐	1000.000	985.357	11351536.77	0.7468	A	1.3
8	☐			4090.63	0.0003	P	13.4

$$y = 7.5784E-004 * x + 6.3389E-005$$

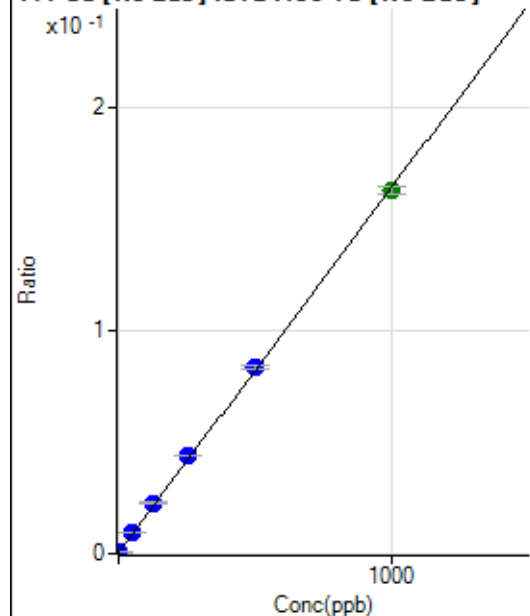
$$R = 0.9996$$

$$DL = 0.0186$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6636.00	0.0004	P	1.0
2	☐	1.000	1.134	9639.54	0.0006	P	2.6
3	☐	50.000	54.938	148302.20	0.0094	P	0.9
4	☐	125.000	136.837	360492.88	0.0228	P	1.5
5	☐	250.000	264.795	685548.51	0.0438	P	0.9
6	☐	500.000	506.725	1278629.08	0.0834	P	1.9
7	☐	1000.000	991.212	2471994.00	0.1626	A	2.2
8	☐			6498.11	0.0004	P	2.8

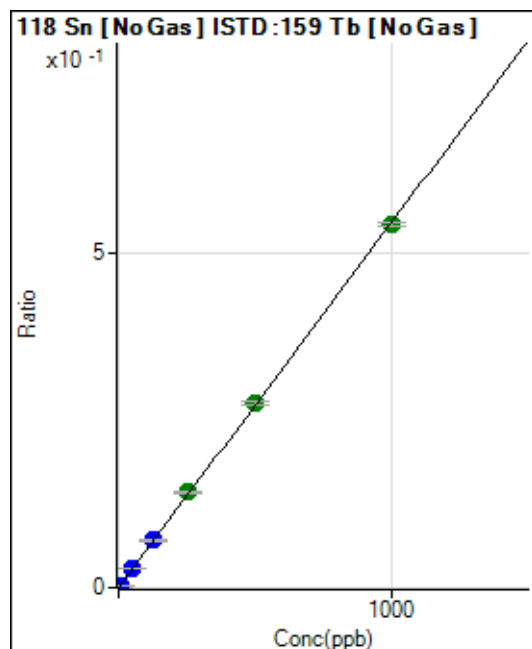
$$y = 1.6364E-004 * x + 4.2823E-004$$

$$R = 0.9998$$

$$DL = 0.07561$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1422.31	0.0001	P	5.9
2	☐	5.000	5.625	49617.27	0.0032	P	2.5
3	☐	50.000	52.261	450295.25	0.0286	P	0.8
4	☐	125.000	129.618	1118256.21	0.0708	P	1.8
5	☐	250.000	261.326	2234501.79	0.1426	A	1.1
6	☐	500.000	505.607	4232004.49	0.2759	A	2.2
7	☐	1000.000	993.671	8240257.03	0.5421	A	1.1
8	☐			4464.07	0.0003	P	9.0

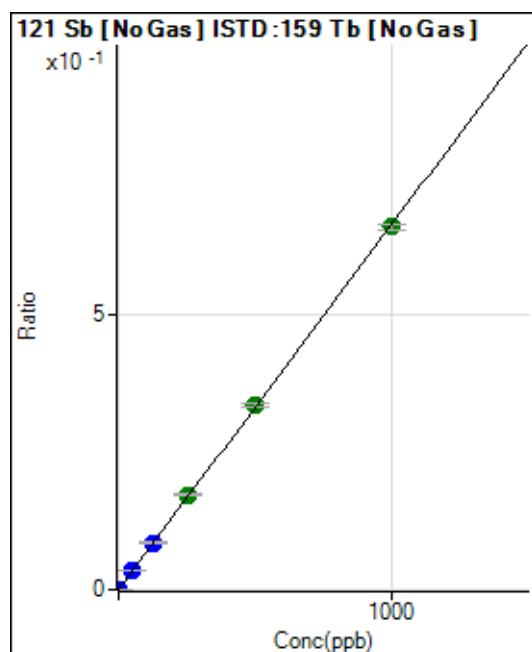
$$y = 5.4546\text{E-}004 * x + 9.1824\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02994$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	870.03	0.0001	P	5.8
2	☐	2.000	2.212	23907.74	0.0015	P	1.1
3	☐	50.000	51.651	540107.57	0.0343	P	1.0
4	☐	125.000	128.402	1345737.27	0.0852	P	0.9
5	☐	250.000	260.136	2702932.56	0.1725	A	1.2
6	☐	500.000	506.323	5150586.03	0.3358	A	2.2
7	☐	1000.000	993.796	10016152.49	0.6590	A	1.8
8	☐			9955.75	0.0007	P	4.8

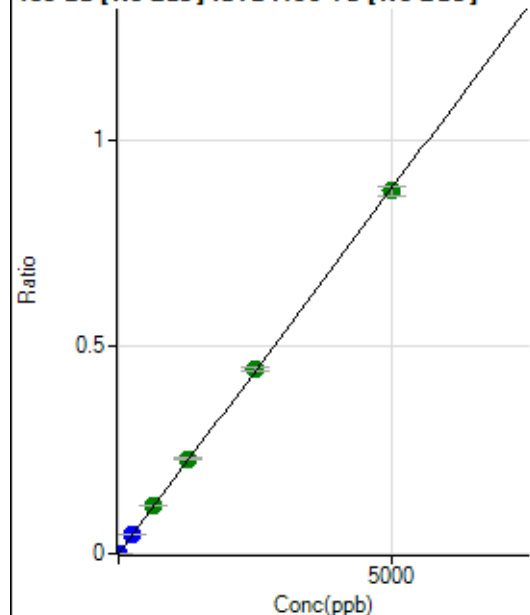
$$y = 6.6303\text{E-}004 * x + 5.6171\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01464$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1145.62	0.0001	P	10.4
2	☐	10.000	10.719	30856.79	0.0020	P	1.6
3	☐	250.000	253.234	704591.72	0.0447	P	0.9
4	☐	625.000	656.629	1831014.69	0.1159	A	1.5
5	☐	1250.000	1296.208	3583570.29	0.2287	A	1.5
6	☐	2500.000	2529.251	6845796.36	0.4463	A	2.3
7	☐	5000.000	4969.706	13326839.24	0.8768	A	2.3
8	☐			8350.32	0.0006	P	7.1

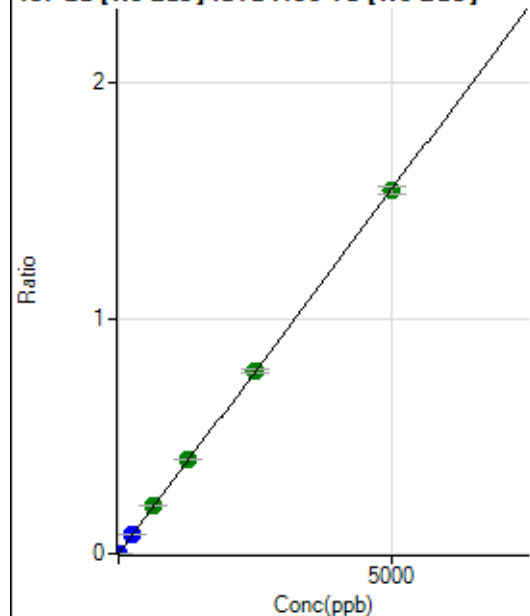
$$y = 1.7642\text{E-}004 * x + 7.3996\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2021.28	0.0001	P	7.3
2	☐	10.000	10.598	53538.06	0.0034	P	2.0
3	☐	250.000	252.113	1230309.49	0.0781	P	1.1
4	☐	625.000	656.688	3211772.28	0.2033	A	0.5
5	☐	1250.000	1287.862	6244539.49	0.3986	A	1.0
6	☐	2500.000	2509.415	11913131.77	0.7766	A	1.9
7	☐	5000.000	4981.759	23430267.71	1.5415	A	2.0
8	☐			14638.75	0.0010	P	4.7

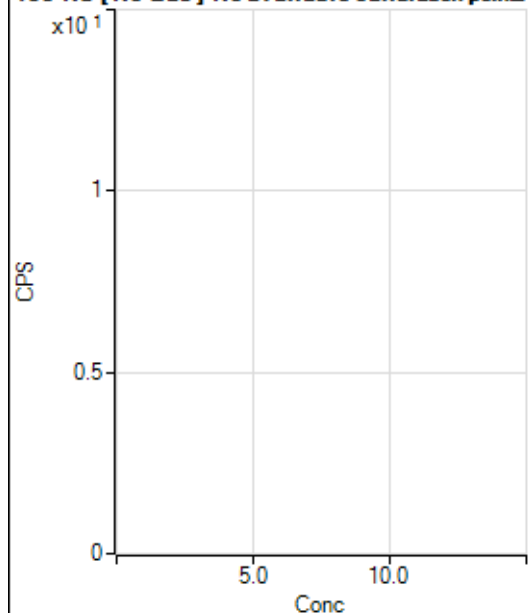
$$y = 3.0941\text{E-}004 * x + 1.3052\text{E-}004$$

$$R = 1.0000$$

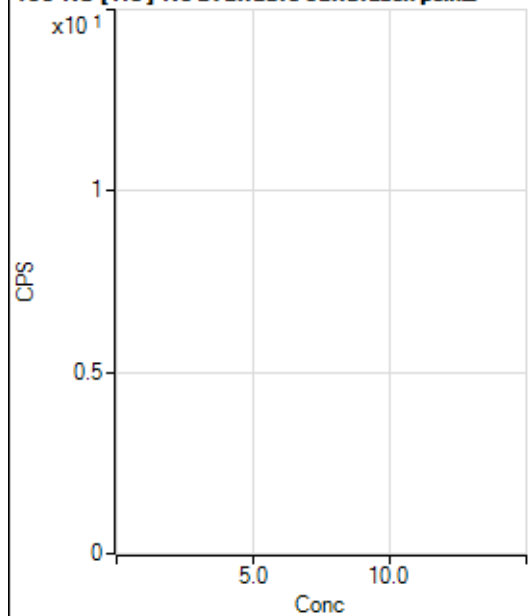
$$DL = 0.09294$$

Weight: <None>

Min Conc: 0

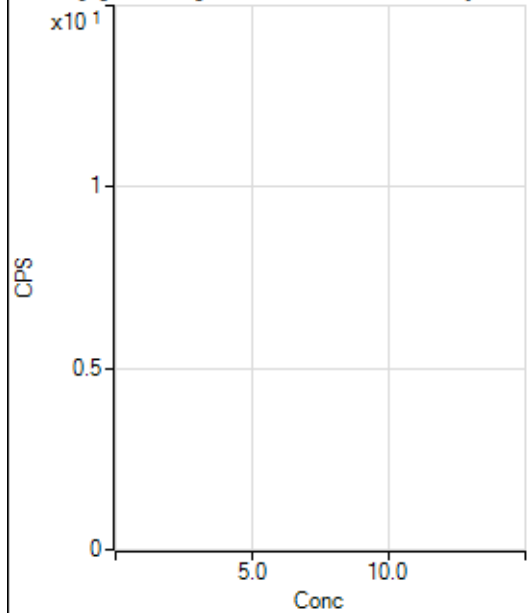
150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			8.89		P	21.6
3	☐			60.00		P	33.8
4	☐			142.23		P	19.1
5	☐			300.01		P	18.9
6	☐			503.35		P	16.7
7	☐			993.38		P	6.2
8	☐			236.67		P	11.5

150 Nd [He] No available calibration points

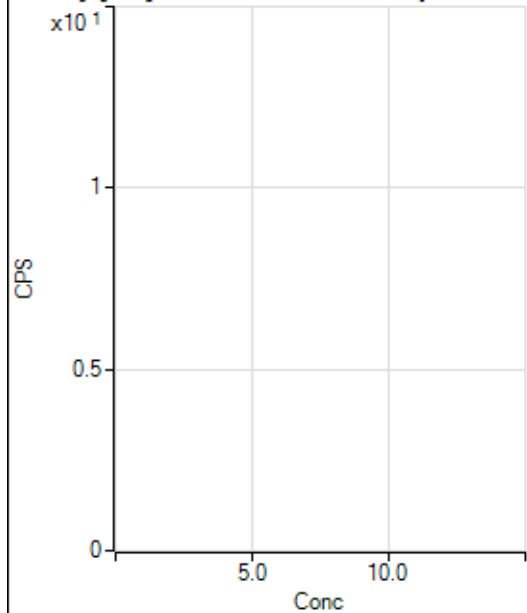
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			6.67		P	86.6
3	☐			22.22		P	22.9
4	☐			42.22		P	16.4
5	☐			87.78		P	26.7
6	☐			142.23		P	15.6
7	☐			291.12		P	8.7
8	☐			130.00		P	7.7

156 Dy [No Gas] No available calibration points



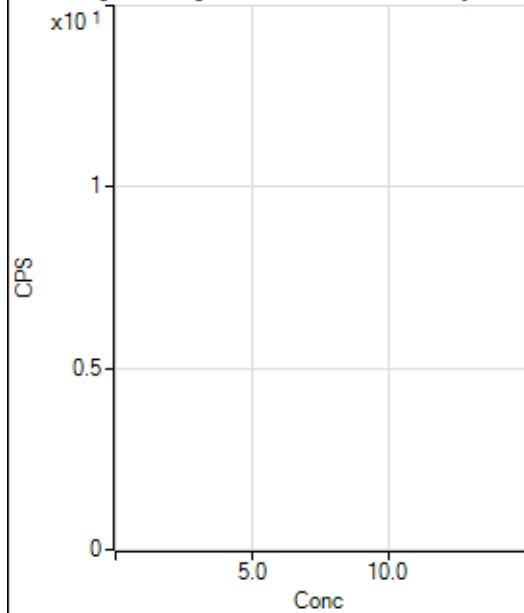
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			14.44		P	53.3
3	☐			34.44		P	5.6
4	☐			58.89		P	6.5
5	☐			112.22		P	16.4
6	☐			222.23		P	17.1
7	☐			380.01		P	7.9
8	☐			416.68		P	2.8

156 Dy [He] No available calibration points



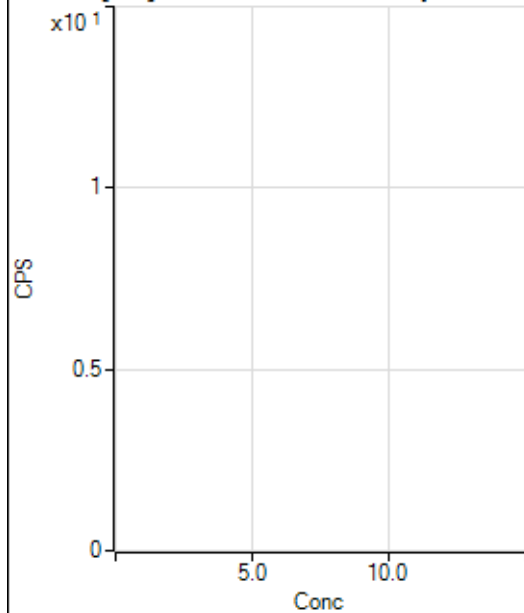
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			7.78		P	99.0
3	☐			53.33		P	16.5
4	☐			131.12		P	10.3
5	☐			225.56		P	11.9
6	☐			387.79		P	5.9
7	☐			820.03		P	3.3
8	☐			334.45		P	3.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			74.44		P	29.8
2	☐			70.00		P	21.8
3	☐			71.11		P	10.8
4	☐			107.78		P	12.9
5	☐			135.56		P	5.1
6	☐			191.12		P	14.6
7	☐			275.56		P	6.1
8	☐			434.46		P	15.4

160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			606.68		P	7.3
2	☐			628.91		P	2.7
3	☐			556.68		P	16.5
4	☐			611.13		P	10.9
5	☐			587.80		P	8.9
6	☐			615.58		P	5.0
7	☐			674.47		P	7.0
8	☐			855.59		P	7.7

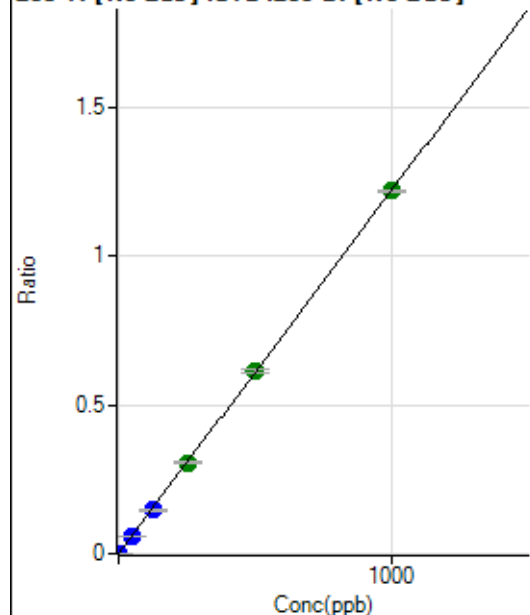
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	27.8
2	☐			92.22		P	15.0
3	☐			87.78		P	13.3
4	☐			106.67		P	8.3
5	☐			165.56		P	6.5
6	☐			218.89		P	18.2
7	☐			357.79		P	1.1
8	☐			517.79		P	12.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	33.5
2	☐			50.00		P	30.5
3	☐			75.56		P	11.1
4	☐			63.33		P	31.6
5	☐			83.33		P	6.9
6	☐			146.67		P	18.0
7	☐			253.34		P	8.0
8	☐			331.12		P	2.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	978.94	0.0001	P	5.7
2	☐	1.000	0.997	13095.28	0.0013	P	2.0
3	☐	50.000	47.520	582734.85	0.0580	P	1.4
4	☐	125.000	119.208	1490879.70	0.1455	P	1.6
5	☐	250.000	251.502	3074064.75	0.3068	A	1.1
6	☐	500.000	502.550	6013335.19	0.6129	A	2.1
7	☐	1000.000	999.198	11719045.52	1.2186	A	0.8
8	☐			3691.66	0.0004	P	15.7

$$y = 0.0012 * x + 9.9958E-005$$

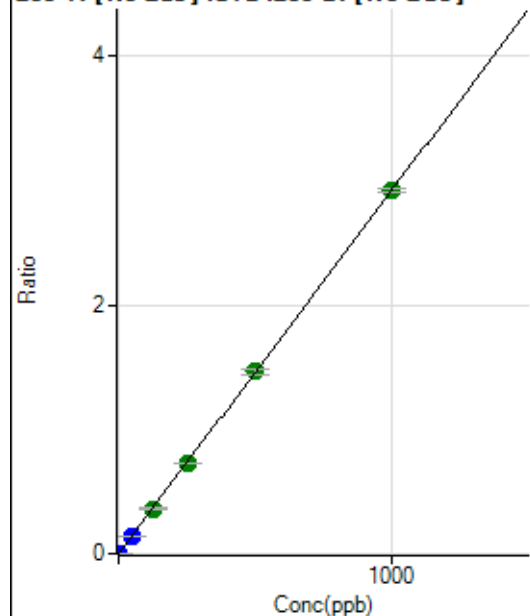
$$R = 1.0000$$

$$DL = 0.01407$$

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	2430.25	0.0002	P	1.0
2	☐	1.000	0.986	31091.03	0.0031	P	1.2
3	☐	50.000	46.811	1372911.25	0.1368	P	1.1
4	☐	125.000	124.223	3715279.53	0.3625	A	0.7
5	☐	250.000	248.953	7276763.29	0.7262	A	0.6
6	☐	500.000	501.644	14354077.01	1.4631	A	2.7
7	☐	1000.000	999.696	28038753.75	2.9156	A	1.2
8	☐			8727.36	0.0010	P	12.4

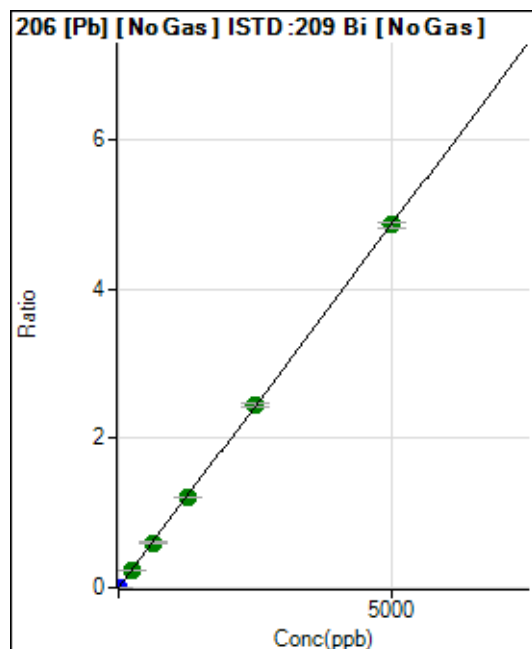
$$y = 0.0029 * x + 2.4823E-004$$

$$R = 1.0000$$

$$DL = 0.002587$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4085.10	0.0004	P	0.5
2	☐	1.000	0.994	13785.97	0.0014	P	1.1
3	☐	250.000	246.136	2409132.11	0.2400	A	2.0
4	☐	625.000	620.888	6198100.39	0.6048	A	1.2
5	☐	1250.000	1252.558	12219834.96	1.2196	A	0.7
6	☐	2500.000	2511.491	23987347.14	2.4450	A	1.9
7	☐	5000.000	4994.322	46752575.41	4.8616	A	1.7
8	☐			23310.16	0.0027	P	6.6

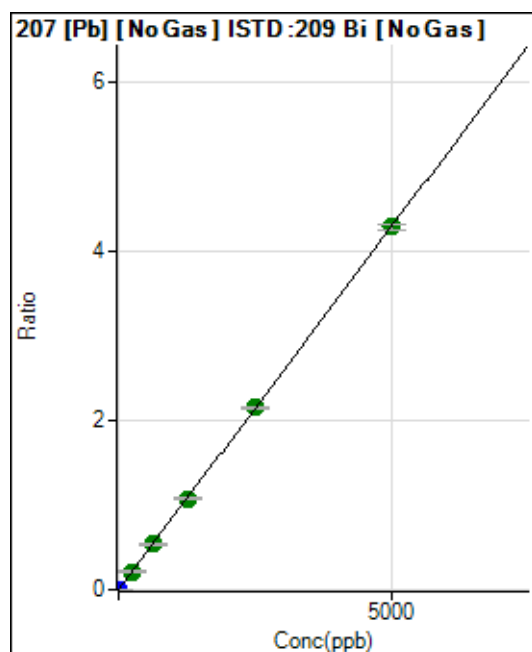
$$y = 9.7334E-004 * x + 4.1725E-004$$

R = 1.0000

DL = 0.006979

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3547.16	0.0004	P	1.0
2	☐	1.000	0.985	12028.73	0.0012	P	1.1
3	☐	250.000	248.436	2146580.70	0.2138	A	2.4
4	☐	625.000	627.892	5533332.14	0.5399	A	2.4
5	☐	1250.000	1250.442	10769243.45	1.0748	A	1.3
6	☐	2500.000	2504.482	21117348.57	2.1524	A	1.8
7	☐	5000.000	4997.365	41298997.44	4.2945	A	1.8
8	☐			19929.24	0.0023	P	8.2

$$y = 8.5928E-004 * x + 3.6227E-004$$

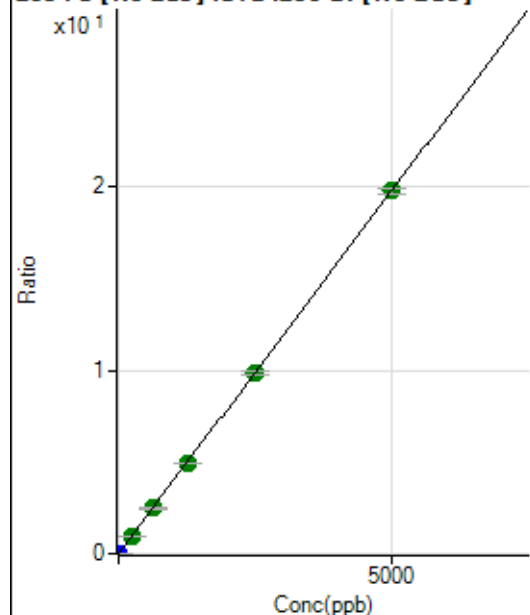
R = 1.0000

DL = 0.01225

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	16351.81	0.0017	P	1.6
2	☐	1.000	0.983	55273.33	0.0056	P	0.2
3	☐	250.000	247.913	9850419.64	0.9812	A	1.5
4	☐	625.000	624.089	25290412.47	2.4676	A	1.2
5	☐	1250.000	1250.618	49531239.96	4.9432	A	0.3
6	☐	2500.000	2497.770	96842596.61	9.8710	A	2.1
7	☐	5000.000	5001.179	190054040.2	19.7627	A	1.5
8	☐			92440.80	0.0106	P	7.9

$$y = 0.0040 * x + 0.0017$$

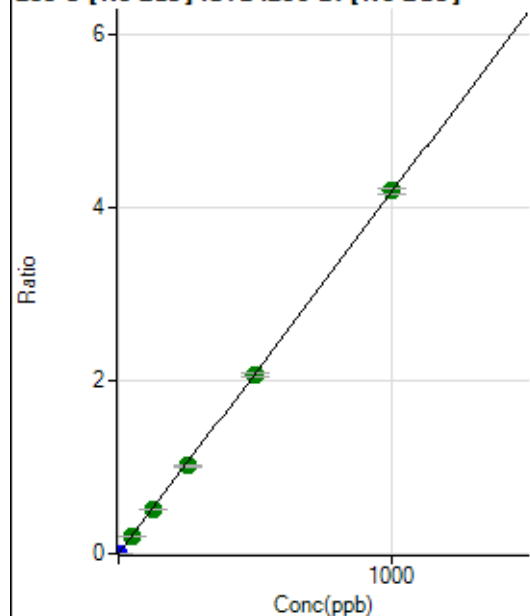
$$R = 1.0000$$

$$DL = 0.01969$$

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	2850.34	0.0003	P	3.7
2	☐	1.000	0.923	41210.24	0.0041	P	2.2
3	☐	50.000	47.623	1997148.15	0.1989	A	1.8
4	☐	125.000	121.608	5202036.80	0.5076	A	1.7
5	☐	250.000	243.684	10187477.76	1.0168	A	1.3
6	☐	500.000	495.511	20281370.81	2.0673	A	2.4
7	☐	1000.000	1004.366	40293334.95	4.1899	A	1.8
8	☐			11817.65	0.0014	P	15.4

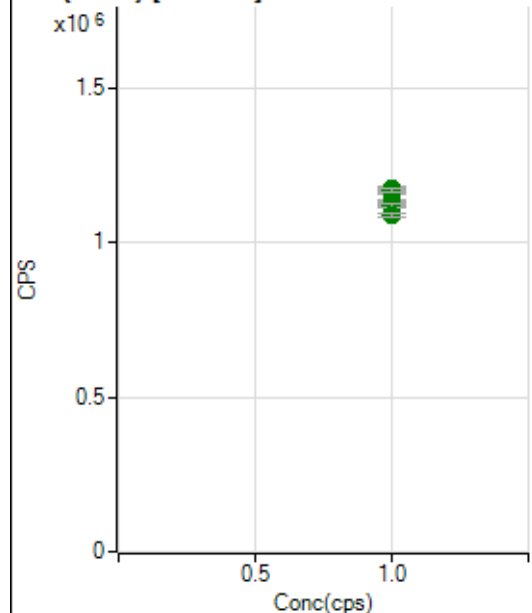
$$y = 0.0042 * x + 2.9114E-004$$

$$R = 1.0000$$

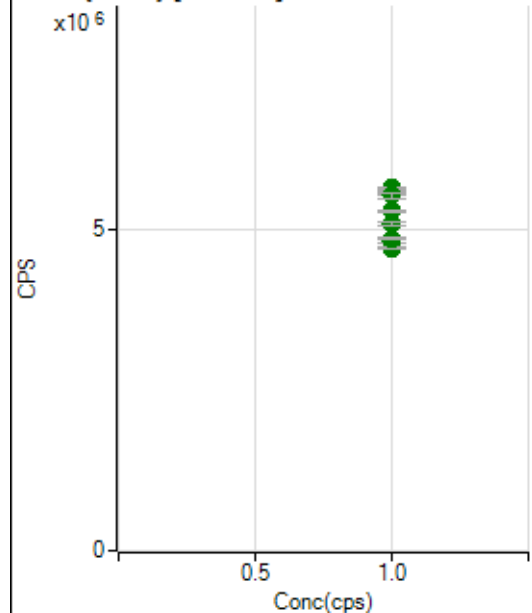
$$DL = 0.007784$$

Weight: <None>

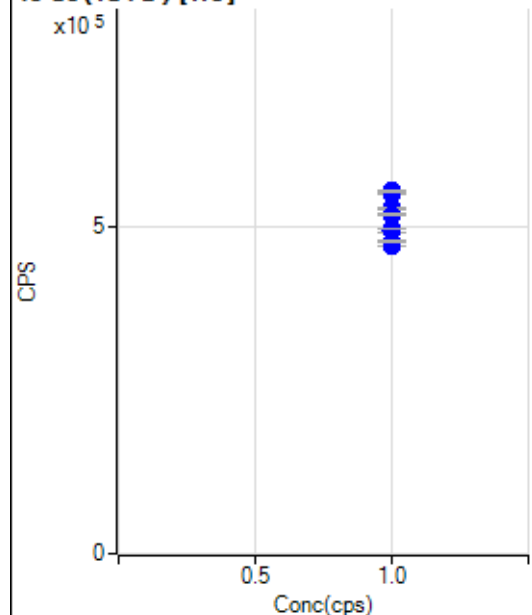
Min Conc: 0

6 Li (ISTD) [No Gas]

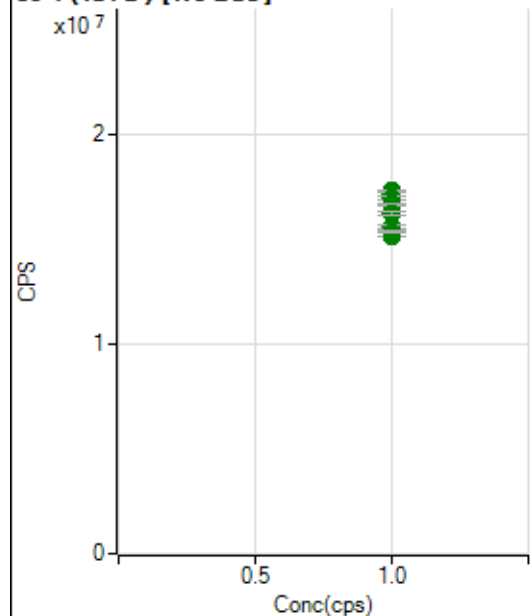
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1115575.54		A	0.7
2	☐	1.000		1136681.47		A	0.6
3	☐	1.000		1161817.92		A	0.3
4	☐	1.000		1174659.24		A	0.9
5	☐	1.000		1168713.72		A	0.9
6	☐	1.000		1125795.18		A	1.7
7	☐	1.000		1119460.71		A	1.1
8	☐	1.000		1090373.18		A	1.1

45 Sc (ISTD) [No Gas]

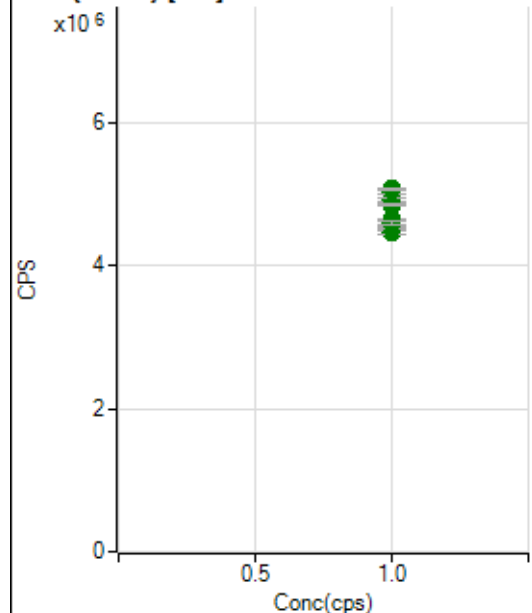
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5558232.49		A	0.9
2	☐	1.000		5642456.58		A	0.7
3	☐	1.000		5525393.11		A	1.9
4	☐	1.000		5281694.30		A	0.7
5	☐	1.000		5093495.62		A	1.4
6	☐	1.000		4818218.61		A	2.0
7	☐	1.000		4701066.28		A	0.7
8	☐	1.000		4857868.96		A	0.7

45 Sc (ISTD) [He]

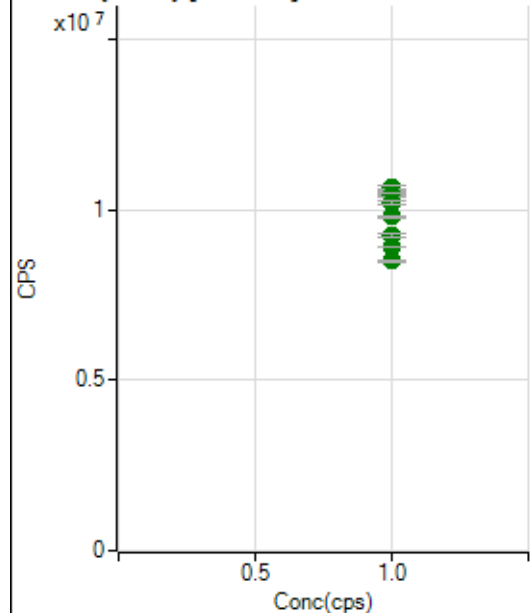
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		550238.04		P	0.1
2	☐	1.000		556091.37		P	0.6
3	☐	1.000		529495.67		P	0.4
4	☐	1.000		520108.46		P	0.2
5	☐	1.000		495717.73		P	1.0
6	☐	1.000		470825.11		P	0.2
7	☐	1.000		478311.05		P	0.6
8	☐	1.000		498365.78		P	0.4

89 Y (ISTD) [No Gas]

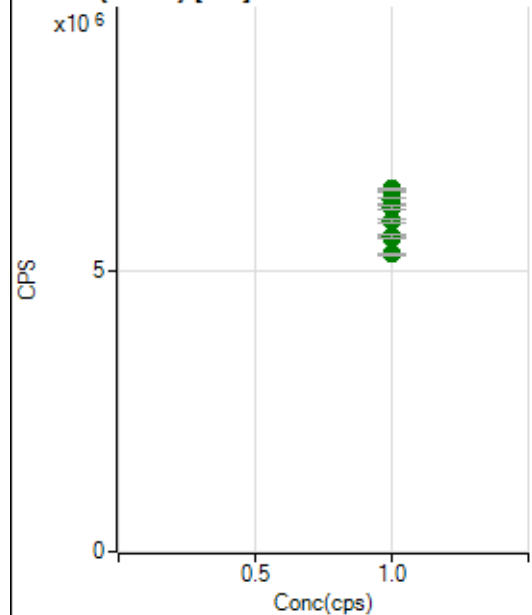
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17116317.10		A	1.0
2	☐	1.000		17295693.77		A	0.5
3	☐	1.000		16977168.78		A	1.1
4	☐	1.000		16664257.25		A	0.8
5	☐	1.000		16226092.26		A	0.6
6	☐	1.000		15568072.68		A	1.2
7	☐	1.000		15119278.94		A	0.3
8	☐	1.000		15348251.16		A	0.8

89 Y (ISTD) [He]

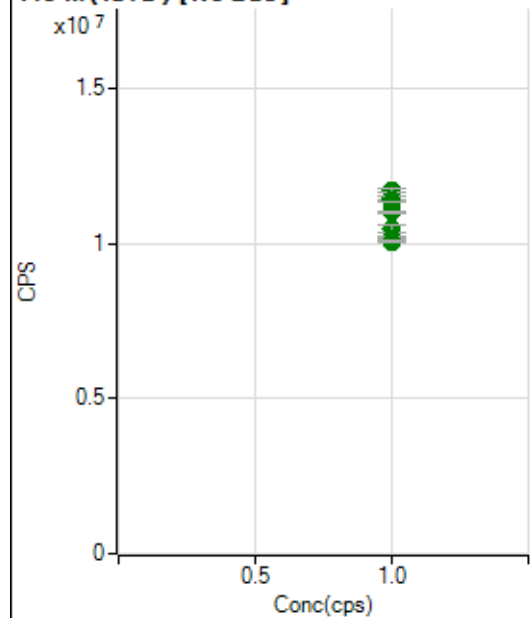
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5018152.18		A	0.7
2	☐	1.000		5066226.80		A	0.6
3	☐	1.000		4912422.81		A	0.7
4	☐	1.000		4835814.37		A	0.5
5	☐	1.000		4633484.79		A	0.7
6	☐	1.000		4454863.79		A	1.0
7	☐	1.000		4515115.97		A	0.7
8	☐	1.000		4583633.30		A	1.0

103 Rh (ISTD) [No Gas]

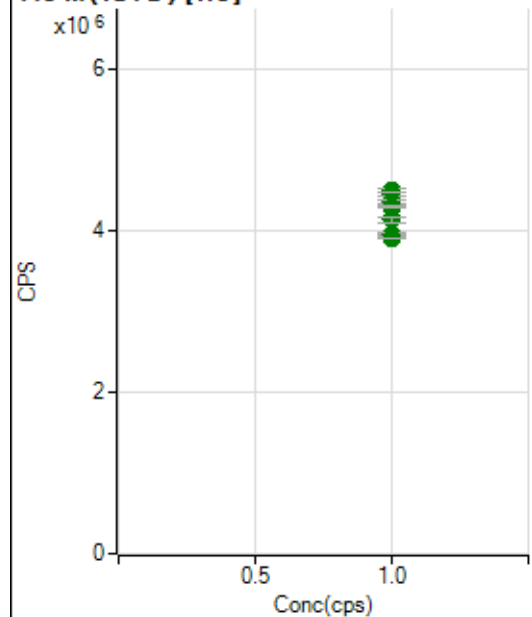
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10468387.76		A	1.2
2	☐	1.000		10629240.46		A	0.9
3	☐	1.000		10420267.76		A	1.0
4	☐	1.000		10202200.96		A	1.1
5	☐	1.000		9792139.37		A	0.5
6	☐	1.000		9231564.72		A	1.3
7	☐	1.000		8910965.08		A	0.3
8	☐	1.000		8479211.75		A	0.4

103 Rh (ISTD) [He]

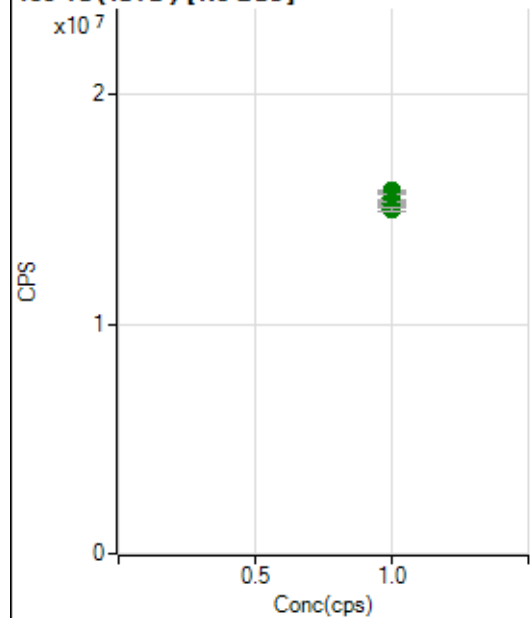
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6414434.35		A	0.9
2	☐	1.000		6456969.28		A	0.4
3	☐	1.000		6258862.89		A	1.6
4	☐	1.000		6130872.06		A	1.2
5	☐	1.000		5876025.05		A	1.2
6	☐	1.000		5584222.42		A	0.5
7	☐	1.000		5610557.55		A	1.7
8	☐	1.000		5295923.05		A	0.9

115 In (ISTD) [No Gas]

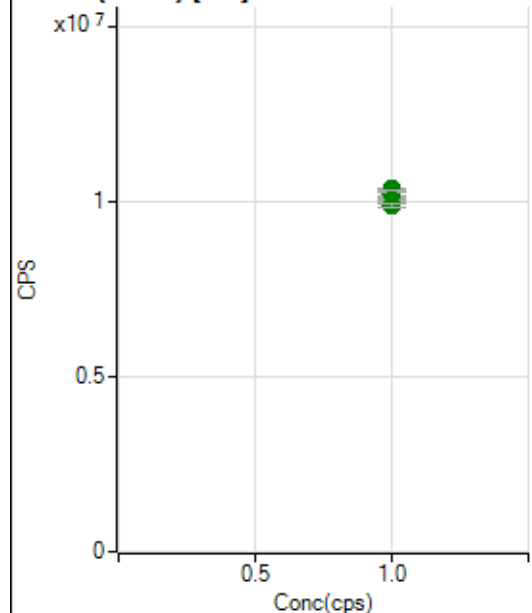
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11458396.96		A	1.0
2	☐	1.000		11701756.27		A	1.1
3	☐	1.000		11421192.71		A	1.6
4	☐	1.000		11352268.06		A	0.4
5	☐	1.000		11027815.82		A	0.5
6	☐	1.000		10490764.96		A	2.1
7	☐	1.000		10201822.67		A	0.1
8	☐	1.000		10076926.45		A	0.2

115 In (ISTD) [He]

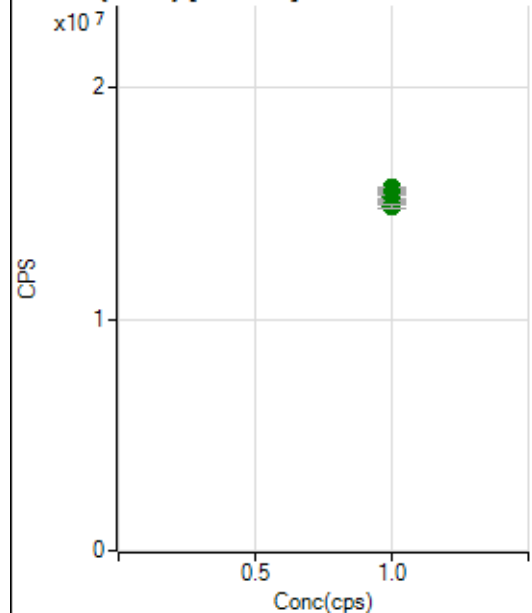
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4497414.71		A	0.9
2	☐	1.000		4452583.13		A	0.9
3	☐	1.000		4359035.38		A	1.1
4	☐	1.000		4297586.60		A	0.7
5	☐	1.000		4138261.47		A	1.5
6	☐	1.000		3945054.50		A	0.8
7	☐	1.000		3955849.27		A	0.8
8	☐	1.000		3912376.37		A	0.4

159 Tb (ISTD) [No Gas]

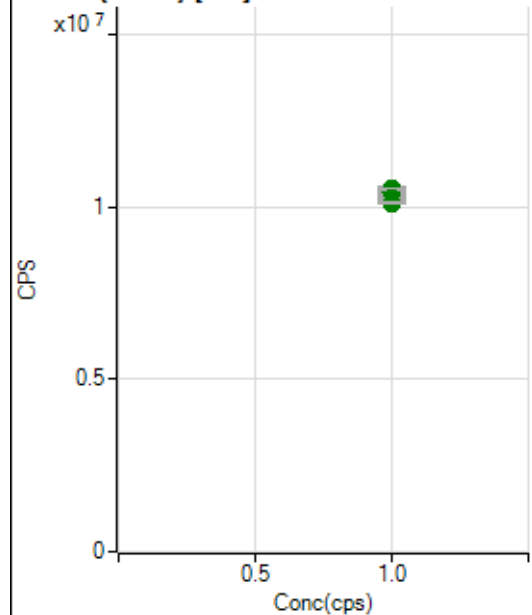
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15497947.27		A	1.7
2	☐	1.000		15704049.91		A	0.9
3	☐	1.000		15745903.52		A	0.2
4	☐	1.000		15797177.54		A	0.7
5	☐	1.000		15666026.29		A	0.3
6	☐	1.000		15342129.49		A	1.1
7	☐	1.000		15201545.88		A	1.1
8	☐	1.000		15006653.25		A	1.3

159 Tb (ISTD) [He]

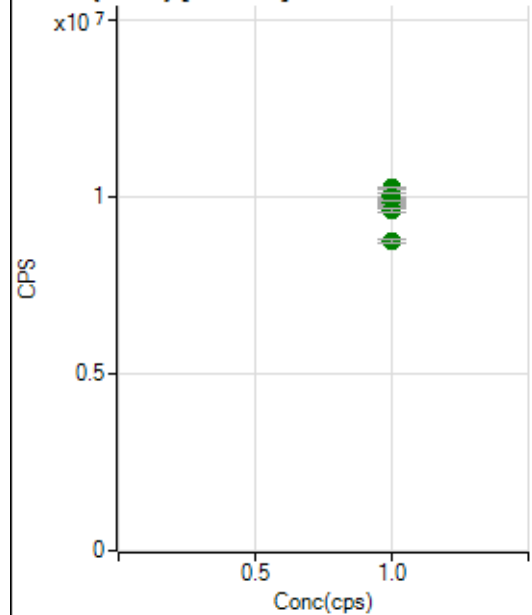
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10105831.31		A	0.5
2	☐	1.000		10361323.73		A	0.2
3	☐	1.000		10232238.04		A	1.1
4	☐	1.000		10314099.50		A	0.6
5	☐	1.000		10055490.20		A	1.0
6	☐	1.000		9939466.94		A	0.0
7	☐	1.000		10037833.60		A	0.6
8	☐	1.000		9888112.07		A	1.0

165 Ho (ISTD) [No Gas]

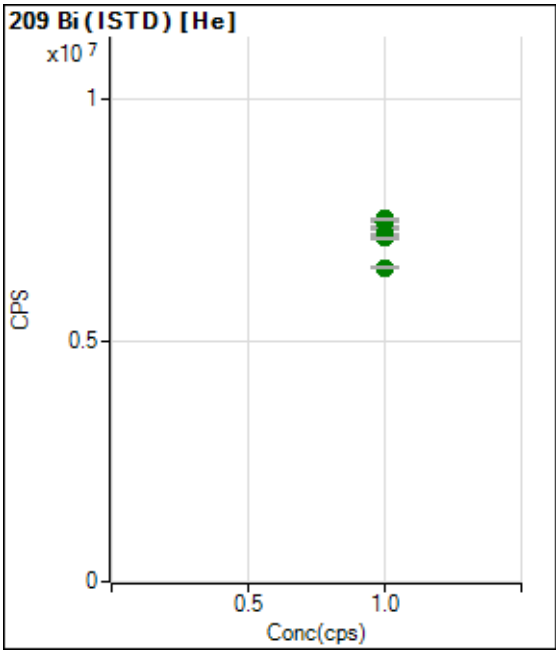
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15124367.97		A	1.4
2	☐	1.000		15481926.29		A	0.7
3	☐	1.000		15500277.55		A	0.9
4	☐	1.000		15673141.02		A	0.6
5	☐	1.000		15427132.69		A	0.6
6	☐	1.000		15254872.97		A	1.3
7	☐	1.000		15125759.64		A	0.4
8	☐	1.000		14857873.39		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10388781.93		A	1.2
2	☐	1.000		10523265.05		A	1.0
3	☐	1.000		10453913.87		A	1.8
4	☐	1.000		10503751.02		A	0.4
5	☐	1.000		10246400.47		A	0.7
6	☐	1.000		10148537.28		A	0.6
7	☐	1.000		10287214.36		A	0.1
8	☐	1.000		10116486.17		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9790797.22		A	0.9
2	☐	1.000		9955045.41		A	0.6
3	☐	1.000		10039694.78		A	1.0
4	☐	1.000		10249167.56		A	0.7
5	☐	1.000		10020221.72		A	1.3
6	☐	1.000		9812178.05		A	1.0
7	☐	1.000		9617384.58		A	0.6
8	☐	1.000		8739534.52		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7475892.25		A	0.7
2	☐	1.000		7482704.75		A	0.4
3	☐	1.000		7452998.99		A	1.4
4	☐	1.000		7527936.21		A	0.5
5	☐	1.000		7315938.16		A	0.4
6	☐	1.000		7210449.13		A	0.3
7	☐	1.000		7127097.05		A	0.9
8	☐	1.000		6522390.60		A	0.5

US EPA Tune Check Report

Reviewed By:Mohan
On:1/17/2025 7:52:18
AM
Inst Id :P7
ClientSampleId
:TUNE002

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7011425MS2.b
Acq. Date-Time 2025-01-14 11:40:47
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		5821	58214.60			0.359	5.000
24		175802	1758023.77			0.874	5.000
25		21781	217808.41			0.683	5.000
26		24775	247750.08			0.273	5.000
59		70898	708982.05			0.742	5.000
113		11220	112200.59			1.057	5.000
115		139698	1396978.11			0.661	5.000
206		35615	356146.55			0.848	5.000
207		31082	310821.01			0.832	5.000
208		74740	747395.50			0.694	5.000
220		0	1.90			22.017	

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	5845	5841	5819	5797	5806
24	178208	175664	176178	174489	174472
25	22010	21787	21783	21724	21600
26	24884	24781	24737	24767	24705
59	71531	71237	70864	70705	70155
113	11312	11249	11347	11088	11105
115	140954	138585	140262	139236	139452
206	35955	35859	35645	35304	35312
207	31326	31239	31233	30740	30873
208	75285	75141	74860	74336	74076

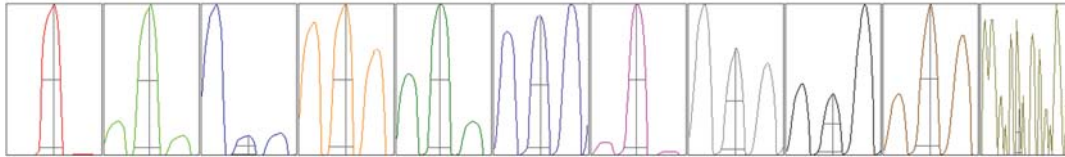
US EPA Tune Check Report

Reviewed By: Mohan
On: 1/17/2025 7:52:18 AM
Inst Id : P7
ClientSampleId : TUNE002

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	10340.72	9.00	8.90 - 9.10	
24	294678.27	23.95	23.90 - 24.10	
25	37303.86	25.00	24.90 - 25.10	
26	42462.73	26.00	25.90 - 26.10	
59	122811.54	58.90	58.90 - 59.10	
113	21245.02	113.00	112.90 - 113.10	
115	267493.84	114.95	114.90 - 115.10	
206	69244.83	206.00	205.90 - 206.10	
207	59780.12	207.00	206.90 - 207.10	
208	146391.73	208.00	207.90 - 208.10	
220	0.15	219.75	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.738	0.900	
24	0.64	0.824	0.900	
25	0.61	0.742	0.900	
26	0.61	0.772	0.900	
59	0.60	0.740	0.900	
113	0.54	0.731	0.900	
115	0.52	0.743	0.900	
206	0.54	0.753	0.900	
207	0.53	0.764	0.900	
208	0.53	0.772	0.900	
220	0.17	0.197		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

Reviewed By: Mohan
On: 1/17/2025 7:52:18 AM
Inst Id : P7
Client Sample Id
TUNE002

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.4 V	Deflect	14.6 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	138	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	0.2 mm	Torch V	0.3 mm
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EM

Discriminator	4.8 mV	Analog HV	2268 V	Pulse HV	1064 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		25193	251934.87			0.563	
89		46522	465222.12			0.573	
205		33515	335147.28			0.617	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	25409	25254	25159	25072	25073
89	46947	46497	46552	46237	46379
205	33758	33657	33551	33275	33333

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	9.0 V	Deflect	3.0 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:1/17/2025 7:52:18
AM
Inst Id :P7
ClientSampleId
TUNE002

Extract 2	-140.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-70 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	138	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.10		
Hardware Settings					
Torch					
Torch H	0.2 mm	Torch V	0.3 mm		
EM					
Discriminator	4.8 mV	Analog HV	2268 V	Pulse HV	1064 V

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	-0.03	-0.39	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	0.01	-0.03	0.00	N/A	ppb
Barium	135-1	-0.05	0.02	0.03	0.00	N/A	ppb
Barium	137-1	-0.04	0.01	0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.12	0.07	0.00	N/A	ppb
Cadmium	106-1	-0.38	0.54	-0.16	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.95	-0.04	0.98	0.00	N/A	ppb
Calcium	44-1	1.63	0.32	-1.95	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.04	-0.02	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	-0.09	0.20	-0.11	0.00	N/A	ppb
Iron	57-2	0.70	-0.13	-0.57	0.00	N/A	ppb
Iron	54-2	0.08	-0.55	0.47	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.48	0.47	0.01	0.00	N/A	ppb
Manganese	55-2	0.07	0.00	-0.07	0.00	N/A	ppb
Molybdenum	94-1	-0.04	0.03	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.04	0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-18.41	-15.55	-18.15	-17.37		ppb
Potassium	39-2	-0.44	0.76	-0.33	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.41	-0.23	-0.18	0.00	N/A	ppb
Selenium	77-2	0.31	-0.06	-0.24	0.00	N/A	ppb
Selenium	78-2	-0.21	0.17	0.04	0.00	N/A	ppb
Silicon	28-1	0.35	0.04	-0.38	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	0.01	0.00	N/A	ppb
Sodium	23-2	0.70	0.11	-0.82	0.00	N/A	ppb
Strontium	86-1	0.08	0.07	-0.16	0.00	N/A	ppb
Strontium	88-1	-0.07	0.02	0.05	0.00	N/A	ppb
Sulfur	34-1	32.18	-11.12	-141.09	-40.01		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.05	0.05	-0.09	0.00	N/A	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 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	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.15	-0.02	-0.13	0.00	N/A	ppb
Zirconium	90-1	-0.01	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 : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.81	21.12	20.48	20.80	1.56	ppb
Antimony	121-1	2.18	2.22	2.23	2.21	1.11	ppb
Arsenic	75-2	1.07	1.05	1.01	1.04	3.23	ppb
Barium	135-1	10.62	10.61	10.93	10.72	1.70	ppb
Barium	137-1	10.34	10.73	10.73	10.60	2.11	ppb
Beryllium	9-1	1.13	1.09	1.16	1.13	3.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.98	1.20	1.18	1.12	10.86	ppb
Cadmium	106-1	2.87	0.75	-0.29	1.11	145.08	ppb
Cadmium	111-1	1.24	1.11	1.05	1.13	8.45	ppb
Calcium	43-1	546.87	574.35	552.96	558.06	2.59	ppb
Calcium	44-1	546.97	561.61	565.33	557.97	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.25	2.15	2.16	4.15	ppb
Cobalt	59-2	1.15	1.19	1.15	1.16	1.76	ppb
Copper	63-2	2.04	2.07	2.07	2.06	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	58.06	58.56	58.52	58.38	0.48	ppb
Iron	57-2	61.44	61.35	59.63	60.81	1.68	ppb
Iron	54-2	59.99	61.36	61.74	61.03	1.51	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	0.98	0.99	0.99	1.58	ppb
Lead	207-1	0.97	0.98	1.00	0.98	1.64	ppb
Lead	208-1	0.98	0.98	0.98	0.98	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	547.95	552.80	549.87	550.20	0.44	ppb
Manganese	55-2	1.08	1.10	1.14	1.11	2.68	ppb
Molybdenum	94-1	5.78	6.10	6.17	6.02	3.47	ppb
Molybdenum	95-1	5.12	5.22	5.23	5.19	1.27	ppb
Molybdenum	96-1	5.33	5.40	5.31	5.35	0.88	ppb
Molybdenum	97-1	5.16	5.31	5.24	5.24	1.49	ppb
Molybdenum	98-1	5.17	5.20	5.09	5.15	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.11	1.21	1.15	4.55	ppb
Phosphorus	31-2	7.73	25.88	18.50	17.37	52.56	ppb
Potassium	39-2	555.42	555.42	552.86	554.57	0.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	5.45	5.70	5.45	5.53	2.58	ppb
Selenium	77-2	5.39	5.20	5.26	5.28	1.78	ppb
Selenium	78-2	5.82	6.63	7.05	6.50	9.64	ppb
Silicon	28-1	-0.26	0.26	0.44	0.14	248.95	ppb
Silver	107-1	1.14	1.16	1.18	1.16	1.81	ppb
Silver	109-1	1.14	1.15	1.14	1.14	0.60	ppb
Sodium	23-2	510.68	515.86	514.92	513.82	0.54	ppb
Strontium	86-1	26.63	27.15	25.87	26.55	2.43	ppb
Strontium	88-1	25.90	26.47	26.39	26.26	1.18	ppb
Sulfur	34-1	5.91	52.65	61.48	40.01	74.64	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.97	1.02	1.00	1.00	2.20	ppb
Thallium	205-1	0.98	1.00	0.98	0.99	1.33	ppb
Tin	118-1	5.47	5.64	5.76	5.62	2.55	ppb
Titanium	47-1	5.45	5.17	5.41	5.34	2.86	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.94	0.92	2.36	ppb
Vanadium	51-2	5.26	5.33	5.42	5.33	1.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5.90	5.60	5.68	5.73	2.70	ppb
Zirconium	90-1	0.98	1.00	0.98	0.99	1.65	ppb
Zirconium	91-1	0.97	1.04	1.03	1.01	4.04	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1006.21	1003.87	1009.01	1006.36	0.26	ppb
Antimony	121-1	51.07	52.14	51.74	51.65	1.04	ppb
Arsenic	75-2	52.37	53.49	51.95	52.60	1.51	ppb
Barium	135-1	251.39	255.92	252.39	253.23	0.94	ppb
Barium	137-1	251.10	255.34	249.89	252.11	1.13	ppb
Beryllium	9-1	53.25	53.27	53.88	53.47	0.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.63	57.51	57.44	56.86	1.87	ppb
Cadmium	106-1	55.01	59.75	55.54	56.76	4.57	ppb
Cadmium	111-1	54.49	55.47	54.86	54.94	0.90	ppb
Calcium	43-1	5223.07	5278.28	5383.89	5295.08	1.54	ppb
Calcium	44-1	5080.45	5120.55	5140.06	5113.68	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.45	50.78	50.47	50.57	0.37	ppb
Cobalt	59-2	50.77	51.04	51.02	50.94	0.30	ppb
Copper	63-2	529.78	532.28	531.21	531.09	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2677.81	2696.98	2693.22	2689.33	0.38	ppb
Iron	57-2	2736.39	2760.55	2727.09	2741.34	0.63	ppb
Iron	54-2	2773.34	2797.37	2811.80	2794.17	0.70	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	240.38	249.38	248.65	246.14	2.03	ppb
Lead	207-1	241.52	250.86	252.93	248.44	2.45	ppb
Lead	208-1	243.76	250.51	249.47	247.91	1.47	ppb
Lithium	6-1				104		%
Magnesium	24-2	5115.46	5132.22	5268.58	5172.09	1.62	ppb
Manganese	55-2	502.68	500.60	500.61	501.30	0.24	ppb
Molybdenum	94-1	491.45	508.64	506.61	502.23	1.87	ppb
Molybdenum	95-1	500.36	512.40	505.97	506.24	1.19	ppb
Molybdenum	96-1	505.84	514.11	513.03	510.99	0.88	ppb
Molybdenum	97-1	496.37	505.43	505.98	502.59	1.07	ppb
Molybdenum	98-1	499.26	504.43	506.96	503.55	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.43	53.33	53.71	53.49	0.36	ppb
Phosphorus	31-2	1065.96	1045.92	1022.61	1044.83	2.08	ppb
Potassium	39-2	2577.91	2600.06	2613.15	2597.04	0.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	52.90	53.52	55.13	53.85	2.14	ppb
Selenium	77-2	51.44	51.35	54.39	52.39	3.30	ppb
Selenium	78-2	55.22	55.28	50.06	53.52	5.59	ppb
Silicon	28-1	52.00	52.89	53.76	52.89	1.67	ppb
Silver	107-1	54.97	55.84	55.27	55.36	0.80	ppb
Silver	109-1	54.81	55.75	54.99	55.19	0.91	ppb
Sodium	23-2	5285.56	5313.60	5259.13	5286.10	0.52	ppb
Strontium	86-1	1211.16	1247.80	1239.92	1232.96	1.56	ppb
Strontium	88-1	1250.22	1246.01	1245.33	1247.19	0.21	ppb
Sulfur	34-1	1017.90	1065.38	1109.22	1064.17	4.29	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	46.73	47.92	47.91	47.52	1.44	ppb
Thallium	205-1	46.19	47.09	47.14	46.81	1.14	ppb
Tin	118-1	51.90	52.69	52.19	52.26	0.77	ppb
Titanium	47-1	493.96	499.28	508.89	500.71	1.51	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.85	48.57	47.45	47.62	1.84	ppb
Vanadium	51-2	50.05	50.01	49.95	50.00	0.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	520.51	524.64	520.50	521.88	0.46	ppb
Zirconium	90-1	48.88	50.03	49.89	49.60	1.27	ppb
Zirconium	91-1	48.84	50.05	50.25	49.71	1.54	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2546.46	2545.08	2538.36	2543.30	0.17	ppb
Antimony	121-1	127.03	129.27	128.90	128.40	0.93	ppb
Arsenic	75-2	133.15	131.35	131.86	132.12	0.70	ppb
Barium	135-1	646.35	665.41	658.13	656.63	1.46	ppb
Barium	137-1	652.59	659.00	658.47	656.69	0.54	ppb
Beryllium	9-1	128.88	133.35	133.09	131.78	1.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.44	140.83	143.06	140.78	1.64	ppb
Cadmium	106-1	138.75	143.28	140.38	140.80	1.63	ppb
Cadmium	111-1	134.42	138.15	137.93	136.84	1.53	ppb
Calcium	43-1	13075.53	13345.22	13466.39	13295.71	1.50	ppb
Calcium	44-1	12859.74	12804.34	13047.71	12903.93	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.21	126.64	128.00	127.62	0.67	ppb
Cobalt	59-2	129.46	129.19	128.53	129.06	0.37	ppb
Copper	63-2	1350.51	1332.56	1327.77	1336.95	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	6912.98	6876.13	6831.27	6873.46	0.60	ppb
Iron	57-2	6973.31	6939.91	6939.94	6951.05	0.28	ppb
Iron	54-2	7089.07	6862.07	6929.59	6960.24	1.67	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	615.09	618.08	629.49	620.89	1.22	ppb
Lead	207-1	615.99	622.50	645.19	627.89	2.44	ppb
Lead	208-1	619.14	620.33	632.80	624.09	1.21	ppb
Lithium	6-1				105		%
Magnesium	24-2	12910.77	12955.97	13006.65	12957.80	0.37	ppb
Manganese	55-2	1276.49	1292.81	1280.05	1283.12	0.67	ppb
Molybdenum	94-1	1246.06	1289.30	1292.19	1275.85	2.03	ppb
Molybdenum	95-1	1256.47	1277.72	1276.98	1270.39	0.95	ppb
Molybdenum	96-1	1249.86	1271.55	1288.96	1270.12	1.54	ppb
Molybdenum	97-1	1265.54	1285.66	1273.65	1274.95	0.79	ppb
Molybdenum	98-1	1257.80	1274.97	1273.75	1268.84	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.50	133.96	135.24	134.57	0.48	ppb
Phosphorus	31-2	2660.24	2623.03	2627.35	2636.87	0.77	ppb
Potassium	39-2	6550.72	6640.21	6505.56	6565.50	1.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	132.98	135.97	135.30	134.75	1.16	ppb
Selenium	77-2	133.18	129.53	133.41	132.04	1.65	ppb
Selenium	78-2	130.71	141.36	134.86	135.64	3.96	ppb
Silicon	28-1	125.53	128.06	128.19	127.26	1.18	ppb
Silver	107-1	135.76	140.63	138.54	138.31	1.77	ppb
Silver	109-1	137.25	139.95	139.30	138.83	1.02	ppb
Sodium	23-2	13348.28	13335.77	13152.71	13278.92	0.82	ppb
Strontium	86-1	3052.44	3126.49	3153.16	3110.69	1.68	ppb
Strontium	88-1	3100.87	3215.42	3203.66	3173.32	1.99	ppb
Sulfur	34-1	2606.22	2689.20	2645.95	2647.12	1.57	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	117.97	118.29	121.36	119.21	1.57	ppb
Thallium	205-1	124.19	123.40	125.08	124.22	0.67	ppb
Tin	118-1	127.41	131.97	129.48	129.62	1.76	ppb
Titanium	47-1	1255.07	1312.02	1294.46	1287.18	2.27	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.19	120.64	123.99	121.61	1.71	ppb
Vanadium	51-2	127.83	126.36	126.57	126.92	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	1318.76	1304.56	1305.23	1309.52	0.61	ppb
Zirconium	90-1	125.16	128.35	129.45	127.66	1.75	ppb
Zirconium	91-1	122.79	126.68	126.64	125.37	1.79	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4974.83	4962.81	4994.75	4977.46	0.32	ppb
Antimony	121-1	256.61	261.14	262.66	260.14	1.21	ppb
Arsenic	75-2	261.40	256.62	256.07	258.03	1.14	ppb
Barium	135-1	1276.53	1297.79	1314.31	1296.21	1.46	ppb
Barium	137-1	1274.07	1299.24	1290.27	1287.86	0.99	ppb
Beryllium	9-1	252.20	258.19	253.38	254.59	1.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.91	270.12	265.08	266.37	1.24	ppb
Cadmium	106-1	271.50	275.50	272.27	273.09	0.78	ppb
Cadmium	111-1	262.28	267.18	264.92	264.79	0.93	ppb
Calcium	43-1	25869.51	26774.09	26676.86	26440.15	1.88	ppb
Calcium	44-1	25328.09	26168.14	26023.16	25839.80	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249.81	250.36	251.12	250.43	0.26	ppb
Cobalt	59-2	259.04	256.87	258.73	258.21	0.46	ppb
Copper	63-2	2620.60	2600.93	2630.93	2617.49	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	13401.07	13379.18	13446.33	13408.86	0.26	ppb
Iron	57-2	13664.17	13633.26	13662.45	13653.30	0.13	ppb
Iron	54-2	13576.94	13683.82	13867.67	13709.48	1.07	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1262.08	1247.41	1248.19	1252.56	0.66	ppb
Lead	207-1	1267.76	1235.65	1247.91	1250.44	1.30	ppb
Lead	208-1	1253.88	1246.49	1251.48	1250.62	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	25733.11	25932.91	25609.27	25758.43	0.63	ppb
Manganese	55-2	2520.77	2541.58	2515.39	2525.91	0.55	ppb
Molybdenum	94-1	2546.56	2541.02	2533.62	2540.40	0.26	ppb
Molybdenum	95-1	2504.72	2521.44	2555.79	2527.31	1.03	ppb
Molybdenum	96-1	2512.10	2524.97	2543.32	2526.80	0.62	ppb
Molybdenum	97-1	2514.63	2505.31	2520.74	2513.56	0.31	ppb
Molybdenum	98-1	2503.82	2524.85	2535.76	2521.48	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.86	262.34	263.74	262.98	0.27	ppb
Phosphorus	31-2	5211.33	5209.17	5184.83	5201.78	0.28	ppb
Potassium	39-2	12716.81	12821.51	12704.00	12747.44	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	263.74	261.67	262.23	262.55	0.41	ppb
Selenium	77-2	265.72	252.97	258.29	258.99	2.47	ppb
Selenium	78-2	269.62	260.81	255.19	261.87	2.78	ppb
Silicon	28-1	247.20	257.52	255.34	253.35	2.15	ppb
Silver	107-1	267.56	267.85	270.05	268.49	0.51	ppb
Silver	109-1	268.35	269.81	273.30	270.49	0.94	ppb
Sodium	23-2	26389.42	26094.02	26544.09	26342.51	0.87	ppb
Strontium	86-1	6147.13	6129.58	6183.23	6153.31	0.44	ppb
Strontium	88-1	6303.70	6262.24	6241.10	6269.01	0.51	ppb
Sulfur	34-1	5155.53	5421.96	5236.65	5271.38	2.59	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	251.43	254.23	248.85	251.50	1.07	ppb
Thallium	205-1	250.37	249.07	247.42	248.95	0.59	ppb
Tin	118-1	258.18	264.13	261.66	261.33	1.14	ppb
Titanium	47-1	2528.92	2582.58	2555.87	2555.79	1.05	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	247.44	241.96	241.65	243.68	1.34	ppb
Vanadium	51-2	250.65	250.36	249.72	250.24	0.19	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	2642.94	2611.61	2639.16	2631.24	0.65	ppb
Zirconium	90-1	253.12	252.85	253.62	253.20	0.16	ppb
Zirconium	91-1	248.41	246.60	252.06	249.03	1.12	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10449.13	10289.44	10081.53	10273.37	1.79	ppb
Antimony	121-1	495.63	517.72	505.61	506.32	2.19	ppb
Arsenic	75-2	506.50	517.67	511.25	511.81	1.10	ppb
Barium	135-1	2468.96	2586.02	2532.78	2529.25	2.32	ppb
Barium	137-1	2454.19	2542.58	2531.46	2509.41	1.92	ppb
Beryllium	9-1	484.04	509.02	501.48	498.18	2.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.11	519.78	511.57	510.49	1.94	ppb
Cadmium	106-1	512.59	524.31	512.66	516.52	1.31	ppb
Cadmium	111-1	497.83	516.71	505.64	506.73	1.87	ppb
Calcium	43-1	50805.62	52861.04	52957.97	52208.21	2.33	ppb
Calcium	44-1	50158.64	51492.40	52051.09	51234.04	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.07	509.28	505.30	506.55	0.47	ppb
Cobalt	59-2	511.27	506.66	512.04	509.99	0.57	ppb
Copper	63-2	5195.47	5147.74	5103.84	5149.02	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	27122.97	26942.11	26977.24	27014.11	0.36	ppb
Iron	57-2	26792.83	26593.08	27203.32	26863.08	1.16	ppb
Iron	54-2	27116.08	27063.04	27215.05	27131.39	0.28	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2457.94	2534.67	2541.86	2511.49	1.85	ppb
Lead	207-1	2451.68	2525.97	2535.80	2504.48	1.84	ppb
Lead	208-1	2436.46	2523.74	2533.10	2497.77	2.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	51119.89	51509.95	51049.28	51226.38	0.48	ppb
Manganese	55-2	5098.64	5068.84	5085.36	5084.28	0.29	ppb
Molybdenum	94-1	4903.71	4986.48	5061.14	4983.78	1.58	ppb
Molybdenum	95-1	4861.47	5009.74	5061.35	4977.52	2.08	ppb
Molybdenum	96-1	4918.07	5065.04	5066.77	5016.63	1.70	ppb
Molybdenum	97-1	4905.84	4960.39	5076.06	4980.76	1.75	ppb
Molybdenum	98-1	4881.75	5050.71	5046.89	4993.12	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.76	512.50	514.51	515.26	0.62	ppb
Phosphorus	31-2	10355.20	10070.35	10110.06	10178.53	1.52	ppb
Potassium	39-2	25585.98	25359.79	25299.64	25415.14	0.59	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	501.99	514.84	511.17	509.33	1.30	ppb
Selenium	77-2	491.96	518.29	507.45	505.90	2.62	ppb
Selenium	78-2	497.17	515.65	509.12	507.31	1.85	ppb
Silicon	28-1	513.52	530.08	530.53	524.71	1.85	ppb
Silver	107-1	511.02	520.19	511.89	514.37	0.98	ppb
Silver	109-1	506.44	520.10	518.65	515.06	1.46	ppb
Sodium	23-2	53016.40	53337.38	52279.46	52877.75	1.03	ppb
Strontium	86-1	12175.53	12527.89	12577.34	12426.92	1.76	ppb
Strontium	88-1	12250.43	12582.35	12721.30	12518.03	1.93	ppb
Sulfur	34-1	9879.61	10267.73	10178.46	10108.60	2.01	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	491.11	512.04	504.50	502.55	2.11	ppb
Thallium	205-1	486.31	507.60	511.02	501.64	2.67	ppb
Tin	118-1	494.41	516.75	505.66	505.61	2.21	ppb
Titanium	47-1	4883.12	5090.07	5181.90	5051.70	3.03	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	481.96	500.60	503.97	495.51	2.39	ppb
Vanadium	51-2	509.31	507.94	502.03	506.43	0.76	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	5261.89	5166.11	5201.31	5209.77	0.93	ppb
Zirconium	90-1	486.28	502.63	511.23	500.05	2.54	ppb
Zirconium	91-1	488.17	505.27	511.63	501.69	2.42	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19856.66	20062.78	19911.97	19943.80	0.53	ppb
Antimony	121-1	984.95	982.33	1014.11	993.80	1.77	ppb
Arsenic	75-2	990.27	990.74	992.20	991.07	0.10	ppb
Barium	135-1	4891.02	4917.02	5101.08	4969.71	2.30	ppb
Barium	137-1	4951.76	4899.22	5094.30	4981.76	2.03	ppb
Beryllium	9-1	1005.23	984.52	1006.49	998.74	1.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	973.49	985.96	1005.59	988.35	1.64	ppb
Cadmium	106-1	969.03	972.13	1009.80	983.65	2.31	ppb
Cadmium	111-1	972.34	985.82	1015.48	991.21	2.23	ppb
Calcium	43-1	98390.23	103216.43	102561.51	101389.39	2.58	ppb
Calcium	44-1	99380.14	101568.25	103230.69	101393.03	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.62	1003.75	993.41	996.26	0.66	ppb
Cobalt	59-2	987.42	995.30	994.47	992.40	0.44	ppb
Copper	63-2	9858.25	9937.18	9855.66	9883.70	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	52167.93	52672.64	52387.89	52409.49	0.48	ppb
Iron	57-2	52608.50	52444.81	52814.53	52622.61	0.35	ppb
Iron	54-2	52891.10	53649.18	53133.52	53224.60	0.73	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4900.52	5069.62	5012.82	4994.32	1.72	ppb
Lead	207-1	4898.53	5074.08	5019.49	4997.37	1.80	ppb
Lead	208-1	4919.33	5065.26	5018.95	5001.18	1.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	99444.87	101614.89	100618.28	100559.35	1.08	ppb
Manganese	55-2	9951.58	10008.74	9881.21	9947.18	0.64	ppb
Molybdenum	94-1	9802.23	10060.98	10120.80	9994.67	1.69	ppb
Molybdenum	95-1	9794.55	10071.80	10138.29	10001.55	1.82	ppb
Molybdenum	96-1	9850.94	9993.36	10101.47	9981.92	1.26	ppb
Molybdenum	97-1	9887.02	10070.68	10051.24	10002.98	1.01	ppb
Molybdenum	98-1	9852.31	10082.29	10052.02	9995.54	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	981.67	991.57	990.04	987.76	0.54	ppb
Phosphorus	31-2	19694.83	19951.73	19876.25	19840.94	0.67	ppb
Potassium	39-2	49660.30	49804.18	50055.94	49840.14	0.40	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	979.48	992.98	999.89	990.78	1.05	ppb
Selenium	77-2	978.74	1002.17	1000.49	993.80	1.31	ppb
Selenium	78-2	973.43	1006.68	995.48	991.86	1.71	ppb
Silicon	28-1	973.38	991.20	994.86	986.48	1.17	ppb
Silver	107-1	977.64	978.68	1002.47	986.26	1.42	ppb
Silver	109-1	978.68	976.80	1000.59	985.36	1.34	ppb
Sodium	23-2	102744.85	104335.32	103385.55	103488.57	0.77	ppb
Strontium	86-1	24813.38	25220.76	25155.91	25063.35	0.87	ppb
Strontium	88-1	24698.10	25092.58	25150.31	24980.33	0.99	ppb
Sulfur	34-1	19417.93	20101.20	20049.63	19856.25	1.92	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	994.42	1008.39	994.78	999.20	0.80	ppb
Thallium	205-1	985.69	1008.58	1004.82	999.70	1.23	ppb
Tin	118-1	983.85	991.51	1005.66	993.67	1.11	ppb
Titanium	47-1	9698.00	10089.72	10078.84	9955.52	2.24	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	984.67	1020.15	1008.28	1004.37	1.80	ppb
Vanadium	51-2	989.47	995.97	1004.01	996.48	0.73	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	9862.80	9888.22	9810.30	9853.77	0.40	ppb
Zirconium	90-1	982.89	1007.36	1006.35	998.87	1.39	ppb
Zirconium	91-1	976.65	1008.76	1012.69	999.37	1.98	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99837.50	100657.51	99456.64	99983.88	0.61	ppb
Antimony	121-1	0.97	0.91	0.87	0.92	5.29	ppb
Arsenic	75-2	0.56	0.57	0.53	0.55	3.45	ppb
Barium	135-1	2.95	2.76	2.50	2.73	8.21	ppb
Barium	137-1	2.90	2.66	2.63	2.73	5.46	ppb
Beryllium	9-1	0.43	0.34	0.33	0.37	15.56	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.54	0.61	0.55	9.85	ppb
Cadmium	106-1	-3.14	-4.07	-3.06	-3.43		ppb
Cadmium	111-1	0.11	-0.03	0.01	0.03	249.02	ppb
Calcium	43-1	490394.49	509498.20	498326.49	499406.39	1.92	ppb
Calcium	44-1	494602.01	503859.38	500172.73	499544.71	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.92	2.04	1.93	5.15	ppb
Cobalt	59-2	2.69	2.68	2.62	2.67	1.38	ppb
Copper	63-2	2.64	2.45	2.18	2.42	9.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	248845.31	249292.63	249623.36	249253.77	0.16	ppb
Iron	57-2	249187.93	251017.70	247429.06	249211.56	0.72	ppb
Iron	54-2	248205.88	249488.40	249488.02	249060.77	0.30	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.52	2.24	2.17	2.31	7.85	ppb
Lead	207-1	2.48	2.15	2.07	2.23	9.71	ppb
Lead	208-1	2.49	2.19	2.08	2.25	9.32	ppb
Lithium	6-1				98		%
Magnesium	24-2	500757.77	498245.81	500139.48	499714.36	0.26	ppb
Manganese	55-2	5.23	5.12	4.95	5.10	2.76	ppb
Molybdenum	94-1	4.41	3.93	3.56	3.97	10.65	ppb
Molybdenum	95-1	3.66	3.03	2.62	3.10	16.87	ppb
Molybdenum	96-1	5.39	4.84	4.41	4.88	10.06	ppb
Molybdenum	97-1	3.63	2.99	2.74	3.12	14.68	ppb
Molybdenum	98-1	3.55	2.93	2.55	3.01	16.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	4.90	4.73	4.92	3.92	ppb
Phosphorus	31-2	3.60	-10.44	4.20	-0.88		ppb
Potassium	39-2	250553.82	250894.01	248459.53	249969.12	0.53	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	82-1	0.82	1.44	0.71	0.99	40.04	ppb
Selenium	77-2	-0.24	0.16	0.36	0.09	331.23	ppb
Selenium	78-2	-1.26	-0.62	-1.19	-1.02		ppb
Silicon	28-1	-4.78	-4.85	-5.05	-4.89		ppb
Silver	107-1	0.32	0.26	0.22	0.27	19.85	ppb
Silver	109-1	0.33	0.27	0.23	0.28	17.42	ppb
Sodium	23-2	499385.89	497474.11	499915.11	498925.04	0.26	ppb
Strontium	86-1	76.91	74.02	74.85	75.26	1.97	ppb
Strontium	88-1	76.59	76.38	74.49	75.82	1.52	ppb
Sulfur	34-1	-961.43	-857.35	-857.79	-892.19		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.25	0.22	0.26	20.52	ppb
Thallium	205-1	0.30	0.25	0.22	0.26	16.51	ppb
Tin	118-1	0.43	0.36	0.34	0.38	12.98	ppb
Titanium	47-1	3.24	2.97	2.25	2.82	18.21	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.24	0.21	0.25	19.69	ppb
Vanadium	51-2	0.29	0.28	0.22	0.27	15.14	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	14.44	14.12	13.98	14.18	1.67	ppb
Zirconium	90-1	0.79	0.73	0.70	0.74	6.24	ppb
Zirconium	91-1	0.80	0.76	0.66	0.74	10.10	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	480.26	464.31	463.80	469.46	1.99	ppb
Antimony	121-1	206.82	212.36	214.11	211.10	1.80	ppb
Arsenic	75-2	218.54	215.68	209.52	214.58	2.15	ppb
Barium	135-1	99.22	101.93	101.65	100.93	1.48	ppb
Barium	137-1	99.38	101.38	101.25	100.67	1.11	ppb
Beryllium	9-1	106.79	110.08	110.93	109.27	2.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.88	99.05	99.25	98.72	0.75	ppb
Cadmium	106-1	94.32	97.07	95.49	95.63	1.44	ppb
Cadmium	111-1	107.72	110.97	111.00	109.90	1.71	ppb
Calcium	43-1	1924.19	2008.33	2025.50	1986.00	2.73	ppb
Calcium	44-1	1951.19	1993.29	2017.43	1987.30	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.39	100.75	100.19	101.44	1.68	ppb
Cobalt	59-2	103.69	100.27	99.97	101.31	2.04	ppb
Copper	63-2	99.64	96.84	95.53	97.34	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2156.99	2061.34	2023.73	2080.69	3.30	ppb
Iron	57-2	2162.48	2075.67	2089.09	2109.08	2.22	ppb
Iron	54-2	2249.97	2174.42	2171.62	2198.67	2.02	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	200.58	197.75	200.90	199.74	0.87	ppb
Lead	207-1	180.83	182.18	181.55	181.52	0.37	ppb
Lead	208-1	192.37	193.21	192.95	192.84	0.22	ppb
Lithium	6-1				106		%
Magnesium	24-2	1196.48	1146.28	1144.26	1162.34	2.55	ppb
Manganese	55-2	101.17	97.43	96.94	98.51	2.35	ppb
Molybdenum	94-1	0.02	0.06	0.09	0.06	59.92	ppb
Molybdenum	95-1	-0.06	-0.02	0.02	-0.02		ppb
Molybdenum	96-1	0.01	0.00	0.06	0.02	136.36	ppb
Molybdenum	97-1	-0.06	-0.05	-0.04	-0.05		ppb
Molybdenum	98-1	-0.01	0.02	0.03	0.01	127.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.14	105.91	105.71	106.92	1.80	ppb
Phosphorus	31-2	-22.96	-15.79	-17.28	-18.68		ppb
Potassium	39-2	2094.16	2008.40	2000.87	2034.48	2.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	208.18	215.77	217.85	213.93	2.38	ppb
Selenium	77-2	219.32	216.49	211.09	215.63	1.94	ppb
Selenium	78-2	218.82	222.86	217.81	219.83	1.22	ppb
Silicon	28-1	-0.72	-4.20	-0.91	-1.95		ppb
Silver	107-1	51.50	52.72	52.91	52.38	1.46	ppb
Silver	109-1	51.22	53.04	53.63	52.63	2.39	ppb
Sodium	23-2	2005.90	1951.07	1962.21	1973.06	1.47	ppb
Strontium	86-1	6.11	5.70	6.62	6.14	7.54	ppb
Strontium	88-1	5.98	6.20	6.33	6.17	2.92	ppb
Sulfur	34-1	-24.86	29.55	92.13	32.27	181.40	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	197.85	198.16	197.17	197.73	0.26	ppb
Thallium	205-1	198.81	197.05	196.69	197.51	0.57	ppb
Tin	118-1	0.03	0.14	0.04	0.07	90.11	ppb
Titanium	47-1	-0.07	0.01	0.01	-0.02		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	100.82	97.62	96.83	98.42	2.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	204.45	196.76	194.96	198.72	2.54	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	65.81	ppb
Zirconium	91-1	0.07	0.10	0.07	0.08	18.64	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-8.46	-8.42	-8.48	-8.45		ppb
Antimony	121-1	-0.06	-0.06	-0.06	-0.06		ppb
Arsenic	75-2	-0.10	-0.13	-0.12	-0.12		ppb
Barium	135-1	-0.40	-0.40	-0.39	-0.40		ppb
Barium	137-1	-0.40	-0.40	-0.40	-0.40		ppb
Beryllium	9-1	-0.08	-0.12	-0.10	-0.10		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.04	-0.02	-0.04		ppb
Cadmium	106-1	-1.40	-0.45	0.18	-0.56		ppb
Cadmium	111-1	-0.17	-0.11	-0.06	-0.11		ppb
Calcium	43-1	-40.79	-39.57	-37.99	-39.45		ppb
Calcium	44-1	-42.35	-43.24	-43.75	-43.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.06	-0.08	-0.07		ppb
Cobalt	59-2	-0.08	-0.08	-0.08	-0.08		ppb
Copper	63-2	-0.85	-0.86	-0.83	-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				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	-20.70	-20.78	-20.85	-20.78		ppb
Iron	57-2	-21.67	-22.21	-21.72	-21.87		ppb
Iron	54-2	-21.12	-20.70	-21.10	-20.97		ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.36	-0.36	-0.37	-0.36		ppb
Lead	207-1	-0.36	-0.36	-0.36	-0.36		ppb
Lead	208-1	-0.36	-0.36	-0.36	-0.36		ppb
Lithium	6-1				107		%
Magnesium	24-2	-40.91	-40.64	-40.70	-40.75		ppb
Manganese	55-2	-0.79	-0.80	-0.80	-0.80		ppb
Molybdenum	94-1	-0.73	-0.73	-0.73	-0.73		ppb
Molybdenum	95-1	-0.78	-0.78	-0.77	-0.77		ppb
Molybdenum	96-1	-0.74	-0.74	-0.75	-0.74		ppb
Molybdenum	97-1	-0.76	-0.77	-0.77	-0.77		ppb
Molybdenum	98-1	-0.76	-0.75	-0.76	-0.76		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.05	-0.10	-0.08		ppb
Phosphorus	31-2	-10.85	-19.87	-19.34	-16.69		ppb
Potassium	39-2	-19.99	-19.03	-20.65	-19.89		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.15	-0.12	0.10	-0.06		ppb
Selenium	77-2	-0.24	-0.24	0.11	-0.12		ppb
Selenium	78-2	-1.32	-0.41	-1.82	-1.18		ppb
Silicon	28-1	-4.36	-4.37	-0.71	-3.14		ppb
Silver	107-1	-0.07	-0.07	-0.07	-0.07		ppb
Silver	109-1	-0.07	-0.07	-0.08	-0.07		ppb
Sodium	23-2	-37.55	-38.06	-38.36	-37.99		ppb
Strontium	86-1	-1.93	-2.10	-1.83	-1.95		ppb
Strontium	88-1	-1.88	-1.91	-1.87	-1.89		ppb
Sulfur	34-1	168.16	207.87	263.21	213.08	22.41	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	-0.06	-0.07	-0.06	-0.06		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	-0.06	-0.07	-0.07	-0.07		ppb
Titanium	47-1	-0.83	-0.80	-0.83	-0.82		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.08	-0.08	-0.08	-0.08		ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.89	-0.76	-0.83	-0.82		ppb
Zirconium	90-1	-0.07	-0.07	-0.06	-0.07		ppb
Zirconium	91-1	-0.06	-0.05	-0.06	-0.06		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98301.39	93735.31	92569.29	94868.66	3.19	ppb
Antimony	121-1	1.12	1.21	1.17	1.17	3.55	ppb
Arsenic	75-2	0.25	0.30	0.30	0.28	9.67	ppb
Barium	135-1	1.33	1.36	1.33	1.34	1.40	ppb
Barium	137-1	1.37	1.30	1.30	1.32	2.95	ppb
Beryllium	9-1	0.18	0.28	0.29	0.25	24.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.26	9.39	8.93	9.20	2.58	ppb
Cadmium	106-1	-3.24	-4.19	-3.88	-3.77		ppb
Cadmium	111-1	0.19	-0.03	0.07	0.07	147.25	ppb
Calcium	43-1	98622.30	104154.60	100932.70	101236.53	2.74	ppb
Calcium	44-1	100105.37	102952.86	101294.35	101450.86	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.10	20.45	20.12	20.56	2.43	ppb
Cobalt	59-2	1.29	1.27	1.30	1.28	1.18	ppb
Copper	63-2	7.44	7.19	7.10	7.24	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	112660.70	107872.90	105893.17	108808.93	3.20	ppb
Iron	57-2	110901.59	108623.95	104140.31	107888.62	3.19	ppb
Iron	54-2	112403.97	109505.85	105543.43	109151.08	3.16	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.87	4.66	4.65	4.73	2.60	ppb
Lead	207-1	4.46	4.16	4.14	4.25	4.28	ppb
Lead	208-1	4.52	4.36	4.34	4.41	2.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	106684.18	102213.76	101293.12	103397.02	2.79	ppb
Manganese	55-2	8.31	8.06	7.65	8.01	4.17	ppb
Molybdenum	94-1	1602.57	1622.45	1604.89	1609.97	0.68	ppb
Molybdenum	95-1	1966.35	1975.57	1970.30	1970.74	0.23	ppb
Molybdenum	96-1	1908.25	1949.48	1946.26	1934.66	1.19	ppb
Molybdenum	97-1	1933.05	1999.00	1999.73	1977.26	1.94	ppb
Molybdenum	98-1	1965.07	1993.60	1972.89	1977.19	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.05	5.54	5.42	5.67	5.87	ppb
Phosphorus	31-2	109204.07	105300.16	103606.30	106036.84	2.71	ppb
Potassium	39-2	105829.54	101673.68	100649.59	102717.60	2.67	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.18	-0.30	-0.01	-0.04		ppb
Selenium	77-2	-0.04	-0.04	0.15	0.02	515.31	ppb
Selenium	78-2	-0.27	-1.00	-0.69	-0.66		ppb
Silicon	28-1	-4.58	-4.86	-4.94	-4.79		ppb
Silver	107-1	0.03	0.02	0.02	0.03	31.13	ppb
Silver	109-1	0.04	0.04	0.02	0.03	19.52	ppb
Sodium	23-2	107564.76	104534.07	101571.10	104556.64	2.87	ppb
Strontium	86-1	838.37	845.28	852.06	845.24	0.81	ppb
Strontium	88-1	837.38	847.27	846.14	843.60	0.64	ppb
Sulfur	34-1	109706.53	109842.66	109989.26	109846.15	0.13	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.07	0.06	0.06	18.88	ppb
Thallium	205-1	0.05	0.06	0.08	0.06	20.63	ppb
Tin	118-1	0.38	0.30	0.24	0.31	22.80	ppb
Titanium	47-1	2033.64	2080.42	2073.11	2062.39	1.22	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	2.47	ppb
Vanadium	51-2	0.22	0.22	0.20	0.21	6.08	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	13.99	13.44	13.38	13.60	2.47	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	17.42	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	28.46	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90848.76	90791.36	90792.37	90810.83	0.04	ppb
Antimony	121-1	22.33	22.74	22.47	22.51	0.92	ppb
Arsenic	75-2	22.24	21.62	21.72	21.86	1.53	ppb
Barium	135-1	21.93	22.57	22.62	22.38	1.72	ppb
Barium	137-1	22.33	22.73	22.42	22.49	0.93	ppb
Beryllium	9-1	20.93	21.95	21.95	21.61	2.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.56	26.26	26.30	26.71	2.78	ppb
Cadmium	106-1	14.72	13.53	15.10	14.45	5.67	ppb
Cadmium	111-1	21.33	21.61	21.45	21.46	0.66	ppb
Calcium	43-1	99707.93	100082.89	101718.74	100503.19	1.06	ppb
Calcium	44-1	100702.26	100795.67	101534.02	101010.65	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.96	40.92	40.49	40.79	0.64	ppb
Cobalt	59-2	22.21	22.18	22.18	22.19	0.08	ppb
Copper	63-2	26.63	26.67	26.80	26.70	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	104472.92	103371.37	103547.92	103797.40	0.57	ppb
Iron	57-2	103577.90	104056.41	102102.41	103245.58	0.99	ppb
Iron	54-2	104940.98	104504.93	103702.16	104382.69	0.60	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.54	25.37	26.01	25.64	1.29	ppb
Lead	207-1	24.18	24.23	24.72	24.37	1.22	ppb
Lead	208-1	24.45	24.50	25.00	24.65	1.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	98981.62	99008.06	99125.29	99038.32	0.08	ppb
Manganese	55-2	28.70	28.94	28.47	28.70	0.81	ppb
Molybdenum	94-1	1569.67	1575.64	1592.87	1579.40	0.76	ppb
Molybdenum	95-1	1948.87	1958.93	1945.50	1951.10	0.36	ppb
Molybdenum	96-1	1928.74	1897.73	1928.89	1918.45	0.94	ppb
Molybdenum	97-1	1934.37	1929.37	1959.91	1941.22	0.84	ppb
Molybdenum	98-1	1951.02	1960.17	1961.34	1957.51	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.83	27.17	27.11	27.04	0.67	ppb
Phosphorus	31-2	101808.32	101274.72	101342.06	101475.03	0.29	ppb
Potassium	39-2	97975.61	97900.49	98933.23	98269.78	0.59	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	21.51	21.99	22.30	21.93	1.82	ppb
Selenium	77-2	19.18	17.93	22.16	19.76	11.01	ppb
Selenium	78-2	20.55	22.69	21.96	21.73	5.01	ppb
Silicon	28-1	-4.62	-4.74	-4.62	-4.66		ppb
Silver	107-1	20.10	20.42	20.26	20.26	0.78	ppb
Silver	109-1	20.34	20.51	20.70	20.52	0.88	ppb
Sodium	23-2	100151.17	100280.42	99169.34	99866.97	0.61	ppb
Strontium	86-1	839.88	840.67	838.05	839.53	0.16	ppb
Strontium	88-1	843.00	837.10	847.03	842.38	0.59	ppb
Sulfur	34-1	107837.77	106611.43	108842.84	107764.01	1.04	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	21.03	20.92	21.54	21.16	1.56	ppb
Thallium	205-1	20.71	20.69	21.33	20.91	1.73	ppb
Tin	118-1	0.15	0.16	0.16	0.16	5.73	ppb
Titanium	47-1	2027.08	2027.95	2050.94	2035.32	0.66	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	22.43	ppb
Vanadium	51-2	21.11	21.26	20.94	21.10	0.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	32.81	33.21	32.54	32.85	1.02	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	91.66	ppb
Zirconium	91-1	0.05	0.03	0.01	0.03	60.28	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49297.32	48965.65	49556.94	49273.30	0.60	ppb
Antimony	121-1	481.91	494.62	494.36	490.30	1.48	ppb
Arsenic	75-2	485.65	489.99	486.89	487.51	0.46	ppb
Barium	135-1	2417.63	2473.73	2483.00	2458.12	1.44	ppb
Barium	137-1	2453.01	2481.26	2487.27	2473.85	0.74	ppb
Beryllium	9-1	481.27	476.37	483.46	480.37	0.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.67	487.17	483.97	482.27	1.23	ppb
Cadmium	106-1	481.38	488.31	490.06	486.59	0.94	ppb
Cadmium	111-1	470.19	475.98	479.68	475.28	1.01	ppb
Calcium	43-1	242977.20	245469.75	245290.31	244579.08	0.57	ppb
Calcium	44-1	242684.85	245303.56	245991.78	244660.06	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.98	488.10	491.85	488.98	0.52	ppb
Cobalt	59-2	478.45	476.67	472.92	476.01	0.59	ppb
Copper	63-2	4641.22	4647.45	4694.17	4660.95	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				100		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	126259.16	126404.34	127146.96	126603.48	0.38	ppb
Iron	57-2	125286.89	125246.92	124385.42	124973.08	0.41	ppb
Iron	54-2	126963.38	126896.07	127147.02	127002.15	0.10	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2517.87	2475.69	2569.73	2521.10	1.87	ppb
Lead	207-1	2482.08	2500.13	2542.09	2508.10	1.23	ppb
Lead	208-1	2495.14	2497.06	2531.55	2507.92	0.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	262219.22	260980.77	261832.40	261677.46	0.24	ppb
Manganese	55-2	4864.71	4871.96	4896.05	4877.57	0.34	ppb
Molybdenum	94-1	4909.50	5047.51	4973.18	4976.73	1.39	ppb
Molybdenum	95-1	4878.13	4981.68	4966.71	4942.18	1.13	ppb
Molybdenum	96-1	4890.51	4967.19	4967.63	4941.78	0.90	ppb
Molybdenum	97-1	4917.46	4989.79	4929.91	4945.72	0.78	ppb
Molybdenum	98-1	4875.33	4966.60	4925.22	4922.38	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.02	466.44	469.83	469.43	0.60	ppb
Phosphorus	31-2	10089.77	9798.95	9994.82	9961.18	1.49	ppb
Potassium	39-2	122666.59	122516.59	122451.62	122544.93	0.09	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	465.00	477.17	475.99	472.72	1.42	ppb
Selenium	77-2	466.83	472.44	491.55	476.94	2.72	ppb
Selenium	78-2	469.14	481.24	462.14	470.84	2.05	ppb
Silicon	28-1	514.69	515.49	519.02	516.40	0.45	ppb
Silver	107-1	480.10	482.72	484.72	482.51	0.48	ppb
Silver	109-1	476.09	483.98	481.14	480.40	0.83	ppb
Sodium	23-2	248885.49	249626.55	251205.97	249906.00	0.47	ppb
Strontium	86-1	12143.00	12293.84	12490.15	12309.00	1.41	ppb
Strontium	88-1	12320.63	12325.19	12314.92	12320.25	0.04	ppb
Sulfur	34-1	9264.46	9301.40	9338.64	9301.50	0.40	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	505.57	497.65	514.17	505.80	1.63	ppb
Thallium	205-1	505.60	496.44	515.46	505.83	1.88	ppb
Tin	118-1	490.51	497.51	495.09	494.37	0.72	ppb
Titanium	47-1	4954.23	4904.60	4865.65	4908.16	0.90	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	500.95	510.04	512.88	507.96	1.23	ppb
Vanadium	51-2	498.89	497.26	501.62	499.26	0.44	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4604.25	4555.76	4604.74	4588.25	0.61	ppb
Zirconium	90-1	493.04	499.89	500.32	497.75	0.82	ppb
Zirconium	91-1	493.41	501.49	498.12	497.67	0.82	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.78	-3.28	-4.54	-3.53		ppb
Antimony	121-1	0.25	0.17	0.12	0.18	36.27	ppb
Arsenic	75-2	-0.07	-0.08	-0.07	-0.07		ppb
Barium	135-1	0.51	0.23	0.06	0.27	84.04	ppb
Barium	137-1	0.61	0.21	0.04	0.29	103.43	ppb
Beryllium	9-1	0.10	0.08	0.04	0.08	36.18	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.04	0.05	0.10	92.60	ppb
Cadmium	106-1	-3.13	-4.02	-2.43	-3.19		ppb
Cadmium	111-1	-0.06	-0.22	-0.14	-0.14		ppb
Calcium	43-1	57.36	29.60	13.89	33.62	65.48	ppb
Calcium	44-1	60.86	27.82	4.59	31.09	90.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	-0.03	-0.04	-0.05	-0.04		ppb
Copper	63-2	-0.10	-0.16	-0.29	-0.18		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	-5.02	-8.03	-10.07	-7.71		ppb
Iron	57-2	-8.64	-11.73	-12.33	-10.90		ppb
Iron	54-2	-5.40	-9.22	-11.20	-8.61		ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.59	0.31	0.13	0.35	68.22	ppb
Lead	207-1	0.60	0.32	0.13	0.35	67.45	ppb
Lead	208-1	0.60	0.33	0.11	0.35	70.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	-12.96	-17.87	-20.79	-17.20		ppb
Manganese	55-2	-0.23	-0.33	-0.43	-0.33		ppb
Molybdenum	94-1	1.48	0.81	0.46	0.92	56.76	ppb
Molybdenum	95-1	1.39	0.78	0.33	0.83	63.62	ppb
Molybdenum	96-1	1.53	0.72	0.36	0.87	69.22	ppb
Molybdenum	97-1	1.53	0.75	0.32	0.87	71.00	ppb
Molybdenum	98-1	1.43	0.77	0.30	0.84	67.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.08	-0.07	-0.08		ppb
Phosphorus	31-2	-20.54	-21.06	-27.72	-23.11		ppb
Potassium	39-2	-3.76	-10.45	-12.21	-8.81		ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	-0.45	0.02	-0.29	-0.24		ppb
Selenium	77-2	0.13	-0.24	-0.24	-0.12		ppb
Selenium	78-2	-0.99	-0.37	-1.52	-0.96		ppb
Silicon	28-1	-5.59	-5.58	-5.63	-5.60		ppb
Silver	107-1	0.17	0.09	0.04	0.10	68.30	ppb
Silver	109-1	0.15	0.09	0.04	0.10	58.77	ppb
Sodium	23-2	27.13	21.60	15.44	21.39	27.33	ppb
Strontium	86-1	2.82	1.68	-0.16	1.45	104.00	ppb
Strontium	88-1	3.10	1.51	0.38	1.66	82.28	ppb
Sulfur	34-1	-820.50	-742.58	-662.03	-741.70		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.08	0.05	0.09	50.12	ppb
Thallium	205-1	0.13	0.08	0.04	0.08	54.39	ppb
Tin	118-1	0.14	0.09	0.03	0.09	65.76	ppb
Titanium	47-1	1.25	0.68	0.22	0.72	71.95	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.05	0.02	0.06	81.05	ppb
Vanadium	51-2	-0.02	-0.02	-0.04	-0.03		ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.22	-0.37	-0.42	-0.34		ppb
Zirconium	90-1	0.16	0.10	0.05	0.10	54.77	ppb
Zirconium	91-1	0.17	0.11	0.05	0.11	53.56	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	646.26	650.80	645.55	647.54	0.44	ppb
Antimony	121-1	2.42	2.47	2.42	2.43	1.27	ppb
Arsenic	75-2	5.12	5.23	5.23	5.19	1.23	ppb
Barium	135-1	13.50	13.20	13.47	13.39	1.25	ppb
Barium	137-1	12.99	13.52	13.25	13.25	1.98	ppb
Beryllium	9-1	-0.04	0.00	-0.01	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	3.13	3.17	3.02	7.35	ppb
Cadmium	106-1	-0.18	0.14	0.48	0.15	227.35	ppb
Cadmium	111-1	2.76	2.84	2.84	2.81	1.64	ppb
Calcium	43-1	213.26	214.44	229.83	219.18	4.22	ppb
Calcium	44-1	213.90	219.30	221.10	218.10	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.66	0.66	0.67	1.33	ppb
Cobalt	59-2	1.44	1.41	1.40	1.42	1.55	ppb
Copper	63-2	554.48	553.38	543.07	550.31	1.14	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	4626.93	4630.52	4604.48	4620.64	0.31	ppb
Iron	57-2	4631.22	4599.77	4602.24	4611.07	0.38	ppb
Iron	54-2	4725.04	4712.42	4693.33	4710.26	0.34	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1415.82	1414.57	1452.09	1427.49	1.49	ppb
Lead	207-1	1328.56	1349.95	1363.63	1347.38	1.31	ppb
Lead	208-1	1357.10	1365.93	1384.66	1369.23	1.03	ppb
Lithium	6-1				103		%
Magnesium	24-2	323.17	325.11	322.41	323.56	0.43	ppb
Manganese	55-2	1371.72	1367.54	1369.99	1369.75	0.15	ppb
Molybdenum	94-1	3.88	3.96	4.11	3.98	2.85	ppb
Molybdenum	95-1	4.86	4.93	5.06	4.95	2.02	ppb
Molybdenum	96-1	4.89	4.86	4.86	4.87	0.29	ppb
Molybdenum	97-1	4.98	4.95	4.93	4.95	0.50	ppb
Molybdenum	98-1	4.89	4.91	4.99	4.93	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.91	0.86	0.91	5.31	ppb
Phosphorus	31-2	71.33	61.10	71.51	67.98	8.77	ppb
Potassium	39-2	53.22	54.21	54.06	53.83	0.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.42	0.25	0.08	0.25	69.89	ppb
Selenium	77-2	0.78	1.47	0.44	0.90	58.39	ppb
Selenium	78-2	0.46	0.56	-0.36	0.22	229.08	ppb
Silicon	28-1	14.17	14.18	14.41	14.25	0.93	ppb
Silver	107-1	10.74	10.91	10.95	10.87	1.03	ppb
Silver	109-1	10.94	11.09	11.07	11.03	0.77	ppb
Sodium	23-2	-24.90	-24.83	-25.14	-24.96		ppb
Strontium	86-1	55.69	55.91	58.34	56.65	2.60	ppb
Strontium	88-1	55.81	56.06	56.23	56.03	0.37	ppb
Sulfur	34-1	839.52	927.95	986.65	918.04	8.07	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	7.66	7.68	7.75	7.69	0.61	ppb
Titanium	47-1	2.64	2.64	2.87	2.72	4.98	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.04	0.03	10.86	ppb
Vanadium	51-2	1.54	1.55	1.60	1.56	2.09	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	500.92	500.52	498.45	499.96	0.26	ppb
Zirconium	90-1	-0.02	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	0.00	-0.02	-0.02	-0.01		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.17	53.46	53.17	53.27	0.31	ppb
Antimony	121-1	18.40	21.64	20.21	20.09	8.08	ppb
Arsenic	75-2	138.73	138.38	135.87	137.66	1.13	ppb
Barium	135-1	10.31	12.32	11.45	11.36	8.87	ppb
Barium	137-1	10.35	12.20	11.34	11.30	8.17	ppb
Beryllium	9-1	-0.11	-0.10	-0.10	-0.10		ppb
Bismuth	209-1				112		%
Bismuth	209-2				118		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.68	0.51	0.51	32.06	ppb
Cadmium	106-1	-0.57	0.51	-0.46	-0.17		ppb
Cadmium	111-1	0.34	0.50	0.40	0.41	19.44	ppb
Calcium	43-1	-19.36	-18.19	-16.18	-17.91		ppb
Calcium	44-1	-23.54	-17.21	-20.76	-20.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.35	0.31	0.34	7.09	ppb
Cobalt	59-2	0.02	0.02	0.04	0.03	41.71	ppb
Copper	63-2	374.14	379.77	383.75	379.22	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	6988.63	6910.89	7035.00	6978.17	0.90	ppb
Iron	57-2	6912.98	6971.13	6964.97	6949.69	0.46	ppb
Iron	54-2	6925.12	7001.59	7096.01	7007.58	1.22	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2520.22	2897.52	2673.83	2697.19	7.03	ppb
Lead	207-1	2381.79	2732.12	2546.89	2553.60	6.86	ppb
Lead	208-1	2411.89	2789.01	2585.09	2595.33	7.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	-27.50	-27.16	-27.19	-27.28		ppb
Manganese	55-2	59.54	59.42	59.64	59.53	0.19	ppb
Molybdenum	94-1	7.30	8.65	8.37	8.10	8.77	ppb
Molybdenum	95-1	8.95	10.89	10.05	9.96	9.77	ppb
Molybdenum	96-1	8.84	10.66	9.94	9.81	9.31	ppb
Molybdenum	97-1	9.05	11.10	10.29	10.15	10.14	ppb
Molybdenum	98-1	9.03	10.93	10.20	10.05	9.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.20	0.18	12.00	ppb
Phosphorus	31-2	19.10	24.42	-0.06	14.49	88.89	ppb
Potassium	39-2	175.67	175.53	180.86	177.35	1.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				109		%
Selenium	82-1	0.51	0.68	0.93	0.71	29.84	ppb
Selenium	77-2	1.31	0.62	0.61	0.85	47.68	ppb
Selenium	78-2	-0.20	0.07	-0.49	-0.21		ppb
Silicon	28-1	2.92	5.66	4.62	4.40	31.41	ppb
Silver	107-1	9.57	11.32	10.52	10.47	8.37	ppb
Silver	109-1	9.61	11.35	10.55	10.50	8.30	ppb
Sodium	23-2	-24.65	-25.31	-24.28	-24.75		ppb
Strontium	86-1	52.74	60.86	57.63	57.07	7.16	ppb
Strontium	88-1	50.94	61.34	57.38	56.55	9.28	ppb
Sulfur	34-1	1941.00	2970.18	2536.15	2482.45	20.81	ppb
Terbium	159-1				97		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.14	0.13	0.12	12.97	ppb
Thallium	205-1	0.10	0.14	0.11	0.12	15.56	ppb
Tin	118-1	2.85	3.32	3.09	3.08	7.65	ppb
Titanium	47-1	-0.55	-0.53	-0.49	-0.52		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.05	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	1.04	0.99	1.00	1.01	2.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				107		%
Zinc	66-2	143.07	143.33	145.50	143.97	0.93	ppb
Zirconium	90-1	-0.07	-0.07	-0.06	-0.07		ppb
Zirconium	91-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.53	116.60	114.72	114.95	1.35	ppb
Antimony	121-1	6.79	6.97	6.86	6.87	1.27	ppb
Arsenic	75-2	64.95	64.37	64.63	64.65	0.45	ppb
Barium	135-1	4.92	4.76	4.90	4.86	1.81	ppb
Barium	137-1	4.88	4.94	4.99	4.93	1.11	ppb
Beryllium	9-1	-0.10	-0.08	-0.10	-0.09		ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.06	4.21	4.42	4.23	4.28	ppb
Cadmium	106-1	3.00	3.89	3.76	3.55	13.49	ppb
Cadmium	111-1	4.49	4.65	4.74	4.63	2.73	ppb
Calcium	43-1	9.94	7.17	11.35	9.49	22.40	ppb
Calcium	44-1	4.91	4.43	5.39	4.91	9.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.39	0.38	0.39	2.37	ppb
Cobalt	59-2	0.42	0.42	0.41	0.42	0.99	ppb
Copper	63-2	308.90	310.12	308.98	309.33	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	6920.08	6962.32	6887.79	6923.40	0.54	ppb
Iron	57-2	6950.19	6981.97	6901.62	6944.59	0.58	ppb
Iron	54-2	7081.22	7115.30	7076.33	7090.95	0.30	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2435.64	2465.16	2465.59	2455.46	0.70	ppb
Lead	207-1	2340.38	2364.68	2333.09	2346.05	0.71	ppb
Lead	208-1	2360.78	2407.30	2365.96	2378.01	1.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.44	5.23	4.39	5.02	11.12	ppb
Manganese	55-2	161.30	161.41	159.21	160.64	0.77	ppb
Molybdenum	94-1	6.06	6.10	6.14	6.10	0.66	ppb
Molybdenum	95-1	7.45	7.54	7.57	7.52	0.88	ppb
Molybdenum	96-1	7.48	7.67	7.49	7.55	1.42	ppb
Molybdenum	97-1	7.43	7.66	7.66	7.58	1.71	ppb
Molybdenum	98-1	7.53	7.72	7.45	7.57	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.31	0.24	0.25	22.84	ppb
Phosphorus	31-2	11.82	23.22	15.46	16.83	34.60	ppb
Potassium	39-2	150.88	150.72	150.50	150.70	0.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.35	0.26	0.18	0.27	32.79	ppb
Selenium	77-2	0.61	0.27	0.80	0.56	48.00	ppb
Selenium	78-2	1.40	1.23	-0.09	0.85	95.86	ppb
Silicon	28-1	4.59	4.70	4.27	4.52	4.95	ppb
Silver	107-1	11.08	11.18	11.21	11.15	0.61	ppb
Silver	109-1	11.07	11.19	11.21	11.16	0.70	ppb
Sodium	23-2	-26.24	-26.26	-26.34	-26.28		ppb
Strontium	86-1	34.95	35.98	37.26	36.06	3.21	ppb
Strontium	88-1	37.11	36.61	36.59	36.77	0.81	ppb
Sulfur	34-1	2718.48	2843.38	2709.31	2757.06	2.72	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.07	0.07	0.06	19.70	ppb
Thallium	205-1	0.05	0.05	0.06	0.06	8.33	ppb
Tin	118-1	2.37	2.35	2.45	2.39	2.03	ppb
Titanium	47-1	-0.57	-0.54	-0.55	-0.56		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.99	0.97	0.88	0.95	6.51	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	918.73	913.26	907.16	913.05	0.63	ppb
Zirconium	90-1	-0.06	-0.07	-0.06	-0.06		ppb
Zirconium	91-1	-0.04	-0.03	-0.03	-0.03		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	710.60	720.87	720.91	717.46	0.83	ppb
Antimony	121-1	0.43	0.44	0.41	0.43	3.27	ppb
Arsenic	75-2	4.46	4.14	4.54	4.38	4.83	ppb
Barium	135-1	14.36	14.63	14.41	14.47	1.01	ppb
Barium	137-1	14.26	14.29	14.25	14.27	0.14	ppb
Beryllium	9-1	-0.05	-0.04	-0.04	-0.05		ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.03	1.31	1.25	1.19	12.15	ppb
Cadmium	106-1	1.69	1.27	0.70	1.22	40.76	ppb
Cadmium	111-1	1.26	1.19	1.20	1.21	3.32	ppb
Calcium	43-1	205.48	197.78	200.20	201.15	1.96	ppb
Calcium	44-1	190.71	191.62	193.98	192.10	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.95	0.92	0.94	0.93	1.80	ppb
Cobalt	59-2	0.64	0.64	0.67	0.65	3.02	ppb
Copper	63-2	33.47	33.96	33.13	33.52	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	4164.61	4197.62	4182.75	4181.66	0.40	ppb
Iron	57-2	4159.26	4216.95	4157.90	4178.04	0.81	ppb
Iron	54-2	4268.89	4319.07	4293.77	4293.91	0.58	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	268.25	270.79	272.26	270.43	0.75	ppb
Lead	207-1	263.56	267.34	265.04	265.31	0.72	ppb
Lead	208-1	264.36	267.53	265.62	265.84	0.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	437.12	440.30	441.97	439.80	0.56	ppb
Manganese	55-2	142.31	143.41	142.29	142.67	0.45	ppb
Molybdenum	94-1	0.27	0.23	0.23	0.24	10.03	ppb
Molybdenum	95-1	0.38	0.40	0.37	0.38	3.49	ppb
Molybdenum	96-1	0.44	0.41	0.43	0.42	4.21	ppb
Molybdenum	97-1	0.37	0.41	0.43	0.40	8.01	ppb
Molybdenum	98-1	0.35	0.37	0.37	0.36	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.59	0.59	0.60	3.95	ppb
Phosphorus	31-2	150.03	165.51	146.40	153.98	6.59	ppb
Potassium	39-2	106.78	107.99	109.50	108.09	1.26	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	-0.15	0.07	-0.18	-0.08		ppb
Selenium	77-2	-0.24	0.27	0.78	0.27	190.84	ppb
Selenium	78-2	0.86	0.43	0.43	0.58	43.01	ppb
Silicon	28-1	13.89	13.88	13.96	13.91	0.30	ppb
Silver	107-1	1.20	1.31	1.26	1.25	4.52	ppb
Silver	109-1	1.27	1.31	1.22	1.27	3.60	ppb
Sodium	23-2	-17.12	-17.14	-16.55	-16.94		ppb
Strontium	86-1	76.93	76.92	76.56	76.80	0.27	ppb
Strontium	88-1	77.42	76.18	77.02	76.87	0.82	ppb
Sulfur	34-1	398.75	335.10	353.68	362.51	9.03	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.10	0.13	0.13	0.12	13.85	ppb
Titanium	47-1	7.36	7.09	7.00	7.15	2.63	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	16.24	ppb
Vanadium	51-2	2.09	2.18	2.12	2.13	2.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	282.16	284.56	285.32	284.01	0.58	ppb
Zirconium	90-1	-0.03	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	183.43	184.11	186.69	184.74	0.93	ppb
Antimony	121-1	29.06	29.45	30.21	29.57	1.97	ppb
Arsenic	75-2	154.19	149.77	151.64	151.87	1.46	ppb
Barium	135-1	10.83	10.84	11.27	10.98	2.27	ppb
Barium	137-1	10.72	11.00	11.15	10.96	1.96	ppb
Beryllium	9-1	-0.10	-0.08	-0.07	-0.08		ppb
Bismuth	209-1				132		%
Bismuth	209-2				129		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	1.73	1.61	1.68	3.71	ppb
Cadmium	106-1	-0.58	0.57	2.50	0.83	187.43	ppb
Cadmium	111-1	1.45	1.54	1.70	1.56	8.21	ppb
Calcium	43-1	87.01	77.67	81.74	82.14	5.70	ppb
Calcium	44-1	72.76	73.88	75.59	74.08	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.74	0.67	0.71	5.21	ppb
Cobalt	59-2	0.18	0.17	0.16	0.17	6.27	ppb
Copper	63-2	706.48	719.23	714.28	713.33	0.90	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				108		%
Indium	115-2				108		%
Iron	56-2	10006.02	10056.12	10019.29	10027.15	0.26	ppb
Iron	57-2	9957.12	9920.25	9966.81	9948.06	0.25	ppb
Iron	54-2	9993.24	10007.54	10104.32	10035.03	0.60	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5285.94	5391.21	5399.89	5359.01	1.18	ppb
Lead	207-1	5049.07	5098.43	5139.53	5095.68	0.89	ppb
Lead	208-1	5088.99	5179.78	5181.05	5149.94	1.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	21.73	22.38	23.30	22.47	3.51	ppb
Manganese	55-2	126.05	128.24	128.17	127.49	0.98	ppb
Molybdenum	94-1	21.38	21.81	22.12	21.77	1.70	ppb
Molybdenum	95-1	26.05	26.43	26.89	26.46	1.58	ppb
Molybdenum	96-1	25.87	26.33	26.60	26.26	1.41	ppb
Molybdenum	97-1	26.12	26.84	27.26	26.74	2.16	ppb
Molybdenum	98-1	26.51	26.67	27.10	26.76	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.26	0.25	0.25	5.45	ppb
Phosphorus	31-2	41.46	36.36	32.71	36.84	11.92	ppb
Potassium	39-2	99.03	103.75	103.52	102.10	2.61	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	1.89	1.58	1.86	1.78	9.57	ppb
Selenium	77-2	1.25	1.24	1.74	1.41	20.12	ppb
Selenium	78-2	1.70	0.06	0.66	0.81	103.38	ppb
Silicon	28-1	4.65	4.89	4.73	4.76	2.59	ppb
Silver	107-1	9.51	9.81	10.00	9.77	2.50	ppb
Silver	109-1	9.42	9.71	10.12	9.75	3.58	ppb
Sodium	23-2	-23.11	-22.32	-22.78	-22.73		ppb
Strontium	86-1	361.72	368.80	375.91	368.81	1.92	ppb
Strontium	88-1	364.31	366.98	373.65	368.31	1.31	ppb
Sulfur	34-1	1958.33	2041.34	2026.22	2008.63	2.20	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.37	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.59	ppb
Tin	118-1	3.85	3.99	3.99	3.94	2.06	ppb
Titanium	47-1	0.98	1.01	0.83	0.94	10.56	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.04	0.03	15.17	ppb
Vanadium	51-2	1.44	1.57	1.50	1.50	4.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	373.36	373.35	377.47	374.73	0.63	ppb
Zirconium	90-1	-0.03	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	42.04	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91.15	90.94	90.70	90.93	0.25	ppb
Antimony	121-1	15.06	14.81	15.00	14.96	0.87	ppb
Arsenic	75-2	76.22	76.69	76.55	76.48	0.32	ppb
Barium	135-1	5.32	5.26	5.39	5.32	1.25	ppb
Barium	137-1	5.33	5.19	5.30	5.27	1.41	ppb
Beryllium	9-1	-0.12	-0.11	-0.08	-0.10		ppb
Bismuth	209-1				119		%
Bismuth	209-2				118		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	0.93	0.70	0.90	21.36	ppb
Cadmium	106-1	0.37	0.62	0.41	0.46	29.07	ppb
Cadmium	111-1	0.72	0.62	0.72	0.69	8.83	ppb
Calcium	43-1	25.14	24.20	24.79	24.71	1.91	ppb
Calcium	44-1	22.99	23.39	23.38	23.25	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.49	0.51	0.51	5.05	ppb
Cobalt	59-2	0.05	0.05	0.03	0.04	24.40	ppb
Copper	63-2	354.84	360.70	354.16	356.57	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	5008.91	4941.77	4987.90	4979.52	0.69	ppb
Iron	57-2	5009.12	5016.43	5030.61	5018.72	0.22	ppb
Iron	54-2	5143.84	5091.90	5125.64	5120.46	0.51	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2974.77	2949.71	3002.30	2975.59	0.88	ppb
Lead	207-1	2808.25	2845.21	2841.09	2831.52	0.72	ppb
Lead	208-1	2854.31	2880.71	2888.04	2874.36	0.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	-7.80	-9.35	-8.47	-8.54		ppb
Manganese	55-2	63.83	63.13	63.45	63.47	0.55	ppb
Molybdenum	94-1	10.47	10.51	10.76	10.58	1.48	ppb
Molybdenum	95-1	12.73	12.95	12.93	12.87	0.93	ppb
Molybdenum	96-1	12.81	12.78	12.67	12.75	0.56	ppb
Molybdenum	97-1	12.86	12.84	13.12	12.94	1.20	ppb
Molybdenum	98-1	12.89	13.07	13.00	12.98	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.23	0.21	0.21	11.30	ppb
Phosphorus	31-2	5.85	5.79	0.92	4.19	67.53	ppb
Potassium	39-2	43.29	42.35	46.38	44.00	4.79	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	0.86	1.11	0.65	0.88	26.59	ppb
Selenium	77-2	0.42	0.25	0.59	0.42	39.83	ppb
Selenium	78-2	0.45	0.54	0.30	0.43	27.63	ppb
Silicon	28-1	2.22	2.12	2.28	2.21	3.71	ppb
Silver	107-1	4.92	4.80	4.86	4.86	1.22	ppb
Silver	109-1	4.85	4.82	4.95	4.87	1.36	ppb
Sodium	23-2	-26.79	-27.58	-26.71	-27.03		ppb
Strontium	86-1	183.34	184.22	183.26	183.61	0.29	ppb
Strontium	88-1	185.06	182.76	183.69	183.84	0.63	ppb
Sulfur	34-1	1120.51	1052.11	1060.23	1077.62	3.47	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.01	0.00	0.01	0.01	38.75	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	2.02	1.98	1.98	1.99	1.29	ppb
Titanium	47-1	0.11	0.10	0.10	0.10	5.87	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.78	0.75	0.76	0.76	2.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	190.36	184.87	187.55	187.59	1.46	ppb
Zirconium	90-1	-0.05	-0.05	-0.05	-0.05		ppb
Zirconium	91-1	-0.03	-0.04	-0.03	-0.03		ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49059.83	49621.03	49573.55	49418.14	0.63	ppb
Antimony	121-1	481.57	487.43	482.94	483.98	0.63	ppb
Arsenic	75-2	478.94	479.52	483.68	480.71	0.54	ppb
Barium	135-1	2433.70	2455.87	2459.24	2449.61	0.57	ppb
Barium	137-1	2416.45	2435.06	2470.93	2440.81	1.13	ppb
Beryllium	9-1	482.44	495.16	494.43	490.68	1.46	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.33	477.84	483.14	481.77	0.72	ppb
Cadmium	106-1	494.84	491.42	490.15	492.14	0.49	ppb
Cadmium	111-1	475.07	477.36	476.39	476.27	0.24	ppb
Calcium	43-1	237150.00	242369.13	247028.53	242182.55	2.04	ppb
Calcium	44-1	238462.24	247157.99	247459.40	244359.87	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.50	485.28	490.67	485.48	1.05	ppb
Cobalt	59-2	471.45	475.91	477.73	475.03	0.68	ppb
Copper	63-2	4580.97	4623.70	4664.77	4623.15	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	124742.45	125883.30	127439.02	126021.59	1.07	ppb
Iron	57-2	124379.20	125728.98	126818.33	125642.17	0.97	ppb
Iron	54-2	125507.06	126153.20	126022.58	125894.28	0.27	ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2463.79	2511.80	2533.39	2502.99	1.42	ppb
Lead	207-1	2441.22	2502.42	2516.87	2486.84	1.61	ppb
Lead	208-1	2431.52	2495.87	2505.63	2477.67	1.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	264816.32	264935.41	264045.88	264599.20	0.18	ppb
Manganese	55-2	4763.61	4818.07	4851.56	4811.08	0.92	ppb
Molybdenum	94-1	4798.36	4936.66	4948.00	4894.34	1.70	ppb
Molybdenum	95-1	4782.63	4938.01	4985.62	4902.09	2.17	ppb
Molybdenum	96-1	4833.76	4896.87	4969.83	4900.15	1.39	ppb
Molybdenum	97-1	4835.83	4904.62	5024.74	4921.73	1.94	ppb
Molybdenum	98-1	4815.73	4971.28	4992.82	4926.61	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.92	468.67	468.17	467.25	0.44	ppb
Phosphorus	31-2	9858.51	9871.59	9989.54	9906.55	0.73	ppb
Potassium	39-2	122265.04	122090.04	122725.87	122360.31	0.27	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	459.33	471.53	477.30	469.38	1.95	ppb
Selenium	77-2	466.64	458.83	504.12	476.53	5.08	ppb
Selenium	78-2	465.15	470.73	476.59	470.82	1.22	ppb
Silicon	28-1	510.93	523.01	528.17	520.70	1.70	ppb
Silver	107-1	479.03	473.85	478.85	477.24	0.62	ppb
Silver	109-1	480.96	484.13	478.49	481.19	0.59	ppb
Sodium	23-2	247254.45	249711.01	250266.07	249077.18	0.64	ppb
Strontium	86-1	11931.12	12240.30	12355.07	12175.50	1.80	ppb
Strontium	88-1	11991.98	12132.51	12461.29	12195.26	1.98	ppb
Sulfur	34-1	9932.66	10173.05	10150.69	10085.47	1.32	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	492.80	498.18	499.07	496.68	0.68	ppb
Thallium	205-1	491.11	495.34	504.73	497.06	1.40	ppb
Tin	118-1	487.63	491.61	503.71	494.32	1.69	ppb
Titanium	47-1	4826.87	5012.88	4981.17	4940.31	2.01	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	488.33	512.71	507.81	502.95	2.56	ppb
Vanadium	51-2	483.70	501.75	495.69	493.71	1.86	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4572.97	4610.60	4640.09	4607.89	0.73	ppb
Zirconium	90-1	485.71	490.48	493.29	489.83	0.78	ppb
Zirconium	91-1	482.34	496.76	502.98	494.03	2.14	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.20	-2.76	-3.85	-2.60		ppb
Antimony	121-1	0.18	0.14	0.13	0.15	20.29	ppb
Arsenic	75-2	-0.04	-0.09	-0.06	-0.06		ppb
Barium	135-1	0.32	0.18	0.10	0.20	56.19	ppb
Barium	137-1	0.36	0.16	0.06	0.19	79.63	ppb
Beryllium	9-1	0.14	0.05	0.00	0.07	102.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.17	0.09	0.13	31.70	ppb
Cadmium	106-1	-2.66	-4.50	-2.63	-3.26		ppb
Cadmium	111-1	-0.10	-0.27	-0.12	-0.16		ppb
Calcium	43-1	39.75	23.57	17.73	27.02	42.22	ppb
Calcium	44-1	33.59	19.20	4.95	19.25	74.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.02	-0.01	0.00	3450.93	ppb
Cobalt	59-2	0.00	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.01	-0.18	-0.20	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	-0.28	-3.29	-5.93	-3.17		ppb
Iron	57-2	-5.71	-7.22	-9.25	-7.39		ppb
Iron	54-2	-0.98	-3.13	-6.87	-3.66		ppb
Krypton	83-1						cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.51	0.38	0.22	0.37	39.16	ppb
Lead	207-1	0.53	0.36	0.21	0.37	43.63	ppb
Lead	208-1	0.52	0.36	0.21	0.36	43.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	-1.82	-7.84	-13.45	-7.71		ppb
Manganese	55-2	-0.11	-0.17	-0.30	-0.20		ppb
Molybdenum	94-1	0.94	0.62	0.45	0.67	36.94	ppb
Molybdenum	95-1	0.84	0.60	0.32	0.58	45.19	ppb
Molybdenum	96-1	0.89	0.61	0.38	0.63	40.84	ppb
Molybdenum	97-1	0.88	0.59	0.28	0.58	51.75	ppb
Molybdenum	98-1	0.87	0.59	0.36	0.61	41.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.06	-0.04		ppb
Phosphorus	31-2	-23.39	-21.25	-25.44	-23.36		ppb
Potassium	39-2	-6.00	-7.90	-12.85	-8.92		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	-0.30	-0.49	-0.89	-0.56		ppb
Selenium	77-2	-0.05	-0.24	-0.24	-0.18		ppb
Selenium	78-2	-0.70	-1.90	-1.27	-1.29		ppb
Silicon	28-1	-6.00	-5.91	-5.84	-5.92		ppb
Silver	107-1	0.10	0.07	0.05	0.07	34.43	ppb
Silver	109-1	0.12	0.07	0.05	0.08	45.80	ppb
Sodium	23-2	19.34	13.69	8.19	13.74	40.57	ppb
Strontium	86-1	1.65	0.50	0.46	0.87	77.60	ppb
Strontium	88-1	2.06	1.19	0.63	1.29	55.87	ppb
Sulfur	34-1	-582.99	-516.26	-538.17	-545.81		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.06	0.03	0.05	47.40	ppb
Thallium	205-1	0.08	0.05	0.01	0.05	71.31	ppb
Tin	118-1	0.11	0.05	0.05	0.07	50.50	ppb
Titanium	47-1	0.76	0.53	0.18	0.49	60.32	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.04	0.02	0.05	47.34	ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.03	-0.21	-0.22	-0.15		ppb
Zirconium	90-1	0.12	0.08	0.06	0.09	38.41	ppb
Zirconium	91-1	0.14	0.09	0.07	0.10	33.31	ppb

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2053	1950	1873	1959	4.61	cps
Antimony	121-1	850	913	847	870	4.32	cps
Arsenic	75-2	83	77	57	72	19.21	cps
Barium	135-1	1030	1177	1230	1146	9.04	cps
Barium	137-1	1887	2057	2120	2021	5.97	cps
Beryllium	9-1	157	153	160	157	2.13	cps
Bismuth	209-1	9778227	9882412	9711753	9790797	0.88	cps
Bismuth	209-2	7537045	7434650	7455982	7475892	0.72	cps
Bromine	81-1	15555	15462	15492	15503	0.31	cps
Bromine	81-2	117	197	133	149	28.35	cps
Cadmium	108-1	43	10	47	33	60.83	cps
Cadmium	106-1	9293	9213	9153	9220	0.76	cps
Cadmium	111-1	6715	6605	6588	6636	1.04	cps
Calcium	43-1	1220	1257	1290	1256	2.79	cps
Calcium	44-1	27843	27652	26924	27473	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060	1170	1137	1122	5.03	cps
Cobalt	59-2	697	557	547	600	13.98	cps
Copper	63-2	5561	5788	5508	5619	2.65	cps
Dysprosium	156-1	7	3	10	7	50.03	cps
Dysprosium	156-2	3	13	13	10	57.75	cps
Erbium	164-1	63	50	87	67	27.84	cps
Erbium	164-2	50	27	53	43	33.52	cps
Gadolinium	160-1	80	50	93	74	29.81	cps
Gadolinium	160-2	557	640	623	607	7.27	cps
Holmium	165-1	15374710	15025761	14972633	15124368	1.44	cps
Holmium	165-2	10532174	10342192	10291980	10388782	1.22	cps
Indium	115-1	11464739	11341489	11568963	11458397	0.99	cps
Indium	115-2	4544317	4477683	4470244	4497415	0.91	cps
Iron	56-2	93753	94817	93790	94120	0.64	cps
Iron	57-2	3407	3327	3290	3342	1.79	cps
Iron	54-2	6385	6255	6475	6371	1.74	cps
Krypton	83-1	157	190	220	189	16.77	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4064	4114	4077	4085	0.63	cps
Lead	207-1	3537	3617	3487	3547	1.85	cps
Lead	208-1	16041	16618	16397	16352	1.78	cps
Lithium	6-1	1108389	1123317	1115021	1115576	0.67	cps
Magnesium	24-2	14794	15128	14987	14970	1.12	cps
Manganese	55-2	3177	2937	2684	2933	8.41	cps
Molybdenum	94-1	2824	3037	3010	2957	3.93	cps
Molybdenum	95-1	3997	4237	4244	4160	3.38	cps
Molybdenum	96-1	4407	4544	4331	4427	2.44	cps
Molybdenum	97-1	2634	2610	2564	2602	1.37	cps
Molybdenum	98-1	6528	6842	6468	6613	3.03	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	453	473	527	484	7.82	cps
Phosphorus	31-2	393	423	397	404	4.07	cps
Potassium	39-2	63023	63602	63163	63263	0.48	cps
Rhodium	103-1	10507069	10324548	10573547	10468388	1.23	cps
Rhodium	103-2	6478246	6389257	6375800	6414434	0.87	cps
Scandium	45-1	5502821	5567720	5604156	5558232	0.92	cps
Scandium	45-2	550027	549909	550778	550238	0.09	cps
Selenium	82-1	589	480	494	521	11.38	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	440	463	450	451	2.60	cps
Silicon	28-1	1192841	1180027	1150682	1174517	1.84	cps
Silver	107-1	1033	1100	1087	1073	3.29	cps
Silver	109-1	957	927	1063	982	7.31	cps
Sodium	23-2	37495	37128	36620	37081	1.19	cps
Strontium	86-1	560	547	523	543	3.42	cps
Strontium	88-1	2290	2350	2404	2348	2.42	cps
Sulfur	34-1	160994	161530	158468	160331	1.02	cps
Terbium	159-1	15784453	15256481	15452907	15497947	1.72	cps
Terbium	159-2	10099322	10054370	10163802	10105831	0.54	cps
Thallium	203-1	1007	1023	907	979	6.45	cps
Thallium	205-1	2430	2427	2434	2430	0.14	cps
Tin	118-1	1397	1497	1373	1422	4.61	cps
Titanium	47-1	1077	1087	930	1031	8.51	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:27:47 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2967	2797	2787	2850	3.55	cps
Vanadium	51-2	313	263	333	303	11.89	cps
Yttrium	89-1	17286216	16928828	17133907	17116317	1.05	cps
Yttrium	89-2	5036780	5041312	4976365	5018152	0.72	cps
Zinc	66-2	1097	963	870	977	11.66	cps
Zirconium	90-1	1780	1937	1997	1905	5.87	cps
Zirconium	91-1	357	340	333	343	3.50	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6715	6728	6568	6670	1.33	cps
Antimony	121-1	23810	24050	23863	23908	0.53	cps
Arsenic	75-2	670	657	627	651	3.41	cps
Barium	135-1	30840	30570	31161	30857	0.96	cps
Barium	137-1	52720	54203	53691	53538	1.41	cps
Beryllium	9-1	1353	1300	1373	1342	2.82	cps
Bismuth	209-1	10019500	9901288	9944348	9955045	0.60	cps
Bismuth	209-2	7448198	7513798	7486118	7482705	0.44	cps
Bromine	81-1	16483	16389	15271	16048	4.20	cps
Bromine	81-2	147	140	210	166	23.34	cps
Cadmium	108-1	220	260	253	244	8.77	cps
Cadmium	106-1	10167	9543	9186	9632	5.15	cps
Cadmium	111-1	9993	9575	9350	9640	3.39	cps
Calcium	43-1	14931	15471	14894	15099	2.14	cps
Calcium	44-1	249690	253244	253912	252282	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10194	10877	10414	10495	3.33	cps
Cobalt	59-2	8416	8576	8316	8436	1.56	cps
Copper	63-2	15635	15602	15598	15612	0.13	cps
Dysprosium	156-1	10	10	23	14	53.28	cps
Dysprosium	156-2	3	3	17	8	99.04	cps
Erbium	164-1	77	97	103	92	15.05	cps
Erbium	164-2	67	47	37	50	30.55	cps
Gadolinium	160-1	53	73	83	70	21.82	cps
Gadolinium	160-2	610	633	643	629	2.72	cps
Holmium	165-1	15473589	15385576	15586614	15481926	0.65	cps
Holmium	165-2	10557814	10611457	10400525	10523265	1.04	cps
Indium	115-1	11855124	11639199	11610947	11701756	1.14	cps
Indium	115-2	4488913	4407865	4460971	4452583	0.92	cps
Iron	56-2	319502	318636	317791	318643	0.27	cps
Iron	57-2	9400	9310	9123	9277	1.52	cps
Iron	54-2	19052	19172	19209	19145	0.43	cps
Krypton	83-1	190	200	193	194	2.62	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14051	13614	13694	13786	1.69	cps
Lead	207-1	12002	11912	12172	12029	1.10	cps
Lead	208-1	55518	55014	55288	55273	0.46	cps
Lithium	6-1	1144566	1133961	1131518	1136681	0.61	cps
Magnesium	24-2	213206	213095	211581	212627	0.43	cps
Manganese	55-2	6758	6762	6885	6802	1.06	cps
Molybdenum	94-1	24711	25763	25906	25460	2.56	cps
Molybdenum	95-1	31678	32048	31985	31904	0.62	cps
Molybdenum	96-1	35911	36084	35423	35806	0.96	cps
Molybdenum	97-1	19974	20364	20030	20123	1.05	cps
Molybdenum	98-1	51698	51597	50480	51258	1.32	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	2354	2284	2444	2360	3.40	cps
Phosphorus	31-2	680	867	787	778	12.04	cps
Potassium	39-2	343622	340646	338625	340964	0.74	cps
Rhodium	103-1	10610795	10734382	10542545	10629240	0.91	cps
Rhodium	103-2	6489053	6432927	6448928	6456969	0.45	cps
Scandium	45-1	5683784	5630923	5612663	5642457	0.65	cps
Scandium	45-2	559732	554877	553665	556091	0.58	cps
Selenium	82-1	1372	1401	1359	1377	1.59	cps
Selenium	77-2	103	100	100	101	1.90	cps
Selenium	78-2	813	863	880	852	4.07	cps
Silicon	28-1	1178225	1212699	1224615	1205180	2.00	cps
Silver	107-1	15482	15632	15739	15617	0.83	cps
Silver	109-1	14628	14677	14421	14575	0.93	cps
Sodium	23-2	353984	354091	352741	353606	0.21	cps
Strontium	86-1	4127	4171	3984	4094	2.39	cps
Strontium	88-1	33134	33592	33371	33366	0.69	cps
Sulfur	34-1	165444	165394	165138	165325	0.10	cps
Terbium	159-1	15833142	15715654	15563354	15704050	0.86	cps
Terbium	159-2	10343949	10383118	10356905	10361324	0.19	cps
Thallium	203-1	12903	13280	13103	13095	1.44	cps
Thallium	205-1	31072	31363	30838	31091	0.85	cps
Tin	118-1	48719	49822	50311	49617	1.64	cps
Titanium	47-1	7539	7135	7395	7356	2.78	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:34:20 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40578	40969	42083	41210	1.89	cps
Vanadium	51-2	20461	20551	20861	20624	1.02	cps
Yttrium	89-1	17393011	17280381	17213689	17295694	0.52	cps
Yttrium	89-2	5082442	5084170	5032069	5066227	0.58	cps
Zinc	66-2	5841	5548	5598	5662	2.77	cps
Zirconium	90-1	20000	20391	19800	20064	1.50	cps
Zirconium	91-1	4314	4587	4544	4482	3.28	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218899	216643	218313	217952	0.54	cps
Antimony	121-1	534932	543783	541608	540108	0.85	cps
Arsenic	75-2	28474	28711	27973	28386	1.33	cps
Barium	135-1	700559	710233	702984	704592	0.71	cps
Barium	137-1	1227316	1242862	1220751	1230309	0.92	cps
Beryllium	9-1	57202	57469	57854	57508	0.57	cps
Bismuth	209-1	10146766	9954046	10018272	10039695	0.98	cps
Bismuth	209-2	7568991	7357916	7432090	7452999	1.44	cps
Bromine	81-1	16216	15955	15411	15861	2.59	cps
Bromine	81-2	117	170	137	141	19.09	cps
Cadmium	108-1	10557	10867	10894	10773	1.74	cps
Cadmium	106-1	23649	24775	23773	24066	2.56	cps
Cadmium	111-1	147376	149290	148240	148302	0.65	cps
Calcium	43-1	129941	129982	129114	129679	0.38	cps
Calcium	44-1	2059632	2054810	2008964	2041135	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210602	210292	209528	210141	0.26	cps
Cobalt	59-2	327593	326726	327418	327246	0.14	cps
Copper	63-2	2447358	2439186	2440632	2442392	0.18	cps
Dysprosium	156-1	33	33	37	34	5.60	cps
Dysprosium	156-2	43	57	60	53	16.54	cps
Erbium	164-1	100	87	77	88	13.33	cps
Erbium	164-2	83	77	67	76	11.10	cps
Gadolinium	160-1	67	67	80	71	10.82	cps
Gadolinium	160-2	643	460	567	557	16.54	cps
Holmium	165-1	15662999	15420804	15417029	15500278	0.91	cps
Holmium	165-2	10663728	10383578	10314436	10453914	1.77	cps
Indium	115-1	11599016	11424273	11240289	11421193	1.57	cps
Indium	115-2	4413182	4335374	4328550	4359035	1.08	cps
Iron	56-2	9896717	9887026	9899170	9894304	0.06	cps
Iron	57-2	257174	257337	254921	256477	0.53	cps
Iron	54-2	558430	558701	563018	560050	0.46	cps
Krypton	83-1	120	177	173	157	20.30	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2378332	2420280	2428784	2409132	1.12	cps
Lead	207-1	2109485	2149255	2181002	2146581	1.67	cps
Lead	208-1	9789758	9869367	9892133	9850420	0.55	cps
Lithium	6-1	1160297	1165324	1159833	1161818	0.26	cps
Magnesium	24-2	1770757	1762272	1813440	1782156	1.54	cps
Manganese	55-2	1672817	1652552	1656892	1660754	0.64	cps
Molybdenum	94-1	1825148	1864903	1840998	1843683	1.09	cps
Molybdenum	95-1	2655229	2684534	2627350	2655704	1.08	cps
Molybdenum	96-1	2946348	2956376	2924011	2942245	0.56	cps
Molybdenum	97-1	1649449	1658181	1645259	1650963	0.40	cps
Molybdenum	98-1	4295239	4284492	4267778	4282503	0.32	cps
Neodymium	150-1	47	83	50	60	33.79	cps
Neodymium	150-2	27	23	17	22	22.91	cps
Nickel	60-2	83269	82455	83246	82990	0.56	cps
Phosphorus	31-2	11408	11114	10907	11143	2.26	cps
Potassium	39-2	1292842	1292982	1302578	1296134	0.43	cps
Rhodium	103-1	10541930	10369797	10349076	10420268	1.02	cps
Rhodium	103-2	6351220	6274092	6151277	6258863	1.61	cps
Scandium	45-1	5611079	5554687	5410413	5525393	1.87	cps
Scandium	45-2	531878	527615	528994	529496	0.41	cps
Selenium	82-1	8601	8585	8750	8646	1.05	cps
Selenium	77-2	923	910	967	933	3.17	cps
Selenium	78-2	3737	3694	3397	3609	5.13	cps
Silicon	28-1	5766556	5786408	5710069	5754344	0.69	cps
Silver	107-1	694933	703054	698365	698784	0.58	cps
Silver	109-1	656092	664602	657877	659523	0.68	cps
Sodium	23-2	3146261	3137420	3113733	3132471	0.54	cps
Strontium	86-1	161114	163863	161387	162121	0.93	cps
Strontium	88-1	1467715	1444205	1430599	1447506	1.30	cps
Sulfur	34-1	195439	194967	191244	193883	1.19	cps
Terbium	159-1	15770351	15705496	15761864	15745904	0.22	cps
Terbium	159-2	10175444	10160516	10360754	10232238	1.09	cps
Thallium	203-1	579204	582672	586328	582735	0.61	cps
Thallium	205-1	1369403	1369512	1379819	1372911	0.44	cps
Tin	118-1	447886	452861	450138	450295	0.55	cps
Titanium	47-1	581392	581734	577509	580212	0.40	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:37:36 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1985859	2019692	1985893	1997148	0.98	cps
Vanadium	51-2	182647	181048	181304	181667	0.47	cps
Yttrium	89-1	17172706	16954634	16804166	16977169	1.09	cps
Yttrium	89-2	4949124	4886508	4901636	4912423	0.67	cps
Zinc	66-2	407230	407168	405017	406472	0.31	cps
Zirconium	90-1	894868	904342	893797	897669	0.65	cps
Zirconium	91-1	198149	200489	199480	199373	0.59	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539313	539422	535925	538220	0.37	cps
Antimony	121-1	1336197	1344641	1356373	1345737	0.75	cps
Arsenic	75-2	70968	69723	69558	70083	1.10	cps
Barium	135-1	1808894	1841562	1842588	1831015	1.05	cps
Barium	137-1	3203168	3198801	3233348	3211772	0.59	cps
Beryllium	9-1	141453	144064	143623	143047	0.98	cps
Bismuth	209-1	10207911	10329662	10209930	10249168	0.68	cps
Bismuth	209-2	7570448	7513777	7499583	7527936	0.50	cps
Bromine	81-1	15111	15338	15435	15295	1.09	cps
Bromine	81-2	160	137	153	150	8.01	cps
Cadmium	108-1	26361	26518	27249	26709	1.77	cps
Cadmium	106-1	45605	46267	46049	45974	0.73	cps
Cadmium	111-1	355528	361161	364789	360493	1.29	cps
Calcium	43-1	306103	311540	310840	309494	0.96	cps
Calcium	44-1	4894475	4860205	4896677	4883786	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522160	516132	519667	519320	0.58	cps
Cobalt	59-2	816717	815597	808271	813528	0.56	cps
Copper	63-2	6097319	6020828	5976048	6031399	1.02	cps
Dysprosium	156-1	57	57	63	59	6.53	cps
Dysprosium	156-2	117	143	133	131	10.28	cps
Erbium	164-1	97	113	110	107	8.27	cps
Erbium	164-2	43	63	83	63	31.58	cps
Gadolinium	160-1	123	103	97	108	12.88	cps
Gadolinium	160-2	543	613	677	611	10.91	cps
Holmium	165-1	15754902	15699791	15564730	15673141	0.62	cps
Holmium	165-2	10477940	10479751	10553563	10503751	0.41	cps
Indium	115-1	11387569	11366577	11302658	11352268	0.39	cps
Indium	115-2	4333533	4279178	4280049	4297587	0.72	cps
Iron	56-2	24862825	24749122	24493320	24701756	0.77	cps
Iron	57-2	636484	633921	631476	633961	0.40	cps
Iron	54-2	1387571	1344328	1352256	1361385	1.69	cps
Krypton	83-1	147	150	170	156	8.11	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6115651	6218655	6259994	6198100	1.20	cps
Lead	207-1	5406802	5529121	5664073	5533332	2.33	cps
Lead	208-1	24989404	25336174	25545659	25290412	1.11	cps
Lithium	6-1	1187497	1168895	1167586	1174659	0.95	cps
Magnesium	24-2	4352159	4370585	4370689	4364478	0.24	cps
Manganese	55-2	4152897	4209078	4151473	4171149	0.79	cps
Molybdenum	94-1	4525747	4622957	4630025	4592910	1.27	cps
Molybdenum	95-1	6521138	6546772	6538299	6535403	0.20	cps
Molybdenum	96-1	7120313	7151365	7244076	7171918	0.90	cps
Molybdenum	97-1	4112896	4124976	4083552	4107141	0.52	cps
Molybdenum	98-1	10583364	10590875	10573274	10582504	0.08	cps
Neodymium	150-1	173	123	130	142	19.09	cps
Neodymium	150-2	37	40	50	42	16.43	cps
Nickel	60-2	204454	203788	204934	204392	0.28	cps
Phosphorus	31-2	27031	26680	26620	26777	0.83	cps
Potassium	39-2	3122868	3167058	3092068	3127331	1.21	cps
Rhodium	103-1	10325653	10181627	10099323	10202201	1.12	cps
Rhodium	103-2	6185016	6162014	6045586	6130872	1.22	cps
Scandium	45-1	5311110	5296619	5237354	5281694	0.74	cps
Scandium	45-2	520521	520908	518896	520108	0.21	cps
Selenium	82-1	20393	20574	20460	20476	0.45	cps
Selenium	77-2	2340	2267	2320	2309	1.64	cps
Selenium	78-2	8089	8676	8246	8337	3.65	cps
Silicon	28-1	11589481	11767783	11646875	11668046	0.78	cps
Silver	107-1	1723660	1765712	1759631	1749668	1.30	cps
Silver	109-1	1649969	1663822	1675330	1663040	0.76	cps
Sodium	23-2	7722483	7721006	7586097	7676529	1.02	cps
Strontium	86-1	396688	401116	404246	400684	0.95	cps
Strontium	88-1	3560242	3644587	3628684	3611171	1.24	cps
Sulfur	34-1	232695	234546	230640	232627	0.84	cps
Terbium	159-1	15853552	15677969	15860012	15797178	0.65	cps
Terbium	159-2	10359252	10242140	10340907	10314100	0.61	cps
Thallium	203-1	1469517	1491076	1512046	1490880	1.43	cps
Thallium	205-1	3699333	3719890	3726616	3715280	0.38	cps
Tin	118-1	1103222	1129977	1121569	1118256	1.22	cps
Titanium	47-1	1396724	1456081	1420530	1424445	2.10	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:40:38 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5121021	5201427	5283663	5202037	1.56	cps
Vanadium	51-2	456109	451211	450209	452510	0.70	cps
Yttrium	89-1	16811144	16596708	16584921	16664257	0.76	cps
Yttrium	89-2	4859186	4839086	4809171	4835814	0.52	cps
Zinc	66-2	1008318	998206	994863	1000462	0.70	cps
Zirconium	90-1	2240426	2268084	2285982	2264831	1.01	cps
Zirconium	91-1	487184	496224	495718	493042	1.03	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1011712	999910	995097	1002240	0.85	cps
Antimony	121-1	2665857	2705659	2737282	2702933	1.32	cps
Arsenic	75-2	133860	129922	129485	131089	1.84	cps
Barium	135-1	3528590	3577656	3644465	3583570	1.62	cps
Barium	137-1	6176778	6281783	6275057	6244539	0.94	cps
Beryllium	9-1	274575	275929	273963	274822	0.37	cps
Bismuth	209-1	9879227	10057670	10123768	10020222	1.26	cps
Bismuth	209-2	7345117	7310985	7291713	7315938	0.37	cps
Bromine	81-1	14244	14400	13790	14145	2.24	cps
Bromine	81-2	117	133	103	118	12.77	cps
Cadmium	108-1	49618	50648	49996	50087	1.04	cps
Cadmium	106-1	79251	80066	79700	79672	0.51	cps
Cadmium	111-1	679006	689691	687948	685549	0.84	cps
Calcium	43-1	588975	594490	593535	592333	0.50	cps
Calcium	44-1	9368527	9439593	9406458	9404859	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	977566	970642	962732	970313	0.76	cps
Cobalt	59-2	1571254	1543608	1537433	1550765	1.16	cps
Copper	63-2	11375346	11185249	11187863	11249486	0.97	cps
Dysprosium	156-1	130	113	93	112	16.36	cps
Dysprosium	156-2	230	250	197	226	11.95	cps
Erbium	164-1	170	153	173	166	6.47	cps
Erbium	164-2	90	80	80	83	6.93	cps
Gadolinium	160-1	133	130	143	136	5.12	cps
Gadolinium	160-2	643	540	580	588	8.86	cps
Holmium	165-1	15446901	15509885	15324612	15427133	0.61	cps
Holmium	165-2	10320708	10170510	10247983	10246400	0.73	cps
Indium	115-1	11084202	10963683	11035562	11027816	0.55	cps
Indium	115-2	4201933	4078587	4134265	4138261	1.49	cps
Iron	56-2	46278151	45774014	45489693	45847286	0.87	cps
Iron	57-2	1196685	1182907	1172197	1183930	1.04	cps
Iron	54-2	2550764	2546945	2552270	2549993	0.11	cps
Krypton	83-1	203	127	180	170	23.12	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12140039	12215762	12303704	12219835	0.67	cps
Lead	207-1	10765627	10682619	10859484	10769243	0.82	cps
Lead	208-1	48962416	49553016	50078288	49531240	1.13	cps
Lithium	6-1	1178621	1156984	1170537	1168714	0.94	cps
Magnesium	24-2	8329999	8316686	8121361	8256015	1.41	cps
Manganese	55-2	7885501	7876818	7708614	7823644	1.27	cps
Molybdenum	94-1	8892074	8966398	8850073	8902848	0.66	cps
Molybdenum	95-1	12497768	12714001	12757107	12656292	1.10	cps
Molybdenum	96-1	13758771	13975211	13934723	13889568	0.83	cps
Molybdenum	97-1	7856917	7910436	7878827	7882060	0.34	cps
Molybdenum	98-1	20254478	20640183	20520133	20471598	0.96	cps
Neodymium	150-1	243	300	357	300	18.89	cps
Neodymium	150-2	110	90	63	88	26.67	cps
Nickel	60-2	383909	379582	377350	380281	0.88	cps
Phosphorus	31-2	50419	49931	49145	49832	1.29	cps
Potassium	39-2	5776878	5769927	5653731	5733512	1.21	cps
Rhodium	103-1	9846763	9745546	9784110	9792139	0.52	cps
Rhodium	103-2	5940860	5881330	5805886	5876025	1.15	cps
Scandium	45-1	5175216	5047520	5057751	5093496	1.39	cps
Scandium	45-2	500661	496015	490477	495718	1.03	cps
Selenium	82-1	38413	38517	38210	38380	0.41	cps
Selenium	77-2	4484	4221	4304	4336	3.10	cps
Selenium	78-2	15592	14924	14594	15037	3.38	cps
Silicon	28-1	21177601	21472626	21343520	21331249	0.69	cps
Silver	107-1	3355377	3349923	3397312	3367537	0.77	cps
Silver	109-1	3186414	3195118	3255474	3212335	1.17	cps
Sodium	23-2	14651780	14353722	14437702	14481068	1.06	cps
Strontium	86-1	767750	773643	772534	771309	0.41	cps
Strontium	88-1	6958052	6985278	6891455	6944928	0.70	cps
Sulfur	34-1	301349	301519	296829	299899	0.89	cps
Terbium	159-1	15663623	15621356	15713100	15666026	0.29	cps
Terbium	159-2	10165379	9978304	10022787	10055490	0.97	cps
Thallium	203-1	3029975	3119098	3073121	3074065	1.45	cps
Thallium	205-1	7215498	7307784	7307008	7276763	0.73	cps
Tin	118-1	2207304	2252066	2244136	2234502	1.07	cps
Titanium	47-1	2741366	2730443	2707689	2726499	0.63	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:43:29 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10199895	10154522	10208016	10187478	0.28	cps
Vanadium	51-2	859989	851035	839354	850126	1.22	cps
Yttrium	89-1	16167264	16337946	16173067	16226092	0.60	cps
Yttrium	89-2	4670719	4617721	4612015	4633485	0.70	cps
Zinc	66-2	1942783	1901946	1900546	1915091	1.25	cps
Zirconium	90-1	4355482	4396688	4365703	4372624	0.49	cps
Zirconium	91-1	947549	950583	961816	953316	0.79	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1991415	1968509	1928854	1962926	1.61	cps
Antimony	121-1	5076526	5203109	5172123	5150586	1.28	cps
Arsenic	75-2	250056	251591	248066	249904	0.71	cps
Barium	135-1	6728626	6915105	6893658	6845796	1.49	cps
Barium	137-1	11730571	11924531	12084294	11913132	1.49	cps
Beryllium	9-1	513078	522862	517343	517761	0.95	cps
Bismuth	209-1	9927137	9736166	9773232	9812178	1.03	cps
Bismuth	209-2	7226051	7215562	7189734	7210449	0.26	cps
Bromine	81-1	12929	12502	12619	12683	1.74	cps
Bromine	81-2	77	133	113	108	26.67	cps
Cadmium	108-1	92687	94522	94689	93966	1.18	cps
Cadmium	106-1	139384	139683	139222	139430	0.17	cps
Cadmium	111-1	1264915	1287969	1283004	1278629	0.95	cps
Calcium	43-1	1098469	1116546	1100626	1105213	0.89	cps
Calcium	44-1	17612351	17663668	17568302	17614774	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1852964	1875577	1860986	1863176	0.62	cps
Cobalt	59-2	2908417	2893228	2924083	2908576	0.53	cps
Copper	63-2	21149251	21035176	20856771	21013733	0.70	cps
Dysprosium	156-1	233	253	180	222	17.06	cps
Dysprosium	156-2	413	380	370	388	5.85	cps
Erbium	164-1	237	173	247	219	18.17	cps
Erbium	164-2	137	127	177	147	18.04	cps
Gadolinium	160-1	177	223	173	191	14.63	cps
Gadolinium	160-2	580	633	633	616	5.00	cps
Holmium	165-1	15405191	15322534	15036894	15254873	1.27	cps
Holmium	165-2	10206406	10145786	10093420	10148537	0.56	cps
Indium	115-1	10668321	10552660	10251314	10490765	2.05	cps
Indium	115-2	3979432	3916474	3939257	3945055	0.81	cps
Iron	56-2	87774879	87523699	87641705	87646761	0.14	cps
Iron	57-2	2198252	2190232	2240527	2209670	1.22	cps
Iron	54-2	4773155	4782054	4809103	4788104	0.39	cps
Krypton	83-1	147	190	123	153	22.06	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23753968	24024063	24184010	23987347	0.91	cps
Lead	207-1	20916934	21136049	21299062	21117349	0.91	cps
Lead	208-1	95586376	97105040	97836374	96842597	1.19	cps
Lithium	6-1	1147861	1112365	1117159	1125795	1.71	cps
Magnesium	24-2	15509336	15687366	15547893	15581532	0.60	cps
Manganese	55-2	14958211	14927690	14977015	14954305	0.17	cps
Molybdenum	94-1	16693738	16757566	16806504	16752603	0.34	cps
Molybdenum	95-1	23649442	24057783	24017020	23908082	0.94	cps
Molybdenum	96-1	26261399	26698910	26390940	26450416	0.85	cps
Molybdenum	97-1	14944143	14916325	15082874	14981114	0.60	cps
Molybdenum	98-1	38501163	39322190	38825986	38883113	1.06	cps
Neodymium	150-1	427	490	593	503	16.71	cps
Neodymium	150-2	117	153	157	142	15.61	cps
Nickel	60-2	710258	704381	707181	707273	0.42	cps
Phosphorus	31-2	93480	91270	91632	92127	1.29	cps
Potassium	39-2	10847714	10793429	10768446	10803197	0.38	cps
Rhodium	103-1	9356433	9218406	9119856	9231565	1.29	cps
Rhodium	103-2	5614435	5562782	5575450	5584222	0.48	cps
Scandium	45-1	4919475	4806185	4728996	4818219	1.99	cps
Scandium	45-2	469620	471417	471438	470825	0.22	cps
Selenium	82-1	70859	71728	70374	70987	0.97	cps
Selenium	77-2	8002	8299	8112	8138	1.84	cps
Selenium	78-2	27382	27943	27549	27625	1.04	cps
Silicon	28-1	40699487	41011203	40386426	40699039	0.77	cps
Silver	107-1	6318283	6310691	6320917	6316630	0.08	cps
Silver	109-1	5928975	5974418	6064101	5989165	1.15	cps
Sodium	23-2	27578557	27851487	27300935	27576993	1.00	cps
Strontium	86-1	1482303	1505611	1493605	1493840	0.78	cps
Strontium	88-1	13183221	13366571	13353705	13301166	0.77	cps
Sulfur	34-1	417880	418805	409692	415459	1.21	cps
Terbium	159-1	15445528	15155179	15425681	15342129	1.06	cps
Terbium	159-2	9936074	9943079	9939248	9939467	0.04	cps
Thallium	203-1	5946132	6080316	6013557	6013335	1.12	cps
Thallium	205-1	14080796	14414567	14566868	14354077	1.73	cps
Tin	118-1	4166822	4273114	4256077	4232004	1.35	cps
Titanium	47-1	5030915	5123319	5131975	5095403	1.10	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:46:18 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19961082	20334002	20549028	20281371	1.47	cps
Vanadium	51-2	1638855	1640673	1621673	1633733	0.64	cps
Yttrium	89-1	15764555	15562215	15377448	15568073	1.24	cps
Yttrium	89-2	4504014	4433916	4426661	4454864	0.96	cps
Zinc	66-2	3627291	3574905	3599421	3600539	0.73	cps
Zirconium	90-1	8157415	8323508	8365357	8282093	1.33	cps
Zirconium	91-1	1815402	1854851	1855893	1842049	1.25	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3879223	3872945	3856767	3869645	0.30	cps
Antimony	121-1	9949397	9995902	10103158	10016152	0.79	cps
Arsenic	75-2	493713	488009	489551	490425	0.60	cps
Barium	135-1	13145721	13312873	13521923	13326839	1.41	cps
Barium	137-1	23342153	23264510	23684140	23430268	0.95	cps
Beryllium	9-1	1026631	1019788	1050462	1032294	1.56	cps
Bismuth	209-1	9671794	9551355	9629005	9617385	0.63	cps
Bismuth	209-2	7195520	7125633	7060138	7127097	0.95	cps
Bromine	81-1	12292	12439	12419	12383	0.64	cps
Bromine	81-2	113	103	90	102	11.45	cps
Cadmium	108-1	177920	181524	181261	180235	1.11	cps
Cadmium	106-1	251816	254454	258430	254900	1.31	cps
Cadmium	111-1	2430516	2482258	2503208	2471994	1.51	cps
Calcium	43-1	2048677	2121431	2110395	2093501	1.87	cps
Calcium	44-1	33599448	33896368	34490316	33995377	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3729798	3730570	3704581	3721650	0.40	cps
Cobalt	59-2	5759715	5736743	5751224	5749227	0.20	cps
Copper	63-2	41148415	40985461	40785908	40973261	0.44	cps
Dysprosium	156-1	380	410	350	380	7.89	cps
Dysprosium	156-2	827	790	843	820	3.33	cps
Erbium	164-1	353	360	360	358	1.08	cps
Erbium	164-2	267	230	263	253	8.00	cps
Gadolinium	160-1	293	273	260	276	6.09	cps
Gadolinium	160-2	683	623	717	674	7.01	cps
Holmium	165-1	15139263	15183260	15054756	15125760	0.43	cps
Holmium	165-2	10283307	10295107	10283230	10287214	0.07	cps
Indium	115-1	10208519	10210167	10186782	10201823	0.13	cps
Indium	115-2	3982881	3918655	3966011	3955849	0.84	cps
Iron	56-2	173051644	172650864	172295211	172665906	0.22	cps
Iron	57-2	4423522	4357417	4402867	4394602	0.77	cps
Iron	54-2	9542232	9564017	9503987	9536746	0.32	cps
Krypton	83-1	153	170	143	156	8.66	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	46137283	47134796	46985648	46752575	1.15	cps
Lead	207-1	40714183	41647957	41534853	41298997	1.23	cps
Lead	208-1	188012481	191178641	190970999	190054040	0.93	cps
Lithium	6-1	1106131	1121864	1130388	1119461	1.10	cps
Magnesium	24-2	30927282	31226714	31024525	31059507	0.49	cps
Manganese	55-2	29937224	29751730	29471395	29720117	0.79	cps
Molybdenum	94-1	32097797	32847872	32939593	32628421	1.42	cps
Molybdenum	95-1	45831011	46989274	47151198	46657161	1.54	cps
Molybdenum	96-1	50596961	51177034	51568519	51114171	0.96	cps
Molybdenum	97-1	28969773	29420855	29272046	29220892	0.79	cps
Molybdenum	98-1	74740982	76260017	75792769	75597923	1.03	cps
Neodymium	150-1	950	1063	967	993	6.16	cps
Neodymium	150-2	280	320	273	291	8.67	cps
Nickel	60-2	1377934	1375305	1377797	1377012	0.11	cps
Phosphorus	31-2	181860	182038	181961	181953	0.05	cps
Potassium	39-2	21539038	21344845	21524583	21469489	0.50	cps
Rhodium	103-1	8942107	8887402	8903386	8910965	0.32	cps
Rhodium	103-2	5719424	5553150	5559098	5610558	1.68	cps
Scandium	45-1	4739983	4678924	4684291	4701066	0.72	cps
Scandium	45-2	481589	475872	477472	478311	0.62	cps
Selenium	82-1	132562	133987	134493	133680	0.75	cps
Selenium	77-2	16075	16262	16262	16200	0.67	cps
Selenium	78-2	53757	54911	54396	54355	1.06	cps
Silicon	28-1	73433787	73796631	74150889	73793769	0.49	cps
Silver	107-1	11920975	12021520	12055809	11999435	0.58	cps
Silver	109-1	11299688	11361023	11393899	11351537	0.42	cps
Sodium	23-2	54778493	54965599	54648633	54797575	0.29	cps
Strontium	86-1	2905480	2944465	2927690	2925879	0.67	cps
Strontium	88-1	25565570	25897280	25875504	25779451	0.72	cps
Sulfur	34-1	658304	667903	667303	664503	0.81	cps
Terbium	159-1	15233911	15346066	15024661	15201546	1.07	cps
Terbium	159-2	10055309	9966249	10091943	10037834	0.64	cps
Thallium	203-1	11729409	11745984	11681744	11719046	0.28	cps
Thallium	205-1	27803681	28094850	28217730	28038754	0.76	cps
Tin	118-1	8176700	8300978	8243093	8240257	0.75	cps
Titanium	47-1	9626107	9885878	9886544	9799510	1.53	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:49:02 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39729487	40648409	40502109	40293335	1.23	cps
Vanadium	51-2	3264773	3247220	3284436	3265477	0.57	cps
Yttrium	89-1	15164886	15120170	15072780	15119279	0.30	cps
Yttrium	89-2	4549057	4494364	4501928	4515116	0.66	cps
Zinc	66-2	6971474	6906460	6875080	6917671	0.71	cps
Zirconium	90-1	15859312	16206124	16139092	16068176	1.14	cps
Zirconium	91-1	3493498	3597686	3600386	3563857	1.71	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20076813	20388474	20153713	20206333	0.80	cps
Antimony	121-1	10487	10010	9370	9956	5.63	cps
Arsenic	75-2	350	350	330	343	3.36	cps
Barium	135-1	8930	8506	7615	8350	8.03	cps
Barium	137-1	15469	14487	13960	14639	5.23	cps
Beryllium	9-1	583	500	480	521	10.52	cps
Bismuth	209-1	8786368	8818440	8613796	8739535	1.26	cps
Bismuth	209-2	6491263	6551805	6524104	6522391	0.46	cps
Bromine	81-1	13359	13046	13767	13391	2.70	cps
Bromine	81-2	167	167	163	166	1.16	cps
Cadmium	108-1	123	130	140	131	6.40	cps
Cadmium	106-1	8172	8016	8059	8082	1.00	cps
Cadmium	111-1	6711	6417	6367	6498	2.86	cps
Calcium	43-1	10499511	10776493	10679654	10651886	1.32	cps
Calcium	44-1	171921317	173019517	174025797	172988877	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8122	8526	8959	8536	4.90	cps
Cobalt	59-2	16716	16763	16426	16635	1.10	cps
Copper	63-2	16396	15695	14527	15539	6.07	cps
Dysprosium	156-1	423	423	403	417	2.77	cps
Dysprosium	156-2	347	330	327	334	3.21	cps
Erbium	164-1	463	590	500	518	12.59	cps
Erbium	164-2	330	340	323	331	2.53	cps
Gadolinium	160-1	437	500	367	434	15.35	cps
Gadolinium	160-2	780	900	887	856	7.69	cps
Holmium	165-1	15006584	14754933	14812103	14857873	0.89	cps
Holmium	165-2	10070830	10159016	10119613	10116486	0.44	cps
Indium	115-1	10097686	10071860	10061234	10076926	0.19	cps
Indium	115-2	3929087	3897735	3910307	3912376	0.40	cps
Iron	56-2	849677907	857377401	858875134	855310147	0.58	cps
Iron	57-2	21563974	21879808	21576104	21673295	0.83	cps
Iron	54-2	46088848	46662894	46682413	46478052	0.73	cps
Krypton	83-1	243	130	180	184	30.80	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25187	22926	21818	23310	7.37	cps
Lead	207-1	21884	19474	18429	19929	8.89	cps
Lead	208-1	101055	90980	85288	92441	8.64	cps
Lithium	6-1	1083235	1104668	1083217	1090373	1.14	cps
Magnesium	24-2	160308214	160660724	161338994	160769311	0.33	cps
Manganese	55-2	18845	18628	18118	18530	2.02	cps
Molybdenum	94-1	17140	15645	14587	15791	8.12	cps
Molybdenum	95-1	20902	18041	16259	18401	12.73	cps
Molybdenum	96-1	31798	29052	27152	29334	7.96	cps
Molybdenum	97-1	13003	11168	10551	11574	11.02	cps
Molybdenum	98-1	33001	28351	25739	29030	12.67	cps
Neodymium	150-1	243	260	207	237	11.53	cps
Neodymium	150-2	140	130	120	130	7.69	cps
Nickel	60-2	7832	7575	7332	7580	3.30	cps
Phosphorus	31-2	563	433	573	523	14.92	cps
Potassium	39-2	111670395	112632782	111587265	111963481	0.52	cps
Rhodium	103-1	8511834	8478411	8447391	8479212	0.38	cps
Rhodium	103-2	5289344	5348751	5249675	5295923	0.94	cps
Scandium	45-1	4875961	4816962	4880684	4857869	0.73	cps
Scandium	45-2	495899	499495	499704	498366	0.43	cps
Selenium	82-1	575	663	568	602	8.74	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	347	377	343	356	5.16	cps
Silicon	28-1	664674	651400	644689	653588	1.56	cps
Silver	107-1	4944	4214	3614	4257	15.65	cps
Silver	109-1	4671	4081	3520	4091	14.06	cps
Sodium	23-2	274029963	274960476	276425476	275138638	0.44	cps
Strontium	86-1	9536	9240	9436	9404	1.61	cps
Strontium	88-1	81796	81957	80834	81529	0.74	cps
Sulfur	34-1	115257	116698	118229	116728	1.27	cps
Terbium	159-1	15042855	15181524	14795581	15006653	1.30	cps
Terbium	159-2	9906764	9980370	9777203	9888112	1.04	cps
Thallium	203-1	4364	3517	3194	3692	16.37	cps
Thallium	205-1	9894	8716	7572	8727	13.30	cps
Tin	118-1	4931	4351	4111	4464	9.45	cps
Titanium	47-1	4214	3894	3204	3771	13.69	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 12:51:48 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13864	11535	10054	11818	16.25	cps
Vanadium	51-2	1273	1240	1027	1180	11.34	cps
Yttrium	89-1	15246690	15317359	15480705	15348251	0.78	cps
Yttrium	89-2	4636436	4567527	4546937	4583633	1.02	cps
Zinc	66-2	11391	11238	11141	11257	1.12	cps
Zirconium	90-1	14497	13563	13233	13764	4.76	cps
Zirconium	91-1	3187	3054	2707	2983	8.31	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110491	110299	110091	110294	0.18	cps
Antimony	121-1	2170871	2206248	2228676	2201932	1.32	cps
Arsenic	75-2	121563	121741	119080	120794	1.23	cps
Barium	135-1	278145	282809	282573	281175	0.93	cps
Barium	137-1	488669	493371	493674	491905	0.57	cps
Beryllium	9-1	117393	120419	119421	119077	1.30	cps
Bismuth	209-1	10005202	10071634	10122936	10066591	0.59	cps
Bismuth	209-2	7407782	7630532	7723208	7587174	2.14	cps
Bromine	81-1	14898	15205	15205	15102	1.17	cps
Bromine	81-2	157	120	123	133	15.21	cps
Cadmium	108-1	18612	18642	18715	18657	0.29	cps
Cadmium	106-1	33960	34320	33980	34087	0.59	cps
Cadmium	111-1	285735	291139	291774	289550	1.15	cps
Calcium	43-1	51196	52835	52665	52232	1.72	cps
Calcium	44-1	850031	858939	859025	855998	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	450953	453512	450607	451691	0.35	cps
Cobalt	59-2	700342	698847	696246	698478	0.30	cps
Copper	63-2	486846	488420	481488	485585	0.75	cps
Dysprosium	156-1	10	17	20	16	32.73	cps
Dysprosium	156-2	40	27	10	26	58.81	cps
Erbium	164-1	83	73	60	72	16.21	cps
Erbium	164-2	47	47	67	53	21.65	cps
Gadolinium	160-1	53	87	57	66	28.01	cps
Gadolinium	160-2	597	677	600	624	7.25	cps
Holmium	165-1	15782124	15457481	15369677	15536428	1.40	cps
Holmium	165-2	10427384	10711385	10683705	10607492	1.48	cps
Indium	115-1	11880507	11774520	11786350	11813792	0.49	cps
Indium	115-2	4468617	4486255	4564430	4506434	1.13	cps
Iron	56-2	8369956	8258402	8103037	8243798	1.63	cps
Iron	57-2	213623	211730	212906	212753	0.45	cps
Iron	54-2	475835	474754	473772	474787	0.22	cps
Krypton	83-1	183	167	140	163	13.38	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1957473	1942778	1983661	1961304	1.06	cps
Lead	207-1	1558259	1580290	1582893	1573814	0.86	cps
Lead	208-1	7621612	7705610	7734494	7687238	0.76	cps
Lithium	6-1	1189067	1183345	1164525	1178979	1.09	cps
Magnesium	24-2	445505	441089	439985	442193	0.66	cps
Manganese	55-2	355089	352971	350920	352993	0.59	cps
Molybdenum	94-1	3157	3257	3357	3257	3.07	cps
Molybdenum	95-1	4004	4181	4341	4175	4.03	cps
Molybdenum	96-1	4667	4551	4874	4697	3.49	cps
Molybdenum	97-1	2487	2507	2520	2505	0.67	cps
Molybdenum	98-1	6812	7022	6982	6938	1.61	cps
Neodymium	150-1	10	37	20	22	60.63	cps
Neodymium	150-2	17	10	0	9	94.38	cps
Nickel	60-2	177692	177949	177469	177703	0.13	cps
Phosphorus	31-2	350	440	423	404	11.84	cps
Potassium	39-2	1112265	1103460	1098693	1104806	0.62	cps
Rhodium	103-1	10922657	10708187	10701169	10777338	1.17	cps
Rhodium	103-2	6489983	6646151	6546197	6560777	1.21	cps
Scandium	45-1	5902206	5842310	5775310	5839942	1.09	cps
Scandium	45-2	557202	574982	574522	568902	1.78	cps
Selenium	82-1	33468	34315	34429	34071	1.54	cps
Selenium	77-2	4021	4027	3954	4001	1.01	cps
Selenium	78-2	13830	14284	14067	14060	1.61	cps
Silicon	28-1	1180657	849089	1137740	1055829	17.08	cps
Silver	107-1	653317	661980	665616	660304	0.96	cps
Silver	109-1	615277	630524	638837	628213	1.90	cps
Sodium	23-2	1274176	1279952	1286008	1280045	0.46	cps
Strontium	86-1	1403	1333	1450	1396	4.21	cps
Strontium	88-1	9693	9870	9960	9841	1.38	cps
Sulfur	34-1	170775	170840	170924	170847	0.04	cps
Terbium	159-1	15824316	15662778	15692709	15726601	0.55	cps
Terbium	159-2	10166187	10505506	10485227	10385640	1.83	cps
Thallium	203-1	2414956	2434732	2434897	2428195	0.47	cps
Thallium	205-1	5803047	5789992	5808893	5800644	0.17	cps
Tin	118-1	1703	2639	1760	2034	25.77	cps
Titanium	47-1	1003	1093	1087	1061	4.73	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:46:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2774	2944	2797	2838	3.25	cps
Vanadium	51-2	385167	384843	381429	383813	0.54	cps
Yttrium	89-1	17784862	17603193	17495583	17627879	0.83	cps
Yttrium	89-2	5073019	5147682	5183221	5134641	1.10	cps
Zinc	66-2	168175	167050	165401	166875	0.84	cps
Zirconium	90-1	2277	2227	1997	2167	6.89	cps
Zirconium	91-1	653	753	643	683	8.90	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	83	70	76	9.18	cps
Antimony	121-1	250	260	230	247	6.19	cps
Arsenic	75-2	17	0	7	8	107.84	cps
Barium	135-1	63	60	77	67	13.23	cps
Barium	137-1	127	123	123	124	1.54	cps
Beryllium	9-1	80	33	60	58	40.53	cps
Bismuth	209-1	10247974	9979604	10050073	10092550	1.38	cps
Bismuth	209-2	7575797	7545786	7712407	7611330	1.17	cps
Bromine	81-1	16516	16102	16656	16425	1.75	cps
Bromine	81-2	147	127	127	133	8.66	cps
Cadmium	108-1	23	27	30	27	12.51	cps
Cadmium	106-1	9073	9200	9246	9173	0.98	cps
Cadmium	111-1	6361	6428	6471	6420	0.86	cps
Calcium	43-1	270	300	340	303	11.58	cps
Calcium	44-1	11112	10715	10501	10776	2.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	827	873	833	844	2.99	cps
Cobalt	59-2	83	97	90	90	7.41	cps
Copper	63-2	1630	1573	1710	1638	4.19	cps
Dysprosium	156-1	0	0	3	1	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	87	93	60	80	22.05	cps
Erbium	164-2	43	47	57	49	14.20	cps
Gadolinium	160-1	70	87	67	74	14.39	cps
Gadolinium	160-2	563	603	643	603	6.63	cps
Holmium	165-1	15563871	15389712	15488821	15480801	0.56	cps
Holmium	165-2	10594586	10615003	10564848	10591479	0.24	cps
Indium	115-1	11684910	11643910	11599951	11642924	0.36	cps
Indium	115-2	4496683	4524261	4475777	4498907	0.54	cps
Iron	56-2	16276	15865	15765	15969	1.69	cps
Iron	57-2	1307	1247	1310	1288	2.77	cps
Iron	54-2	2094	2174	2110	2126	1.99	cps
Krypton	83-1	150	150	180	160	10.83	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	660	647	620	642	3.17	cps
Lead	207-1	570	520	547	546	4.59	cps
Lead	208-1	2633	2480	2500	2538	3.28	cps
Lithium	6-1	1205050	1196478	1191799	1197776	0.56	cps
Magnesium	24-2	453	550	537	513	10.21	cps
Manganese	55-2	220	197	203	207	5.81	cps
Molybdenum	94-1	247	260	263	257	3.44	cps
Molybdenum	95-1	47	67	97	70	35.95	cps
Molybdenum	96-1	137	120	103	120	13.89	cps
Molybdenum	97-1	77	67	50	64	20.91	cps
Molybdenum	98-1	140	153	107	133	18.03	cps
Neodymium	150-1	0	7	10	6	91.64	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	333	417	343	364	12.49	cps
Phosphorus	31-2	490	390	400	427	12.91	cps
Potassium	39-2	55300	55544	55307	55384	0.25	cps
Rhodium	103-1	10819264	10852793	10688940	10786999	0.80	cps
Rhodium	103-2	6508230	6530424	6480333	6506329	0.39	cps
Scandium	45-1	5772871	5755760	5754513	5761048	0.18	cps
Scandium	45-2	569991	567465	573588	570348	0.54	cps
Selenium	82-1	506	509	540	518	3.62	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	383	440	350	391	11.63	cps
Silicon	28-1	825345	821622	1152101	933022	20.34	cps
Silver	107-1	180	170	163	171	4.90	cps
Silver	109-1	133	127	97	119	16.43	cps
Sodium	23-2	14730	14347	14310	14462	1.61	cps
Strontium	86-1	293	270	303	289	5.92	cps
Strontium	88-1	157	117	163	146	17.34	cps
Sulfur	34-1	173334	174113	175876	174441	0.75	cps
Terbium	159-1	15863485	15656694	15461677	15660619	1.28	cps
Terbium	159-2	10355215	10358182	10262156	10325184	0.53	cps
Thallium	203-1	277	190	217	228	19.49	cps
Thallium	205-1	490	473	553	506	8.35	cps
Tin	118-1	937	830	860	876	6.28	cps
Titanium	47-1	73	100	70	81	20.27	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:53:25 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	10	17	17	39.99	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	17394657	17368738	17252455	17338617	0.44	cps
Yttrium	89-2	5180824	5175396	5146949	5167723	0.35	cps
Zinc	66-2	270	373	323	322	16.04	cps
Zirconium	90-1	647	613	733	664	9.32	cps
Zirconium	91-1	113	147	97	119	21.41	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18894866	18526962	18761450	18727759	0.99	cps
Antimony	121-1	12395	13093	12742	12744	2.74	cps
Arsenic	75-2	187	217	223	209	9.35	cps
Barium	135-1	4764	4808	4737	4770	0.74	cps
Barium	137-1	8579	8162	8166	8302	2.89	cps
Beryllium	9-1	357	440	467	421	13.63	cps
Bismuth	209-1	9502280	9616767	9556766	9558605	0.60	cps
Bismuth	209-2	6888606	7158891	7242097	7096531	2.60	cps
Bromine	81-1	16005	15281	15919	15735	2.51	cps
Bromine	81-2	537	627	660	608	10.50	cps
Cadmium	108-1	1753	1757	1673	1728	2.73	cps
Cadmium	106-1	8386	8052	8136	8191	2.12	cps
Cadmium	111-1	7100	6477	6724	6767	4.63	cps
Calcium	43-1	2204870	2204154	2173950	2194325	0.80	cps
Calcium	44-1	36339139	35376509	35425336	35713661	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79072	78804	79545	79140	0.47	cps
Cobalt	59-2	7929	8012	8386	8109	3.00	cps
Copper	63-2	35385	35352	35863	35533	0.80	cps
Dysprosium	156-1	53	47	43	48	10.66	cps
Dysprosium	156-2	20	40	80	47	65.47	cps
Erbium	164-1	133	147	113	131	12.80	cps
Erbium	164-2	83	73	53	70	21.82	cps
Gadolinium	160-1	87	140	107	111	24.25	cps
Gadolinium	160-2	637	570	643	617	6.58	cps
Holmium	165-1	15451819	15317121	15272475	15347138	0.61	cps
Holmium	165-2	9980948	10446543	10552324	10326605	2.94	cps
Indium	115-1	10838873	10488016	10539525	10622138	1.78	cps
Indium	115-2	3868085	4087853	4067939	4007959	3.03	cps
Iron	56-2	367732661	362068995	364457408	364753021	0.78	cps
Iron	57-2	9174823	9240667	9084490	9166660	0.86	cps
Iron	54-2	19953234	19988816	19755297	19899116	0.63	cps
Krypton	83-1	147	127	110	128	14.37	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48985	47657	47218	47953	1.92	cps
Lead	207-1	39888	37849	37451	38396	3.40	cps
Lead	208-1	185614	181636	179884	182378	1.61	cps
Lithium	6-1	1167032	1113185	1139508	1139908	2.36	cps
Magnesium	24-2	32654691	32171951	32692456	32506366	0.89	cps
Manganese	55-2	27141	27141	26550	26944	1.27	cps
Molybdenum	94-1	5554845	5480261	5466728	5500611	0.86	cps
Molybdenum	95-1	9738659	9534637	9589510	9620935	1.10	cps
Molybdenum	96-1	10374009	10327628	10397642	10366426	0.34	cps
Molybdenum	97-1	5994992	6041274	6094481	6043582	0.82	cps
Molybdenum	98-1	15778250	15598873	15567205	15648109	0.73	cps
Neodymium	150-1	50	47	53	50	6.66	cps
Neodymium	150-2	30	23	43	32	31.61	cps
Nickel	60-2	8773	8296	8339	8469	3.11	cps
Phosphorus	31-2	990181	981811	990574	987522	0.50	cps
Potassium	39-2	45115891	44572561	45245418	44977957	0.79	cps
Rhodium	103-1	9391417	9113733	9155455	9220201	1.62	cps
Rhodium	103-2	5419264	5645946	5743198	5602803	2.97	cps
Scandium	45-1	5089366	4817607	4903190	4936721	2.81	cps
Scandium	45-2	473997	487405	499791	487064	2.65	cps
Selenium	82-1	514	434	479	476	8.43	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	387	360	387	378	4.08	cps
Silicon	28-1	710063	650306	656152	672174	4.90	cps
Silver	107-1	1503	1290	1363	1386	7.82	cps
Silver	109-1	1403	1383	1260	1349	5.76	cps
Sodium	23-2	56442621	56404936	56199796	56349117	0.23	cps
Strontium	86-1	104363	102534	104225	103707	0.98	cps
Strontium	88-1	919271	906377	912812	912820	0.71	cps
Sulfur	34-1	3305369	3132579	3192293	3210081	2.73	cps
Terbium	159-1	15480078	15305677	15314352	15366702	0.64	cps
Terbium	159-2	9755816	10013248	10260090	10009718	2.52	cps
Thallium	203-1	1550	1817	1600	1656	8.56	cps
Thallium	205-1	3734	4141	4474	4116	9.01	cps
Tin	118-1	4651	3951	3424	4008	15.36	cps
Titanium	47-1	2168101	2099513	2129309	2132308	1.61	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:56:41 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3220	3237	3227	3228	0.26	cps
Vanadium	51-2	967	993	943	968	2.59	cps
Yttrium	89-1	16045846	15636471	15768468	15816928	1.32	cps
Yttrium	89-2	4464775	4623573	4742953	4610434	3.03	cps
Zinc	66-2	10574	10480	10701	10585	1.04	cps
Zirconium	90-1	2074	1987	1953	2005	3.09	cps
Zirconium	91-1	433	510	477	473	8.12	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18886886	18785418	18840163	18837489	0.27	cps
Antimony	121-1	238110	239440	237223	238258	0.47	cps
Arsenic	75-2	11888	11501	11645	11678	1.68	cps
Barium	135-1	63176	64190	64475	63947	1.07	cps
Barium	137-1	112783	113337	112084	112735	0.56	cps
Beryllium	9-1	22927	23434	23708	23357	1.70	cps
Bismuth	209-1	9956440	10005265	9836708	9932804	0.87	cps
Bismuth	209-2	7377791	7312546	7305761	7332033	0.54	cps
Bromine	81-1	15578	16326	16660	16188	3.42	cps
Bromine	81-2	603	557	617	592	5.32	cps
Cadmium	108-1	5331	5018	5038	5129	3.42	cps
Cadmium	106-1	13410	12936	13376	13241	2.00	cps
Cadmium	111-1	62774	62728	62467	62656	0.26	cps
Calcium	43-1	2211206	2234156	2245475	2230279	0.78	cps
Calcium	44-1	36261738	36534739	36394089	36396855	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165002	164061	162820	163961	0.67	cps
Cobalt	59-2	138448	137590	138027	138022	0.31	cps
Copper	63-2	123565	123128	124076	123589	0.38	cps
Dysprosium	156-1	63	60	50	58	12.01	cps
Dysprosium	156-2	40	43	43	42	4.55	cps
Erbium	164-1	160	120	127	136	15.81	cps
Erbium	164-2	83	113	90	96	16.49	cps
Gadolinium	160-1	130	117	120	122	5.68	cps
Gadolinium	160-2	710	467	623	600	20.56	cps
Holmium	165-1	15790150	15922371	15712277	15808266	0.67	cps
Holmium	165-2	10765257	10729285	10769909	10754817	0.21	cps
Indium	115-1	10872937	10970590	10943101	10928876	0.46	cps
Indium	115-2	4274853	4167091	4241026	4227656	1.30	cps
Iron	56-2	368828968	363209875	364886261	365641701	0.79	cps
Iron	57-2	9268099	9266735	9119176	9218003	0.93	cps
Iron	54-2	20148341	19969466	19873639	19997148	0.70	cps
Krypton	83-1	183	140	153	159	13.97	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	251694	251221	253126	252014	0.39	cps
Lead	207-1	210467	211920	212489	211626	0.49	cps
Lead	208-1	978311	985469	988303	984028	0.52	cps
Lithium	6-1	1177803	1148294	1162203	1162767	1.27	cps
Magnesium	24-2	32769324	32622588	32756013	32715975	0.25	cps
Manganese	55-2	94631	94944	93729	94435	0.67	cps
Molybdenum	94-1	5509823	5556380	5598185	5554796	0.80	cps
Molybdenum	95-1	9774422	9870353	9769685	9804820	0.58	cps
Molybdenum	96-1	10618203	10495901	10632268	10582124	0.71	cps
Molybdenum	97-1	6075099	6087473	6162952	6108508	0.78	cps
Molybdenum	98-1	15864003	16012172	15967767	15947981	0.48	cps
Neodymium	150-1	67	67	83	72	13.32	cps
Neodymium	150-2	27	30	23	27	12.51	cps
Nickel	60-2	40528	40842	40869	40746	0.47	cps
Phosphorus	31-2	998456	988514	992043	993005	0.51	cps
Potassium	39-2	45179011	44930266	45535419	45214899	0.67	cps
Rhodium	103-1	9495178	9472668	9440631	9469492	0.29	cps
Rhodium	103-2	5897541	5850714	5868785	5872347	0.40	cps
Scandium	45-1	5048445	5081743	5025392	5051860	0.56	cps
Scandium	45-2	512660	510228	511709	511532	0.24	cps
Selenium	82-1	3602	3689	3721	3671	1.67	cps
Selenium	77-2	340	317	393	350	11.23	cps
Selenium	78-2	1637	1753	1723	1705	3.55	cps
Silicon	28-1	700873	695844	697336	698018	0.37	cps
Silver	107-1	258845	259659	258269	258924	0.27	cps
Silver	109-1	247989	247004	249875	248289	0.59	cps
Sodium	23-2	56841482	56644814	56180203	56555500	0.60	cps
Strontium	86-1	105874	106465	105777	106038	0.35	cps
Strontium	88-1	937153	934920	942796	938290	0.43	cps
Sulfur	34-1	3225441	3211473	3239275	3225396	0.43	cps
Terbium	159-1	16021475	15824354	15861364	15902398	0.66	cps
Terbium	159-2	10457493	10378311	10361205	10399003	0.49	cps
Thallium	203-1	256353	256208	259340	257300	0.69	cps
Thallium	205-1	603845	606207	614219	608090	0.89	cps
Tin	118-1	2757	2840	2877	2825	2.18	cps
Titanium	47-1	2143732	2158792	2159047	2153857	0.41	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 14:59:47 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3210	3260	3080	3184	2.92	cps
Vanadium	51-2	74422	74596	73692	74237	0.65	cps
Yttrium	89-1	16249198	16324415	16269429	16281014	0.24	cps
Yttrium	89-2	4849519	4826256	4862691	4846155	0.38	cps
Zinc	66-2	25592	25772	25348	25571	0.83	cps
Zirconium	90-1	1920	1813	1947	1893	3.73	cps
Zirconium	91-1	520	453	373	449	16.36	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10126154	10039489	10102990	10089544	0.44	cps
Antimony	121-1	5013626	5120682	5101227	5078511	1.12	cps
Arsenic	75-2	252034	250002	249296	250444	0.57	cps
Barium	135-1	6692384	6814173	6817287	6774614	1.05	cps
Barium	137-1	11909349	11987526	11977190	11958021	0.36	cps
Beryllium	9-1	495007	503929	502087	500341	0.94	cps
Bismuth	209-1	9571106	9643282	9488170	9567519	0.81	cps
Bismuth	209-2	7018868	6941697	6927336	6962634	0.71	cps
Bromine	81-1	13356	13673	13473	13501	1.19	cps
Bromine	81-2	207	150	200	186	16.69	cps
Cadmium	108-1	89547	91261	90366	90391	0.95	cps
Cadmium	106-1	133524	134650	134657	134277	0.49	cps
Cadmium	111-1	1213862	1222707	1228131	1221566	0.59	cps
Calcium	43-1	5349546	5434187	5391556	5391763	0.78	cps
Calcium	44-1	86748355	88167242	87785075	87566891	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1926934	1927797	1931567	1928766	0.13	cps
Cobalt	59-2	2935454	2919113	2879750	2911439	0.98	cps
Copper	63-2	20377054	20366757	20454626	20399479	0.24	cps
Dysprosium	156-1	410	390	397	399	2.55	cps
Dysprosium	156-2	620	543	567	577	6.82	cps
Erbium	164-1	407	487	380	424	13.08	cps
Erbium	164-2	257	313	243	271	13.71	cps
Gadolinium	160-1	347	327	293	322	8.36	cps
Gadolinium	160-2	820	747	737	768	5.93	cps
Holmium	165-1	15531731	15447454	15431727	15470304	0.35	cps
Holmium	165-2	10492790	10453444	10347339	10431191	0.72	cps
Indium	115-1	10667483	10542143	10390499	10533375	1.32	cps
Indium	115-2	4056287	3987138	4046291	4029906	0.93	cps
Iron	56-2	440363047	440056207	440126953	440182069	0.04	cps
Iron	57-2	11075119	11051168	10912840	11013042	0.80	cps
Iron	54-2	24082132	24024977	23935754	24014288	0.31	cps
Krypton	83-1	190	170	173	178	6.03	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23460310	23241310	23736003	23479208	1.06	cps
Lead	207-1	20416748	20720340	20729113	20622067	0.86	cps
Lead	208-1	94377282	95161967	94924290	94821180	0.42	cps
Lithium	6-1	1113797	1145524	1124612	1127978	1.43	cps
Magnesium	24-2	85744615	85182322	84974857	85300598	0.47	cps
Manganese	55-2	15392634	15387125	15375362	15385040	0.06	cps
Molybdenum	94-1	17102181	17391753	17134486	17209473	0.92	cps
Molybdenum	95-1	24282424	24528257	24452848	24421176	0.52	cps
Molybdenum	96-1	26721690	26845551	26846091	26804444	0.27	cps
Molybdenum	97-1	15327954	15384297	15198661	15303637	0.62	cps
Molybdenum	98-1	39344900	39645647	39312611	39434386	0.47	cps
Neodymium	150-1	567	593	630	597	5.33	cps
Neodymium	150-2	197	213	213	208	4.63	cps
Nickel	60-2	697051	687548	688615	691072	0.75	cps
Phosphorus	31-2	98249	95257	96598	96702	1.55	cps
Potassium	39-2	55869586	55698424	55352738	55640249	0.47	cps
Rhodium	103-1	9232951	9159964	9117663	9170192	0.64	cps
Rhodium	103-2	5633033	5610663	5580310	5608002	0.47	cps
Scandium	45-1	5013508	5041130	5005240	5019960	0.37	cps
Scandium	45-2	506494	505559	502688	504914	0.39	cps
Selenium	82-1	67200	68196	68024	67807	0.79	cps
Selenium	77-2	7982	7942	8292	8072	2.37	cps
Selenium	78-2	27185	27405	26427	27006	1.90	cps
Silicon	28-1	41569696	41861375	41841299	41757457	0.39	cps
Silver	107-1	6029415	6032658	6037725	6033266	0.07	cps
Silver	109-1	5661385	5727063	5674783	5687743	0.61	cps
Sodium	23-2	139506898	139664125	139749315	139640112	0.09	cps
Strontium	86-1	1512731	1514867	1538943	1522180	0.96	cps
Strontium	88-1	13567150	13424646	13412535	13468110	0.64	cps
Sulfur	34-1	408427	411730	409853	410003	0.40	cps
Terbium	159-1	15688465	15611724	15560575	15620254	0.41	cps
Terbium	159-2	10284426	10182467	10184757	10217217	0.57	cps
Thallium	203-1	5901675	5853075	5950068	5901606	0.82	cps
Thallium	205-1	14114136	13963029	14264760	14113975	1.07	cps
Tin	118-1	4198978	4238018	4203616	4213538	0.51	cps
Titanium	47-1	5201725	5177993	5100310	5160009	1.03	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P7
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:02:50 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20003413	20519896	20302094	20275135	1.28	cps
Vanadium	51-2	1731370	1722517	1727767	1727218	0.26	cps
Yttrium	89-1	16131236	15955892	15954783	16013970	0.63	cps
Yttrium	89-2	4734525	4654775	4671175	4686825	0.90	cps
Zinc	66-2	3423269	3380982	3397910	3400720	0.63	cps
Zirconium	90-1	8463278	8487561	8494279	8481706	0.19	cps
Zirconium	91-1	1877541	1887569	1874727	1879946	0.36	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1250	1153	887	1097	17.16	cps
Antimony	121-1	3534	2754	2167	2818	24.33	cps
Arsenic	75-2	33	30	30	31	6.18	cps
Barium	135-1	2597	1860	1353	1937	32.28	cps
Barium	137-1	5068	3170	2247	3495	41.15	cps
Beryllium	9-1	267	260	217	248	10.96	cps
Bismuth	209-1	10640031	10631914	10624859	10632268	0.07	cps
Bismuth	209-2	7807268	7923149	7876509	7868975	0.74	cps
Bromine	81-1	13239	13703	13613	13519	1.82	cps
Bromine	81-2	200	113	160	158	27.49	cps
Cadmium	108-1	73	43	43	53	32.48	cps
Cadmium	106-1	8616	8586	8809	8670	1.40	cps
Cadmium	111-1	6630	6373	6423	6475	2.10	cps
Calcium	43-1	2424	1787	1453	1888	26.11	cps
Calcium	44-1	47087	34780	26708	36192	28.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987	933	963	961	2.78	cps
Cobalt	59-2	403	340	277	340	18.63	cps
Copper	63-2	4811	4554	3981	4448	9.56	cps
Dysprosium	156-1	3	0	7	3	100.05	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	73	77	103	84	19.47	cps
Erbium	164-2	70	53	47	57	21.21	cps
Gadolinium	160-1	67	67	43	59	22.88	cps
Gadolinium	160-2	520	587	570	559	6.21	cps
Holmium	165-1	15660273	15653563	15931616	15748484	1.01	cps
Holmium	165-2	10704885	10833789	10658543	10732405	0.85	cps
Indium	115-1	11360527	11232024	11440342	11344298	0.93	cps
Indium	115-2	4377570	4457370	4362123	4399021	1.16	cps
Iron	56-2	70156	59825	52401	60794	14.67	cps
Iron	57-2	2347	2080	2020	2149	8.09	cps
Iron	54-2	4914	4201	3804	4306	13.07	cps
Krypton	83-1	170	140	153	154	9.73	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10601	7689	5745	8011	30.51	cps
Lead	207-1	9307	6795	5018	7040	30.61	cps
Lead	208-1	42887	31428	22467	32261	31.73	cps
Lithium	6-1	1159224	1191479	1192079	1180927	1.59	cps
Magnesium	24-2	9686	8099	7102	8296	15.71	cps
Manganese	55-2	1993	1683	1367	1681	18.64	cps
Molybdenum	94-1	8019	5678	4457	6051	29.91	cps
Molybdenum	95-1	10931	7879	5678	8163	32.32	cps
Molybdenum	96-1	12656	8216	6221	9031	36.47	cps
Molybdenum	97-1	7285	4848	3500	5211	36.81	cps
Molybdenum	98-1	17928	12626	8813	13122	34.89	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	340	343	332	4.95	cps
Phosphorus	31-2	347	343	277	322	12.25	cps
Potassium	39-2	57368	54561	53574	55167	3.57	cps
Rhodium	103-1	10010107	10170749	10099463	10093440	0.80	cps
Rhodium	103-2	6409066	6353694	6249055	6337272	1.28	cps
Scandium	45-1	5073124	5021244	5066916	5053761	0.56	cps
Scandium	45-2	514080	516751	515109	515313	0.26	cps
Selenium	82-1	429	500	457	462	7.72	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	383	417	347	382	9.16	cps
Silicon	28-1	626877	621139	623118	623712	0.47	cps
Silver	107-1	3224	2264	1557	2348	35.63	cps
Silver	109-1	2827	2180	1487	2165	30.96	cps
Sodium	23-2	50074	47172	43515	46920	7.01	cps
Strontium	86-1	870	730	500	700	26.69	cps
Strontium	88-1	5671	3917	2674	4087	36.85	cps
Sulfur	34-1	123961	124906	128350	125739	1.84	cps
Terbium	159-1	15853120	16232529	15873081	15986243	1.34	cps
Terbium	159-2	10484720	10606414	10400223	10497119	0.99	cps
Thallium	203-1	2917	2164	1720	2267	26.69	cps
Thallium	205-1	6648	5158	3841	5216	26.93	cps
Tin	118-1	2684	2254	1710	2216	22.02	cps
Titanium	47-1	2267	1647	1173	1696	32.34	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P7
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 15:05:34 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8289	5395	3881	5855	38.26	cps
Vanadium	51-2	203	210	143	186	19.79	cps
Yttrium	89-1	16257626	16323746	16394155	16325176	0.42	cps
Yttrium	89-2	4918835	4875912	4841319	4878689	0.80	cps
Zinc	66-2	750	637	597	661	12.03	cps
Zirconium	90-1	4531	3594	2624	3583	26.62	cps
Zirconium	91-1	963	743	523	743	29.60	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156610	157539	157309	157153	0.31	cps
Antimony	121-1	26922	27623	27002	27182	1.41	cps
Arsenic	75-2	3114	3164	3157	3145	0.86	cps
Barium	135-1	39879	39170	39879	39643	1.03	cps
Barium	137-1	67392	70329	68845	68856	2.13	cps
Beryllium	9-1	123	163	150	146	13.99	cps
Bismuth	209-1	11029049	10913376	10945197	10962541	0.55	cps
Bismuth	209-2	8392751	8370815	8374790	8379452	0.14	cps
Bromine	81-1	16476	17344	17397	17072	3.03	cps
Bromine	81-2	180	233	187	200	14.53	cps
Cadmium	108-1	573	647	653	624	7.11	cps
Cadmium	106-1	9613	9740	9813	9722	1.04	cps
Cadmium	111-1	14290	14554	14544	14463	1.04	cps
Calcium	43-1	6912	6955	7285	7051	2.90	cps
Calcium	44-1	120067	122577	122130	121591	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4317	4234	4284	4278	0.98	cps
Cobalt	59-2	10944	10674	10721	10779	1.34	cps
Copper	63-2	2839310	2830860	2796430	2822200	0.80	cps
Dysprosium	156-1	2914	2967	3077	2986	2.79	cps
Dysprosium	156-2	2627	2860	2667	2718	4.59	cps
Erbium	164-1	2577	2807	2667	2684	4.32	cps
Erbium	164-2	1994	1883	1793	1890	5.30	cps
Gadolinium	160-1	2940	2797	2960	2899	3.07	cps
Gadolinium	160-2	2627	2560	2680	2622	2.29	cps
Holmium	165-1	15820250	15724859	16016065	15853725	0.94	cps
Holmium	165-2	11099832	10970604	11079549	11049995	0.63	cps
Indium	115-1	12258455	12233941	12236170	12242855	0.11	cps
Indium	115-2	4704674	4686002	4678879	4689852	0.28	cps
Iron	56-2	18883713	18879496	18896931	18886714	0.05	cps
Iron	57-2	480038	476328	479705	478690	0.43	cps
Iron	54-2	1049919	1046093	1048710	1048241	0.19	cps
Krypton	83-1	197	173	227	199	13.44	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15203494	15030721	15474237	15236151	1.47	cps
Lead	207-1	12594878	12663299	12828915	12695697	0.95	cps
Lead	208-1	59159007	58919565	59901357	59326643	0.86	cps
Lithium	6-1	1145494	1148527	1147063	1147028	0.13	cps
Magnesium	24-2	139041	139643	139522	139402	0.23	cps
Manganese	55-2	5054989	5034591	5076657	5055412	0.42	cps
Molybdenum	94-1	18428	18672	19283	18794	2.34	cps
Molybdenum	95-1	31784	32032	32844	32220	1.72	cps
Molybdenum	96-1	34895	34591	34698	34728	0.44	cps
Molybdenum	97-1	20304	20127	20101	20177	0.55	cps
Molybdenum	98-1	51674	51624	52491	51930	0.94	cps
Neodymium	150-1	4584	4651	4681	4639	1.07	cps
Neodymium	150-2	2944	2734	3007	2895	4.94	cps
Nickel	60-2	2154	2084	2000	2079	3.69	cps
Phosphorus	31-2	1433	1317	1443	1398	5.04	cps
Potassium	39-2	95983	96409	96959	96451	0.51	cps
Rhodium	103-1	11105985	11080772	11131969	11106242	0.23	cps
Rhodium	103-2	6783002	6749140	6852726	6794956	0.78	cps
Scandium	45-1	5946939	5957716	5899179	5934611	0.52	cps
Scandium	45-2	589631	589045	592905	590527	0.35	cps
Selenium	82-1	623	592	566	594	4.82	cps
Selenium	77-2	20	33	13	22	45.83	cps
Selenium	78-2	517	520	460	499	6.76	cps
Silicon	28-1	2579969	2585608	2580942	2582173	0.12	cps
Silver	107-1	140687	143558	143733	142660	1.20	cps
Silver	109-1	135634	138123	137619	137125	0.96	cps
Sodium	23-2	23491	23511	23465	23489	0.10	cps
Strontium	86-1	8416	8413	8776	8535	2.45	cps
Strontium	88-1	71945	71948	72350	72081	0.32	cps
Sulfur	34-1	201139	204483	204431	203351	0.94	cps
Terbium	159-1	16239232	16307880	16276129	16274414	0.21	cps
Terbium	159-2	10761981	10771970	10680376	10738109	0.47	cps
Thallium	203-1	660	660	687	669	2.30	cps
Thallium	205-1	1490	1440	1557	1496	3.91	cps
Tin	118-1	69299	69835	70270	69801	0.70	cps
Titanium	47-1	4394	4394	4644	4477	3.22	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-04DLX16 Instrumnet Name : P7
Client Sample ID : MH2D35 Dilution Factor : 16
Date & Time Acquired : 2025-01-14 15:52:07 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4641	4651	4921	4738	3.35	cps
Vanadium	51-2	6531	6575	6818	6642	2.33	cps
Yttrium	89-1	18230314	18153939	18202503	18195586	0.21	cps
Yttrium	89-2	5411824	5383605	5375487	5390305	0.35	cps
Zinc	66-2	434498	433722	434768	434329	0.13	cps
Zirconium	90-1	1570	1457	1470	1499	4.13	cps
Zirconium	91-1	387	263	280	310	21.59	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15084	15081	14924	15030	0.61	cps
Antimony	121-1	199720	200901	201882	200834	0.54	cps
Arsenic	75-2	81173	81452	80409	81011	0.67	cps
Barium	135-1	30843	31348	31425	31205	1.01	cps
Barium	137-1	54317	54454	54591	54454	0.25	cps
Beryllium	9-1	50	47	53	50	6.66	cps
Bismuth	209-1	11745960	10210971	11065053	11007328	6.99	cps
Bismuth	209-2	8800521	8794610	8804496	8799875	0.06	cps
Bromine	81-1	17314	17274	17531	17373	0.80	cps
Bromine	81-2	173	207	147	176	17.12	cps
Cadmium	108-1	103	143	123	123	16.22	cps
Cadmium	106-1	9540	8416	8813	8923	6.39	cps
Cadmium	111-1	7889	7114	7399	7468	5.25	cps
Calcium	43-1	843	760	850	818	6.13	cps
Calcium	44-1	19553	19350	19016	19306	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2890	2864	2660	2805	4.49	cps
Cobalt	59-2	807	777	913	832	8.63	cps
Copper	63-2	1952954	1972739	1981986	1969226	0.75	cps
Dysprosium	156-1	273	293	330	299	9.62	cps
Dysprosium	156-2	257	313	283	284	9.97	cps
Erbium	164-1	217	227	253	232	8.16	cps
Erbium	164-2	213	167	130	170	24.57	cps
Gadolinium	160-1	427	383	310	373	15.80	cps
Gadolinium	160-2	847	890	780	839	6.61	cps
Holmium	165-1	16456401	13530746	14640746	14875965	9.93	cps
Holmium	165-2	10923251	11008425	10799590	10910422	0.96	cps
Indium	115-1	12411292	10631910	11378426	11473876	7.79	cps
Indium	115-2	4769883	4722959	4652762	4715202	1.25	cps
Iron	56-2	28992930	28533554	28878492	28801658	0.83	cps
Iron	57-2	727888	730447	725644	727993	0.33	cps
Iron	54-2	1563759	1573339	1585371	1574156	0.69	cps
Krypton	83-1	160	230	173	188	19.79	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28818047	28801940	28801899	28807295	0.03	cps
Lead	207-1	24043895	23975557	24219837	24079763	0.52	cps
Lead	208-1	111958798	112543308	113041098	112514401	0.48	cps
Lithium	6-1	1186086	990799	1077702	1084862	9.02	cps
Magnesium	24-2	5678	5781	5734	5731	0.90	cps
Manganese	55-2	226494	224946	224502	225314	0.46	cps
Molybdenum	94-1	32352	32119	32977	32483	1.37	cps
Molybdenum	95-1	55562	56723	55706	55997	1.13	cps
Molybdenum	96-1	60183	60906	60374	60488	0.62	cps
Molybdenum	97-1	35172	36158	35657	35662	1.38	cps
Molybdenum	98-1	90739	92192	91387	91439	0.80	cps
Neodymium	150-1	617	573	637	609	5.32	cps
Neodymium	150-2	337	413	397	382	10.55	cps
Nickel	60-2	813	813	870	832	3.93	cps
Phosphorus	31-2	860	917	633	803	18.66	cps
Potassium	39-2	163787	162921	164842	163850	0.59	cps
Rhodium	103-1	11346018	9646873	10360077	10450989	8.16	cps
Rhodium	103-2	6868762	6834357	6778686	6827268	0.67	cps
Scandium	45-1	5987327	5205977	5489382	5560895	7.11	cps
Scandium	45-2	600441	597550	594143	597378	0.53	cps
Selenium	82-1	646	575	644	622	6.51	cps
Selenium	77-2	30	17	17	21	36.45	cps
Selenium	78-2	467	487	453	469	3.58	cps
Silicon	28-1	1540152	1563008	1558193	1553784	0.78	cps
Silver	107-1	125856	127272	127380	126836	0.67	cps
Silver	109-1	119675	120859	120855	120463	0.57	cps
Sodium	23-2	24086	23535	24082	23901	1.33	cps
Strontium	86-1	8119	7899	7939	7986	1.47	cps
Strontium	88-1	66861	68090	67517	67489	0.91	cps
Sulfur	34-1	239799	238804	238331	238978	0.31	cps
Terbium	159-1	16291995	13946598	15002973	15080522	7.79	cps
Terbium	159-2	10742885	10880220	10681991	10768365	0.94	cps
Thallium	203-1	2700	2730	2870	2767	3.28	cps
Thallium	205-1	6385	6565	6255	6402	2.43	cps
Tin	118-1	26782	26514	26681	26659	0.51	cps
Titanium	47-1	420	390	453	421	7.52	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-07DLX20 Instrumnet Name : P7
Client Sample ID : MH2D44 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:55:16 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1057	1270	1157	1161	9.19	cps
Vanadium	51-2	4621	4401	4387	4470	2.93	cps
Yttrium	89-1	18500031	15748645	16656096	16968257	8.26	cps
Yttrium	89-2	5334601	5366080	5395261	5365314	0.57	cps
Zinc	66-2	127138	126752	127922	127271	0.47	cps
Zirconium	90-1	680	650	740	690	6.64	cps
Zirconium	91-1	223	250	267	247	8.86	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29789	30393	30257	30146	1.05	cps
Antimony	121-1	74703	76324	75285	75437	1.09	cps
Arsenic	75-2	38526	38233	37801	38187	0.96	cps
Barium	135-1	15425	14918	15368	15237	1.82	cps
Barium	137-1	26859	27073	27383	27105	0.97	cps
Beryllium	9-1	60	77	60	66	14.68	cps
Bismuth	209-1	11204369	11042368	11110008	11118915	0.73	cps
Bismuth	209-2	8545698	8407070	8411940	8454903	0.93	cps
Bromine	81-1	17330	17380	17757	17489	1.34	cps
Bromine	81-2	177	157	187	173	8.81	cps
Cadmium	108-1	833	860	903	866	4.08	cps
Cadmium	106-1	10554	10757	10747	10686	1.07	cps
Cadmium	111-1	19056	19427	19703	19395	1.67	cps
Calcium	43-1	1633	1543	1680	1619	4.29	cps
Calcium	44-1	32081	31540	32465	32029	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3100	3027	3034	3054	1.33	cps
Cobalt	59-2	3691	3694	3674	3686	0.29	cps
Copper	63-2	1614056	1612786	1623947	1616930	0.38	cps
Dysprosium	156-1	493	507	517	506	2.32	cps
Dysprosium	156-2	360	433	470	421	13.30	cps
Erbium	164-1	473	390	367	410	13.68	cps
Erbium	164-2	363	353	317	344	7.13	cps
Gadolinium	160-1	493	547	477	506	7.23	cps
Gadolinium	160-2	937	930	1020	962	5.21	cps
Holmium	165-1	16080879	16048644	15914898	16014807	0.55	cps
Holmium	165-2	11030519	10854510	11002344	10962458	0.86	cps
Indium	115-1	12149269	12146249	12359699	12218406	1.00	cps
Indium	115-2	4786051	4708530	4711177	4735253	0.93	cps
Iron	56-2	28719615	28758564	28754039	28744073	0.07	cps
Iron	57-2	732043	731920	731224	731729	0.06	cps
Iron	54-2	1599412	1599527	1607702	1602214	0.30	cps
Krypton	83-1	183	173	213	190	10.96	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26566985	26500036	26667065	26578028	0.32	cps
Lead	207-1	22536516	22441314	22277188	22418339	0.59	cps
Lead	208-1	104533736	105052019	103880837	104488864	0.56	cps
Lithium	6-1	1168119	1157949	1172958	1166342	0.66	cps
Magnesium	24-2	18451	18281	18147	18293	0.83	cps
Manganese	55-2	608338	605898	604027	606088	0.36	cps
Molybdenum	94-1	26972	27092	27439	27167	0.89	cps
Molybdenum	95-1	46290	46748	47259	46766	1.04	cps
Molybdenum	96-1	50895	51965	51239	51366	1.06	cps
Molybdenum	97-1	28935	29667	29884	29495	1.68	cps
Molybdenum	98-1	75711	77263	75393	76123	1.31	cps
Neodymium	150-1	850	767	750	789	6.79	cps
Neodymium	150-2	457	530	463	483	8.39	cps
Nickel	60-2	877	1070	957	968	10.04	cps
Phosphorus	31-2	777	903	823	834	7.68	cps
Potassium	39-2	150468	149674	151148	150430	0.49	cps
Rhodium	103-1	11205605	11141092	11188218	11178305	0.30	cps
Rhodium	103-2	6863078	6885833	6867990	6872300	0.17	cps
Scandium	45-1	6060719	5997095	6093862	6050558	0.81	cps
Scandium	45-2	600651	597830	604180	600887	0.53	cps
Selenium	82-1	612	596	587	598	2.12	cps
Selenium	77-2	17	10	20	16	32.73	cps
Selenium	78-2	577	567	473	539	10.58	cps
Silicon	28-1	1717231	1710002	1696270	1707835	0.62	cps
Silver	107-1	146339	147221	147874	147145	0.52	cps
Silver	109-1	138440	139497	140085	139341	0.60	cps
Sodium	23-2	23044	22920	23107	23024	0.41	cps
Strontium	86-1	5494	5628	5851	5658	3.19	cps
Strontium	88-1	48654	47934	48266	48284	0.75	cps
Sulfur	34-1	269385	270793	270542	270240	0.28	cps
Terbium	159-1	16378464	16325287	16361339	16355030	0.17	cps
Terbium	159-2	10703659	10737196	10727262	10722706	0.16	cps
Thallium	203-1	1800	2097	2040	1979	7.96	cps
Thallium	205-1	4567	4437	4754	4586	3.47	cps
Tin	118-1	22698	22461	23329	22829	1.97	cps
Titanium	47-1	397	433	427	419	4.66	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-08DLX20 Instrumnet Name : P7
Client Sample ID : MH2D47 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 15:58:27 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1793	1683	1683	1720	3.69	cps
Vanadium	51-2	4417	4311	3964	4231	5.60	cps
Yttrium	89-1	18220745	18183544	18321475	18241921	0.39	cps
Yttrium	89-2	5401831	5408743	5326662	5379078	0.85	cps
Zinc	66-2	810920	802308	805424	806217	0.54	cps
Zirconium	90-1	877	750	863	830	8.39	cps
Zirconium	91-1	207	227	220	218	4.68	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175672	176435	177811	176639	0.61	cps
Antimony	121-1	5561	5618	5414	5531	1.90	cps
Arsenic	75-2	2727	2527	2764	2672	4.77	cps
Barium	135-1	42537	42730	42841	42703	0.36	cps
Barium	137-1	74142	73267	74379	73930	0.79	cps
Beryllium	9-1	103	120	117	113	7.78	cps
Bismuth	209-1	10327310	10571102	10562756	10487056	1.32	cps
Bismuth	209-2	7849496	7681397	7852596	7794496	1.26	cps
Bromine	81-1	17340	17010	17437	17262	1.30	cps
Bromine	81-2	213	217	223	218	2.34	cps
Cadmium	108-1	237	287	280	268	10.14	cps
Cadmium	106-1	10160	9910	9934	10001	1.38	cps
Cadmium	111-1	10354	10013	10225	10197	1.68	cps
Calcium	43-1	6882	6678	6728	6763	1.57	cps
Calcium	44-1	113084	113527	114303	113638	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5688	5481	5634	5601	1.92	cps
Cobalt	59-2	5311	5304	5568	5394	2.78	cps
Copper	63-2	180835	181605	178663	180368	0.85	cps
Dysprosium	156-1	3007	3007	3060	3025	1.02	cps
Dysprosium	156-2	2617	2490	2737	2615	4.72	cps
Erbium	164-1	2177	2307	2317	2267	3.45	cps
Erbium	164-2	1600	1510	1560	1557	2.90	cps
Gadolinium	160-1	2694	2874	2707	2758	3.64	cps
Gadolinium	160-2	2490	2664	2600	2585	3.39	cps
Holmium	165-1	15799014	15902717	15906910	15869547	0.39	cps
Holmium	165-2	11040146	10930629	10995595	10988790	0.50	cps
Indium	115-1	12273807	12284160	12276370	12278112	0.04	cps
Indium	115-2	4661908	4718588	4672220	4684239	0.64	cps
Iron	56-2	17370753	17336191	17408797	17371914	0.21	cps
Iron	57-2	440713	442400	439632	440915	0.32	cps
Iron	54-2	969526	971236	973058	971273	0.18	cps
Krypton	83-1	190	187	207	194	5.51	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2700739	2790603	2803596	2764979	2.03	cps
Lead	207-1	2342568	2432267	2409448	2394761	1.95	cps
Lead	208-1	10804827	11192132	11103700	11033553	1.84	cps
Lithium	6-1	1149173	1156576	1134836	1146862	0.96	cps
Magnesium	24-2	186317	185716	187799	186611	0.57	cps
Manganese	55-2	538519	537359	537300	537726	0.13	cps
Molybdenum	94-1	4204	4061	4094	4120	1.82	cps
Molybdenum	95-1	6518	6695	6562	6592	1.40	cps
Molybdenum	96-1	7399	7249	7409	7352	1.22	cps
Molybdenum	97-1	4047	4234	4311	4197	3.23	cps
Molybdenum	98-1	10164	10454	10511	10376	1.79	cps
Neodymium	150-1	5024	5428	5271	5241	3.88	cps
Neodymium	150-2	3200	3330	3337	3289	2.34	cps
Nickel	60-2	1637	1550	1560	1582	3.00	cps
Phosphorus	31-2	2370	2524	2324	2406	4.35	cps
Potassium	39-2	127008	126413	128208	127209	0.72	cps
Rhodium	103-1	11342193	11251696	11107985	11233958	1.05	cps
Rhodium	103-2	6726542	6850147	6806214	6794301	0.92	cps
Scandium	45-1	6100462	6102943	6089714	6097706	0.12	cps
Scandium	45-2	602244	596347	600961	599851	0.52	cps
Selenium	82-1	529	569	528	542	4.34	cps
Selenium	77-2	0	10	20	10	100.00	cps
Selenium	78-2	543	513	513	523	3.31	cps
Silicon	28-1	2619511	2619578	2621271	2620120	0.04	cps
Silver	107-1	16740	17961	17674	17458	3.66	cps
Silver	109-1	16780	16997	16176	16651	2.55	cps
Sodium	23-2	29178	28877	29495	29183	1.06	cps
Strontium	86-1	11354	11455	11415	11408	0.44	cps
Strontium	88-1	98390	97715	98863	98322	0.59	cps
Sulfur	34-1	191126	189007	189237	189790	0.61	cps
Terbium	159-1	16316386	16091645	16379815	16262615	0.93	cps
Terbium	159-2	10953807	10661111	10710532	10775150	1.45	cps
Thallium	203-1	480	440	497	472	6.17	cps
Thallium	205-1	1133	1123	1073	1110	2.90	cps
Tin	118-1	2417	2650	2680	2582	5.58	cps
Titanium	47-1	10530	10190	10050	10257	2.41	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-10DLX20 Instrumnet Name : P7
Client Sample ID : MH2D53 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:01:35 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3694	3584	3701	3659	1.79	cps
Vanadium	51-2	8939	9236	9063	9079	1.64	cps
Yttrium	89-1	18149244	18309950	18327360	18262185	0.54	cps
Yttrium	89-2	5418230	5396712	5397641	5404194	0.23	cps
Zinc	66-2	250447	250094	252704	251082	0.56	cps
Zirconium	90-1	1500	1430	1380	1437	4.20	cps
Zirconium	91-1	297	280	273	283	4.24	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48613	48376	49172	48720	0.84	cps
Antimony	121-1	322526	322779	324786	323364	0.38	cps
Arsenic	75-2	93948	91875	92962	92928	1.12	cps
Barium	135-1	33128	32738	33336	33067	0.92	cps
Barium	137-1	57556	58269	57891	57905	0.62	cps
Beryllium	9-1	60	80	90	77	19.92	cps
Bismuth	209-1	13071871	12882711	12794718	12916433	1.10	cps
Bismuth	209-2	9679911	9626487	9557307	9621235	0.64	cps
Bromine	81-1	16549	17767	17561	17292	3.77	cps
Bromine	81-2	180	220	163	188	15.51	cps
Cadmium	108-1	377	377	347	367	4.73	cps
Cadmium	106-1	9770	9964	10287	10007	2.61	cps
Cadmium	111-1	11093	11208	11419	11240	1.47	cps
Calcium	43-1	3751	3504	3640	3632	3.40	cps
Calcium	44-1	62498	63101	64323	63308	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4837	4817	4511	4722	3.88	cps
Cobalt	59-2	2037	1977	1870	1961	4.30	cps
Copper	63-2	3825247	3861385	3846557	3844396	0.47	cps
Dysprosium	156-1	990	1087	1087	1054	5.29	cps
Dysprosium	156-2	903	903	980	929	4.77	cps
Erbium	164-1	783	817	830	810	2.97	cps
Erbium	164-2	593	590	423	536	18.15	cps
Gadolinium	160-1	910	1003	957	957	4.88	cps
Gadolinium	160-2	1173	1243	1353	1257	7.22	cps
Holmium	165-1	16414558	16107282	16105566	16209135	1.10	cps
Holmium	165-2	11147394	11082427	11149701	11126507	0.34	cps
Indium	115-1	12356422	12501399	12396036	12417952	0.60	cps
Indium	115-2	4915026	4829726	4844745	4863166	0.94	cps
Iron	56-2	43076103	42926991	42900456	42967850	0.22	cps
Iron	57-2	1087444	1074315	1082628	1081462	0.61	cps
Iron	54-2	2340961	2324577	2354136	2339891	0.63	cps
Krypton	83-1	137	170	177	161	13.30	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67260429	67607191	67253389	67373670	0.30	cps
Lead	207-1	56717992	56443699	56510044	56557245	0.25	cps
Lead	208-1	262870473	263688338	261951424	262836745	0.33	cps
Lithium	6-1	1179457	1180264	1180083	1179935	0.04	cps
Magnesium	24-2	25718	25762	26209	25896	1.05	cps
Manganese	55-2	494409	498728	499974	497704	0.59	cps
Molybdenum	94-1	89243	90423	90846	90171	0.92	cps
Molybdenum	95-1	154337	155570	156803	155570	0.79	cps
Molybdenum	96-1	168070	169962	170156	169396	0.68	cps
Molybdenum	97-1	96868	98864	99479	98404	1.39	cps
Molybdenum	98-1	254342	254297	255982	254874	0.38	cps
Neodymium	150-1	1830	1793	1787	1803	1.29	cps
Neodymium	150-2	1053	1177	1033	1088	7.14	cps
Nickel	60-2	970	1010	990	990	2.02	cps
Phosphorus	31-2	1160	1090	1050	1100	5.06	cps
Potassium	39-2	127203	128756	129021	128326	0.77	cps
Rhodium	103-1	11268890	11400302	11507116	11392103	1.05	cps
Rhodium	103-2	7036457	6986665	7034791	7019304	0.40	cps
Scandium	45-1	6169663	6180734	6225804	6192067	0.48	cps
Scandium	45-2	623748	618500	620384	620877	0.43	cps
Selenium	82-1	879	824	863	855	3.33	cps
Selenium	77-2	30	30	40	33	17.32	cps
Selenium	78-2	613	507	547	556	9.70	cps
Silicon	28-1	1754278	1780982	1778490	1771250	0.83	cps
Silver	107-1	128213	130564	130517	129765	1.04	cps
Silver	109-1	120253	122304	125033	122530	1.96	cps
Sodium	23-2	26089	26409	26176	26225	0.63	cps
Strontium	86-1	52634	53326	53868	53276	1.16	cps
Strontium	88-1	465953	466494	470778	467742	0.57	cps
Sulfur	34-1	247706	251052	252351	250370	0.96	cps
Terbium	159-1	16688491	16485849	16170977	16448439	1.59	cps
Terbium	159-2	10941977	10914488	10904424	10920296	0.18	cps
Thallium	203-1	2210	2220	2194	2208	0.61	cps
Thallium	205-1	5191	5414	5411	5339	2.40	cps
Tin	118-1	36580	37435	36650	36888	1.29	cps
Titanium	47-1	2414	2457	2234	2368	5.00	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DLX20 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 20
Date & Time Acquired : 2025-01-14 16:07:05 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5438	5498	5855	5597	4.03	cps
Vanadium	51-2	6511	6998	6712	6740	3.63	cps
Yttrium	89-1	18636316	18523229	18361170	18506905	0.75	cps
Yttrium	89-2	5555444	5593037	5589565	5579349	0.37	cps
Zinc	66-2	342876	339981	344770	342542	0.70	cps
Zirconium	90-1	1430	1540	1500	1490	3.74	cps
Zirconium	91-1	420	470	483	458	7.29	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25087	25174	24914	25058	0.53	cps
Antimony	121-1	163575	163575	164465	163871	0.31	cps
Arsenic	75-2	46790	46887	46720	46799	0.18	cps
Barium	135-1	16486	16593	16863	16648	1.17	cps
Barium	137-1	28986	28752	29116	28952	0.64	cps
Beryllium	9-1	33	50	80	54	43.44	cps
Bismuth	209-1	11686125	11675678	11650058	11670620	0.16	cps
Bismuth	209-2	8877275	8736877	8802394	8805515	0.80	cps
Bromine	81-1	18004	17904	18031	17980	0.37	cps
Bromine	81-2	150	163	147	153	5.75	cps
Cadmium	108-1	247	220	173	213	17.40	cps
Cadmium	106-1	9790	10024	9897	9903	1.18	cps
Cadmium	111-1	8904	8763	8977	8881	1.22	cps
Calcium	43-1	2067	2057	2077	2067	0.48	cps
Calcium	44-1	40458	40939	41013	40803	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3864	3634	3741	3746	3.07	cps
Cobalt	59-2	1040	1037	900	992	8.05	cps
Copper	63-2	1910278	1952529	1901963	1921590	1.41	cps
Dysprosium	156-1	510	597	483	530	11.18	cps
Dysprosium	156-2	483	487	520	497	4.08	cps
Erbium	164-1	477	530	410	472	12.73	cps
Erbium	164-2	323	313	320	319	1.60	cps
Gadolinium	160-1	523	470	550	514	7.92	cps
Gadolinium	160-2	870	880	963	904	5.67	cps
Holmium	165-1	16423842	16137096	16108139	16223026	1.08	cps
Holmium	165-2	11175054	11064928	11049067	11096350	0.62	cps
Indium	115-1	12478645	12356350	12426339	12420445	0.49	cps
Indium	115-2	4889458	4829174	4780910	4833181	1.13	cps
Iron	56-2	21457433	21288913	21315762	21354036	0.42	cps
Iron	57-2	544897	548720	545883	546500	0.36	cps
Iron	54-2	1199568	1194128	1192435	1195377	0.31	cps
Krypton	83-1	193	140	140	158	19.52	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33841641	33526531	34049319	33805830	0.78	cps
Lead	207-1	28203757	28549325	28445477	28399520	0.62	cps
Lead	208-1	131817242	132917629	132963311	132566061	0.49	cps
Lithium	6-1	1177736	1185591	1156855	1173394	1.27	cps
Magnesium	24-2	13726	13179	13426	13444	2.04	cps
Manganese	55-2	250136	248802	248080	249006	0.42	cps
Molybdenum	94-1	45273	45651	46617	45847	1.51	cps
Molybdenum	95-1	77618	79213	79072	78634	1.12	cps
Molybdenum	96-1	85548	85756	85018	85441	0.45	cps
Molybdenum	97-1	49082	49206	50189	49492	1.23	cps
Molybdenum	98-1	127174	129417	128670	128421	0.89	cps
Neodymium	150-1	973	847	863	894	7.69	cps
Neodymium	150-2	593	503	560	552	8.24	cps
Nickel	60-2	877	967	923	922	4.88	cps
Phosphorus	31-2	730	733	670	711	5.01	cps
Potassium	39-2	95262	95265	96745	95758	0.89	cps
Rhodium	103-1	11467008	11372739	11360194	11399981	0.51	cps
Rhodium	103-2	7011754	7057459	6960312	7009842	0.69	cps
Scandium	45-1	6146849	6192731	6204684	6181421	0.49	cps
Scandium	45-2	619152	622593	617642	619796	0.41	cps
Selenium	82-1	709	754	676	713	5.47	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	533	537	520	530	1.66	cps
Silicon	28-1	1513731	1515102	1533815	1520883	0.74	cps
Silver	107-1	65266	64794	65095	65052	0.37	cps
Silver	109-1	60887	61590	62731	61736	1.51	cps
Sodium	23-2	23371	22960	23375	23235	1.02	cps
Strontium	86-1	26931	27182	27025	27046	0.47	cps
Strontium	88-1	237607	235767	236784	236720	0.39	cps
Sulfur	34-1	217667	216897	217600	217388	0.20	cps
Terbium	159-1	16288841	16563435	16448501	16433592	0.84	cps
Terbium	159-2	11191862	10901851	10892744	10995485	1.55	cps
Thallium	203-1	1283	1217	1260	1253	2.70	cps
Thallium	205-1	2887	2800	2817	2835	1.62	cps
Tin	118-1	19470	19376	19283	19376	0.48	cps
Titanium	47-1	1280	1280	1277	1279	0.15	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : P5388-11DL2X40 Instrumnet Name : P7
Client Sample ID : MH2D56 Dilution Factor : 40
Date & Time Acquired : 2025-01-14 16:11:29 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3107	3067	2877	3017	4.07	cps
Vanadium	51-2	3670	3537	3544	3584	2.10	cps
Yttrium	89-1	18610118	18694938	18682418	18662491	0.25	cps
Yttrium	89-2	5592646	5569953	5559797	5574132	0.30	cps
Zinc	66-2	174068	170015	171098	171727	1.22	cps
Zirconium	90-1	1007	1087	1090	1061	4.45	cps
Zirconium	91-1	243	220	250	238	6.63	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10026198	10062068	9997259	10028508	0.32	cps
Antimony	121-1	5041278	5059913	4970436	5023876	0.94	cps
Arsenic	75-2	247301	247263	245664	246743	0.38	cps
Barium	135-1	6778815	6783256	6734467	6765513	0.40	cps
Barium	137-1	11804879	11796109	11867469	11822819	0.33	cps
Beryllium	9-1	524193	520754	514427	519791	0.95	cps
Bismuth	209-1	9754709	9647715	9631793	9678072	0.69	cps
Bismuth	209-2	6988128	7065903	7042739	7032257	0.57	cps
Bromine	81-1	14878	13800	13400	14026	5.45	cps
Bromine	81-2	177	110	130	139	24.63	cps
Cadmium	108-1	91745	89756	89976	90492	1.20	cps
Cadmium	106-1	137850	135814	134327	135997	1.30	cps
Cadmium	111-1	1234012	1229544	1216560	1226705	0.74	cps
Calcium	43-1	5520004	5292353	5317438	5376598	2.32	cps
Calcium	44-1	90116219	87621539	86481962	88073240	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1891637	1895618	1906118	1897791	0.39	cps
Cobalt	59-2	2877809	2882449	2877628	2879295	0.09	cps
Copper	63-2	20010436	20040109	20107069	20052538	0.25	cps
Dysprosium	156-1	400	443	383	409	7.57	cps
Dysprosium	156-2	540	503	537	527	3.85	cps
Erbium	164-1	363	440	397	400	9.61	cps
Erbium	164-2	293	297	263	284	6.45	cps
Gadolinium	160-1	367	317	313	332	8.99	cps
Gadolinium	160-2	750	780	793	774	2.87	cps
Holmium	165-1	15858624	15494940	15234654	15529406	2.02	cps
Holmium	165-2	10484326	10560178	10417872	10487459	0.68	cps
Indium	115-1	10934069	10523092	10437383	10631515	2.50	cps
Indium	115-2	4019412	4026872	4012802	4019696	0.18	cps
Iron	56-2	432864447	433428074	436374900	434222474	0.43	cps
Iron	57-2	10939061	10971814	11006102	10972326	0.31	cps
Iron	54-2	23685059	23621970	23467984	23591671	0.47	cps
Krypton	83-1	150	173	177	167	8.72	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23396911	23591075	23754553	23580847	0.76	cps
Lead	207-1	20465965	20748800	20834178	20682981	0.93	cps
Lead	208-1	93735635	95160343	95374796	94756925	0.94	cps
Lithium	6-1	1176611	1138866	1126701	1147393	2.27	cps
Magnesium	24-2	86153917	85522880	84767894	85481564	0.81	cps
Manganese	55-2	14996223	15049788	15071193	15039068	0.26	cps
Molybdenum	94-1	17223256	16998116	16814161	17011844	1.20	cps
Molybdenum	95-1	24530896	24296485	24209586	24345656	0.68	cps
Molybdenum	96-1	27214608	26447330	26489953	26717297	1.61	cps
Molybdenum	97-1	15531808	15111316	15278718	15307281	1.38	cps
Molybdenum	98-1	40045450	39655621	39306099	39669057	0.93	cps
Neodymium	150-1	637	667	653	652	2.30	cps
Neodymium	150-2	243	183	250	226	16.28	cps
Nickel	60-2	683086	683239	678765	681697	0.37	cps
Phosphorus	31-2	95522	94905	95505	95311	0.37	cps
Potassium	39-2	55404056	54894926	54877609	55058864	0.54	cps
Rhodium	103-1	9484002	9160718	8944757	9196492	2.95	cps
Rhodium	103-2	5618944	5590083	5535886	5581638	0.76	cps
Scandium	45-1	5300347	4972349	4901705	5058134	4.21	cps
Scandium	45-2	503921	500005	497261	500396	0.67	cps
Selenium	82-1	68405	67350	67276	67677	0.93	cps
Selenium	77-2	7939	7795	8436	8057	4.17	cps
Selenium	78-2	26821	27101	27021	26981	0.54	cps
Silicon	28-1	43634793	41877454	41679379	42397208	2.54	cps
Silver	107-1	6053386	5937843	5949138	5980122	1.07	cps
Silver	109-1	5754857	5744286	5628842	5709328	1.22	cps
Sodium	23-2	137888975	138176485	137723368	137929609	0.17	cps
Strontium	86-1	1531532	1507233	1501446	1513403	1.05	cps
Strontium	88-1	13606773	13205699	13385963	13399478	1.50	cps
Sulfur	34-1	451823	430622	423885	435443	3.35	cps
Terbium	159-1	15786105	15653878	15519998	15653327	0.85	cps
Terbium	159-2	10151729	10114081	10112428	10126079	0.22	cps
Thallium	203-1	5863007	5861945	5862716	5862556	0.01	cps
Thallium	205-1	13972752	13938449	14179347	14030183	0.93	cps
Tin	118-1	4200293	4199106	4265627	4221675	0.90	cps
Titanium	47-1	5357983	5220086	5113373	5230481	2.34	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P7
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:14:40 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19873706	20636507	20405794	20305336	1.93	cps
Vanadium	51-2	1670118	1718973	1688916	1692669	1.46	cps
Yttrium	89-1	16621649	15944889	15736174	16100904	2.87	cps
Yttrium	89-2	4710642	4704268	4633599	4682836	0.91	cps
Zinc	66-2	3382754	3384078	3387020	3384617	0.06	cps
Zirconium	90-1	8590817	8321998	8260157	8390990	2.10	cps
Zirconium	91-1	1891246	1868456	1867101	1875601	0.72	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1570	1257	1033	1287	20.95	cps
Antimony	121-1	2840	2340	2217	2466	13.39	cps
Arsenic	75-2	50	23	40	38	35.67	cps
Barium	135-1	2084	1703	1433	1740	18.77	cps
Barium	137-1	3847	2897	2324	3023	25.46	cps
Beryllium	9-1	317	223	167	236	32.15	cps
Bismuth	209-1	10626337	10488353	10652206	10588965	0.83	cps
Bismuth	209-2	8041923	7900651	7893908	7945494	1.05	cps
Bromine	81-1	13493	13606	14070	13723	2.23	cps
Bromine	81-2	143	147	147	146	1.32	cps
Cadmium	108-1	60	67	50	59	14.25	cps
Cadmium	106-1	8793	8339	8676	8603	2.74	cps
Cadmium	111-1	6570	6147	6415	6377	3.35	cps
Calcium	43-1	2000	1673	1533	1736	13.80	cps
Calcium	44-1	36655	32071	26741	31822	15.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1170	983	1000	1051	9.83	cps
Cobalt	59-2	563	477	350	463	23.16	cps
Copper	63-2	5258	4467	4367	4697	10.38	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	80	43	93	72	35.85	cps
Erbium	164-2	47	27	37	37	27.27	cps
Gadolinium	160-1	60	63	80	68	15.81	cps
Gadolinium	160-2	530	567	540	546	3.47	cps
Holmium	165-1	15959963	15532113	15735648	15742574	1.36	cps
Holmium	165-2	10747548	10798179	10665139	10736955	0.63	cps
Indium	115-1	11270887	11404458	11333103	11336149	0.59	cps
Indium	115-2	4417184	4358544	4324307	4366679	1.08	cps
Iron	56-2	86383	76373	67293	76683	12.45	cps
Iron	57-2	2594	2477	2304	2458	5.94	cps
Iron	54-2	5728	5354	4654	5245	10.39	cps
Krypton	83-1	110	157	170	146	21.65	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9694	8266	6722	8227	18.07	cps
Lead	207-1	8730	7052	5805	7195	20.40	cps
Lead	208-1	39449	32255	26510	32738	19.80	cps
Lithium	6-1	1185508	1174672	1150447	1170209	1.53	cps
Magnesium	24-2	13296	11394	9570	11420	16.32	cps
Manganese	55-2	2360	2180	1777	2106	14.19	cps
Molybdenum	94-1	6065	4958	4441	5154	16.10	cps
Molybdenum	95-1	8112	6878	5588	6859	18.40	cps
Molybdenum	96-1	9030	7519	6351	7633	17.59	cps
Molybdenum	97-1	5188	4304	3370	4287	21.20	cps
Molybdenum	98-1	13233	10988	9310	11177	17.61	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	427	367	363	386	9.24	cps
Phosphorus	31-2	317	340	300	319	6.30	cps
Potassium	39-2	55979	55507	53437	54974	2.46	cps
Rhodium	103-1	10004755	10075707	10071058	10050507	0.39	cps
Rhodium	103-2	6298479	6287005	6302883	6296123	0.13	cps
Scandium	45-1	4995360	5081126	5048501	5041663	0.86	cps
Scandium	45-2	510832	514536	516649	514006	0.57	cps
Selenium	82-1	447	420	370	412	9.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	393	327	363	361	9.25	cps
Silicon	28-1	585559	602044	604147	597250	1.70	cps
Silver	107-1	2360	2000	1703	2021	16.27	cps
Silver	109-1	2437	1887	1553	1959	22.77	cps
Sodium	23-2	45357	42468	39501	42442	6.90	cps
Strontium	86-1	717	573	580	623	12.98	cps
Strontium	88-1	4477	3524	2954	3652	21.08	cps
Sulfur	34-1	128770	132898	131419	131029	1.60	cps
Terbium	159-1	15952563	16008031	15723559	15894718	0.95	cps
Terbium	159-2	10649338	10405068	10351328	10468578	1.52	cps
Thallium	203-1	2064	1833	1407	1768	18.85	cps
Thallium	205-1	5124	4117	3037	4093	25.50	cps
Tin	118-1	2434	1887	1890	2070	15.20	cps
Titanium	47-1	1727	1510	1123	1453	21.03	cps

LB Number : LB134288 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P7
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-14 16:17:23 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6081	4931	4207	5073	18.63	cps
Vanadium	51-2	213	263	227	234	11.04	cps
Yttrium	89-1	16115570	16119939	16415103	16216871	1.06	cps
Yttrium	89-2	4830299	4872162	4870565	4857675	0.49	cps
Zinc	66-2	883	753	750	796	9.56	cps
Zirconium	90-1	3867	3184	2797	3283	16.51	cps
Zirconium	91-1	853	677	613	714	17.41	cps