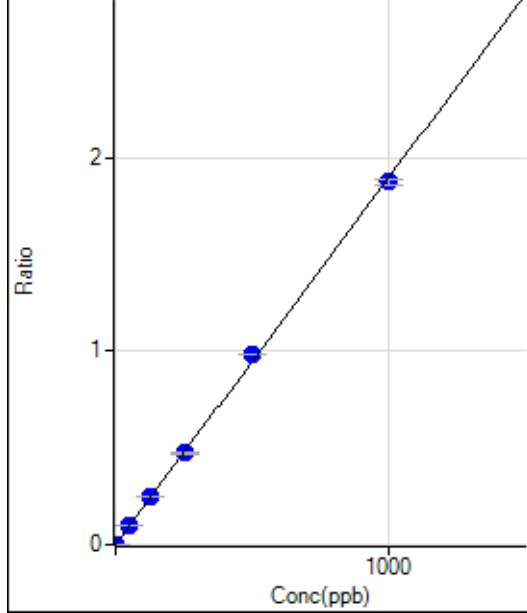


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032425 MS.b\
Analysis File: P7032425 MS.batch.bin
DA Date-Time: 2025-03-24 16:34:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-24 14:08:42
2	006CALS.d	S02	2025-03-24 14:15:19
3	007CALS.d	S03	2025-03-24 14:18:37
4	008CALS.d	S04	2025-03-24 14:21:48
5	013CALS.d	S05	2025-03-24 14:47:25
6	014CALS.d	S06	2025-03-24 14:50:18
7	015CALS.d	S07	2025-03-24 14:53:07
8	016CALS.d	S08	2025-03-24 14:55:51

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.00	0.0003	P	7.2
2	☐	1.000	0.981	1044.49	0.0021	P	3.1
3	☐	50.000	54.034	49461.70	0.1027	P	0.9
4	☐	125.000	131.347	119789.54	0.2492	P	1.9
5	☐	250.000	249.900	233901.94	0.4738	P	1.1
6	☐	500.000	519.311	473037.56	0.9843	P	0.4
7	☐	1000.000	989.374	901475.66	1.8750	P	1.6
8	☐			178.89	0.0004	P	10.6

$$y = 0.0019 * x + 2.6994E-004$$

$$R = 0.9997$$

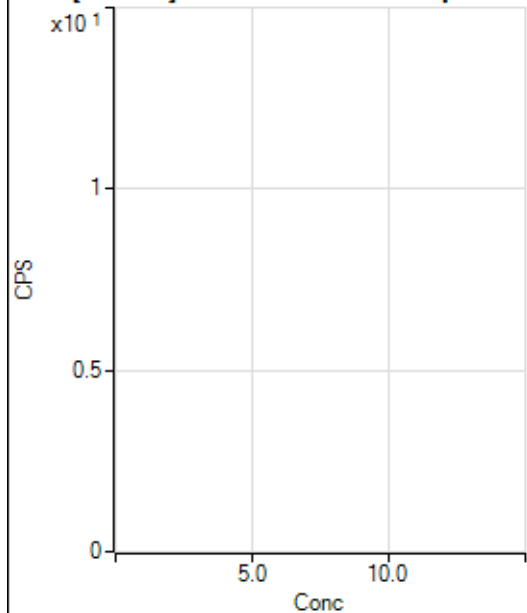
$$DL = 0.03071$$

$$BEC = 0.1425$$

Weight: <None>

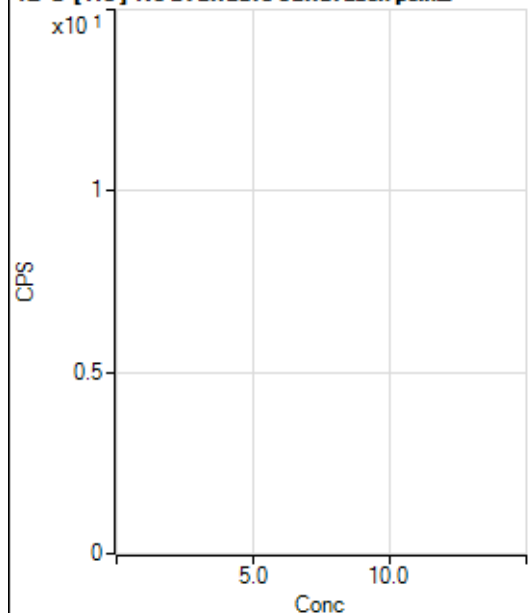
Min Conc: 0

12 C [No Gas] No available calibration points



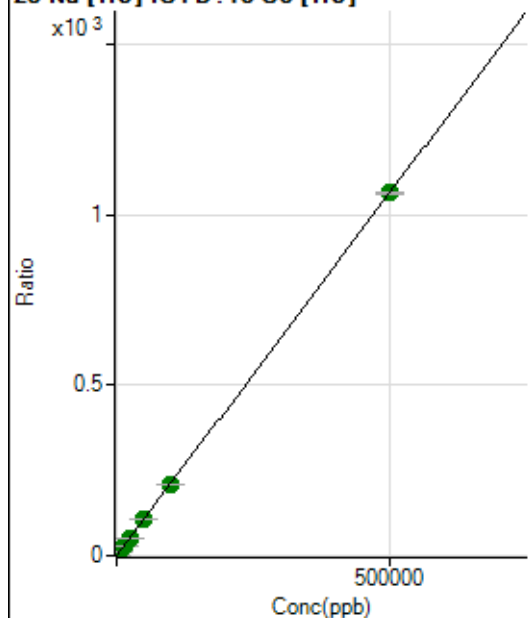
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	12021.43	0.0571	P	1.6
2	☐	500.000	479.692	227003.83	1.0783	P	0.9
3	☐	5000.000	5112.564	2245170.69	10.9416	A	2.1
4	☐	12500.000	12727.713	5338338.08	27.1540	A	1.0
5	☐	25000.000	24453.526	10921433.59	52.1180	A	2.1
6	☐	50000.000	50346.804	21917824.68	107.2440	A	0.8
7	☐	100000.00	98719.742	42902604.92	210.2287	A	0.8
8	☐	500000.00	500241.89	225714036.6	1,065.058	A	0.5

$$y = 0.0021 * x + 0.0571$$

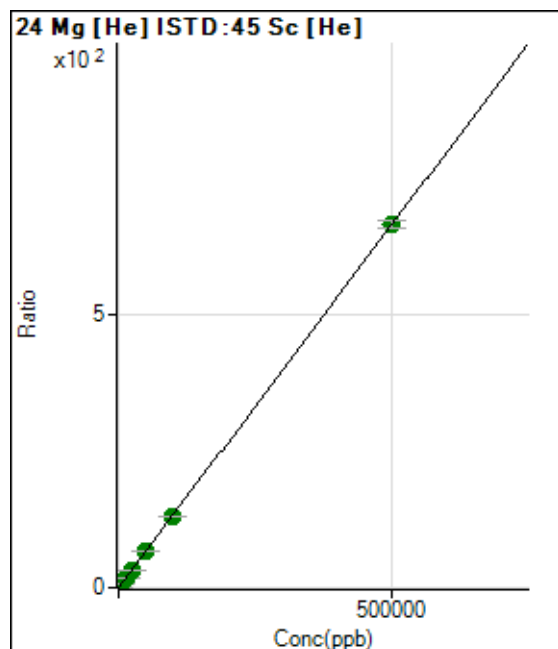
$$R = 1.0000$$

$$DL = 1.316$$

$$BEC = 26.82$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	562.24	0.0027	P	7.2
2	☐	500.000	487.018	137124.43	0.6514	P	0.6
3	☐	5000.000	5107.422	1396574.46	6.8058	A	1.9
4	☐	12500.000	12842.274	3363509.08	17.1087	A	0.4
5	☐	25000.000	24630.885	6875800.17	32.8112	A	1.3
6	☐	50000.000	50652.147	13789312.02	67.4718	A	0.4
7	☐	100000.00	98742.816	26843159.05	131.5291	A	1.0
8	☐	500000.00	500195.06	141202237.9	666.2673	A	2.0

$$y = 0.0013 * x + 0.0027$$

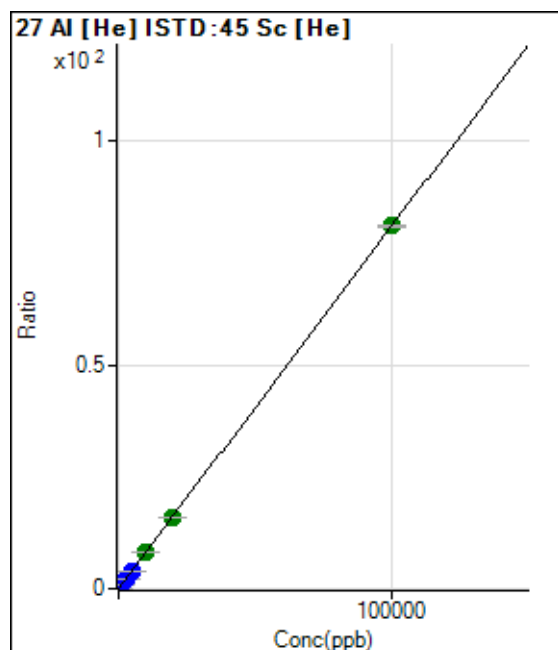
$$R = 1.0000$$

$$DL = 0.4357$$

$$BEC = 2.005$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164.45	0.0008	P	23.2
2	☐	20.000	19.298	3454.87	0.0164	P	2.7
3	☐	1000.000	1032.119	171696.13	0.8367	P	0.2
4	☐	2500.000	2496.148	397610.22	2.0225	P	0.7
5	☐	5000.000	4749.085	806211.61	3.8472	P	0.4
6	☐	10000.000	9941.673	1645723.45	8.0528	A	0.7
7	☐	20000.000	19463.072	3217234.33	15.7644	A	0.7
8	☐	100000.00	100125.53	17186346.97	81.0947	A	0.8

$$y = 8.0992E-004 * x + 7.8064E-004$$

$$R = 1.0000$$

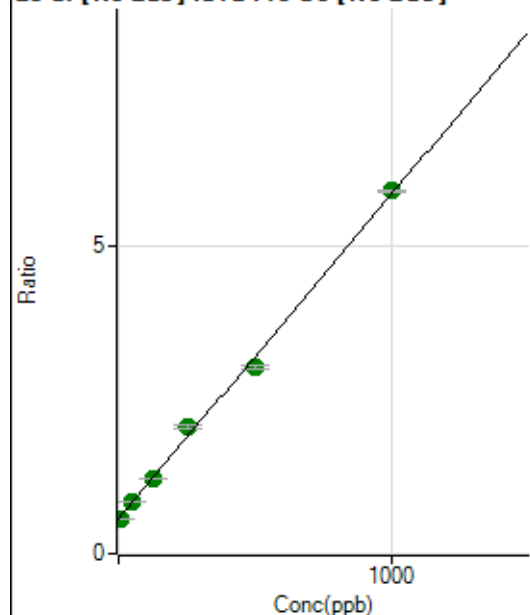
$$DL = 0.6716$$

$$BEC = 0.9638$$

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	1284654.13	0.5716	A	0.9
2	☐	10.000	-0.072	1276133.77	0.5712	A	0.9
3	☐	50.000	53.776	1843575.60	0.8553	A	0.6
4	☐	125.000	123.684	2558388.56	1.2242	A	1.6
5	☐	250.000	282.053	4489942.05	2.0598	A	2.2
6	☐	500.000	464.359	6406679.21	3.0218	A	1.9
7	☐	1000.000	1009.884	12452545.78	5.9003	A	0.6
8	☐			1281762.58	0.5973	A	2.7

$$y = 0.0053 * x + 0.5716$$

R = 0.9984

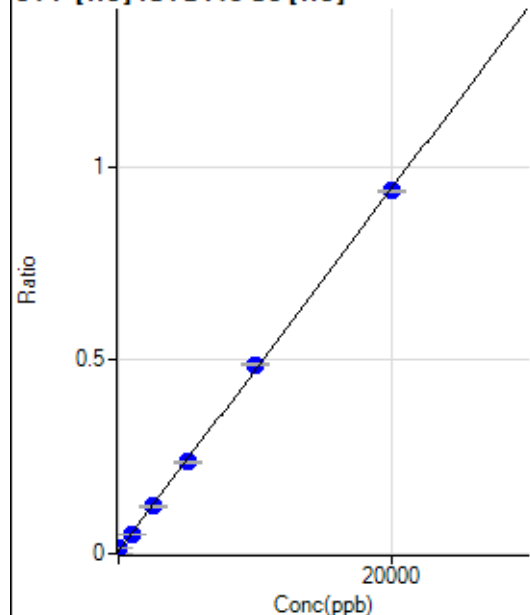
DL = 2.906

BEC = 108.3

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-127.297	246.67	0.0012	P	7.1
2	☐	0.000	127.297	2756.95	0.0131	P	2.9
3	☐	1000.000	919.906	10305.77	0.0502	P	1.0
4	☐	2500.000	2460.723	24063.43	0.1224	P	1.4
5	☐	5000.000	4930.248	49889.91	0.2381	P	1.7
6	☐	10000.000	10292.087	99981.35	0.4892	P	1.1
7	☐	20000.000	19880.309	191503.59	0.9384	P	0.4
8	☐			300.00	0.0014	P	12.7

$$y = 4.6842E-005 * x + 0.0071$$

R = 0.9998

DL = 14.77

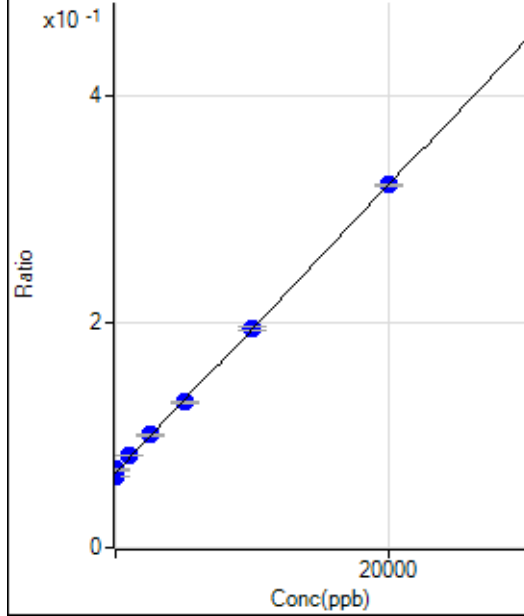
BEC = 152.3

Weight: <None>

Min Conc: 0

Calibration for 008CAL.S.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-240.058	142577.42	0.0634	P	1.1
2	☐	0.000	240.058	155392.51	0.0696	P	2.2
3	☐	1000.000	1185.599	175954.03	0.0816	P	0.5
4	☐	2500.000	2642.393	209465.05	0.1002	P	1.8
5	☐	5000.000	4904.252	281436.05	0.1291	P	1.5
6	☐	10000.000	10018.653	412174.84	0.1944	P	1.6
7	☐	20000.000	19987.531	678871.82	0.3217	P	0.3
8	☐			144416.92	0.0673	P	3.2

$$y = 1.2766E-005 * x + 0.0665$$

R = 0.9997

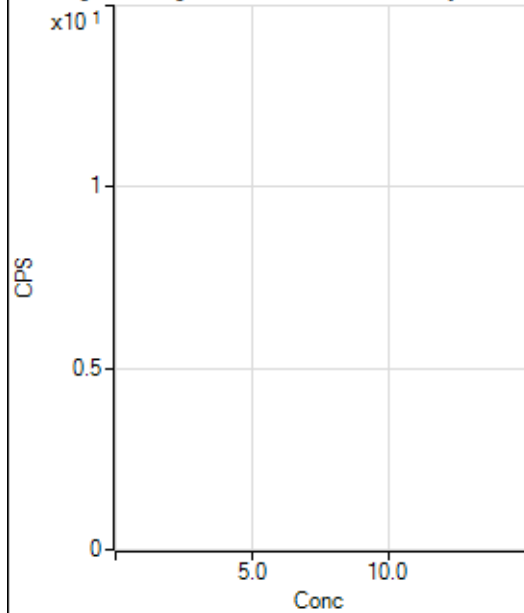
DL = 260.6

BEC = 5209

Weight: <None>

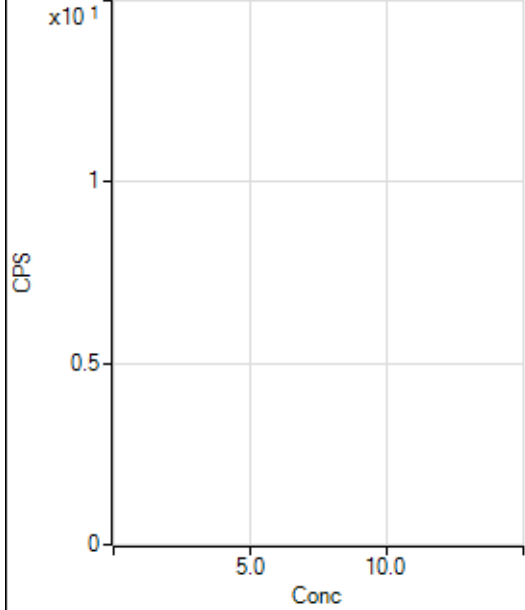
Min Conc: 0

35 Cl [No Gas] No available calibration points



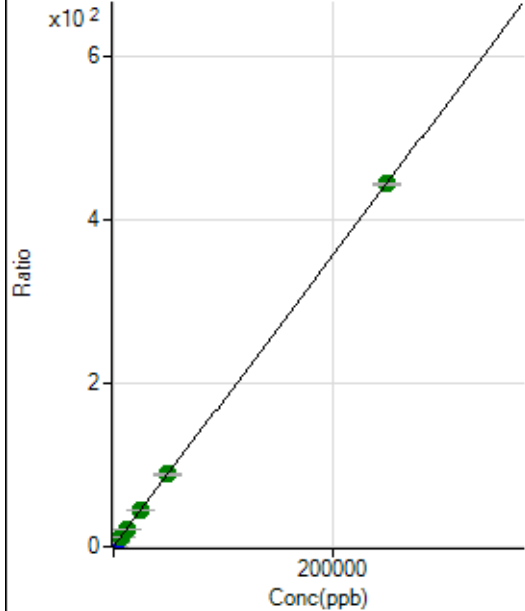
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	56079.48	0.2663	P	1.4
2	☐	500.000	500.144	242608.18	1.1525	P	0.1
3	☐	2500.000	2672.035	1026134.21	5.0006	P	0.2
4	☐	6250.000	6354.964	2265970.80	11.5260	A	1.0
5	☐	12500.000	12365.433	4646985.52	22.1753	A	0.6
6	☐	25000.000	25451.882	9270481.67	45.3618	A	0.7
7	☐	50000.000	49608.734	17992508.48	88.1627	A	0.9
8	☐	250000.00	250035.44	93941961.93	443.2773	A	0.4

$$y = 0.0018 * x + 0.2663$$

$$R = 1.0000$$

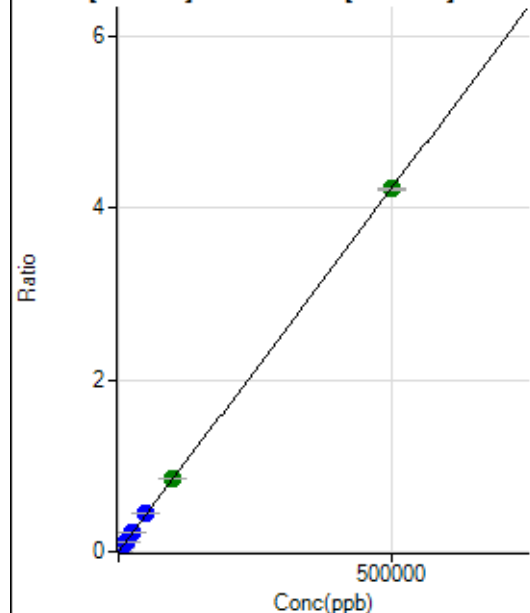
$$DL = 6.349$$

$$BEC = 150.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.79	0.0002	P	2.8
2	☐	500.000	510.676	10028.95	0.0045	P	2.1
3	☐	5000.000	5471.229	99963.91	0.0464	P	0.7
4	☐	12500.000	13651.061	241238.02	0.1155	P	2.6
5	☐	25000.000	25780.972	474986.09	0.2179	P	1.0
6	☐	50000.000	53367.692	955905.00	0.4508	P	1.2
7	☐	100000.00	99914.070	1781101.83	0.8439	A	0.7
8	☐	500000.00	499607.86	9054862.50	4.2191	A	0.7

$$y = 8.4445E-006 * x + 1.7698E-004$$

$$R = 1.0000$$

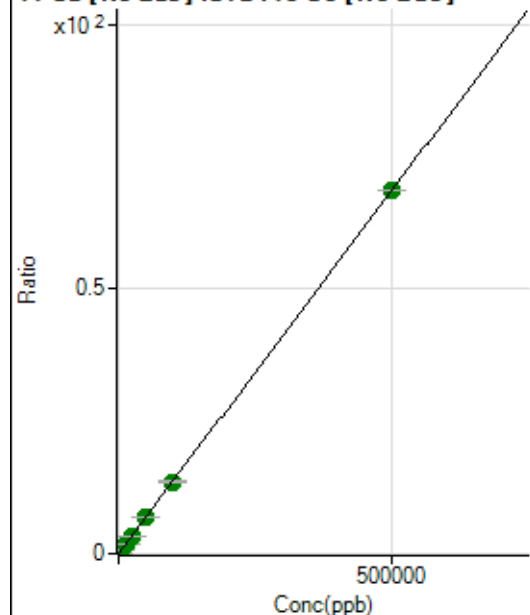
$$DL = 1.758$$

$$BEC = 20.96$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8512.76	0.0038	P	2.5
2	☐	500.000	521.134	168085.92	0.0752	P	1.8
3	☐	5000.000	5243.966	1557919.09	0.7228	A	1.1
4	☐	12500.000	12919.381	3709697.55	1.7752	A	2.0
5	☐	25000.000	24729.124	7398993.29	3.3945	A	2.5
6	☐	50000.000	50949.831	14820162.42	6.9897	A	1.3
7	☐	100000.00	99091.119	28684411.24	13.5905	A	1.6
8	☐	500000.00	500087.39	147172350.0	68.5722	A	0.2

$$y = 1.3711E-004 * x + 0.0038$$

$$R = 1.0000$$

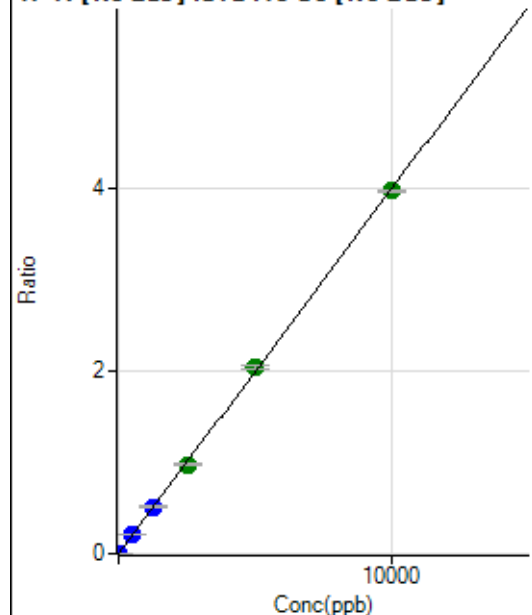
$$DL = 2.043$$

$$BEC = 27.62$$

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	68.89	0.0000	P	11.3
2	☐	5.000	5.158	4659.65	0.0021	P	2.2
3	☐	500.000	520.864	447110.06	0.2074	P	0.4
4	☐	1250.000	1276.678	1062275.82	0.5084	P	2.8
5	☐	2500.000	2446.777	2124009.85	0.9743	A	1.6
6	☐	5000.000	5118.379	4321254.10	2.0381	A	1.7
7	☐	10000.000	9949.738	8361944.04	3.9620	A	0.4
8	☐			572.24	0.0003	P	9.1

$$y = 3.9820E-004 * x + 3.0653E-005$$

$$R = 0.9999$$

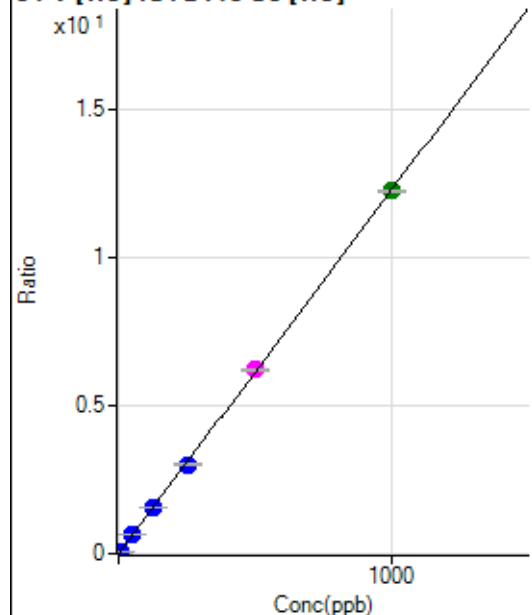
$$DL = 0.02621$$

$$BEC = 0.07698$$

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	42.22	0.0002	P	9.4
2	☐	5.000	4.895	12687.66	0.0603	P	1.4
3	☐	50.000	51.395	129459.23	0.6309	P	1.0
4	☐	125.000	126.759	305846.86	1.5557	P	0.3
5	☐	250.000	245.500	631354.80	3.0128	P	0.9
6	☐	500.000	505.789	1268527.61	6.2069	M	0.3
7	☐	1000.000	997.941	2499176.94	12.2463	A	0.9
8	☐			715.58	0.0034	P	8.6

$$y = 0.0123 * x + 2.0055E-004$$

$$R = 1.0000$$

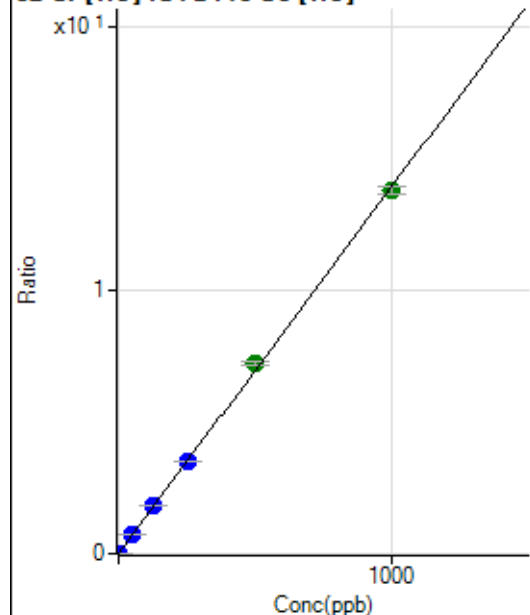
$$DL = 0.00462$$

$$BEC = 0.01634$$

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	641.13	0.0030	P	14.8
2	☐	2.000	2.073	6723.79	0.0319	P	2.6
3	☐	50.000	52.542	150900.92	0.7354	P	0.8
4	☐	125.000	130.246	357494.26	1.8184	P	0.2
5	☐	250.000	250.539	732416.29	3.4951	P	0.8
6	☐	500.000	519.452	1480230.46	7.2432	A	1.5
7	☐	1000.000	989.356	2814811.62	13.7928	A	2.3
8	☐			17277.77	0.0815	P	1.8

$$y = 0.0139 * x + 0.0030$$

$$R = 0.9997$$

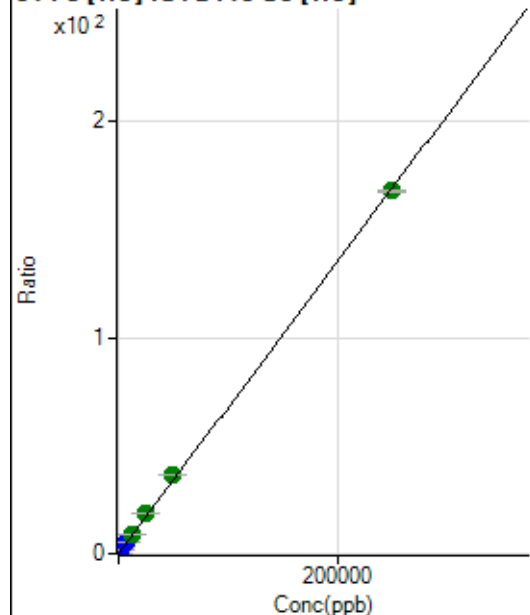
$$DL = 0.09688$$

$$BEC = 0.2185$$

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	3121.47	0.0148	P	1.1
2	☐	50.000	58.614	11446.66	0.0544	P	0.4
3	☐	2500.000	2968.431	414080.12	2.0179	P	1.1
4	☐	6250.000	7334.372	975922.26	4.9641	P	0.3
5	☐	12500.000	13531.225	1916546.93	9.1458	A	0.9
6	☐	25000.000	27822.303	3840075.53	18.7895	A	0.2
7	☐	50000.000	54035.726	7444501.76	36.4784	A	1.0
8	☐	250000.00	248827.26	35587594.19	167.9249	A	0.4

$$y = 6.7481E-004 * x + 0.0148$$

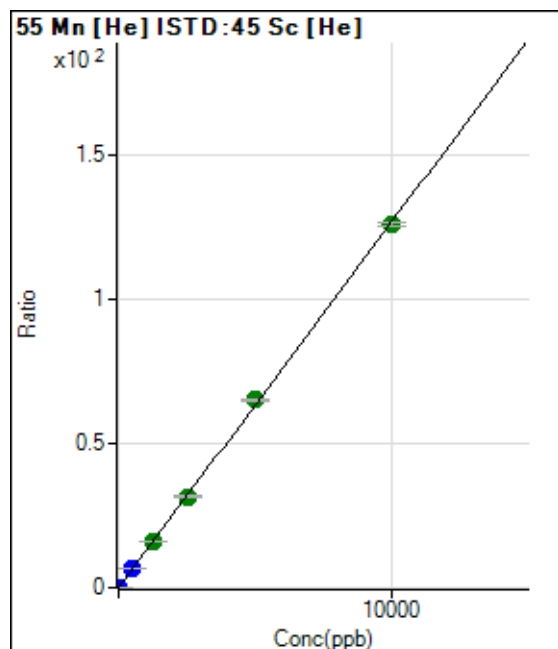
$$R = 0.9998$$

$$DL = 0.7507$$

$$BEC = 21.97$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1227.84	0.0058	P	6.0
2	☐	1.000	1.004	3911.66	0.0186	P	4.4
3	☐	500.000	519.907	1355587.76	6.6062	P	0.3
4	☐	1250.000	1278.415	3191873.25	16.2356	A	1.1
5	☐	2500.000	2489.258	6623578.16	31.6076	A	0.8
6	☐	5000.000	5143.590	13345899.39	65.3050	A	1.2
7	☐	10000.000	9926.343	25718084.06	126.0233	A	1.0
8	☐			14096.70	0.0665	P	1.0

$$y = 0.0127 * x + 0.0058$$

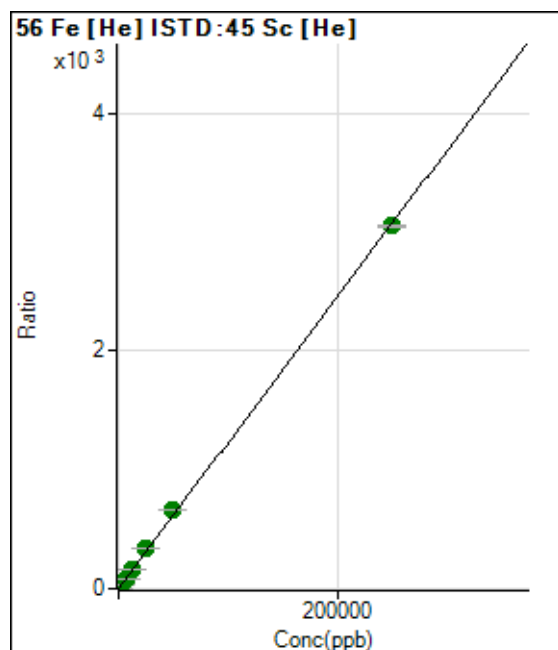
$$R = 0.9998$$

$$DL = 0.08237$$

$$BEC = 0.4593$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27909.26	0.1325	P	0.4
2	☐	50.000	57.191	175683.13	0.8346	P	0.7
3	☐	2500.000	2839.477	7179317.25	34.9878	A	0.9
4	☐	6250.000	7019.705	16966564.75	86.3012	A	0.8
5	☐	12500.000	13471.444	34680988.37	165.4980	A	0.9
6	☐	25000.000	27709.498	69542097.85	340.2738	A	0.5
7	☐	50000.000	53971.910	135234161.3	662.6517	A	0.4
8	☐	250000.00	248863.45	647429168.1	3,054.995	A	0.8

$$y = 0.0123 * x + 0.1325$$

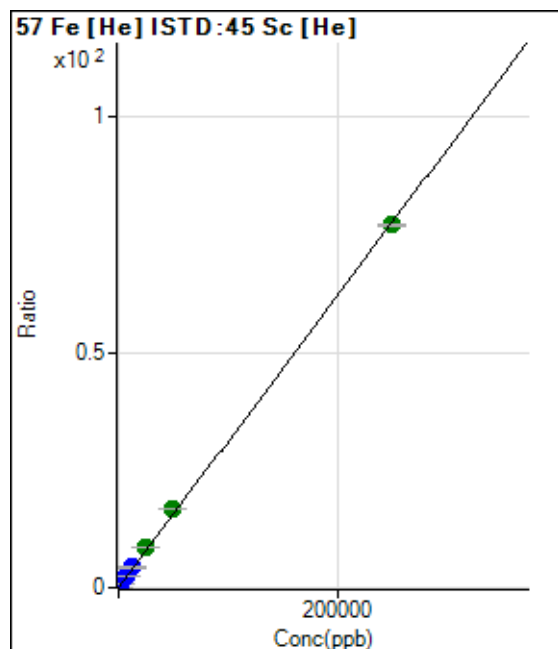
$$R = 0.9998$$

$$DL = 0.1186$$

$$BEC = 10.8$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1244.51	0.0059	P	1.4
2	☐	50.000	58.750	5070.90	0.0241	P	1.2
3	☐	2500.000	2914.516	186260.35	0.9077	P	0.8
4	☐	6250.000	7249.755	442161.92	2.2491	P	0.1
5	☐	12500.000	13866.807	900359.94	4.2965	P	0.7
6	☐	25000.000	27536.311	1742532.06	8.5260	A	1.5
7	☐	50000.000	53932.127	3406759.85	16.6933	A	0.8
8	☐	250000.00	248862.46	16320021.98	77.0076	A	0.3

$$y = 3.0941E-004 * x + 0.0059$$

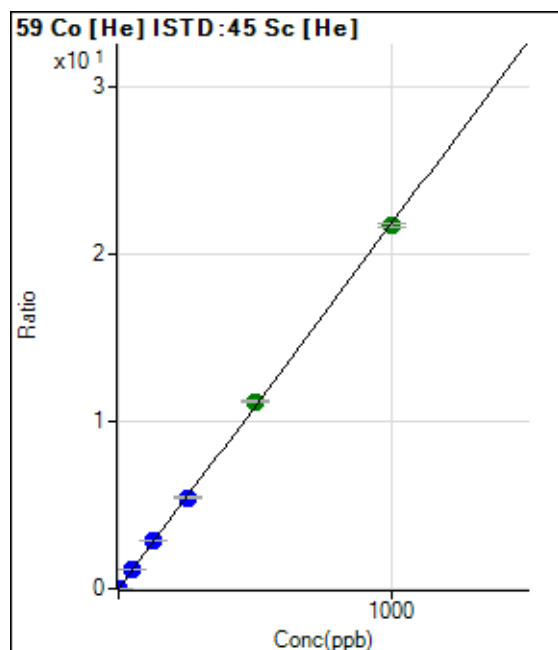
R = 0.9998

DL = 0.8123

BEC = 19.1

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0009	P	4.9
2	☐	1.000	1.051	5015.33	0.0238	P	0.9
3	☐	50.000	52.908	237205.18	1.1560	P	0.7
4	☐	125.000	130.139	558745.27	2.8421	P	0.6
5	☐	250.000	249.413	1141266.89	5.4461	P	0.9
6	☐	500.000	511.480	2282282.60	11.1676	A	0.9
7	☐	1000.000	993.619	4427152.12	21.6938	A	1.0
8	☐			12265.10	0.0579	P	0.4

$$y = 0.0218 * x + 8.7584E-004$$

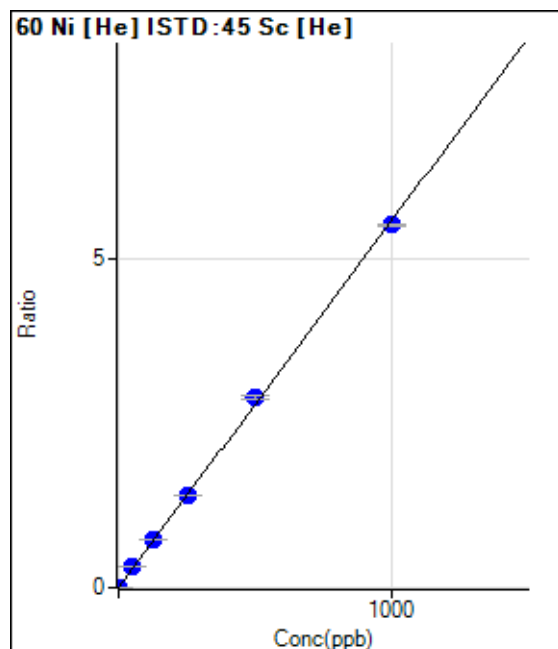
R = 0.9999

DL = 0.005955

BEC = 0.04012

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	275.56	0.0013	P	19.3
2	☐	1.000	0.849	1268.96	0.0060	P	4.2
3	☐	50.000	58.183	66668.40	0.3249	P	1.0
4	☐	125.000	131.862	144426.73	0.7346	P	0.8
5	☐	250.000	251.046	292846.15	1.3975	P	0.9
6	☐	500.000	518.756	589844.41	2.8863	P	1.3
7	☐	1000.000	989.094	1122852.61	5.5020	P	0.6
8	☐			4729.69	0.0223	P	1.4

$$y = 0.0056 * x + 0.0013$$

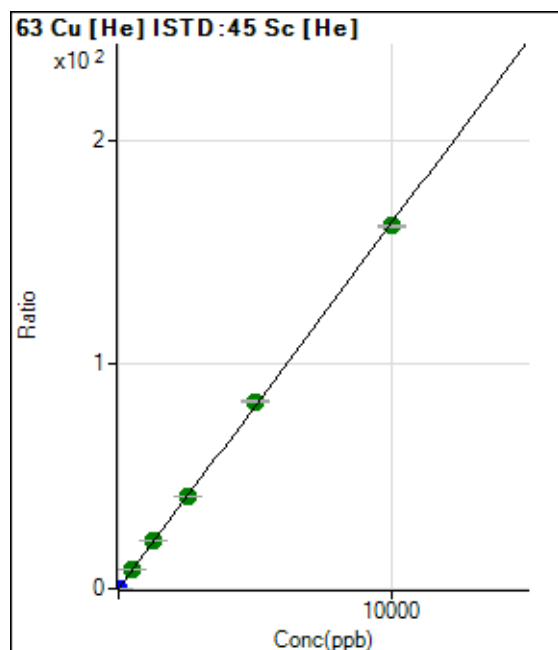
$$R = 0.9997$$

$$DL = 0.1366$$

$$BEC = 0.2354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2903.64	0.0138	P	2.2
2	☐	2.000	1.918	9480.86	0.0450	P	2.5
3	☐	500.000	533.678	1786939.92	8.7080	A	1.8
4	☐	1250.000	1313.315	4208929.73	21.4090	A	0.3
5	☐	2500.000	2509.326	8569430.78	40.8933	A	0.8
6	☐	5000.000	5123.995	17061836.13	83.4889	A	1.5
7	☐	10000.000	9926.073	33003895.06	161.7196	A	0.3
8	☐			10039.00	0.0474	P	3.2

$$y = 0.0163 * x + 0.0138$$

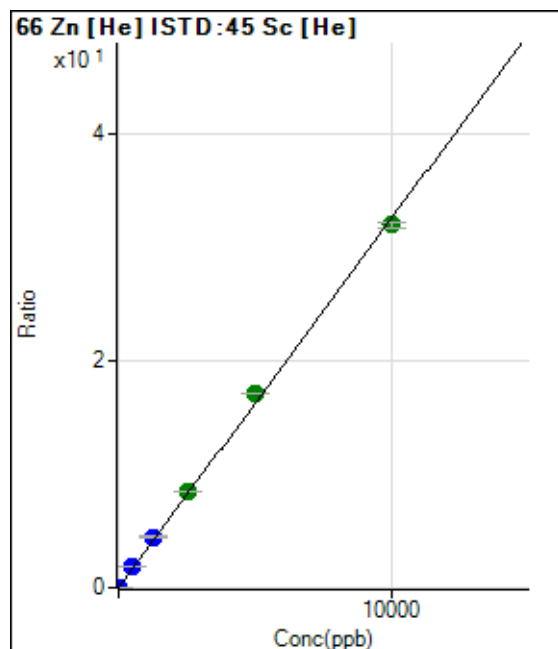
$$R = 0.9999$$

$$DL = 0.05703$$

$$BEC = 0.8465$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	423.34	0.0020	P	8.9
2	☐	5.000	4.802	3714.94	0.0176	P	1.1
3	☐	500.000	554.774	371121.84	1.8086	P	0.8
4	☐	1250.000	1378.105	882678.50	4.4898	P	0.9
5	☐	2500.000	2588.658	1766970.16	8.4319	A	0.5
6	☐	5000.000	5261.488	3502046.20	17.1359	A	0.6
7	☐	10000.000	9828.340	6532450.53	32.0078	A	1.7
8	☐			13193.67	0.0623	P	1.5

$$y = 0.0033 * x + 0.0020$$

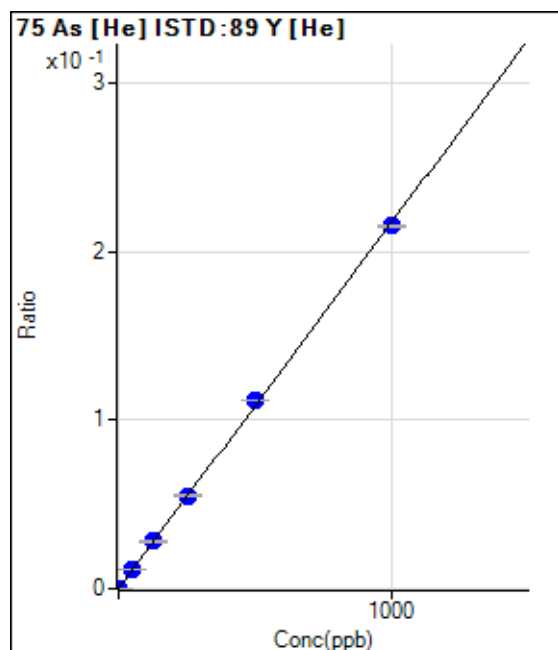
$$R = 0.9994$$

$$DL = 0.1647$$

$$BEC = 0.6173$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	18.2
2	☐	1.000	1.077	490.01	0.0003	P	5.1
3	☐	50.000	53.391	21708.19	0.0116	P	0.8
4	☐	125.000	129.444	50834.62	0.0282	P	1.8
5	☐	250.000	254.029	105419.74	0.0552	P	1.4
6	☐	500.000	515.079	209834.56	0.1120	P	0.2
7	☐	1000.000	990.728	400991.45	0.2154	P	0.5
8	☐			228.89	0.0001	P	12.1

$$y = 2.1735E-004 * x + 2.1435E-005$$

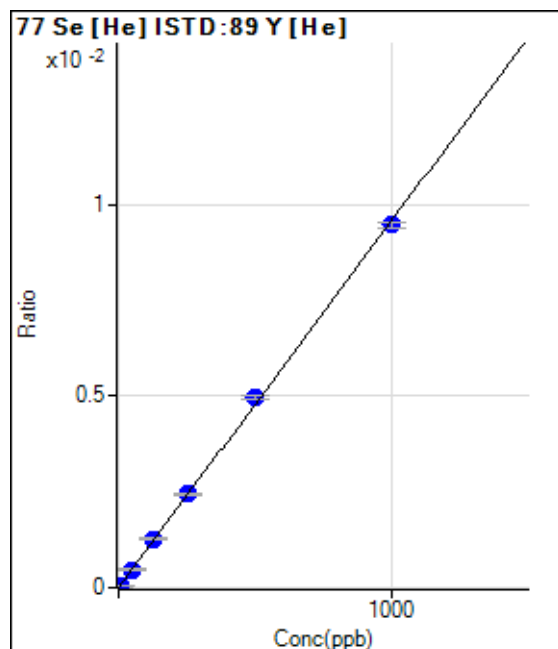
$$R = 0.9998$$

$$DL = 0.05388$$

$$BEC = 0.09862$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.843	91.11	0.0000	P	23.6
3	☐	50.000	48.583	870.04	0.0005	P	5.2
4	☐	125.000	133.449	2307.98	0.0013	P	3.3
5	☐	250.000	255.052	4659.67	0.0024	P	3.2
6	☐	500.000	517.402	9279.65	0.0050	P	2.0
7	☐	1000.000	989.052	17623.91	0.0095	P	1.5
8	☐			20.00	0.0000	P	33.0

$$y = 9.5689\text{E-}006 * x + 1.1514\text{E-}006$$

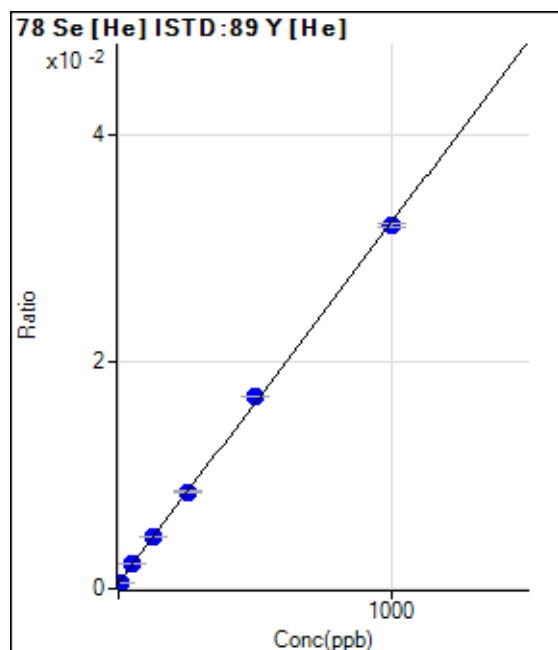
$$R = 0.9997$$

$$DL = 0.3126$$

$$BEC = 0.1203$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	921.15	0.0005	P	8.9
2	☐	5.000	3.024	1106.72	0.0006	P	4.0
3	☐	50.000	53.523	4075.05	0.0022	P	0.1
4	☐	125.000	130.666	8369.10	0.0046	P	0.8
5	☐	250.000	252.728	16253.44	0.0085	P	1.9
6	☐	500.000	518.275	31780.79	0.0170	P	0.2
7	☐	1000.000	989.306	59462.26	0.0319	P	1.0
8	☐			885.59	0.0005	P	8.3

$$y = 3.1795\text{E-}005 * x + 4.8071\text{E-}004$$

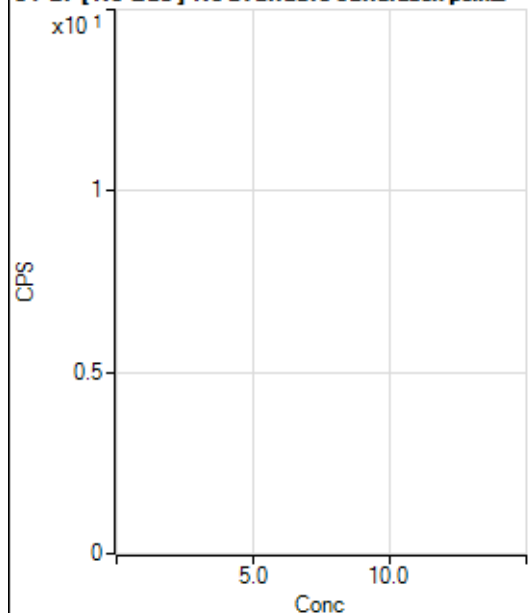
$$R = 0.9997$$

$$DL = 4.025$$

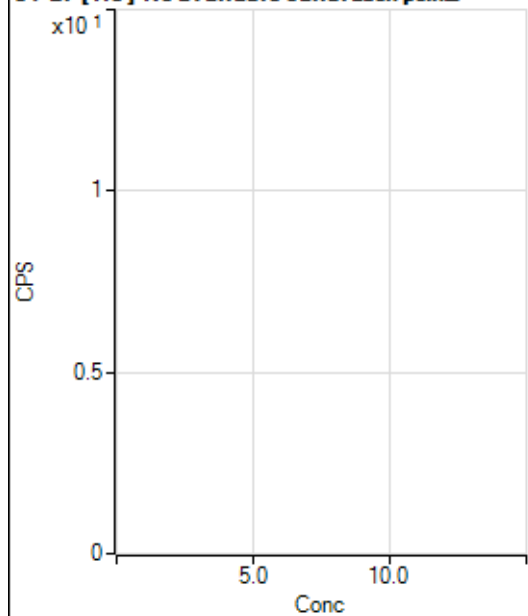
$$BEC = 15.12$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

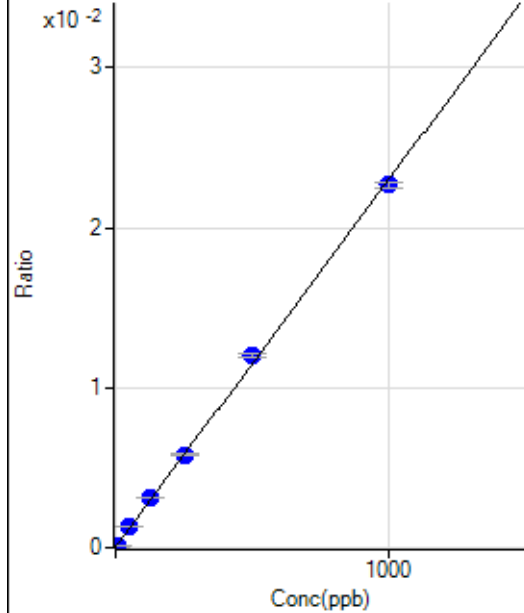
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37275.96		P	0.6
2	☐			37674.71		P	1.1
3	☐			36367.00		P	1.1
4	☐			32691.81		P	0.9
5	☐			35914.85		P	1.3
6	☐			35442.60		P	0.3
7	☐			35674.23		P	0.8
8	☐			36283.47		P	2.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			274.45		P	0.7
2	☐			244.45		P	12.9
3	☐			175.56		P	6.1
4	☐			146.67		P	10.4
5	☐			284.45		P	3.8
6	☐			200.00		P	10.1
7	☐			225.56		P	20.8
8	☐			268.89		P	11.5

Calibration for 008CAL.S.d

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.75	0.0000	P	30.9
2	☐	5.000	5.451	948.78	0.0001	P	5.6
3	☐	50.000	54.761	7985.01	0.0013	P	1.6
4	☐	125.000	134.938	19043.49	0.0031	P	2.7
5	☐	250.000	252.868	37581.90	0.0058	P	0.9
6	☐	500.000	522.420	74159.67	0.0120	P	1.6
7	☐	1000.000	986.591	140293.68	0.0227	P	1.5
8	☐			365.86	0.0001	P	17.7

$$y = 2.2951E-005 * x + 2.2869E-005$$

R = 0.9996

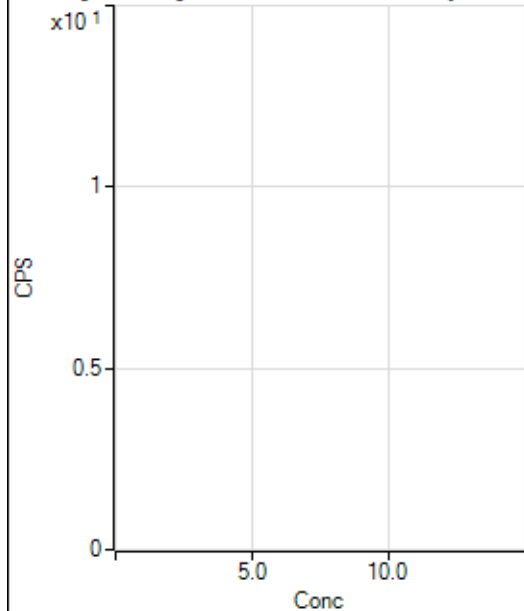
DL = 0.9244

BEC = 0.9964

Weight: <None>

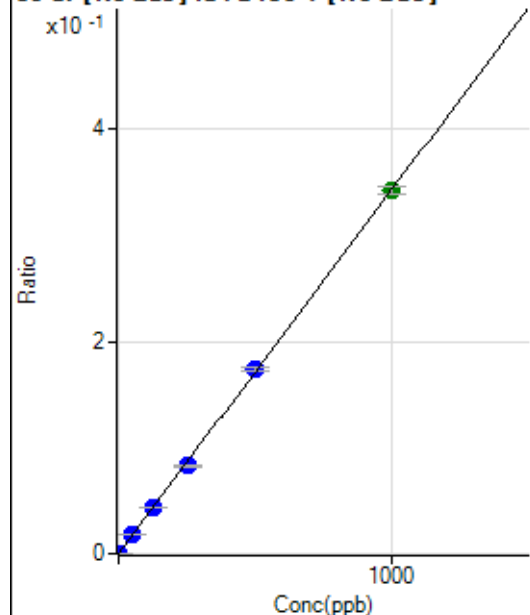
Min Conc: 0

83 Kr [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			424.46		P	13.4
2	☐			397.79		P	18.3
3	☐			406.68		P	9.2
4	☐			398.90		P	8.5
5	☐			386.68		P	5.2
6	☐			394.45		P	6.0
7	☐			384.45		P	3.0
8	☐			455.57		P	9.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	667.80	0.0001	P	5.8
2	☐	1.000	1.010	2885.87	0.0005	P	1.5
3	☐	50.000	51.963	111841.63	0.0179	P	0.3
4	☐	125.000	127.038	266573.85	0.0437	P	2.0
5	☐	250.000	241.441	534709.96	0.0829	P	1.8
6	☐	500.000	508.226	1076600.35	0.1744	P	1.5
7	☐	1000.000	997.674	2118288.01	0.3422	A	2.2
8	☐			7742.11	0.0013	P	1.0

$$y = 3.4294E-004 * x + 1.0398E-004$$

$$R = 0.9999$$

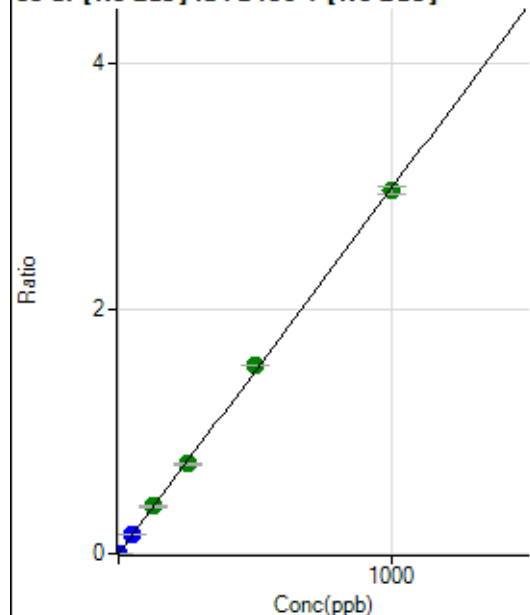
$$DL = 0.05254$$

$$BEC = 0.3032$$

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	141.12	0.0000	P	7.7
2	☐	1.000	1.028	19782.27	0.0031	P	1.4
3	☐	50.000	52.133	969739.00	0.1554	P	0.8
4	☐	125.000	129.653	2359129.72	0.3865	A	2.2
5	☐	250.000	244.997	4710179.48	0.7303	A	1.5
6	☐	500.000	515.020	9478187.99	1.5351	A	0.4
7	☐	1000.000	993.052	18320491.81	2.9600	A	2.1
8	☐			61902.89	0.0101	P	0.8

$$y = 0.0030 * x + 2.1970E-005$$

$$R = 0.9998$$

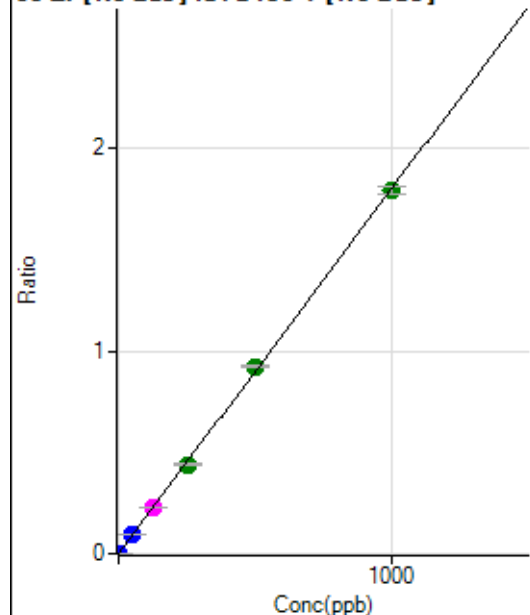
$$DL = 0.001695$$

$$BEC = 0.007371$$

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	341.12	0.0001	P	10.9
2	☐	1.000	1.065	12634.42	0.0020	P	1.6
3	☐	50.000	51.604	580197.09	0.0930	P	0.3
4	☐	125.000	126.302	1388775.45	0.2275	M	1.9
5	☐	250.000	243.665	2830488.78	0.4389	A	2.0
6	☐	500.000	513.541	5709661.93	0.9249	A	1.4
7	☐	1000.000	994.570	11086204.14	1.7911	A	2.1
8	☐			5351.02	0.0009	P	2.1

$$y = 0.0018 * x + 5.3123E-005$$

$$R = 0.9998$$

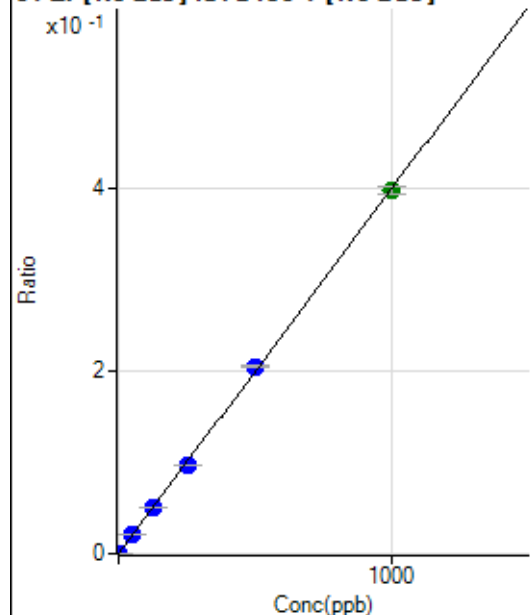
$$DL = 0.009629$$

$$BEC = 0.0295$$

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	65.56	0.0000	P	11.6
2	☐	1.000	1.025	2691.38	0.0004	P	3.5
3	☐	50.000	51.957	129665.31	0.0208	P	0.4
4	☐	125.000	127.590	311423.37	0.0510	P	1.7
5	☐	250.000	242.966	626530.96	0.0971	P	1.4
6	☐	500.000	513.547	1267374.71	0.2053	P	1.8
7	☐	1000.000	994.563	2460893.26	0.3976	A	2.2
8	☐			1106.72	0.0002	P	9.6

$$y = 3.9976E-004 * x + 1.0205E-005$$

$$R = 0.9998$$

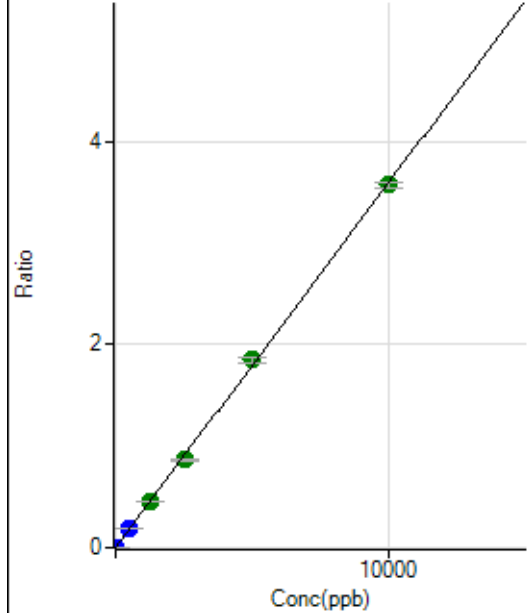
$$DL = 0.008915$$

$$BEC = 0.02553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	10.3
2	☐	5.000	6.058	14085.74	0.0022	P	1.9
3	☐	500.000	521.849	1168777.82	0.1873	P	0.1
4	☐	1250.000	1270.619	2784101.66	0.4560	A	1.3
5	☐	2500.000	2410.772	5580511.72	0.8652	A	2.1
6	☐	5000.000	5144.690	11397340.52	1.8464	A	2.6
7	☐	10000.000	9946.292	22094822.17	3.5697	A	1.5
8	☐			5263.22	0.0009	P	2.5

$$y = 3.5890E-004 * x + 2.3354E-005$$

$$R = 0.9998$$

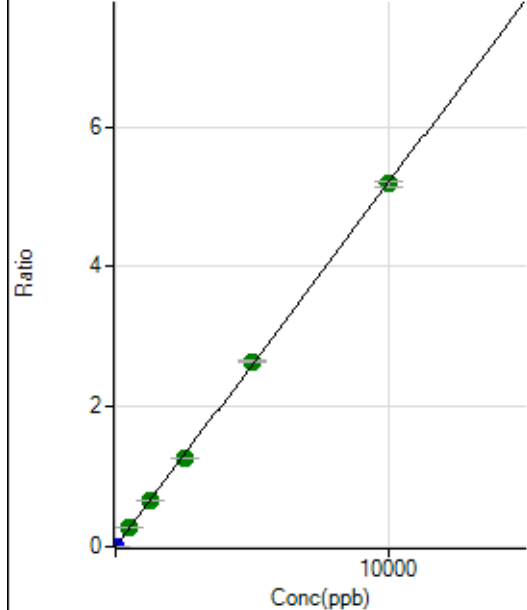
$$DL = 0.02002$$

$$BEC = 0.06507$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	24.5
2	☐	5.000	5.013	16800.85	0.0026	P	1.7
3	☐	500.000	523.563	1698749.32	0.2722	A	0.8
4	☐	1250.000	1268.522	4027143.17	0.6596	A	1.0
5	☐	2500.000	2429.584	8148506.96	1.2633	A	0.9
6	☐	5000.000	5093.905	16351592.53	2.6487	A	1.3
7	☐	10000.000	9967.158	32077518.13	5.1826	A	1.6
8	☐			4691.92	0.0008	P	11.5

$$y = 5.1997E-004 * x + 1.4368E-005$$

$$R = 0.9999$$

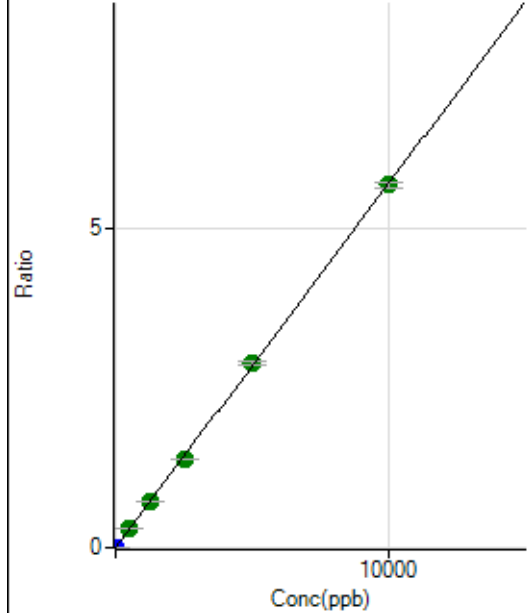
$$DL = 0.0203$$

$$BEC = 0.02763$$

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	241.11	0.0000	P	3.6
2	☐	5.000	5.028	18581.94	0.0029	P	2.7
3	☐	500.000	517.580	1837756.73	0.2945	A	0.6
4	☐	1250.000	1274.631	4427498.06	0.7253	A	1.4
5	☐	2500.000	2428.203	8911294.73	1.3816	A	1.2
6	☐	5000.000	5087.719	17868663.34	2.8948	A	2.3
7	☐	10000.000	9970.132	35111268.37	5.6727	A	1.3
8	☐			21660.61	0.0035	P	2.3

$$y = 5.6897E-004 * x + 3.7540E-005$$

$$R = 0.9999$$

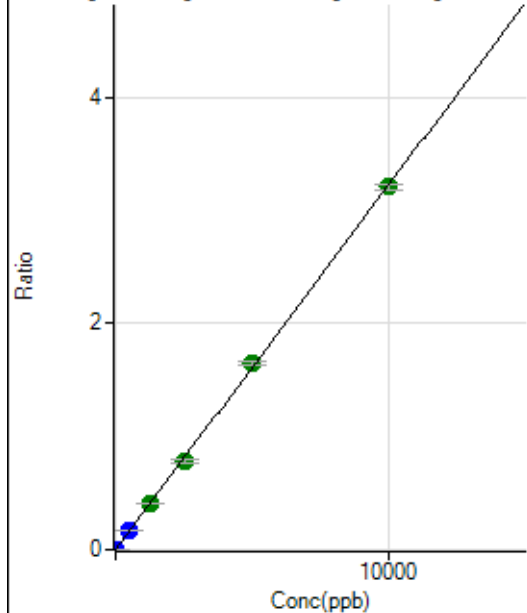
$$DL = 0.007032$$

$$BEC = 0.06598$$

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	64.45	0.0000	P	6.4
2	☐	5.000	5.045	10492.73	0.0016	P	2.7
3	☐	500.000	518.981	1044397.31	0.1674	P	0.1
4	☐	1250.000	1273.144	2506374.96	0.4106	A	2.0
5	☐	2500.000	2429.645	5053593.85	0.7836	A	2.5
6	☐	5000.000	5121.421	10195954.92	1.6517	A	1.6
7	☐	10000.000	9953.036	19867020.95	3.2098	A	1.9
8	☐			2900.31	0.0005	P	3.4

$$y = 3.2250E-004 * x + 1.0035E-005$$

$$R = 0.9999$$

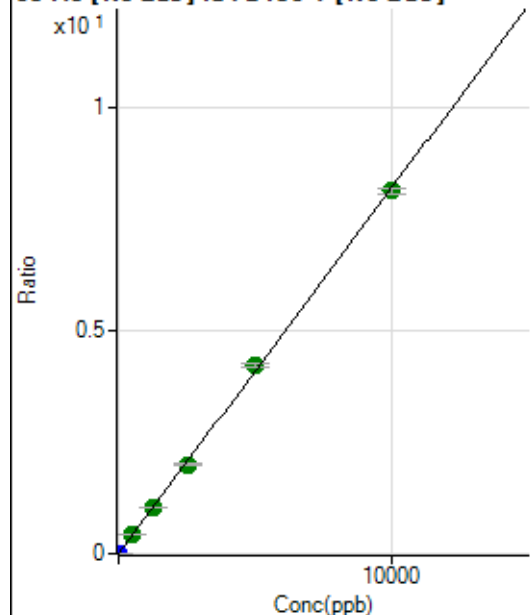
$$DL = 0.005992$$

$$BEC = 0.03112$$

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	132.23	0.0000	P	3.7
2	☐	5.000	5.047	26638.77	0.0042	P	0.4
3	☐	500.000	518.359	2649988.00	0.4247	A	1.0
4	☐	1250.000	1277.154	6388909.14	1.0464	A	0.1
5	☐	2500.000	2443.532	12912379.95	2.0019	A	1.3
6	☐	5000.000	5170.049	26145107.66	4.2357	A	2.5
7	☐	10000.000	9924.780	50327312.58	8.1311	A	1.3
8	☐			6228.11	0.0010	P	1.8

$$y = 8.1927E-004 * x + 2.0585E-005$$

$$R = 0.9998$$

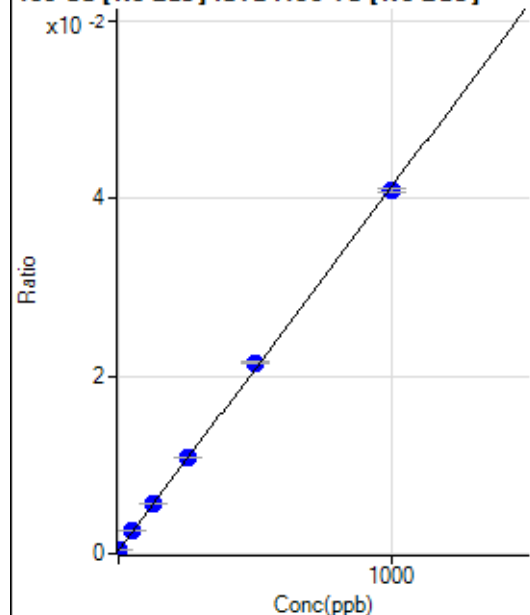
$$DL = 0.00277$$

$$BEC = 0.02513$$

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	1581.21	0.0004	P	8.5
2	☐	1.000	1.347	1840.14	0.0004	P	1.3
3	☐	50.000	54.828	11377.87	0.0026	P	3.4
4	☐	125.000	130.343	25079.50	0.0057	P	0.5
5	☐	250.000	255.852	49408.11	0.0108	P	1.9
6	☐	500.000	516.816	96000.02	0.0215	P	0.6
7	☐	1000.000	989.220	182443.14	0.0409	P	1.0
8	☐			1581.21	0.0004	P	8.7

$$y = 4.0943E-005 * x + 3.5053E-004$$

$$R = 0.9998$$

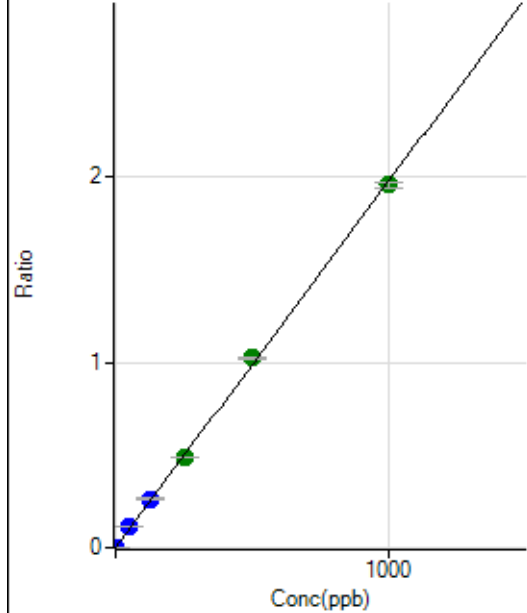
$$DL = 2.187$$

$$BEC = 8.561$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	57.3
2	☐	1.000	1.113	9999.09	0.0022	P	2.1
3	☐	50.000	56.075	485377.33	0.1107	P	0.7
4	☐	125.000	132.939	1157034.55	0.2624	P	2.6
5	☐	250.000	247.369	2229034.13	0.4883	A	1.1
6	☐	500.000	517.652	4560758.61	1.0219	A	0.3
7	☐	1000.000	990.535	8732154.03	1.9554	A	1.6
8	☐			545.57	0.0001	P	15.8

$$y = 0.0020 * x + 8.1490E-006$$

$$R = 0.9997$$

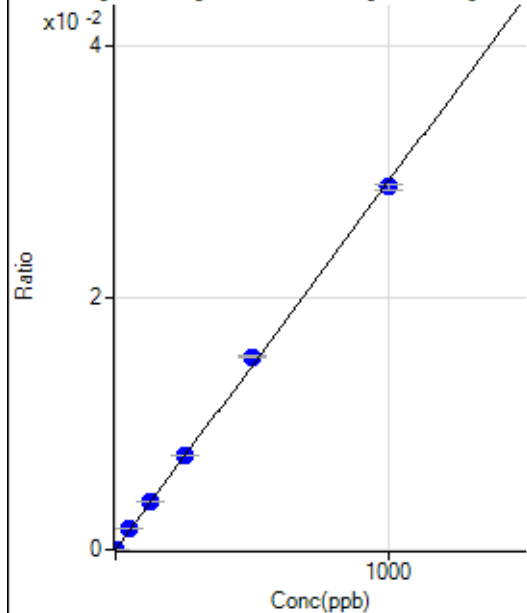
$$DL = 0.007093$$

$$BEC = 0.004128$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	32.1
2	☐	1.000	1.040	153.33	0.0000	P	9.1
3	☐	50.000	56.845	7298.58	0.0017	P	4.3
4	☐	125.000	130.579	16842.08	0.0038	P	1.8
5	☐	250.000	255.869	34144.64	0.0075	P	1.8
6	☐	500.000	524.411	68412.65	0.0153	P	1.2
7	☐	1000.000	985.288	128608.73	0.0288	P	1.4
8	☐			67.78	0.0000	P	2.5

$$y = 2.9225E-005 * x + 3.4439E-006$$

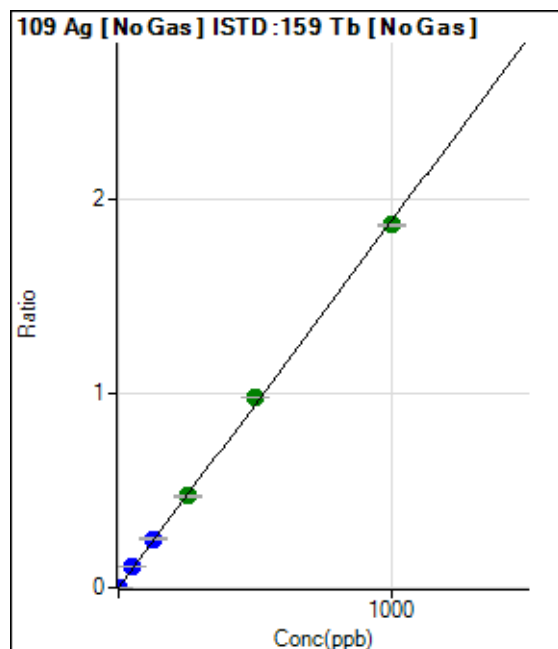
$$R = 0.9995$$

$$DL = 0.1134$$

$$BEC = 0.1178$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.45	0.0000	P	20.0
2	☐	1.000	1.080	9265.27	0.0020	P	1.8
3	☐	50.000	56.040	463168.60	0.1056	P	0.8
4	☐	125.000	132.836	1104026.00	0.2504	P	2.0
5	☐	250.000	250.009	2150913.67	0.4713	A	1.5
6	☐	500.000	517.776	4355902.23	0.9760	A	0.2
7	☐	1000.000	989.828	8332305.43	1.8658	A	0.8
8	☐			481.13	0.0001	P	3.5

$$y = 0.0019 * x + 7.6344E-006$$

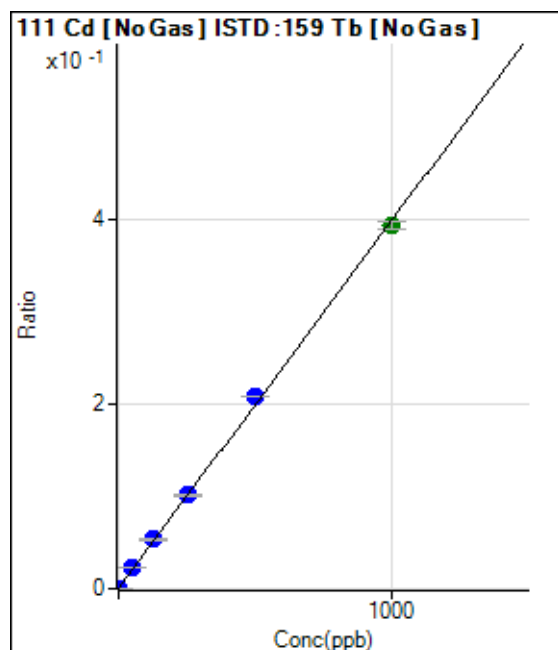
$$R = 0.9997$$

$$DL = 0.002428$$

$$BEC = 0.00405$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1184.85	0.0003	P	7.5
2	☐	1.000	1.020	3030.90	0.0007	P	5.1
3	☐	50.000	55.307	97515.73	0.0222	P	0.7
4	☐	125.000	132.792	233787.51	0.0530	P	3.1
5	☐	250.000	254.979	463665.55	0.1016	P	1.7
6	☐	500.000	522.277	927480.00	0.2078	P	0.5
7	☐	1000.000	986.377	1751657.07	0.3923	A	2.1
8	☐			1362.75	0.0003	P	7.0

$$y = 3.9741E-004 * x + 2.6268E-004$$

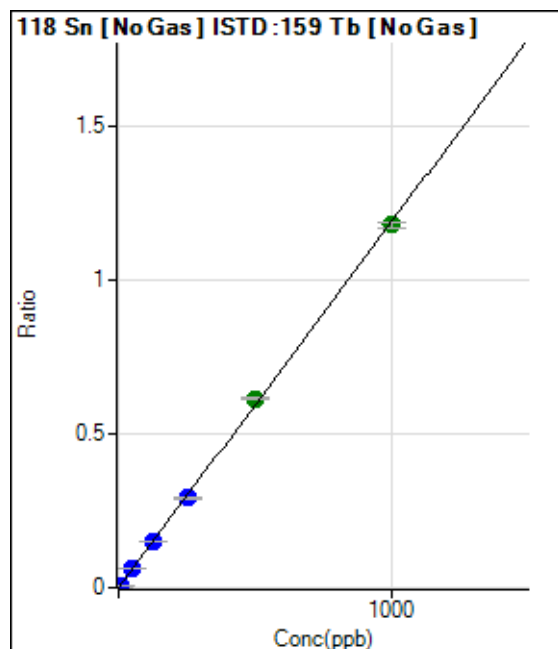
$$R = 0.9996$$

$$DL = 0.1493$$

$$BEC = 0.661$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	960.04	0.0002	P	3.9
2	☐	5.000	5.235	29138.34	0.0064	P	1.6
3	☐	50.000	53.030	276775.38	0.0631	P	1.0
4	☐	125.000	127.491	667849.00	0.1515	P	1.8
5	☐	250.000	245.307	1329219.95	0.2913	P	2.2
6	☐	500.000	517.704	2742177.15	0.6144	A	1.0
7	☐	1000.000	991.857	5256134.82	1.1770	A	1.7
8	☐			1933.48	0.0004	P	1.6

$$y = 0.0012 * x + 2.1288E-004$$

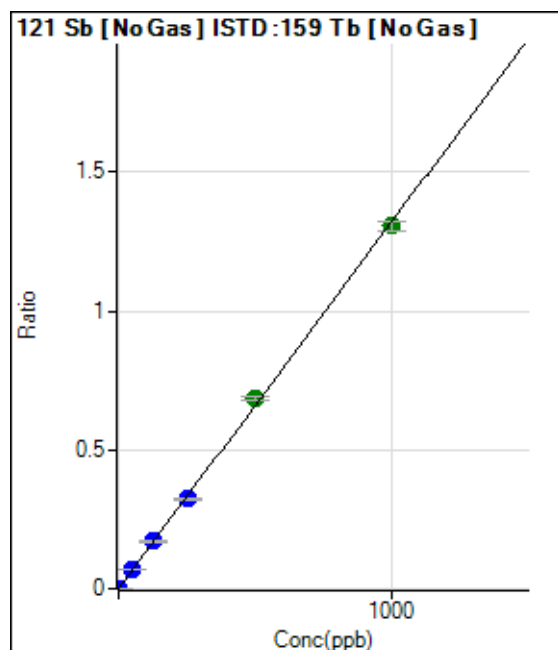
R = 0.9998

DL = 0.02094

BEC = 0.1794

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.44	0.0000	P	26.6
2	☐	2.000	2.111	12684.59	0.0028	P	4.1
3	☐	50.000	53.467	309457.53	0.0706	P	0.5
4	☐	125.000	128.804	749537.89	0.1700	P	2.7
5	☐	250.000	246.004	1481984.79	0.3247	P	1.8
6	☐	500.000	521.220	3070403.95	0.6880	A	1.8
7	☐	1000.000	989.740	5833455.40	1.3064	A	2.8
8	☐			2279.09	0.0005	P	4.1

$$y = 0.0013 * x + 9.8555E-006$$

R = 0.9997

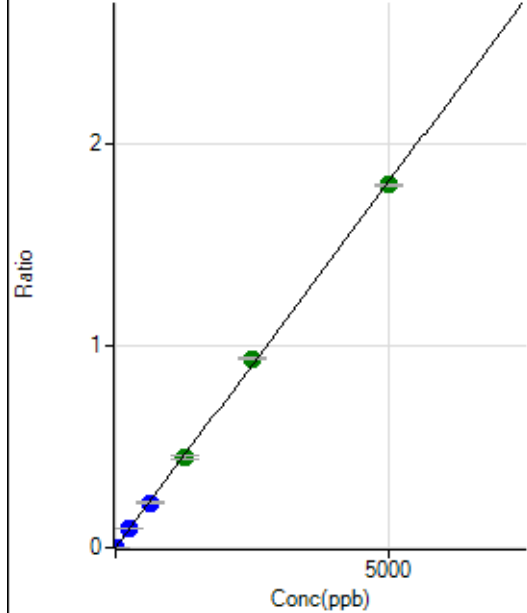
DL = 0.005959

BEC = 0.007467

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	68.89	0.0000	P	7.3
2	☐	10.000	9.671	15993.49	0.0035	P	1.2
3	☐	250.000	256.122	407657.60	0.0930	P	0.5
4	☐	625.000	615.387	984871.02	0.2234	P	2.2
5	☐	1250.000	1231.716	2040228.53	0.4471	A	3.7
6	☐	2500.000	2588.529	4193198.31	0.9396	A	1.2
7	☐	5000.000	4961.202	8042285.09	1.8008	A	0.9
8	☐			3335.98	0.0008	P	3.1

$$y = 3.6297E-004 * x + 1.5272E-005$$

$$R = 0.9998$$

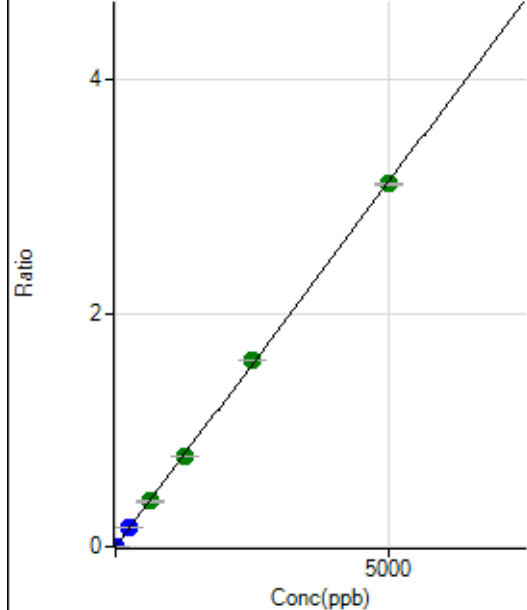
$$DL = 0.0092$$

$$BEC = 0.04207$$

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	98.89	0.0000	P	42.4
2	☐	10.000	9.722	27678.09	0.0061	P	0.6
3	☐	250.000	259.314	711018.03	0.1622	P	0.4
4	☐	625.000	628.837	1733520.93	0.3932	A	3.1
5	☐	1250.000	1237.891	3532889.32	0.7741	A	1.4
6	☐	2500.000	2556.171	7133508.92	1.5984	A	0.3
7	☐	5000.000	4973.997	13890072.99	3.1103	A	0.4
8	☐			5857.92	0.0014	P	3.1

$$y = 6.2530E-004 * x + 2.1955E-005$$

$$R = 0.9999$$

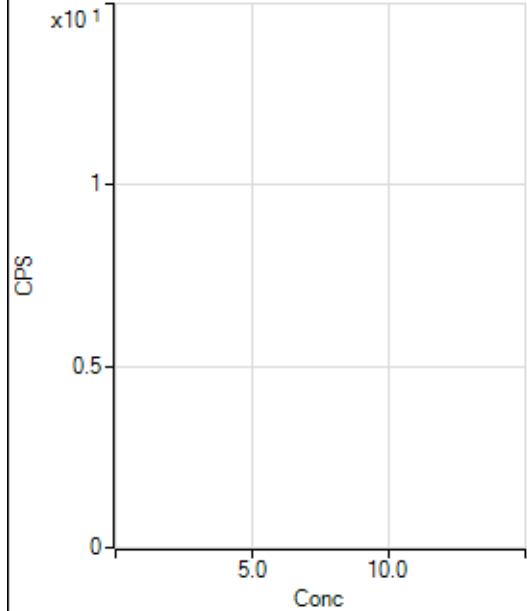
$$DL = 0.04466$$

$$BEC = 0.03511$$

Weight: <None>

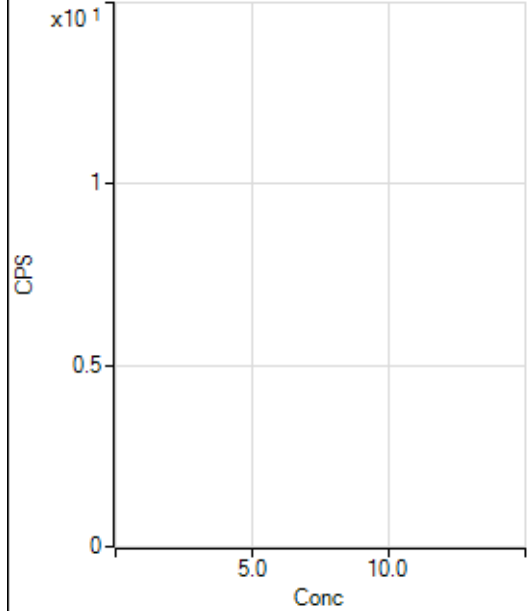
Min Conc: 0

150 Nd [No Gas] No available calibration points

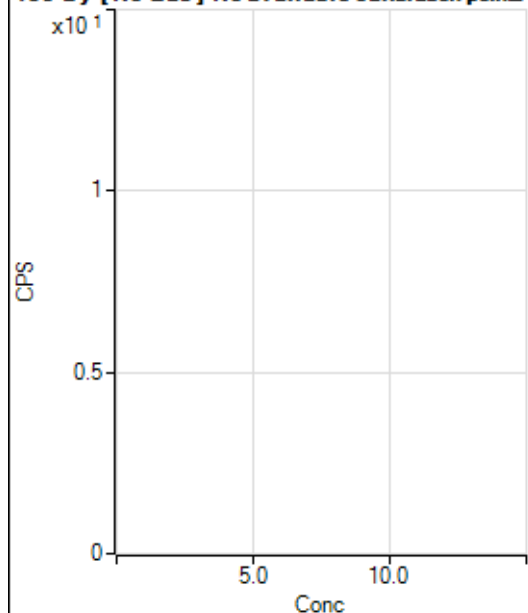


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	100.
3	☐			31.11		P	40.6
4	☐			56.67		P	35.3
5	☐			134.45		P	12.5
6	☐			223.34		P	11.3
7	☐			420.01		P	7.3
8	☐			124.44		P	11.2

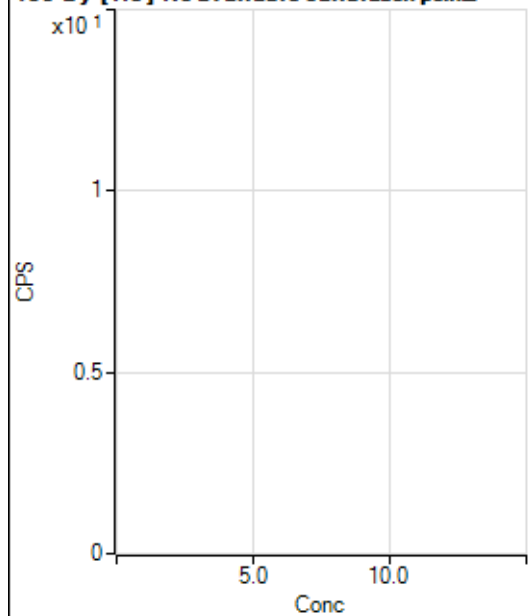
150 Nd [He] No available calibration points



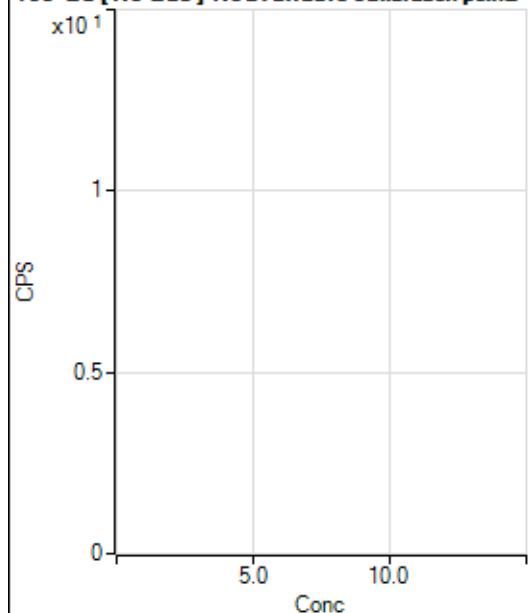
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			16.67		P	52.9
4	☐			20.00		P	16.7
5	☐			35.56		P	14.3
6	☐			62.22		P	36.5
7	☐			147.78		P	21.0
8	☐			90.00		P	6.4

156 Dy [No Gas] No available calibration points

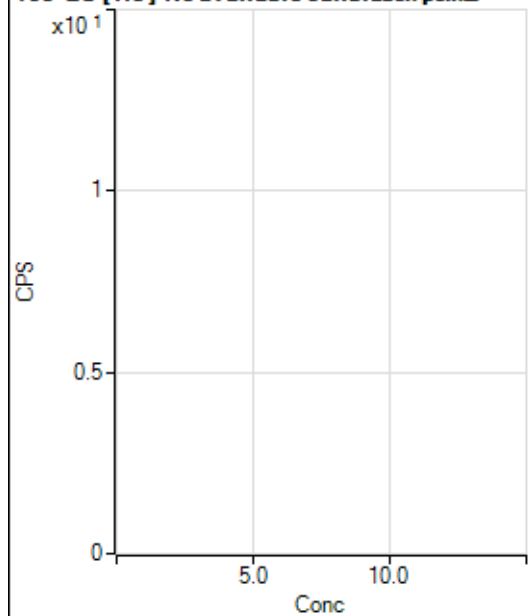
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐			4.44		P	114.
3	☐			13.33		P	90.2
4	☐			21.11		P	32.9
5	☐			34.44		P	29.6
6	☐			81.11		P	31.9
7	☐			138.89		P	5.5
8	☐			190.00		P	11.0

156 Dy [He] No available calibration points

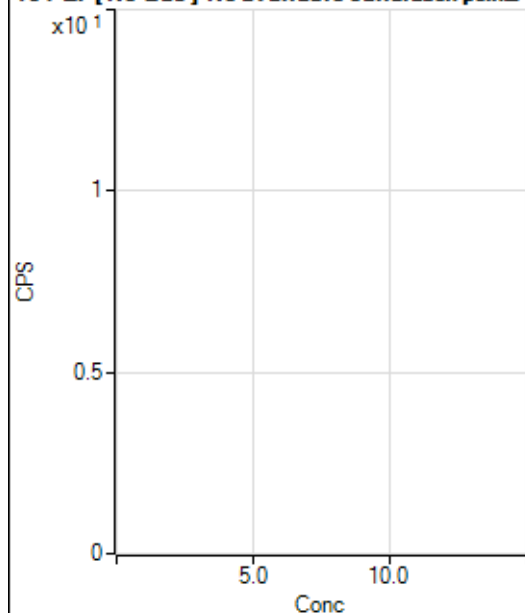
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			17.78		P	57.3
4	☐			56.67		P	10.2
5	☐			116.67		P	2.9
6	☐			261.12		P	7.0
7	☐			445.57		P	17.4
8	☐			200.00		P	4.4

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

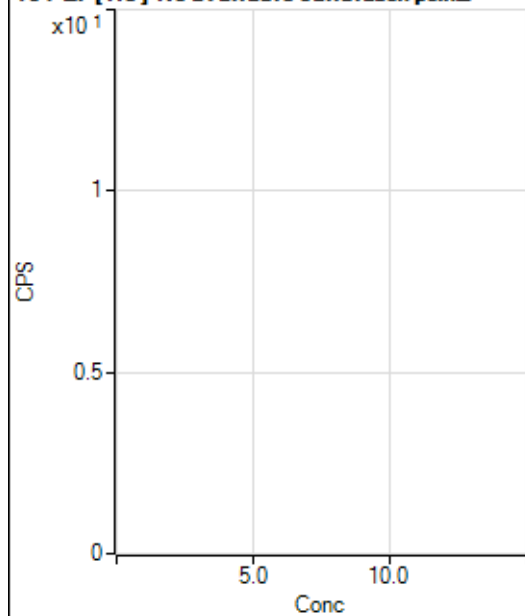
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	10.2
2	☐			16.67		P	87.2
3	☐			24.45		P	28.4
4	☐			17.78		P	39.0
5	☐			41.11		P	26.1
6	☐			52.22		P	25.8
7	☐			70.00		P	14.3
8	☐			213.34		P	10.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			194.45		P	10.0
2	☐			202.22		P	3.4
3	☐			191.11		P	11.6
4	☐			190.00		P	7.6
5	☐			202.23		P	13.7
6	☐			213.34		P	16.5
7	☐			255.56		P	12.5
8	☐			348.90		P	4.8

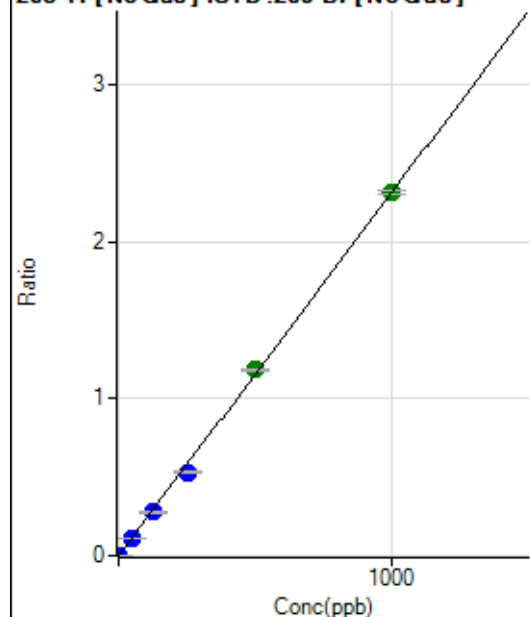
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	14.3
2	☐			33.33		P	10.0
3	☐			14.44		P	13.4
4	☐			33.33		P	26.5
5	☐			60.00		P	5.5
6	☐			53.33		P	43.3
7	☐			108.89		P	22.6
8	☐			247.78		P	20.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.55		P	27.1
2	☐			25.56		P	32.8
3	☐			16.67		P	NaN
4	☐			25.56		P	30.1
5	☐			52.22		P	16.1
6	☐			67.78		P	20.5
7	☐			86.67		P	20.0
8	☐			233.34		P	8.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	351.12	0.0001	P	13.9
2	☐	1.000	0.946	5924.68	0.0023	P	3.9
3	☐	50.000	49.171	284760.36	0.1136	P	0.7
4	☐	125.000	119.440	699314.55	0.2758	P	1.7
5	☐	250.000	228.799	1379506.26	0.5282	P	1.6
6	☐	500.000	512.294	2992979.96	1.1826	A	0.8
7	☐	1000.000	999.890	5736389.29	2.3080	A	0.9
8	☐			645.58	0.0003	P	10.2

$$y = 0.0023 * x + 1.3836E-004$$

$$R = 0.9996$$

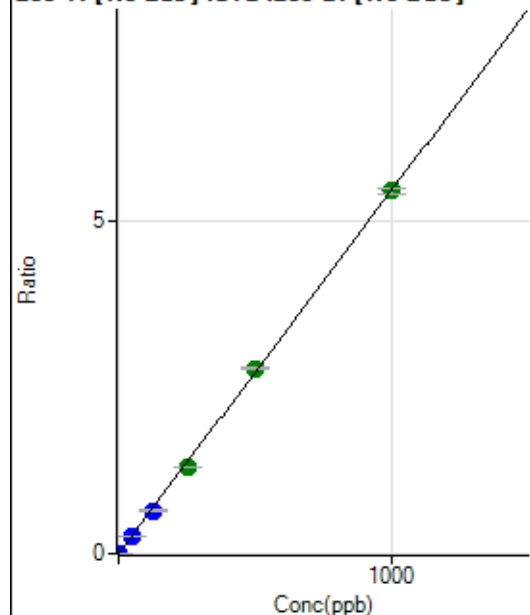
$$DL = 0.02507$$

$$BEC = 0.05994$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	855.59	0.0003	P	3.4
2	☐	1.000	0.947	14045.12	0.0055	P	0.6
3	☐	50.000	48.579	665070.54	0.2654	P	1.4
4	☐	125.000	118.501	1640231.59	0.6469	P	1.3
5	☐	250.000	237.228	3381675.96	1.2947	A	1.1
6	☐	500.000	509.852	7041326.91	2.7822	A	0.9
7	☐	1000.000	999.151	13551221.19	5.4520	A	1.6
8	☐			1573.44	0.0007	P	5.7

$$y = 0.0055 * x + 3.3727E-004$$

$$R = 0.9998$$

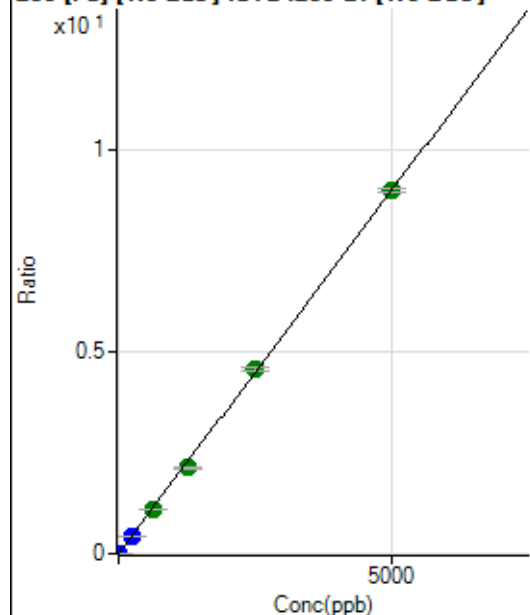
$$DL = 0.006353$$

$$BEC = 0.06181$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	966.71	0.0004	P	6.7
2	☐	1.000	0.832	4787.56	0.0019	P	3.8
3	☐	250.000	250.011	1127458.59	0.4499	P	0.5
4	☐	625.000	616.427	2811151.07	1.1087	A	1.7
5	☐	1250.000	1184.318	5562294.98	2.1298	A	1.2
6	☐	2500.000	2540.521	11562465.10	4.5682	A	1.5
7	☐	5000.000	4997.231	22332889.39	8.9854	A	1.2
8	☐			10524.16	0.0047	P	2.6

$$y = 0.0018 * x + 3.8111E-004$$

R = 0.9999

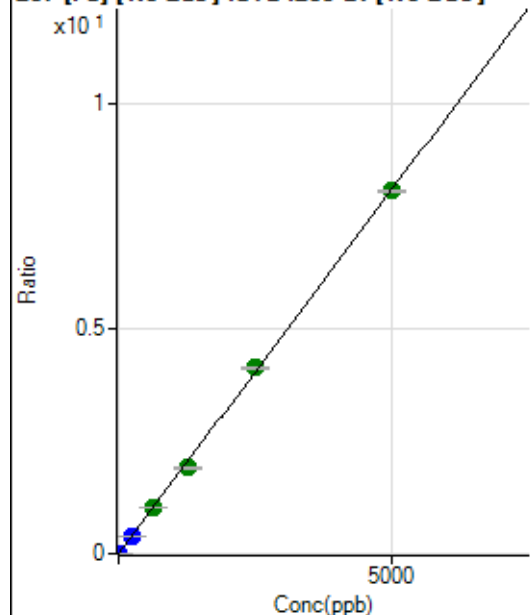
DL = 0.04245

BEC = 0.212

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	887.82	0.0004	P	3.8
2	☐	1.000	0.820	4276.28	0.0017	P	4.7
3	☐	250.000	244.804	993686.63	0.3965	P	0.6
4	☐	625.000	628.170	2578412.88	1.0169	A	0.9
5	☐	1250.000	1186.299	5014585.79	1.9202	A	1.8
6	☐	2500.000	2554.187	10462664.91	4.1338	A	1.5
7	☐	5000.000	4988.695	20066150.67	8.0737	A	0.7
8	☐			9205.41	0.0041	P	3.8

$$y = 0.0016 * x + 3.5002E-004$$

R = 0.9998

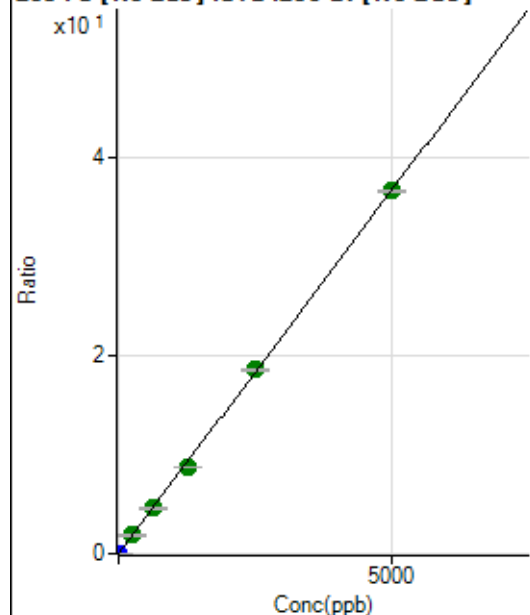
DL = 0.02447

BEC = 0.2163

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	3972.49	0.0016	P	2.3
2	☐	1.000	0.810	19145.43	0.0075	P	3.2
3	☐	250.000	251.656	4625640.89	1.8458	A	0.6
4	☐	625.000	622.367	11568439.62	4.5625	A	1.2
5	☐	1250.000	1190.892	22796395.45	8.7289	A	1.8
6	☐	2500.000	2536.649	47054301.59	18.5912	A	0.9
7	☐	5000.000	4996.699	91012346.00	36.6195	A	0.7
8	☐			41769.81	0.0187	P	2.4

$$y = 0.0073 * x + 0.0016$$

R = 0.9999

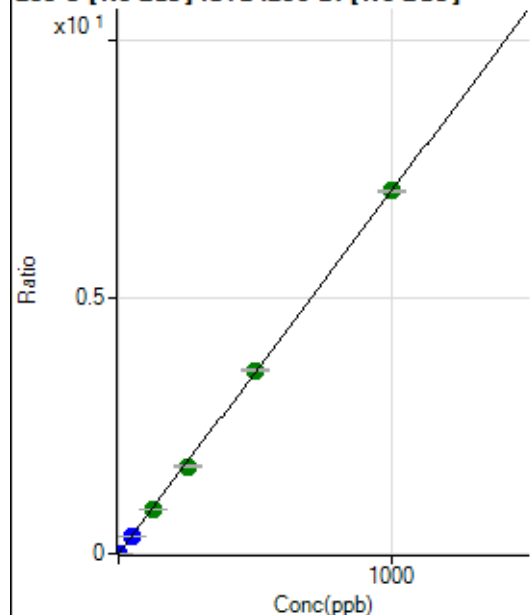
DL = 0.01452

BEC = 0.2137

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	368.90	0.0001	P	11.9
2	☐	1.000	0.915	16874.10	0.0066	P	1.7
3	☐	50.000	47.120	834806.90	0.3331	P	0.6
4	☐	125.000	122.772	2200121.77	0.8677	A	1.9
5	☐	250.000	239.150	4413729.38	1.6901	A	1.9
6	☐	500.000	505.820	9046953.55	3.5745	A	0.9
7	☐	1000.000	1000.225	17567713.21	7.0683	A	0.7
8	☐			870.04	0.0004	P	6.2

$$y = 0.0071 * x + 1.4533E-004$$

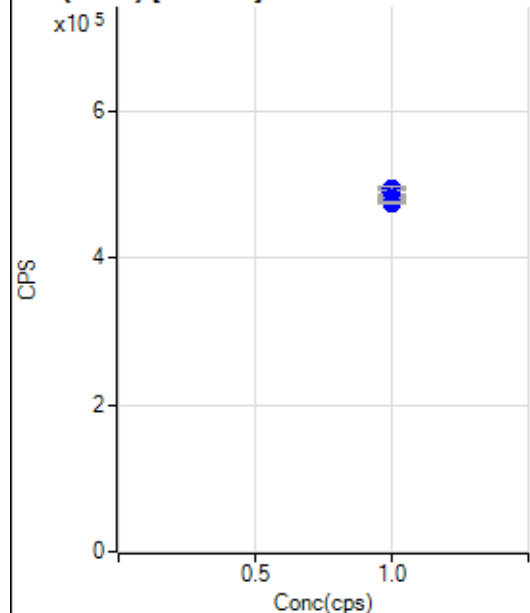
R = 0.9999

DL = 0.007365

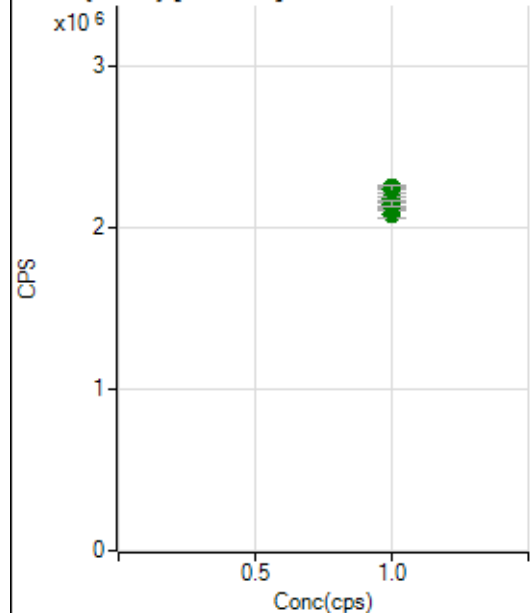
BEC = 0.02057

Weight: <None>

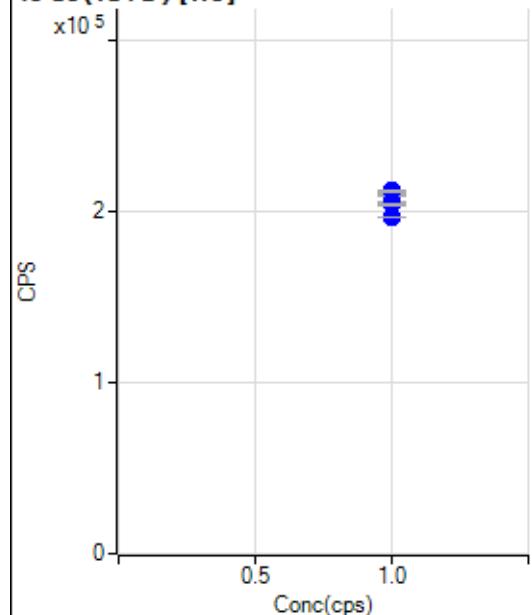
Min Conc: 0

6 Li (ISTD) [No Gas]

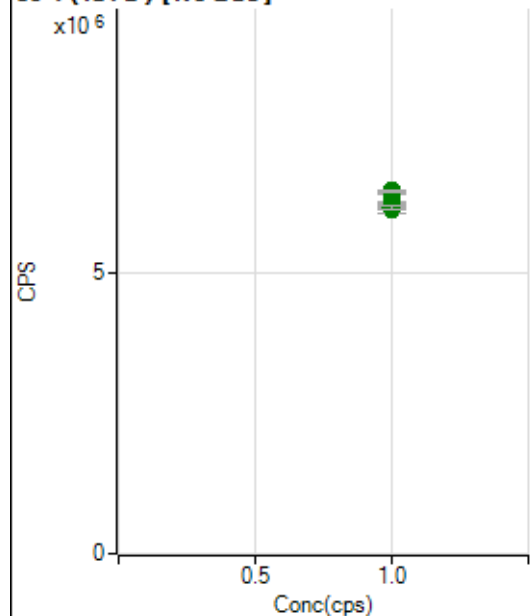
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		481703.75		P	0.6
2	☐	1.000		490617.36		P	1.2
3	☐	1.000		481819.18		P	0.4
4	☐	1.000		480831.20		P	0.6
5	☐	1.000		493707.92		P	1.0
6	☐	1.000		480593.77		P	0.4
7	☐	1.000		480810.78		P	0.5
8	☐	1.000		474466.68		P	0.7

45 Sc (ISTD) [No Gas]

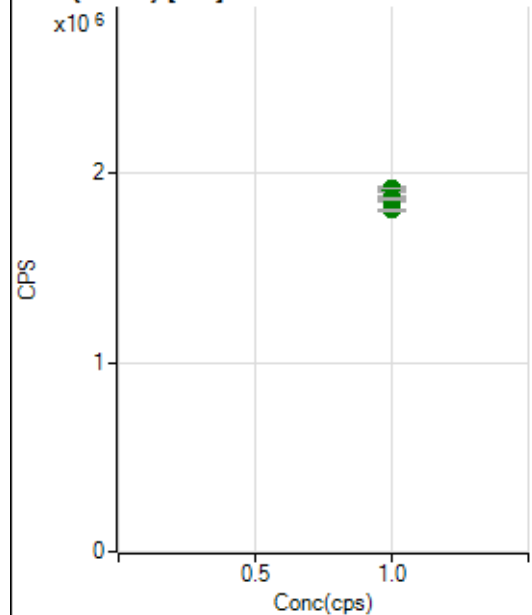
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2247668.02		A	0.2
2	☐	1.000		2234508.91		A	2.1
3	☐	1.000		2155423.23		A	0.4
4	☐	1.000		2090407.64		A	2.5
5	☐	1.000		2180200.00		A	1.5
6	☐	1.000		2120519.03		A	1.4
7	☐	1.000		2110522.40		A	0.5
8	☐	1.000		2146272.09		A	1.5

45 Sc (ISTD) [He]

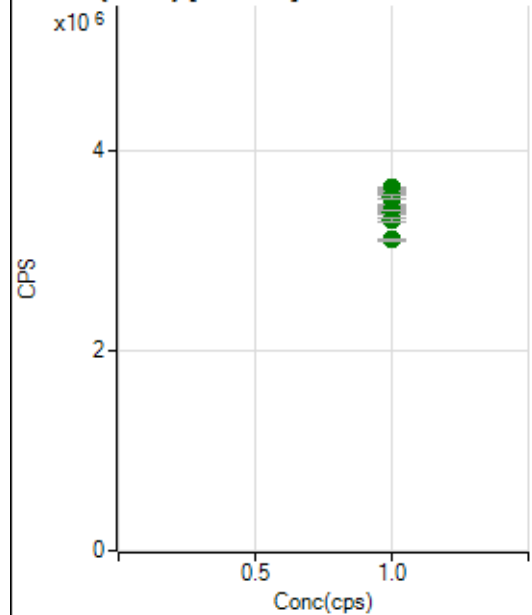
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		210576.06		P	0.4
2	☐	1.000		210509.91		P	0.5
3	☐	1.000		205201.31		P	0.6
4	☐	1.000		196595.81		P	0.1
5	☐	1.000		209559.02		P	0.3
6	☐	1.000		204375.29		P	0.8
7	☐	1.000		204085.12		P	0.9
8	☐	1.000		211927.65		P	0.5

89 Y (ISTD) [No Gas]

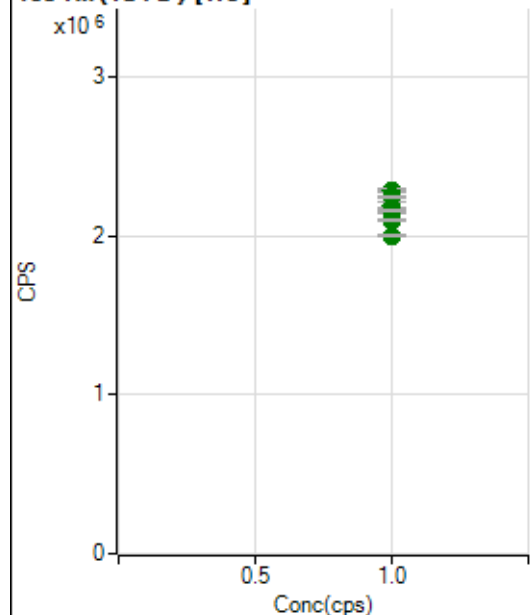
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6423324.76		A	0.5
2	☐	1.000		6410152.89		A	0.8
3	☐	1.000		6239682.75		A	0.2
4	☐	1.000		6105837.96		A	2.0
5	☐	1.000		6450337.20		A	0.8
6	☐	1.000		6174442.20		A	1.9
7	☐	1.000		6189614.00		A	0.3
8	☐	1.000		6146918.87		A	0.8

89 Y (ISTD) [He]

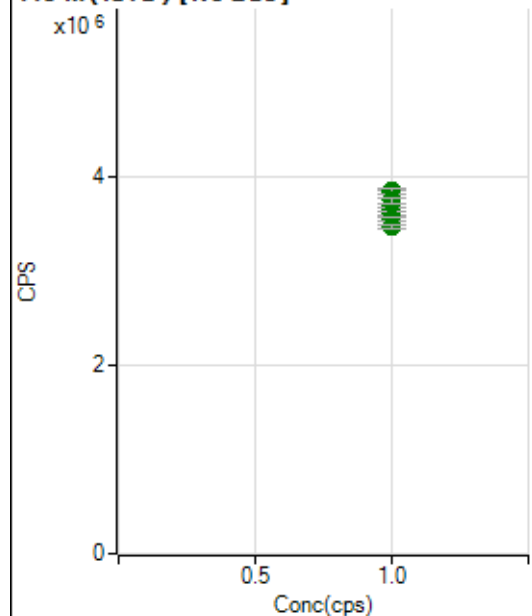
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1916990.21		A	1.0
2	☐	1.000		1918763.81		A	1.0
3	☐	1.000		1867159.22		A	0.5
4	☐	1.000		1805595.34		A	0.8
5	☐	1.000		1908775.30		A	1.3
6	☐	1.000		1873938.57		A	0.3
7	☐	1.000		1862026.43		A	1.0
8	☐	1.000		1868719.16		A	0.5

103 Rh (ISTD) [No Gas]

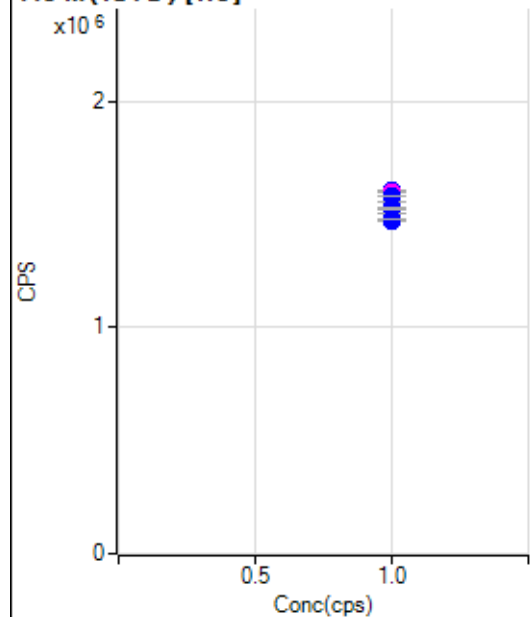
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3620831.82		A	0.2
2	☐	1.000		3584145.15		A	0.7
3	☐	1.000		3442171.06		A	0.4
4	☐	1.000		3402753.32		A	1.3
5	☐	1.000		3533913.80		A	1.3
6	☐	1.000		3372675.26		A	1.1
7	☐	1.000		3300793.42		A	0.6
8	☐	1.000		3103418.08		A	0.7

103 Rh (ISTD) [He]

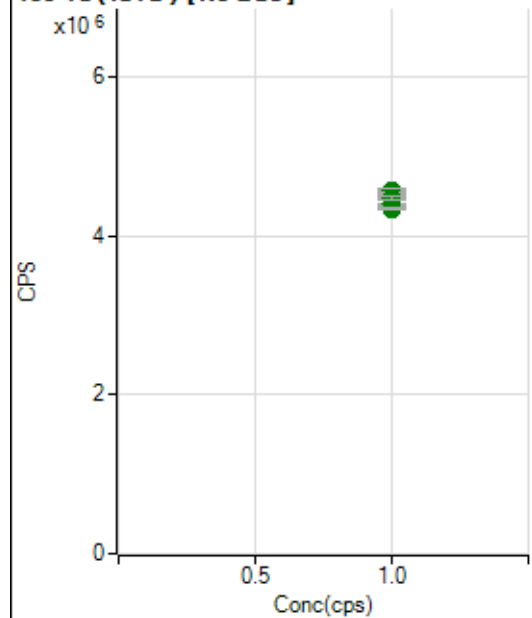
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2279235.84		A	0.5
2	☐	1.000		2281891.30		A	1.2
3	☐	1.000		2191878.23		A	1.5
4	☐	1.000		2150003.07		A	0.7
5	☐	1.000		2243985.99		A	0.7
6	☐	1.000		2158707.31		A	0.3
7	☐	1.000		2095488.42		A	0.7
8	☐	1.000		1996168.70		A	0.6

115 In (ISTD) [No Gas]

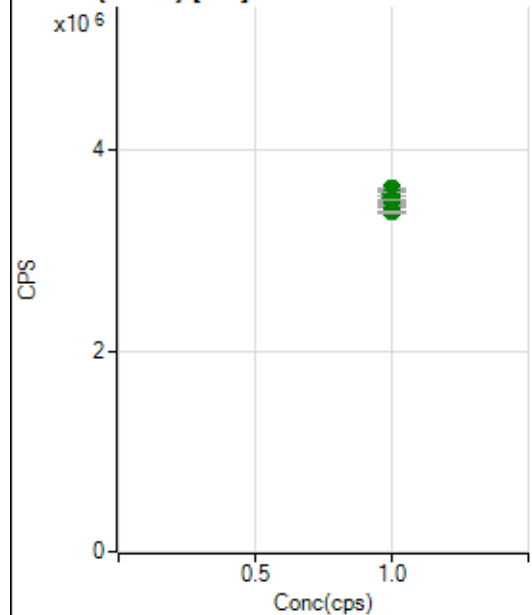
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3846144.15		A	0.9
2	☐	1.000		3856719.78		A	1.4
3	☐	1.000		3705275.22		A	0.9
4	☐	1.000		3654915.19		A	1.0
5	☐	1.000		3752526.06		A	2.1
6	☐	1.000		3620077.43		A	0.8
7	☐	1.000		3560959.48		A	1.1
8	☐	1.000		3471792.28		A	1.2

115 In (ISTD) [He]

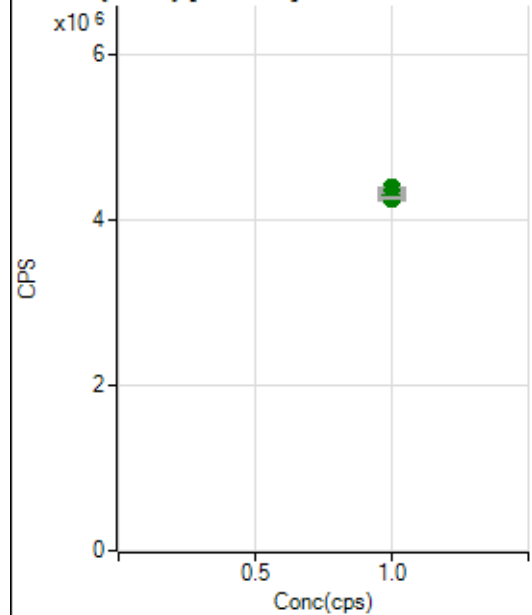
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1602675.76		P	0.3
2	☐	1.000		1595477.84		M	0.1
3	☐	1.000		1553793.43		P	0.3
4	☐	1.000		1505368.90		P	0.1
5	☐	1.000		1581599.13		P	0.3
6	☐	1.000		1527149.20		P	0.6
7	☐	1.000		1471026.04		P	0.2
8	☐	1.000		1479356.27		P	0.2

159 Tb (ISTD) [No Gas]

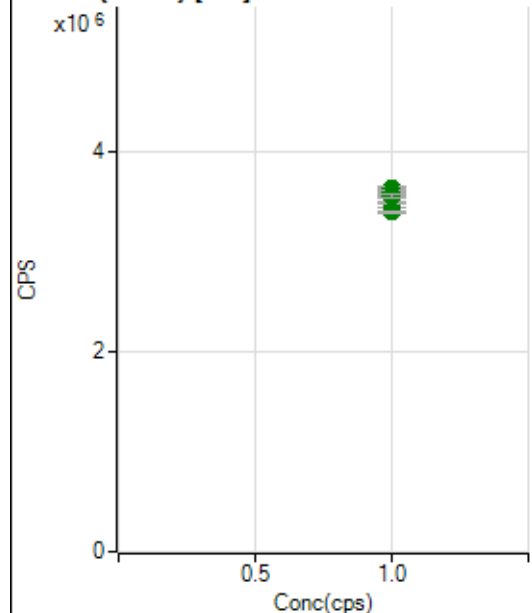
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4510585.84		A	0.9
2	☐	1.000		4536729.65		A	1.7
3	☐	1.000		4384423.13		A	0.5
4	☐	1.000		4410135.18		A	2.2
5	☐	1.000		4564482.08		A	1.0
6	☐	1.000		4462954.90		A	0.3
7	☐	1.000		4465996.70		A	1.1
8	☐	1.000		4334532.68		A	0.4

159 Tb (ISTD) [He]

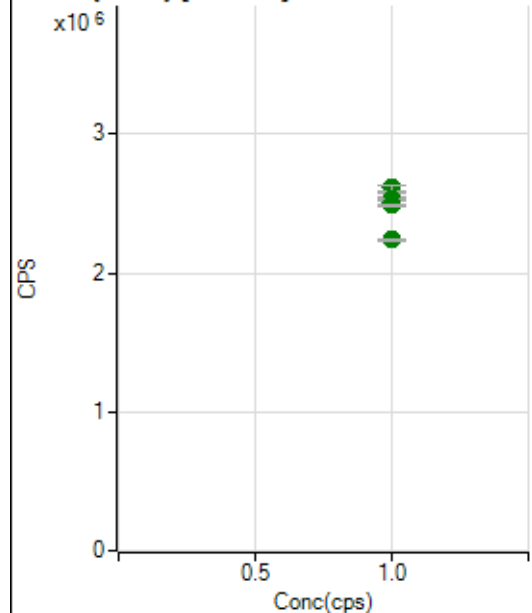
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3553465.89		A	1.1
2	☐	1.000		3522721.65		A	0.9
3	☐	1.000		3468543.77		A	0.8
4	☐	1.000		3431828.42		A	0.7
5	☐	1.000		3610904.67		A	0.7
6	☐	1.000		3559055.15		A	1.4
7	☐	1.000		3504113.63		A	0.0
8	☐	1.000		3381831.55		A	0.3

165 Ho (ISTD) [No Gas]

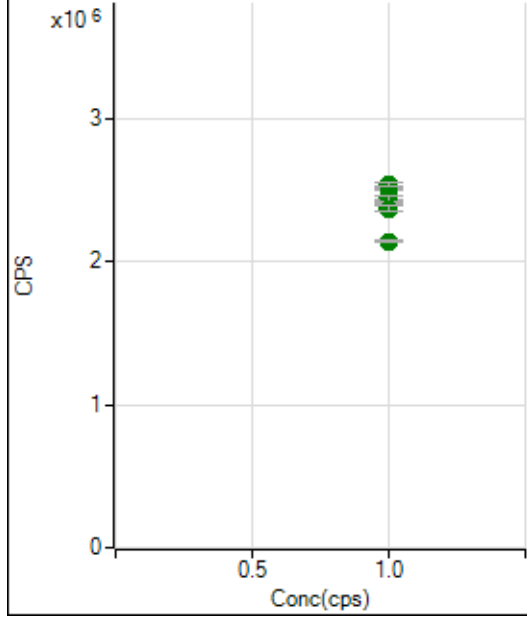
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4345143.89		A	0.9
2	☐	1.000		4343409.24		A	1.0
3	☐	1.000		4312450.84		A	0.6
4	☐	1.000		4268605.94		A	0.9
5	☐	1.000		4394402.71		A	0.8
6	☐	1.000		4321537.51		A	0.8
7	☐	1.000		4302131.43		A	1.3
8	☐	1.000		4267640.11		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3547344.64		A	0.9
2	☐	1.000		3601991.89		A	1.2
3	☐	1.000		3472725.75		A	1.7
4	☐	1.000		3477466.03		A	0.6
5	☐	1.000		3622840.50		A	1.7
6	☐	1.000		3581391.16		A	1.1
7	☐	1.000		3557835.61		A	1.2
8	☐	1.000		3389839.77		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2536928.12		A	1.2
2	☐	1.000		2552062.03		A	1.9
3	☐	1.000		2506075.48		A	0.7
4	☐	1.000		2535643.61		A	1.0
5	☐	1.000		2611914.16		A	1.4
6	☐	1.000		2530898.71		A	0.7
7	☐	1.000		2485359.75		A	0.8
8	☐	1.000		2236966.87		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2510866.23		A	0.3
2	☐	1.000		2517019.23		A	0.3
3	☐	1.000		2418247.57		A	1.0
4	☐	1.000		2379546.72		A	2.4
5	☐	1.000		2538003.83		A	1.1
6	☐	1.000		2447238.07		A	1.6
7	☐	1.000		2372187.90		A	1.7
8	☐	1.000		2143845.56		A	0.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7032425 MS.b

Acq. Date-Time 2025-03-24 13:34:50

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		15460	154597.54			0.561	5.000
24		38020	380197.31			0.595	5.000
25		5002	50018.89			0.492	5.000
26		5709	57087.25			0.913	5.000
59		62520	625203.49			0.511	5.000
113		8444	84444.68			0.523	5.000
115		98273	982729.61			0.546	5.000
206		18441	184410.06			1.359	5.000
207		16081	160812.38			1.158	5.000
208		38416	384164.42			0.890	5.000
220		0	2.20			20.328	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

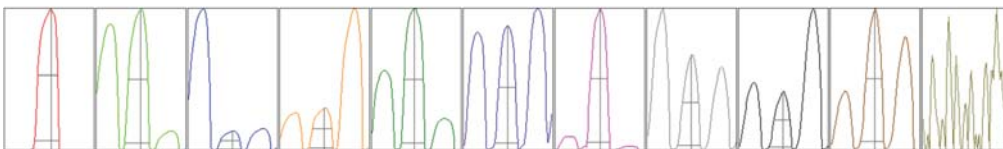
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15368	15393	15464	15589	15485
24	37800	37887	37886	38301	38225
25	4968	4993	4996	5032	5020
26	5633	5678	5758	5745	5729
59	62073	62394	62592	62947	62596
113	8375	8467	8495	8444	8441
115	98901	98570	97958	98405	97531
206	18717	18524	18583	18298	18084
207	16245	16254	16099	16001	15807
208	38566	38890	38403	38244	37978

US EPA Tune Check Report

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	24349.24	9.10	8.90 - 9.10	
24	60943.80	24.00	23.90 - 24.10	
25	7973.29	25.00	24.90 - 25.10	
26	9140.48	26.00	25.90 - 26.10	
59	100933.24	58.95	58.90 - 59.10	
113	15467.62	113.00	112.90 - 113.10	
115	182398.58	115.05	114.90 - 115.10	
206	35491.44	206.00	205.90 - 206.10	
207	31070.73	207.00	206.90 - 207.10	
208	74250.75	208.00	207.90 - 208.10	
220	0.00	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.66	0.819	0.900	
24	0.67	0.829	0.900	
25	0.66	0.800	0.900	
26	0.65	0.796	0.900	
59	0.65	0.790	0.900	
113	0.56	0.779	0.900	
115	0.56	0.768	0.900	
206	0.53	0.762	0.900	
207	0.53	0.762	0.900	
208	0.53	0.783	0.900	
220	0.50	0.500		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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	8.8 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.4 V	Deflect	16.0 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-50 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	180 V		

QP Parameters

Mass Gain	139	Axis Gain	0.9975	QP Bias	-3.0 V
Mass Offset	128	Axis Offset	0.15		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.4 mm
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EM

Discriminator	4.7 mV	Analog HV	2314 V	Pulse HV	1122 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		21498	214984.97			0.589	
89		21191	211914.04			0.589	
205		23603	236029.02			0.856	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	21671	21395	21578	21368	21480
89	21353	21199	21216	21003	21187
205	23900	23556	23553	23344	23662

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 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	8.8 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.5 V	Deflect	3.4 V
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US EPA Tune Check Report

Extract 2	-140.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-65 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	139	Axis Gain	0.9975	QP Bias	-13.0 V
Mass Offset	128	Axis Offset	0.15		
Hardware Settings					
Torch					
Torch H	-0.3 mm	Torch V	0.4 mm		
EM					
Discriminator	4.7 mV	Analog HV	2314 V	Pulse HV	1122 V

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.04	-0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.04	0.01	0.00	N/A	ppb
Cadmium	106-1	0.10	0.67	-0.77	0.00	N/A	ppb
Cadmium	111-1	0.00	0.05	-0.05	0.00	N/A	ppb
Calcium	43-1	-0.46	0.66	-0.21	0.00	N/A	ppb
Calcium	44-1	0.60	0.14	-0.74	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.05	-0.03	-0.02	0.00	N/A	ppb
Iron	57-2	0.31	-0.21	-0.10	0.00	N/A	ppb
Iron	54-2	-0.25	-0.01	0.25	0.00	N/A	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.14	0.15	-0.02	0.00	N/A	ppb
Manganese	55-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Phosphorus	31-2	-129.10	-125.52	-127.27	-127.30		ppb
Potassium	39-2	-2.42	1.50	0.92	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.10	-0.35	0.25	0.00	N/A	ppb
Selenium	77-2	0.06	0.06	-0.12	0.00	N/A	ppb
Selenium	78-2	0.55	-1.53	0.98	0.00	N/A	ppb
Silicon	28-1	-1.11	0.64	0.48	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.51	0.26	0.25	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-295.42	-233.33	-191.43	-240.06		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	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	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.01	0.00	N/A	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.06	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.64	19.59	18.66	19.30	2.85	ppb
Antimony	121-1	2.21	2.07	2.06	2.11	4.14	ppb
Arsenic	75-2	1.12	1.01	1.10	1.08	5.55	ppb
Barium	135-1	9.76	9.54	9.71	9.67	1.17	ppb
Barium	137-1	9.76	9.65	9.76	9.72	0.61	ppb
Beryllium	9-1	1.02	0.95	0.97	0.98	3.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.10	0.92	1.11	1.04	10.08	ppb
Cadmium	106-1	1.41	1.20	1.43	1.35	9.44	ppb
Cadmium	111-1	1.11	1.02	0.94	1.02	8.34	ppb
Calcium	43-1	507.40	501.60	523.02	510.68	2.17	ppb
Calcium	44-1	515.11	515.75	532.54	521.13	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.06	2.14	2.07	2.82	ppb
Cobalt	59-2	1.05	1.04	1.06	1.05	0.97	ppb
Copper	63-2	1.85	1.92	1.98	1.92	3.53	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				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	56.84	56.96	57.77	57.19	0.89	ppb
Iron	57-2	58.15	59.79	58.31	58.75	1.54	ppb
Iron	54-2	58.63	58.25	58.96	58.61	0.61	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.79	0.85	0.86	0.83	4.78	ppb
Lead	207-1	0.80	0.78	0.87	0.82	5.89	ppb
Lead	208-1	0.79	0.79	0.85	0.81	4.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	484.72	490.42	485.92	487.02	0.62	ppb
Manganese	55-2	0.95	0.99	1.07	1.00	6.43	ppb
Molybdenum	94-1	5.96	6.18	6.03	6.06	1.91	ppb
Molybdenum	95-1	4.92	5.09	5.03	5.01	1.69	ppb
Molybdenum	96-1	5.08	5.13	4.87	5.03	2.69	ppb
Molybdenum	97-1	5.03	4.92	5.19	5.05	2.72	ppb
Molybdenum	98-1	5.03	5.06	5.06	5.05	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.80	0.87	0.85	5.35	ppb
Phosphorus	31-2	133.91	118.32	129.65	127.30	6.33	ppb
Potassium	39-2	499.72	500.84	499.87	500.14	0.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.87	5.28	5.20	5.45	6.68	ppb
Selenium	77-2	5.74	5.27	3.52	4.84	24.21	ppb
Selenium	78-2	2.86	2.40	3.82	3.02	23.97	ppb
Silicon	28-1	-0.89	-0.34	1.02	-0.07		ppb
Silver	107-1	1.13	1.09	1.12	1.11	2.10	ppb
Silver	109-1	1.10	1.06	1.08	1.08	1.84	ppb
Sodium	23-2	484.56	478.37	476.15	479.69	0.91	ppb
Strontium	86-1	1.00	1.03	0.99	1.01	1.93	ppb
Strontium	88-1	1.02	1.04	1.02	1.03	1.38	ppb
Sulfur	34-1	123.34	231.15	365.69	240.06	50.58	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.96	0.90	0.98	0.95	4.10	ppb
Thallium	205-1	0.94	0.95	0.95	0.95	0.67	ppb
Tin	118-1	5.22	5.15	5.33	5.23	1.68	ppb
Titanium	47-1	5.24	5.20	5.03	5.16	2.23	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.91	0.93	0.92	1.76	ppb
Vanadium	51-2	4.97	4.84	4.87	4.90	1.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	4.79	4.75	4.87	4.80	1.24	ppb
Zirconium	90-1	1.06	1.05	1.08	1.07	1.67	ppb
Zirconium	91-1	0.99	1.03	1.06	1.02	3.60	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1034.76	1031.93	1029.67	1032.12	0.25	ppb
Antimony	121-1	53.17	53.55	53.68	53.47	0.50	ppb
Arsenic	75-2	53.85	53.31	53.02	53.39	0.79	ppb
Barium	135-1	254.85	257.59	255.93	256.12	0.54	ppb
Barium	137-1	258.42	260.58	258.94	259.31	0.44	ppb
Beryllium	9-1	54.16	54.44	53.49	54.03	0.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.13	59.55	54.85	56.84	4.27	ppb
Cadmium	106-1	52.35	55.68	56.46	54.83	3.97	ppb
Cadmium	111-1	54.91	55.65	55.35	55.31	0.67	ppb
Calcium	43-1	5515.30	5439.60	5458.79	5471.23	0.72	ppb
Calcium	44-1	5289.98	5260.44	5181.48	5243.97	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.05	52.31	52.27	52.54	0.84	ppb
Cobalt	59-2	53.33	52.55	52.85	52.91	0.74	ppb
Copper	63-2	543.13	533.94	523.97	533.68	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2857.26	2808.49	2852.67	2839.48	0.95	ppb
Iron	57-2	2940.31	2897.21	2906.02	2914.52	0.78	ppb
Iron	54-2	3005.38	2946.61	2953.30	2968.43	1.08	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	250.18	248.76	251.09	250.01	0.47	ppb
Lead	207-1	244.76	243.24	246.42	244.80	0.65	ppb
Lead	208-1	250.86	250.62	253.48	251.66	0.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	5215.56	5074.45	5032.26	5107.42	1.88	ppb
Manganese	55-2	521.00	518.40	520.32	519.91	0.26	ppb
Molybdenum	94-1	521.04	522.46	522.04	521.85	0.14	ppb
Molybdenum	95-1	524.38	527.23	519.08	523.56	0.79	ppb
Molybdenum	96-1	514.60	517.75	520.39	517.58	0.56	ppb
Molybdenum	97-1	518.68	519.85	518.41	518.98	0.15	ppb
Molybdenum	98-1	514.37	523.87	516.84	518.36	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.76	58.23	57.56	58.18	1.03	ppb
Phosphorus	31-2	915.07	912.29	932.36	919.91	1.18	ppb
Potassium	39-2	2678.56	2669.88	2667.66	2672.04	0.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	54.58	55.75	53.96	54.76	1.66	ppb
Selenium	77-2	45.89	50.90	48.96	48.58	5.21	ppb
Selenium	78-2	53.62	53.45	53.50	53.52	0.16	ppb
Silicon	28-1	52.87	54.93	53.53	53.78	1.96	ppb
Silver	107-1	55.72	56.04	56.47	56.08	0.67	ppb
Silver	109-1	55.50	56.31	56.30	56.04	0.83	ppb
Sodium	23-2	5231.62	5027.53	5078.54	5112.56	2.08	ppb
Strontium	86-1	51.77	52.04	52.08	51.96	0.33	ppb
Strontium	88-1	52.34	52.38	51.68	52.13	0.76	ppb
Sulfur	34-1	1222.09	1162.13	1172.58	1185.60	2.70	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	49.22	48.82	49.48	49.17	0.67	ppb
Thallium	205-1	48.40	48.02	49.32	48.58	1.38	ppb
Tin	118-1	52.45	53.47	53.17	53.03	0.99	ppb
Titanium	47-1	522.91	520.73	518.95	520.86	0.38	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.04	46.90	47.42	47.12	0.57	ppb
Vanadium	51-2	51.99	51.18	51.01	51.39	1.02	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	558.74	549.63	555.95	554.77	0.84	ppb
Zirconium	90-1	51.67	51.69	51.45	51.60	0.26	ppb
Zirconium	91-1	51.93	52.17	51.77	51.96	0.38	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2503.11	2509.08	2476.26	2496.15	0.70	ppb
Antimony	121-1	124.80	130.94	130.67	128.80	2.69	ppb
Arsenic	75-2	131.42	130.03	126.89	129.44	1.79	ppb
Barium	135-1	600.08	626.45	619.64	615.39	2.22	ppb
Barium	137-1	606.81	644.72	634.98	628.84	3.13	ppb
Beryllium	9-1	128.42	133.16	132.45	131.35	1.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	128.42	133.01	130.30	130.58	1.77	ppb
Cadmium	106-1	129.53	130.68	130.83	130.34	0.55	ppb
Cadmium	111-1	128.03	134.64	135.70	132.79	3.13	ppb
Calcium	43-1	13243.25	13912.87	13797.06	13651.06	2.62	ppb
Calcium	44-1	12622.53	13056.34	13079.27	12919.38	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.33	129.91	130.49	130.25	0.23	ppb
Cobalt	59-2	130.49	130.73	129.20	130.14	0.63	ppb
Copper	63-2	1315.08	1315.63	1309.24	1313.31	0.27	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				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	7080.84	6995.11	6983.16	7019.70	0.76	ppb
Iron	57-2	7258.54	7238.73	7251.99	7249.76	0.14	ppb
Iron	54-2	7351.02	7314.58	7337.52	7334.37	0.25	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	604.70	621.32	623.26	616.43	1.65	ppb
Lead	207-1	626.57	623.18	634.76	628.17	0.95	ppb
Lead	208-1	613.88	625.19	628.03	622.37	1.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	12876.39	12871.80	12778.63	12842.27	0.43	ppb
Manganese	55-2	1281.97	1290.15	1263.12	1278.41	1.08	ppb
Molybdenum	94-1	1252.98	1272.14	1286.74	1270.62	1.33	ppb
Molybdenum	95-1	1254.20	1275.77	1275.60	1268.52	0.98	ppb
Molybdenum	96-1	1261.53	1267.17	1295.20	1274.63	1.41	ppb
Molybdenum	97-1	1265.22	1252.44	1301.77	1273.14	2.01	ppb
Molybdenum	98-1	1277.07	1278.29	1276.10	1277.15	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.64	133.00	130.95	131.86	0.79	ppb
Phosphorus	31-2	2504.09	2440.64	2437.43	2460.72	1.53	ppb
Potassium	39-2	6404.39	6279.04	6381.45	6354.96	1.05	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	131.30	134.97	138.54	134.94	2.69	ppb
Selenium	77-2	134.55	128.57	137.22	133.45	3.32	ppb
Selenium	78-2	131.15	131.50	129.35	130.67	0.88	ppb
Silicon	28-1	119.50	126.07	125.48	123.68	2.94	ppb
Silver	107-1	129.05	135.70	134.07	132.94	2.61	ppb
Silver	109-1	129.89	134.86	133.76	132.84	1.97	ppb
Sodium	23-2	12662.36	12649.74	12871.04	12727.71	0.98	ppb
Strontium	86-1	124.79	126.43	129.88	127.04	2.05	ppb
Strontium	88-1	126.85	129.54	132.57	129.65	2.21	ppb
Sulfur	34-1	2504.06	2787.29	2635.83	2642.39	5.36	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	117.39	119.38	121.55	119.44	1.74	ppb
Thallium	205-1	116.95	118.46	120.09	118.50	1.32	ppb
Tin	118-1	124.85	128.92	128.71	127.49	1.80	ppb
Titanium	47-1	1238.87	1308.43	1282.73	1276.68	2.75	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.07	124.19	124.06	122.77	1.91	ppb
Vanadium	51-2	127.07	126.84	126.37	126.76	0.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1389.95	1379.40	1364.97	1378.10	0.91	ppb
Zirconium	90-1	124.18	125.91	128.82	126.30	1.86	ppb
Zirconium	91-1	126.39	126.29	130.10	127.59	1.70	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4768.89	4738.14	4740.23	4749.09	0.36	ppb
Antimony	121-1	241.01	248.15	248.86	246.00	1.77	ppb
Arsenic	75-2	249.96	255.60	256.53	254.03	1.40	ppb
Barium	135-1	1179.16	1258.78	1257.21	1231.72	3.70	ppb
Barium	137-1	1217.95	1252.22	1243.51	1237.89	1.44	ppb
Beryllium	9-1	246.85	250.72	252.13	249.90	1.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	251.62	255.09	260.89	255.87	1.83	ppb
Cadmium	106-1	250.15	259.98	257.42	255.85	1.99	ppb
Cadmium	111-1	250.13	257.87	256.93	254.98	1.66	ppb
Calcium	43-1	25574.69	25684.98	26083.25	25780.97	1.04	ppb
Calcium	44-1	24258.48	24513.13	25415.76	24729.12	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	252.10	251.40	248.11	250.54	0.85	ppb
Cobalt	59-2	250.46	251.05	246.73	249.41	0.94	ppb
Copper	63-2	2515.15	2527.10	2485.72	2509.33	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				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	13453.23	13607.35	13353.76	13471.44	0.95	ppb
Iron	57-2	13892.57	13953.38	13754.48	13866.81	0.74	ppb
Iron	54-2	13509.13	13661.66	13422.89	13531.23	0.89	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1175.19	1176.74	1201.02	1184.32	1.22	ppb
Lead	207-1	1174.92	1172.93	1211.04	1186.30	1.81	ppb
Lead	208-1	1175.85	1181.39	1215.43	1190.89	1.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	24875.76	24749.37	24267.53	24630.88	1.30	ppb
Manganese	55-2	2470.12	2510.70	2486.95	2489.26	0.82	ppb
Molybdenum	94-1	2352.37	2450.45	2429.49	2410.77	2.14	ppb
Molybdenum	95-1	2418.63	2453.87	2416.25	2429.58	0.87	ppb
Molybdenum	96-1	2396.17	2455.46	2432.99	2428.20	1.23	ppb
Molybdenum	97-1	2378.00	2496.77	2414.17	2429.65	2.51	ppb
Molybdenum	98-1	2406.16	2458.74	2465.69	2443.53	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.18	252.45	248.51	251.05	0.88	ppb
Phosphorus	31-2	4985.21	4976.29	4829.24	4930.25	1.78	ppb
Potassium	39-2	12316.85	12454.23	12325.23	12365.43	0.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	250.25	254.06	254.29	252.87	0.90	ppb
Selenium	77-2	246.06	261.68	257.41	255.05	3.16	ppb
Selenium	78-2	249.31	250.42	258.45	252.73	1.97	ppb
Silicon	28-1	277.04	277.33	291.79	282.05	2.99	ppb
Silver	107-1	246.97	244.88	250.26	247.37	1.10	ppb
Silver	109-1	245.86	250.80	253.37	250.01	1.53	ppb
Sodium	23-2	24659.55	24841.61	23859.41	24453.53	2.14	ppb
Strontium	86-1	236.77	245.37	242.18	241.44	1.80	ppb
Strontium	88-1	241.05	248.52	245.42	245.00	1.53	ppb
Sulfur	34-1	4835.51	4798.04	5079.21	4904.25	3.11	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	227.78	225.81	232.81	228.80	1.58	ppb
Thallium	205-1	234.38	238.06	239.25	237.23	1.07	ppb
Tin	118-1	239.11	248.90	247.91	245.31	2.20	ppb
Titanium	47-1	2404.34	2453.13	2482.87	2446.78	1.62	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	236.99	236.06	244.40	239.15	1.91	ppb
Vanadium	51-2	245.78	247.59	243.13	245.50	0.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2588.45	2600.71	2576.81	2588.66	0.46	ppb
Zirconium	90-1	239.07	248.90	243.02	243.66	2.03	ppb
Zirconium	91-1	239.39	246.33	243.18	242.97	1.43	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9903.92	9897.44	10023.66	9941.67	0.71	ppb
Antimony	121-1	513.19	519.16	531.31	521.22	1.77	ppb
Arsenic	75-2	515.10	513.81	516.33	515.08	0.24	ppb
Barium	135-1	2555.66	2616.25	2593.68	2588.53	1.18	ppb
Barium	137-1	2552.51	2565.65	2550.35	2556.17	0.32	ppb
Beryllium	9-1	520.66	520.07	517.20	519.31	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	523.85	530.82	518.56	524.41	1.17	ppb
Cadmium	106-1	514.30	519.97	516.18	516.82	0.56	ppb
Cadmium	111-1	519.33	523.09	524.41	522.28	0.50	ppb
Calcium	43-1	53049.41	54118.95	52934.72	53367.69	1.22	ppb
Calcium	44-1	50904.87	51646.60	50298.02	50949.83	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.36	518.20	527.79	519.45	1.50	ppb
Cobalt	59-2	507.58	510.28	516.58	511.48	0.90	ppb
Copper	63-2	5137.52	5043.28	5191.18	5123.99	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	27781.38	27543.08	27804.03	27709.50	0.52	ppb
Iron	57-2	28011.06	27226.61	27371.26	27536.31	1.52	ppb
Iron	54-2	27831.79	27776.27	27858.85	27822.30	0.15	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2540.67	2502.53	2578.36	2540.52	1.49	ppb
Lead	207-1	2511.08	2566.19	2585.28	2554.19	1.51	ppb
Lead	208-1	2524.22	2522.98	2562.74	2536.65	0.89	ppb
Lithium	6-1				100		%
Magnesium	24-2	50538.63	50556.33	50861.49	50652.15	0.36	ppb
Manganese	55-2	5141.33	5083.79	5205.65	5143.59	1.19	ppb
Molybdenum	94-1	5005.65	5267.23	5161.19	5144.69	2.56	ppb
Molybdenum	95-1	5022.99	5156.76	5101.97	5093.91	1.32	ppb
Molybdenum	96-1	5006.07	5219.84	5037.25	5087.72	2.27	ppb
Molybdenum	97-1	5048.20	5212.36	5103.70	5121.42	1.63	ppb
Molybdenum	98-1	5101.60	5316.26	5092.29	5170.05	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.69	511.99	525.59	518.76	1.31	ppb
Phosphorus	31-2	10281.66	10179.48	10415.12	10292.09	1.15	ppb
Potassium	39-2	25328.58	25363.72	25663.35	25451.88	0.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	517.11	532.20	517.95	522.42	1.62	ppb
Selenium	77-2	510.18	512.73	529.29	517.40	2.00	ppb
Selenium	78-2	518.24	517.19	519.40	518.27	0.21	ppb
Silicon	28-1	460.69	476.74	455.65	464.36	2.37	ppb
Silver	107-1	519.32	517.23	516.41	517.65	0.29	ppb
Silver	109-1	518.70	516.95	517.68	517.78	0.17	ppb
Sodium	23-2	50749.83	49944.29	50346.28	50346.80	0.80	ppb
Strontium	86-1	503.00	516.78	504.90	508.23	1.47	ppb
Strontium	88-1	513.32	517.01	514.72	515.02	0.36	ppb
Sulfur	34-1	10046.77	10245.85	9763.34	10018.65	2.42	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	516.78	508.98	511.12	512.29	0.79	ppb
Thallium	205-1	512.50	512.31	504.74	509.85	0.87	ppb
Tin	118-1	512.85	516.71	523.55	517.70	1.05	ppb
Titanium	47-1	5041.78	5214.35	5099.00	5118.38	1.72	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	510.36	500.94	506.16	505.82	0.93	ppb
Vanadium	51-2	506.37	504.16	506.84	505.79	0.28	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	5251.61	5235.68	5297.17	5261.49	0.61	ppb
Zirconium	90-1	505.96	519.78	514.88	513.54	1.36	ppb
Zirconium	91-1	505.98	523.55	511.11	513.55	1.76	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19460.09	19592.29	19336.84	19463.07	0.66	ppb
Antimony	121-1	974.31	1021.34	973.57	989.74	2.77	ppb
Arsenic	75-2	990.30	986.24	995.65	990.73	0.48	ppb
Barium	135-1	4913.18	4995.53	4974.90	4961.20	0.86	ppb
Barium	137-1	4961.06	4998.02	4962.91	4974.00	0.42	ppb
Beryllium	9-1	973.61	989.40	1005.11	989.37	1.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	971.24	999.08	985.55	985.29	1.41	ppb
Cadmium	106-1	979.44	998.42	989.79	989.22	0.96	ppb
Cadmium	111-1	969.53	1009.94	979.66	986.38	2.13	ppb
Calcium	43-1	99193.37	100458.21	100090.63	99914.07	0.65	ppb
Calcium	44-1	97564.54	98967.43	100741.38	99091.12	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.01	1010.76	966.30	989.36	2.25	ppb
Cobalt	59-2	982.45	996.48	1001.93	993.62	1.01	ppb
Copper	63-2	9888.38	9954.01	9935.82	9926.07	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	53758.16	54212.68	53944.89	53971.91	0.42	ppb
Iron	57-2	53761.54	54401.66	53633.19	53932.13	0.76	ppb
Iron	54-2	53923.34	54640.60	53543.25	54035.73	1.03	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4929.59	5020.06	5042.04	4997.23	1.19	ppb
Lead	207-1	4958.32	4978.02	5029.74	4988.70	0.74	ppb
Lead	208-1	4978.69	4972.09	5039.32	4996.70	0.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	99093.68	99493.13	97641.64	98742.82	0.99	ppb
Manganese	55-2	9835.86	10028.56	9914.61	9926.34	0.98	ppb
Molybdenum	94-1	9811.44	10112.77	9914.67	9946.29	1.54	ppb
Molybdenum	95-1	9794.29	10111.01	9996.17	9967.16	1.61	ppb
Molybdenum	96-1	9826.71	10056.94	10026.75	9970.13	1.25	ppb
Molybdenum	97-1	9745.42	10114.82	9998.87	9953.04	1.90	ppb
Molybdenum	98-1	9798.71	10054.14	9921.49	9924.78	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.55	996.11	983.62	989.09	0.65	ppb
Phosphorus	31-2	19856.11	19974.63	19810.19	19880.31	0.43	ppb
Potassium	39-2	49661.76	50044.78	49119.66	49608.73	0.94	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	970.02	998.47	991.28	986.59	1.50	ppb
Selenium	77-2	1001.23	972.88	993.04	989.05	1.48	ppb
Selenium	78-2	992.25	978.19	997.48	989.31	1.01	ppb
Silicon	28-1	1015.46	1011.25	1002.94	1009.88	0.63	ppb
Silver	107-1	983.06	1008.57	979.97	990.54	1.58	ppb
Silver	109-1	991.70	996.25	981.54	989.83	0.76	ppb
Sodium	23-2	97964.00	99558.92	98636.30	98719.74	0.81	ppb
Strontium	86-1	974.01	1002.44	1016.57	997.67	2.17	ppb
Strontium	88-1	969.40	1001.63	1008.13	993.05	2.09	ppb
Sulfur	34-1	19945.41	19944.89	20072.29	19987.53	0.37	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	997.80	1009.82	992.05	999.89	0.91	ppb
Thallium	205-1	981.07	1010.55	1005.83	999.15	1.58	ppb
Tin	118-1	976.48	1009.70	989.39	991.86	1.69	ppb
Titanium	47-1	9912.10	9948.91	9988.21	9949.74	0.38	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	992.42	1003.55	1004.71	1000.23	0.68	ppb
Vanadium	51-2	990.57	1007.59	995.66	997.94	0.88	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	9921.84	9929.31	9633.87	9828.34	1.71	ppb
Zirconium	90-1	976.67	1017.63	989.42	994.57	2.11	ppb
Zirconium	91-1	970.14	1013.37	1000.18	994.56	2.23	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100916.09	99260.37	100200.16	100125.54	0.83	ppb
Antimony	121-1	0.37	0.41	0.39	0.39	4.13	ppb
Arsenic	75-2	0.50	0.51	0.39	0.46	14.70	ppb
Barium	135-1	2.15	2.02	2.07	2.08	3.13	ppb
Barium	137-1	2.05	2.18	2.15	2.13	3.16	ppb
Beryllium	9-1	0.04	0.08	0.05	0.06	37.43	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.43	0.41	0.42	3.15	ppb
Cadmium	106-1	-0.49	0.49	1.04	0.35	223.64	ppb
Cadmium	111-1	0.07	0.14	0.18	0.13	42.72	ppb
Calcium	43-1	500530.23	502461.68	495831.70	499607.87	0.68	ppb
Calcium	44-1	500810.06	500179.44	499272.67	500087.39	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.74	5.53	5.62	5.63	1.85	ppb
Cobalt	59-2	2.62	2.62	2.60	2.61	0.40	ppb
Copper	63-2	2.09	1.96	2.13	2.06	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	247295.07	251142.03	248153.27	248863.46	0.81	ppb
Iron	57-2	248207.36	249465.55	248914.47	248862.46	0.25	ppb
Iron	54-2	248218.64	249994.42	248268.75	248827.27	0.41	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.33	2.46	2.43	2.40	2.84	ppb
Lead	207-1	2.22	2.38	2.38	2.33	4.11	ppb
Lead	208-1	2.27	2.39	2.34	2.33	2.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	510079.08	490315.89	500190.21	500195.06	1.98	ppb
Manganese	55-2	4.84	4.74	4.76	4.78	1.13	ppb
Molybdenum	94-1	2.29	2.39	2.29	2.32	2.60	ppb
Molybdenum	95-1	1.25	1.55	1.53	1.44	11.73	ppb
Molybdenum	96-1	6.07	6.29	6.02	6.13	2.34	ppb
Molybdenum	97-1	1.37	1.45	1.47	1.43	3.51	ppb
Molybdenum	98-1	1.21	1.23	1.19	1.21	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.76	3.84	3.74	3.78	1.45	ppb
Phosphorus	31-2	-118.32	-126.01	-121.94	-122.09		ppb
Potassium	39-2	251250.95	249644.33	249211.07	250035.45	0.43	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	1.81	1.07	1.91	1.60	28.82	ppb
Selenium	77-2	1.00	1.36	0.63	1.00	36.95	ppb
Selenium	78-2	0.44	0.56	-1.64	-0.21		ppb
Silicon	28-1	4.01	8.25	2.36	4.87	62.33	ppb
Silver	107-1	0.07	0.06	0.05	0.06	16.88	ppb
Silver	109-1	0.05	0.06	0.06	0.05	3.79	ppb
Sodium	23-2	503118.25	498719.42	498888.02	500241.90	0.50	ppb
Strontium	86-1	3.38	3.40	3.33	3.37	1.14	ppb
Strontium	88-1	3.38	3.39	3.34	3.37	0.83	ppb
Sulfur	34-1	-119.71	79.71	220.12	60.04	284.42	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.08	0.05	0.06	0.07	19.51	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	10.92	ppb
Tin	118-1	0.20	0.19	0.20	0.20	3.13	ppb
Titanium	47-1	0.66	0.56	0.56	0.59	10.23	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.04	0.03	9.85	ppb
Vanadium	51-2	0.28	0.23	0.26	0.26	9.10	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	18.23	18.44	18.82	18.50	1.60	ppb
Zirconium	90-1	0.47	0.45	0.45	0.45	2.23	ppb
Zirconium	91-1	0.38	0.47	0.43	0.42	10.21	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	473.40	462.84	459.78	465.34	1.54	ppb
Antimony	121-1	198.44	203.15	198.74	200.11	1.32	ppb
Arsenic	75-2	199.74	205.23	199.16	201.38	1.66	ppb
Barium	135-1	96.93	99.27	97.26	97.82	1.30	ppb
Barium	137-1	97.86	100.17	98.61	98.88	1.19	ppb
Beryllium	9-1	101.28	102.27	103.89	102.48	1.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	144.16	143.42	141.79	143.13	0.85	ppb
Cadmium	106-1	148.13	154.86	145.18	149.39	3.32	ppb
Cadmium	111-1	106.89	111.20	108.93	109.00	1.98	ppb
Calcium	43-1	2418.01	2415.32	2379.82	2404.38	0.89	ppb
Calcium	44-1	2174.48	2234.23	2208.40	2205.71	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.66	101.96	100.91	101.51	0.54	ppb
Cobalt	59-2	101.68	102.16	99.75	101.20	1.26	ppb
Copper	63-2	93.20	93.94	92.75	93.30	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2106.20	2095.55	2054.15	2085.30	1.32	ppb
Iron	57-2	2172.57	2214.74	2144.82	2177.37	1.62	ppb
Iron	54-2	2248.87	2272.93	2241.40	2254.40	0.73	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.14	193.29	194.91	194.11	0.42	ppb
Lead	207-1	181.66	180.32	183.02	181.66	0.74	ppb
Lead	208-1	190.60	189.08	191.01	190.23	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	1083.28	1083.55	1079.77	1082.20	0.20	ppb
Manganese	55-2	89.89	91.24	90.08	90.41	0.81	ppb
Molybdenum	94-1	4842.55	4989.92	4924.41	4918.96	1.50	ppb
Molybdenum	95-1	4792.86	4985.82	4857.98	4878.89	2.01	ppb
Molybdenum	96-1	4768.71	4948.51	4859.04	4858.75	1.85	ppb
Molybdenum	97-1	4798.54	4916.63	4895.34	4870.17	1.29	ppb
Molybdenum	98-1	4900.15	4978.91	4922.58	4933.88	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.92	102.50	101.18	102.53	1.34	ppb
Phosphorus	31-2	-131.67	-129.15	-125.17	-128.66		ppb
Potassium	39-2	1960.62	1967.39	1954.78	1960.93	0.32	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	212.08	214.76	212.12	212.99	0.72	ppb
Selenium	77-2	204.61	214.36	217.29	212.08	3.13	ppb
Selenium	78-2	207.95	215.28	212.81	212.01	1.76	ppb
Silicon	28-1	144.76	157.47	157.65	153.30	4.82	ppb
Silver	107-1	48.68	50.67	49.65	49.66	2.00	ppb
Silver	109-1	48.78	50.21	49.03	49.34	1.54	ppb
Sodium	23-2	1867.65	1870.12	1837.92	1858.57	0.96	ppb
Strontium	86-1	516.98	520.15	513.68	516.94	0.63	ppb
Strontium	88-1	520.12	530.17	519.41	523.23	1.15	ppb
Sulfur	34-1	-1172.14	-1145.63	-1232.37	-1183.38		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	184.24	184.38	186.49	185.04	0.68	ppb
Thallium	205-1	194.48	189.85	196.26	193.53	1.71	ppb
Tin	118-1	534.03	535.75	530.21	533.33	0.53	ppb
Titanium	47-1	4643.43	4735.03	4794.88	4724.45	1.61	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	501.68	498.03	504.52	501.41	0.65	ppb
Vanadium	51-2	96.83	97.59	95.08	96.50	1.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	186.22	189.09	186.37	187.23	0.86	ppb
Zirconium	90-1	505.48	516.90	502.46	508.28	1.50	ppb
Zirconium	91-1	504.95	517.60	509.15	510.57	1.26	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.75	19.74	19.46	20.32	6.14	ppb
Antimony	121-1	2.10	2.15	2.10	2.12	1.39	ppb
Arsenic	75-2	1.04	0.93	1.08	1.01	7.52	ppb
Barium	135-1	9.93	10.16	9.81	9.97	1.81	ppb
Barium	137-1	10.12	10.26	10.09	10.16	0.88	ppb
Beryllium	9-1	1.01	0.88	1.17	1.02	14.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.40	0.80	1.21	29.81	ppb
Cadmium	106-1	0.88	0.20	0.45	0.51	67.51	ppb
Cadmium	111-1	1.09	1.01	1.10	1.07	4.65	ppb
Calcium	43-1	531.38	545.73	531.30	536.14	1.55	ppb
Calcium	44-1	539.35	543.79	541.61	541.58	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.13	2.04	2.13	4.15	ppb
Cobalt	59-2	1.06	1.10	1.07	1.08	2.07	ppb
Copper	63-2	1.99	2.09	1.98	2.02	2.88	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				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	58.84	60.17	59.00	59.34	1.23	ppb
Iron	57-2	58.88	58.26	58.75	58.63	0.56	ppb
Iron	54-2	59.30	60.35	61.79	60.48	2.07	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	1.00	0.99	0.98	2.09	ppb
Lead	207-1	0.95	0.96	0.99	0.97	2.25	ppb
Lead	208-1	0.96	0.98	0.96	0.97	0.91	ppb
Lithium	6-1				96		%
Magnesium	24-2	505.02	510.92	497.99	504.64	1.28	ppb
Manganese	55-2	0.96	1.05	1.02	1.01	4.41	ppb
Molybdenum	94-1	6.24	6.20	6.29	6.24	0.76	ppb
Molybdenum	95-1	5.28	5.27	5.15	5.23	1.34	ppb
Molybdenum	96-1	5.23	5.23	5.23	5.23	0.06	ppb
Molybdenum	97-1	5.16	5.13	5.27	5.19	1.42	ppb
Molybdenum	98-1	5.25	5.26	5.26	5.25	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.04	0.93	0.98	5.36	ppb
Phosphorus	31-2	0.84	15.53	24.22	13.53	87.33	ppb
Potassium	39-2	521.84	534.10	523.66	526.54	1.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	5.60	5.78	6.09	5.82	4.20	ppb
Selenium	77-2	3.78	5.44	3.96	4.39	20.74	ppb
Selenium	78-2	7.52	6.24	4.41	6.06	25.83	ppb
Silicon	28-1	3.68	3.97	5.44	4.36	21.69	ppb
Silver	107-1	1.07	1.10	1.04	1.07	2.88	ppb
Silver	109-1	1.07	1.10	1.04	1.07	2.56	ppb
Sodium	23-2	500.88	506.39	500.71	502.66	0.64	ppb
Strontium	86-1	1.05	1.04	1.16	1.09	5.90	ppb
Strontium	88-1	1.06	1.04	1.07	1.05	1.33	ppb
Sulfur	34-1	-911.99	-885.67	-827.33	-875.00		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.98	0.99	0.98	0.98	0.69	ppb
Thallium	205-1	0.96	0.95	0.98	0.96	1.33	ppb
Tin	118-1	5.48	5.50	5.26	5.42	2.45	ppb
Titanium	47-1	5.08	5.39	5.16	5.21	3.04	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.95	0.96	0.95	0.63	ppb
Vanadium	51-2	5.32	5.22	5.09	5.21	2.20	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	5.01	5.03	5.21	5.08	2.19	ppb
Zirconium	90-1	1.08	1.00	1.10	1.06	4.60	ppb
Zirconium	91-1	1.10	1.01	1.05	1.05	4.18	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	0.15	0.23	0.33	75.99	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	5.29	ppb
Arsenic	75-2	-0.07	-0.02	-0.03	-0.04		ppb
Barium	135-1	-0.01	-0.01	0.03	0.00	697.48	ppb
Barium	137-1	0.01	0.01	0.01	0.01	18.13	ppb
Beryllium	9-1	-0.05	0.00	-0.01	-0.02		ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	-0.04	-0.09	-0.07		ppb
Cadmium	106-1	-0.01	-0.01	-0.35	-0.13		ppb
Cadmium	111-1	0.01	0.00	-0.04	-0.01		ppb
Calcium	43-1	-0.91	1.62	1.26	0.66	208.03	ppb
Calcium	44-1	4.86	5.68	4.87	5.14	9.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	-0.01	0.01	217.99	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	50.53	ppb
Copper	63-2	-0.04	0.01	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	0.90	0.37	0.44	0.57	50.67	ppb
Iron	57-2	0.93	2.71	1.81	1.82	48.97	ppb
Iron	54-2	1.26	0.55	0.47	0.76	56.59	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.04	0.05	26.45	ppb
Lead	207-1	0.04	0.04	0.07	0.05	35.05	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.88	0.66	0.83	0.79	14.64	ppb
Manganese	55-2	0.02	0.07	0.01	0.03	87.04	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	24.05	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	18.69	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.03	18.38	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	63.91	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	11.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	0.03	-0.01		ppb
Phosphorus	31-2	-118.78	-126.34	-124.12	-123.08		ppb
Potassium	39-2	8.33	5.26	5.90	6.50	24.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	-0.12	0.49	-0.44	-0.03		ppb
Selenium	77-2	-0.12	-0.12	-0.12	-0.12		ppb
Selenium	78-2	0.04	-0.98	0.77	-0.06		ppb
Silicon	28-1	3.13	1.72	2.72	2.52	28.78	ppb
Silver	107-1	0.00	0.00	0.00	0.00	40.04	ppb
Silver	109-1	0.00	0.00	0.00	0.00	54.22	ppb
Sodium	23-2	9.39	10.05	9.38	9.61	3.99	ppb
Strontium	86-1	0.07	0.02	0.02	0.04	68.41	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	69.10	ppb
Sulfur	34-1	-940.75	-998.34	-961.02	-966.70		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.01	0.02	23.38	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	589.78	ppb
Tin	118-1	0.04	0.04	0.03	0.04	25.34	ppb
Titanium	47-1	0.00	0.04	0.02	0.02	103.03	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	210.38	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.24	0.18	0.29	0.24	24.47	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	89.32	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90557.40	91029.89	90370.44	90652.57	0.37	ppb
Antimony	121-1	1.35	1.32	1.33	1.33	1.14	ppb
Arsenic	75-2	0.66	0.43	0.47	0.52	23.67	ppb
Barium	135-1	1.40	1.57	1.45	1.47	5.76	ppb
Barium	137-1	1.54	1.46	1.48	1.49	2.70	ppb
Beryllium	9-1	0.37	0.22	0.25	0.28	28.14	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.43	6.84	7.29	7.52	10.88	ppb
Cadmium	106-1	-0.65	-1.03	-0.99	-0.89		ppb
Cadmium	111-1	0.13	0.18	0.19	0.17	19.99	ppb
Calcium	43-1	101567.79	101510.80	99532.41	100870.33	1.15	ppb
Calcium	44-1	101760.55	101566.83	100383.64	101237.01	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.49	20.88	20.31	20.56	1.41	ppb
Cobalt	59-2	1.32	1.31	1.24	1.29	3.07	ppb
Copper	63-2	10.42	10.74	10.81	10.65	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	108412.73	110180.06	107488.97	108693.92	1.26	ppb
Iron	57-2	108090.93	107095.92	108159.00	107781.95	0.55	ppb
Iron	54-2	108522.03	108093.26	108582.10	108399.13	0.25	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.86	4.93	4.88	4.89	0.79	ppb
Lead	207-1	4.26	4.19	4.40	4.29	2.51	ppb
Lead	208-1	4.48	4.44	4.48	4.47	0.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	91966.21	92718.48	94242.46	92975.72	1.25	ppb
Manganese	55-2	7.10	7.50	7.37	7.32	2.76	ppb
Molybdenum	94-1	1639.30	1627.64	1638.59	1635.17	0.40	ppb
Molybdenum	95-1	2018.09	2009.02	2041.77	2022.96	0.84	ppb
Molybdenum	96-1	1982.44	1920.35	2011.25	1971.35	2.36	ppb
Molybdenum	97-1	2014.25	1982.08	2015.61	2003.98	0.95	ppb
Molybdenum	98-1	2024.62	2011.74	2022.60	2019.65	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.68	5.85	6.33	5.95	5.67	ppb
Phosphorus	31-2	100803.32	101623.70	101453.02	101293.35	0.43	ppb
Potassium	39-2	98798.16	99003.62	99650.32	99150.70	0.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	0.26	0.56	0.91	0.58	55.97	ppb
Selenium	77-2	-0.12	0.45	0.07	0.13	217.94	ppb
Selenium	78-2	-0.05	-1.33	1.14	-0.08		ppb
Silicon	28-1	3.64	3.89	5.20	4.24	19.72	ppb
Silver	107-1	0.03	0.03	0.04	0.03	5.52	ppb
Silver	109-1	0.03	0.03	0.04	0.04	22.29	ppb
Sodium	23-2	99032.42	98935.29	99376.12	99114.61	0.23	ppb
Strontium	86-1	35.25	34.39	35.61	35.08	1.78	ppb
Strontium	88-1	35.27	35.19	35.57	35.34	0.56	ppb
Sulfur	34-1	106734.70	106470.33	105504.34	106236.46	0.61	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.11	0.15	0.12	26.79	ppb
Thallium	205-1	0.10	0.11	0.15	0.12	21.43	ppb
Tin	118-1	0.21	0.23	0.24	0.23	6.52	ppb
Titanium	47-1	2035.63	2026.06	2043.90	2035.19	0.44	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	15.58	ppb
Vanadium	51-2	0.22	0.20	0.24	0.22	9.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	13.49	13.73	13.12	13.45	2.30	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	27.09	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	72.08	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92427.46	91718.97	91988.59	92045.01	0.39	ppb
Antimony	121-1	21.51	21.64	21.58	21.58	0.28	ppb
Arsenic	75-2	20.55	20.85	20.73	20.71	0.73	ppb
Barium	135-1	21.30	21.63	21.56	21.49	0.82	ppb
Barium	137-1	21.24	21.80	21.26	21.43	1.48	ppb
Beryllium	9-1	21.16	20.93	21.19	21.10	0.66	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.34	28.47	28.83	28.88	1.51	ppb
Cadmium	106-1	23.42	24.52	24.57	24.17	2.68	ppb
Cadmium	111-1	20.82	21.21	21.19	21.08	1.04	ppb
Calcium	43-1	104469.77	103180.45	101759.00	103136.41	1.31	ppb
Calcium	44-1	100557.47	102748.70	101067.57	101457.91	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.58	41.50	41.10	41.39	0.62	ppb
Cobalt	59-2	22.01	21.66	21.81	21.82	0.80	ppb
Copper	63-2	28.78	29.05	28.85	28.89	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	109462.70	111404.86	110619.30	110495.62	0.88	ppb
Iron	57-2	109789.57	107363.84	108438.63	108530.68	1.12	ppb
Iron	54-2	109087.36	109036.31	109813.25	109312.30	0.40	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.65	25.43	24.94	25.01	1.59	ppb
Lead	207-1	22.95	24.09	23.55	23.53	2.43	ppb
Lead	208-1	23.62	24.27	23.90	23.93	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	93757.18	93652.11	92754.00	93387.76	0.59	ppb
Manganese	55-2	25.66	25.69	25.30	25.55	0.84	ppb
Molybdenum	94-1	1795.10	1843.98	1771.37	1803.49	2.05	ppb
Molybdenum	95-1	2080.01	2104.48	2059.11	2081.20	1.09	ppb
Molybdenum	96-1	2052.11	2056.26	2040.28	2049.55	0.40	ppb
Molybdenum	97-1	2104.59	2138.48	2057.44	2100.17	1.94	ppb
Molybdenum	98-1	2074.17	2133.55	2034.72	2080.81	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.87	26.47	25.78	26.04	1.44	ppb
Phosphorus	31-2	102015.22	102957.11	101476.34	102149.55	0.73	ppb
Potassium	39-2	99834.51	98823.67	98210.83	98956.33	0.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	21.29	21.53	20.62	21.15	2.23	ppb
Selenium	77-2	21.81	21.41	20.10	21.11	4.23	ppb
Selenium	78-2	19.60	18.70	20.39	19.56	4.32	ppb
Silicon	28-1	20.31	19.90	19.95	20.06	1.12	ppb
Silver	107-1	19.25	19.39	19.51	19.38	0.67	ppb
Silver	109-1	19.12	19.38	19.09	19.20	0.82	ppb
Sodium	23-2	100602.11	100374.34	99547.63	100174.69	0.55	ppb
Strontium	86-1	99.45	100.07	99.52	99.68	0.34	ppb
Strontium	88-1	100.12	101.83	99.94	100.63	1.04	ppb
Sulfur	34-1	109582.46	108232.73	108786.07	108867.09	0.62	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	19.83	20.44	20.00	20.09	1.57	ppb
Thallium	205-1	19.46	20.25	19.78	19.83	2.00	ppb
Tin	118-1	64.05	64.66	64.11	64.27	0.52	ppb
Titanium	47-1	2129.66	2120.22	2099.69	2116.52	0.72	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	60.89	63.20	62.27	62.12	1.87	ppb
Vanadium	51-2	20.31	20.34	20.23	20.29	0.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	29.26	29.53	28.99	29.26	0.93	ppb
Zirconium	90-1	62.89	63.89	62.96	63.25	0.88	ppb
Zirconium	91-1	63.63	64.17	63.40	63.73	0.63	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48052.16	47399.67	47259.98	47570.60	0.89	ppb
Antimony	121-1	488.33	517.16	502.26	502.58	2.87	ppb
Arsenic	75-2	508.10	511.37	493.91	504.46	1.84	ppb
Barium	135-1	2440.02	2600.16	2553.31	2531.16	3.25	ppb
Barium	137-1	2478.13	2609.92	2539.12	2542.39	2.59	ppb
Beryllium	9-1	499.52	510.32	507.76	505.87	1.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	472.20	510.74	489.46	490.80	3.93	ppb
Cadmium	106-1	472.70	495.17	494.35	487.41	2.61	ppb
Cadmium	111-1	468.58	500.08	494.44	487.70	3.44	ppb
Calcium	43-1	248551.86	247757.01	254302.61	250203.83	1.43	ppb
Calcium	44-1	245081.10	247858.43	252674.43	248537.99	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.37	519.03	495.61	506.00	2.36	ppb
Cobalt	59-2	507.05	499.02	494.75	500.27	1.25	ppb
Copper	63-2	4975.34	4982.79	4876.51	4944.88	1.20	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				94		%
Indium	115-2				91		%
Iron	56-2	135062.92	131183.02	131099.49	132448.48	1.71	ppb
Iron	57-2	129968.57	131496.33	130100.24	130521.72	0.65	ppb
Iron	54-2	133053.22	132016.68	127850.64	130973.51	2.10	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.08	2531.01	2630.85	2556.98	2.54	ppb
Lead	207-1	2529.87	2545.06	2638.94	2571.29	2.30	ppb
Lead	208-1	2535.95	2553.56	2601.56	2563.69	1.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	247667.13	248137.96	245523.71	247109.60	0.56	ppb
Manganese	55-2	5018.12	4944.69	4943.06	4968.62	0.86	ppb
Molybdenum	94-1	4992.08	5079.65	5103.16	5058.30	1.16	ppb
Molybdenum	95-1	4994.27	5025.87	5124.07	5048.07	1.34	ppb
Molybdenum	96-1	4984.50	5128.14	5060.28	5057.64	1.42	ppb
Molybdenum	97-1	5036.60	5077.86	5060.11	5058.19	0.41	ppb
Molybdenum	98-1	5117.06	5057.39	5211.91	5128.79	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.48	489.92	483.67	490.35	1.41	ppb
Phosphorus	31-2	10065.39	10118.45	9880.47	10021.44	1.25	ppb
Potassium	39-2	125484.50	124296.36	123991.65	124590.84	0.63	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	485.38	486.52	492.29	488.06	0.76	ppb
Selenium	77-2	503.39	505.35	467.87	492.20	4.29	ppb
Selenium	78-2	481.89	500.45	486.60	489.65	1.97	ppb
Silicon	28-1	462.71	478.40	481.69	474.27	2.14	ppb
Silver	107-1	502.12	525.42	513.78	513.77	2.27	ppb
Silver	109-1	484.18	524.89	517.54	508.87	4.26	ppb
Sodium	23-2	247380.50	243525.36	240618.86	243841.57	1.39	ppb
Strontium	86-1	496.90	503.76	508.38	503.01	1.15	ppb
Strontium	88-1	510.25	511.60	518.67	513.51	0.88	ppb
Sulfur	34-1	9762.76	10098.53	10427.00	10096.10	3.29	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	515.70	518.12	526.85	520.22	1.13	ppb
Thallium	205-1	505.54	506.93	520.43	510.97	1.61	ppb
Tin	118-1	492.43	523.38	502.28	506.03	3.12	ppb
Titanium	47-1	5016.61	5103.03	5234.26	5117.96	2.14	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.30	521.31	529.97	522.86	1.24	ppb
Vanadium	51-2	510.97	507.50	499.65	506.04	1.15	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	4755.03	4808.24	4711.77	4758.35	1.02	ppb
Zirconium	90-1	508.47	510.02	511.79	510.09	0.33	ppb
Zirconium	91-1	506.67	505.77	514.39	508.95	0.93	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	1.21	1.66	1.34	21.01	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	12.64	ppb
Arsenic	75-2	0.01	0.08	0.08	0.06	73.45	ppb
Barium	135-1	0.01	0.03	0.02	0.02	44.61	ppb
Barium	137-1	0.02	0.02	0.02	0.02	14.50	ppb
Beryllium	9-1	0.01	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.12	-0.09	-0.07		ppb
Cadmium	106-1	-0.76	-0.38	-0.03	-0.39		ppb
Cadmium	111-1	-0.04	-0.02	-0.01	-0.02		ppb
Calcium	43-1	5.22	3.27	-0.36	2.71	104.69	ppb
Calcium	44-1	4.73	4.69	4.28	4.56	5.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.03	0.01	191.67	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	148.84	ppb
Copper	63-2	0.61	0.60	0.61	0.61	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	1.63	1.59	1.73	1.65	4.30	ppb
Iron	57-2	0.80	2.19	2.32	1.77	47.57	ppb
Iron	54-2	1.44	2.29	3.59	2.44	44.29	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.06	0.05	12.38	ppb
Lead	207-1	0.04	0.03	0.04	0.03	13.94	ppb
Lead	208-1	0.04	0.04	0.05	0.04	8.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.00	2.05	2.27	2.11	6.67	ppb
Manganese	55-2	0.09	0.18	0.13	0.13	35.90	ppb
Molybdenum	94-1	0.11	0.10	0.08	0.10	14.24	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	11.68	ppb
Molybdenum	96-1	0.10	0.13	0.08	0.10	23.13	ppb
Molybdenum	97-1	0.12	0.08	0.09	0.10	22.57	ppb
Molybdenum	98-1	0.11	0.10	0.08	0.10	18.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.04	0.02	118.34	ppb
Phosphorus	31-2	-121.81	-124.18	-130.49	-125.49		ppb
Potassium	39-2	20.66	19.30	20.34	20.10	3.54	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.42	0.41	0.47	0.43	7.71	ppb
Selenium	77-2	0.63	0.81	0.06	0.50	77.51	ppb
Selenium	78-2	2.08	-0.41	-0.22	0.49	285.02	ppb
Silicon	28-1	-0.62	3.70	6.00	3.03	111.20	ppb
Silver	107-1	0.01	0.01	0.02	0.02	23.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.29	ppb
Sodium	23-2	20.65	20.77	21.06	20.82	1.02	ppb
Strontium	86-1	0.01	0.02	0.05	0.03	85.69	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	4.68	ppb
Sulfur	34-1	-988.82	-727.10	-754.14	-823.35		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.07	0.06	3.53	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.87	ppb
Tin	118-1	0.05	0.05	0.06	0.05	15.92	ppb
Titanium	47-1	0.02	0.07	0.01	0.03	87.20	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.00	70.70	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	130.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.26	0.19	0.19	0.21	19.87	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	37.89	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	34.29	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	20.09	19.58	19.96	1.69	ppb
Antimony	121-1	2.13	2.08	2.11	2.11	1.16	ppb
Arsenic	75-2	1.26	0.95	1.32	1.18	17.26	ppb
Barium	135-1	9.80	9.79	9.96	9.85	0.93	ppb
Barium	137-1	9.71	10.12	10.28	10.04	2.92	ppb
Beryllium	9-1	1.05	1.14	1.12	1.11	4.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	1.01	0.73	0.88	16.27	ppb
Cadmium	106-1	0.45	1.08	0.92	0.82	40.29	ppb
Cadmium	111-1	0.98	1.08	1.08	1.05	5.21	ppb
Calcium	43-1	490.97	534.14	533.24	519.45	4.75	ppb
Calcium	44-1	513.97	523.63	543.17	526.92	2.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.14	2.09	2.12	1.34	ppb
Cobalt	59-2	1.10	1.06	1.15	1.11	4.00	ppb
Copper	63-2	2.49	2.43	2.43	2.45	1.46	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				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	59.94	57.83	58.95	58.91	1.79	ppb
Iron	57-2	60.04	62.99	57.15	60.06	4.86	ppb
Iron	54-2	60.03	58.91	58.28	59.07	1.50	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.95	0.94	0.93	3.09	ppb
Lead	207-1	0.89	1.00	0.86	0.92	7.54	ppb
Lead	208-1	0.88	0.92	0.90	0.90	2.57	ppb
Lithium	6-1				98		%
Magnesium	24-2	501.19	488.79	493.76	494.58	1.26	ppb
Manganese	55-2	1.07	1.01	1.02	1.03	3.23	ppb
Molybdenum	94-1	5.88	6.25	6.05	6.06	3.11	ppb
Molybdenum	95-1	4.95	5.19	4.98	5.04	2.55	ppb
Molybdenum	96-1	4.82	5.25	4.92	5.00	4.57	ppb
Molybdenum	97-1	4.82	5.15	4.90	4.96	3.46	ppb
Molybdenum	98-1	4.95	5.28	4.98	5.07	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.02	0.78	0.91	13.55	ppb
Phosphorus	31-2	11.46	-2.76	6.48	5.06	142.67	ppb
Potassium	39-2	535.64	524.90	531.09	530.54	1.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	5.21	5.34	5.52	5.36	2.86	ppb
Selenium	77-2	6.58	5.44	5.36	5.79	11.77	ppb
Selenium	78-2	5.48	5.86	6.21	5.85	6.26	ppb
Silicon	28-1	0.57	-1.95	3.65	0.76	370.77	ppb
Silver	107-1	1.06	1.07	1.06	1.06	0.46	ppb
Silver	109-1	1.03	1.05	1.08	1.05	2.12	ppb
Sodium	23-2	509.18	493.53	493.49	498.73	1.81	ppb
Strontium	86-1	0.98	0.98	1.00	0.99	1.03	ppb
Strontium	88-1	0.99	1.07	1.06	1.04	3.72	ppb
Sulfur	34-1	-694.67	-696.43	-589.43	-660.18		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.96	1.00	0.98	0.98	1.72	ppb
Thallium	205-1	1.00	1.01	0.98	1.00	1.73	ppb
Tin	118-1	5.18	5.23	5.29	5.23	1.01	ppb
Titanium	47-1	4.61	5.10	5.19	4.97	6.30	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.92	0.93	2.37	ppb
Vanadium	51-2	5.18	5.15	5.02	5.12	1.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.24	4.96	5.01	5.07	2.91	ppb
Zirconium	90-1	1.01	1.02	0.99	1.01	1.80	ppb
Zirconium	91-1	0.91	1.01	1.04	0.99	6.57	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	674.44	662.91	667.79	668.38	0.87	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	0.09	ppb
Arsenic	75-2	0.53	0.43	0.56	0.51	12.79	ppb
Barium	135-1	13.18	12.76	12.95	12.97	1.63	ppb
Barium	137-1	12.92	13.01	13.07	13.00	0.57	ppb
Beryllium	9-1	0.21	0.29	0.25	0.25	17.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.07	-0.04	-0.04		ppb
Cadmium	106-1	0.44	-0.33	0.53	0.21	223.38	ppb
Cadmium	111-1	0.06	-0.01	0.06	0.03	124.15	ppb
Calcium	43-1	966.20	948.48	937.36	950.68	1.53	ppb
Calcium	44-1	943.98	951.15	931.88	942.34	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.55	5.55	5.73	5.61	1.83	ppb
Cobalt	59-2	0.99	0.99	0.93	0.97	3.18	ppb
Copper	63-2	4.68	4.48	4.66	4.61	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	1446.58	1450.06	1418.82	1438.49	1.19	ppb
Iron	57-2	1454.34	1433.98	1429.34	1439.22	0.92	ppb
Iron	54-2	1465.31	1446.43	1445.81	1452.52	0.76	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.91	1.95	1.95	1.93	1.32	ppb
Lead	207-1	1.61	1.82	1.76	1.73	6.19	ppb
Lead	208-1	1.78	1.84	1.81	1.81	1.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	201.53	200.22	202.12	201.29	0.48	ppb
Manganese	55-2	18.65	18.70	18.56	18.64	0.37	ppb
Molybdenum	94-1	2.34	2.22	2.15	2.24	4.30	ppb
Molybdenum	95-1	1.14	1.11	1.10	1.12	1.80	ppb
Molybdenum	96-1	1.28	1.21	1.26	1.25	2.95	ppb
Molybdenum	97-1	1.18	1.13	1.12	1.15	2.71	ppb
Molybdenum	98-1	1.12	1.14	1.16	1.14	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.31	2.29	2.32	1.49	ppb
Phosphorus	31-2	-84.65	-88.81	-73.05	-82.17		ppb
Potassium	39-2	348.20	347.69	350.34	348.74	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.27	-0.04	0.64	0.29	118.18	ppb
Selenium	77-2	2.87	3.08	2.30	2.75	14.56	ppb
Selenium	78-2	-0.94	-1.06	-2.30	-1.43		ppb
Silicon	28-1	534.45	533.75	524.16	530.79	1.08	ppb
Silver	107-1	0.02	0.01	0.02	0.01	23.16	ppb
Silver	109-1	0.01	0.01	0.02	0.01	15.43	ppb
Sodium	23-2	3119.85	3094.56	3140.02	3118.14	0.73	ppb
Strontium	86-1	11.94	11.66	11.26	11.62	2.95	ppb
Strontium	88-1	11.91	11.54	11.55	11.66	1.81	ppb
Sulfur	34-1	123.60	104.08	-0.20	75.83	87.78	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.04	0.06	0.05	16.71	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	10.26	ppb
Tin	118-1	0.15	0.15	0.17	0.16	7.89	ppb
Titanium	47-1	11.49	11.12	10.85	11.15	2.91	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.84	0.82	0.82	2.34	ppb
Vanadium	51-2	19.83	19.53	19.38	19.58	1.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	6.33	6.05	5.86	6.08	3.96	ppb
Zirconium	90-1	0.67	0.65	0.68	0.67	2.74	ppb
Zirconium	91-1	0.63	0.72	0.67	0.67	6.56	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	777.10	778.74	768.90	774.91	0.68	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	18.24	ppb
Arsenic	75-2	0.53	0.57	0.51	0.54	6.00	ppb
Barium	135-1	11.43	13.62	13.85	12.97	10.33	ppb
Barium	137-1	11.39	13.61	14.03	13.01	10.89	ppb
Beryllium	9-1	0.25	0.29	0.24	0.26	10.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.07	-0.05	0.01	895.87	ppb
Cadmium	106-1	0.76	-0.69	-0.01	0.02	3791.99	ppb
Cadmium	111-1	0.04	-0.05	0.00	0.00		ppb
Calcium	43-1	798.75	973.61	974.67	915.68	11.06	ppb
Calcium	44-1	798.44	978.99	976.37	917.93	11.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.51	6.56	6.26	6.44	2.46	ppb
Cobalt	59-2	1.06	1.05	1.00	1.04	3.20	ppb
Copper	63-2	4.72	4.77	4.63	4.71	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	1599.67	1605.61	1609.83	1605.03	0.32	ppb
Iron	57-2	1617.51	1635.70	1620.64	1624.62	0.60	ppb
Iron	54-2	1660.31	1656.54	1633.85	1650.23	0.87	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.60	2.15	2.08	1.94	15.35	ppb
Lead	207-1	1.45	1.88	1.84	1.72	13.67	ppb
Lead	208-1	1.52	1.95	1.89	1.79	13.15	ppb
Lithium	6-1				107		%
Magnesium	24-2	215.20	218.66	211.54	215.13	1.66	ppb
Manganese	55-2	19.44	19.81	19.49	19.58	1.04	ppb
Molybdenum	94-1	1.83	2.21	2.28	2.11	11.64	ppb
Molybdenum	95-1	0.77	0.84	0.89	0.83	6.80	ppb
Molybdenum	96-1	0.88	1.03	1.08	1.00	10.42	ppb
Molybdenum	97-1	0.75	0.86	0.93	0.85	10.74	ppb
Molybdenum	98-1	0.79	0.88	0.95	0.88	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.52	2.54	2.50	1.72	ppb
Phosphorus	31-2	-78.02	-78.42	-80.55	-79.00		ppb
Potassium	39-2	360.90	361.89	355.05	359.28	1.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.54	0.65	0.15	0.45	58.97	ppb
Selenium	77-2	3.73	4.45	3.16	3.78	17.11	ppb
Selenium	78-2	0.21	-0.76	-0.43	-0.33		ppb
Silicon	28-1	448.41	576.12	555.33	526.62	13.01	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.99	ppb
Sodium	23-2	3286.64	3314.00	3150.53	3250.39	2.69	ppb
Strontium	86-1	10.28	11.93	12.57	11.59	10.19	ppb
Strontium	88-1	10.22	12.08	12.72	11.68	11.11	ppb
Sulfur	34-1	-921.98	-336.57	-391.89	-550.15		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.05	0.04	16.85	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	22.92	ppb
Tin	118-1	0.13	0.14	0.17	0.15	16.71	ppb
Titanium	47-1	10.46	12.52	12.98	11.99	11.19	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.84	0.84	0.80	9.09	ppb
Vanadium	51-2	21.32	21.40	20.93	21.22	1.20	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	6.24	6.49	6.13	6.29	2.92	ppb
Zirconium	90-1	0.63	0.74	0.77	0.71	10.63	ppb
Zirconium	91-1	0.62	0.72	0.81	0.72	13.16	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	141.77	140.70	138.13	140.20	1.33	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	15.08	ppb
Arsenic	75-2	0.26	0.11	0.11	0.16	53.66	ppb
Barium	135-1	2.73	2.54	2.52	2.59	4.40	ppb
Barium	137-1	2.67	2.58	2.66	2.63	1.84	ppb
Beryllium	9-1	0.01	0.06	0.01	0.02	125.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	-0.04	0.00		ppb
Cadmium	106-1	0.18	-1.06	0.22	-0.22		ppb
Cadmium	111-1	0.00	-0.10	0.02	-0.03		ppb
Calcium	43-1	183.95	195.01	183.92	187.63	3.41	ppb
Calcium	44-1	191.43	194.10	191.66	192.40	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.16	1.18	1.11	1.15	3.12	ppb
Cobalt	59-2	0.19	0.21	0.17	0.19	10.57	ppb
Copper	63-2	1.18	1.11	1.13	1.14	3.37	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				97		%
Indium	115-2				97		%
Iron	56-2	301.35	303.42	299.51	301.43	0.65	ppb
Iron	57-2	293.33	307.37	301.55	300.75	2.35	ppb
Iron	54-2	307.04	301.04	298.93	302.34	1.39	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.40	0.38	0.39	0.39	2.24	ppb
Lead	207-1	0.39	0.36	0.35	0.36	6.60	ppb
Lead	208-1	0.38	0.35	0.37	0.37	4.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	40.60	42.05	42.05	41.57	2.02	ppb
Manganese	55-2	3.90	3.86	3.80	3.85	1.19	ppb
Molybdenum	94-1	0.41	0.44	0.47	0.44	6.18	ppb
Molybdenum	95-1	0.21	0.18	0.24	0.21	15.12	ppb
Molybdenum	96-1	0.21	0.26	0.25	0.24	10.24	ppb
Molybdenum	97-1	0.21	0.23	0.22	0.22	3.24	ppb
Molybdenum	98-1	0.21	0.23	0.20	0.21	8.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.56	0.45	0.49	11.09	ppb
Phosphorus	31-2	-123.48	-119.02	-112.03	-118.18		ppb
Potassium	39-2	82.45	80.87	77.99	80.44	2.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.33	0.25	0.19	0.26	26.74	ppb
Selenium	77-2	0.43	0.43	0.63	0.50	23.30	ppb
Selenium	78-2	-1.45	0.67	2.14	0.45	396.93	ppb
Silicon	28-1	114.00	109.88	111.28	111.72	1.87	ppb
Silver	107-1	0.00	0.00	0.01	0.00	45.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	19.40	ppb
Sodium	23-2	595.70	598.97	596.04	596.90	0.30	ppb
Strontium	86-1	2.46	2.25	2.36	2.36	4.53	ppb
Strontium	88-1	2.43	2.43	2.36	2.41	1.61	ppb
Sulfur	34-1	-943.45	-900.31	-965.23	-936.33		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.03	0.02	0.02	25.17	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	21.71	ppb
Tin	118-1	0.04	0.04	0.04	0.04	10.97	ppb
Titanium	47-1	2.32	2.27	2.44	2.34	3.83	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	1.59	ppb
Vanadium	51-2	3.94	3.97	3.97	3.96	0.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.25	1.25	1.22	1.24	1.46	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	6.06	ppb
Zirconium	91-1	0.16	0.16	0.16	0.16	1.29	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2428.81	2430.87	2397.99	2419.22	0.76	ppb
Antimony	121-1	97.97	99.49	98.17	98.54	0.84	ppb
Arsenic	75-2	0.47	0.56	0.62	0.55	13.35	ppb
Barium	135-1	433.26	435.18	433.00	433.81	0.27	ppb
Barium	137-1	438.64	441.28	439.51	439.81	0.31	ppb
Beryllium	9-1	97.30	96.18	97.95	97.14	0.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	100.43	100.93	98.94	100.10	1.04	ppb
Cadmium	106-1	99.90	98.84	98.37	99.04	0.79	ppb
Cadmium	111-1	99.23	100.02	99.32	99.52	0.43	ppb
Calcium	43-1	10660.07	10837.00	10838.33	10778.47	0.95	ppb
Calcium	44-1	10111.42	10395.52	10343.54	10283.50	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.17	99.55	98.67	98.80	0.70	ppb
Cobalt	59-2	95.34	95.47	94.55	95.12	0.53	ppb
Copper	63-2	882.21	900.16	867.19	883.19	1.87	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				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	6067.35	6101.72	6062.61	6077.23	0.35	ppb
Iron	57-2	6237.06	6311.43	6307.96	6285.48	0.67	ppb
Iron	54-2	6393.42	6434.54	6339.13	6389.03	0.75	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	477.69	471.72	457.40	468.94	2.22	ppb
Lead	207-1	480.92	475.14	468.30	474.79	1.33	ppb
Lead	208-1	478.69	475.07	468.35	474.04	1.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	9308.41	9132.60	9282.81	9241.27	1.03	ppb
Manganese	55-2	862.67	877.91	891.25	877.28	1.63	ppb
Molybdenum	94-1	907.08	929.90	937.29	924.75	1.70	ppb
Molybdenum	95-1	909.88	943.06	940.41	931.12	1.98	ppb
Molybdenum	96-1	899.67	923.30	911.10	911.36	1.30	ppb
Molybdenum	97-1	897.53	915.64	921.52	911.56	1.37	ppb
Molybdenum	98-1	917.46	942.87	950.41	936.91	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.75	97.31	96.00	96.35	0.87	ppb
Phosphorus	31-2	-79.53	-82.17	-79.96	-80.55		ppb
Potassium	39-2	4561.10	4589.20	4549.57	4566.63	0.45	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	97.39	100.61	99.16	99.05	1.62	ppb
Selenium	77-2	106.17	102.72	96.63	101.84	4.74	ppb
Selenium	78-2	97.55	95.82	97.58	96.98	1.04	ppb
Silicon	28-1	550.54	562.94	545.87	553.12	1.60	ppb
Silver	107-1	14.40	14.64	14.46	14.50	0.86	ppb
Silver	109-1	14.32	14.43	14.24	14.33	0.65	ppb
Sodium	23-2	12033.80	12000.72	11937.26	11990.59	0.41	ppb
Strontium	86-1	124.03	125.72	124.69	124.81	0.68	ppb
Strontium	88-1	124.62	127.37	125.71	125.90	1.10	ppb
Sulfur	34-1	-27.64	179.80	157.00	103.05	110.39	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	87.26	88.33	87.31	87.63	0.69	ppb
Thallium	205-1	86.59	87.72	86.72	87.01	0.71	ppb
Tin	118-1	87.86	88.54	88.50	88.30	0.43	ppb
Titanium	47-1	583.38	602.99	587.31	591.23	1.75	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	86.38	87.70	86.04	86.71	1.01	ppb
Vanadium	51-2	116.69	115.29	115.66	115.88	0.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	904.93	905.98	908.74	906.55	0.22	ppb
Zirconium	90-1	90.22	93.16	92.23	91.87	1.63	ppb
Zirconium	91-1	92.85	94.10	94.00	93.65	0.74	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2415.58	2442.72	2435.14	2431.15	0.58	ppb
Antimony	121-1	101.56	99.67	101.37	100.87	1.03	ppb
Arsenic	75-2	0.68	0.58	0.71	0.65	10.02	ppb
Barium	135-1	443.32	441.36	445.50	443.39	0.47	ppb
Barium	137-1	447.57	442.68	444.16	444.80	0.56	ppb
Beryllium	9-1	98.66	101.02	98.04	99.24	1.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	99.14	98.17	100.67	99.33	1.27	ppb
Cadmium	106-1	102.03	97.63	99.60	99.75	2.21	ppb
Cadmium	111-1	103.36	101.82	101.36	102.18	1.03	ppb
Calcium	43-1	10879.43	10711.77	10807.82	10799.67	0.78	ppb
Calcium	44-1	10607.44	10256.30	10320.89	10394.88	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.28	100.96	101.42	100.56	1.12	ppb
Cobalt	59-2	94.99	96.67	96.35	96.00	0.93	ppb
Copper	63-2	891.57	883.88	901.45	892.30	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	6180.77	6164.34	6175.07	6173.40	0.14	ppb
Iron	57-2	6204.67	6330.82	6328.41	6287.97	1.15	ppb
Iron	54-2	6292.88	6388.71	6449.14	6376.91	1.24	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	472.13	489.49	474.16	478.59	1.98	ppb
Lead	207-1	469.62	493.04	478.90	480.52	2.45	ppb
Lead	208-1	469.91	484.42	475.60	476.64	1.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	9297.01	9235.54	9356.63	9296.40	0.65	ppb
Manganese	55-2	881.63	885.71	880.68	882.67	0.30	ppb
Molybdenum	94-1	943.28	952.79	931.88	942.65	1.11	ppb
Molybdenum	95-1	951.10	936.22	911.87	933.07	2.12	ppb
Molybdenum	96-1	938.97	939.77	898.87	925.87	2.53	ppb
Molybdenum	97-1	941.54	932.58	915.82	929.98	1.40	ppb
Molybdenum	98-1	936.91	926.80	935.72	933.14	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.84	97.19	97.43	97.49	0.34	ppb
Phosphorus	31-2	-83.92	-74.58	-82.54	-80.35		ppb
Potassium	39-2	4468.07	4579.50	4530.60	4526.06	1.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	99.87	102.03	102.45	101.45	1.37	ppb
Selenium	77-2	99.99	109.57	101.12	103.56	5.06	ppb
Selenium	78-2	99.95	99.69	97.93	99.19	1.11	ppb
Silicon	28-1	552.53	557.69	555.02	555.08	0.46	ppb
Silver	107-1	14.11	13.55	13.72	13.79	2.07	ppb
Silver	109-1	13.91	13.60	13.92	13.81	1.32	ppb
Sodium	23-2	12089.79	12217.67	12188.86	12165.44	0.55	ppb
Strontium	86-1	126.98	125.23	125.57	125.93	0.74	ppb
Strontium	88-1	127.37	126.85	125.44	126.55	0.79	ppb
Sulfur	34-1	137.45	103.76	166.70	135.97	23.17	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	87.44	90.57	90.27	89.43	1.93	ppb
Thallium	205-1	86.55	89.78	89.10	88.47	1.93	ppb
Tin	118-1	90.06	90.03	89.63	89.91	0.27	ppb
Titanium	47-1	599.69	588.86	598.65	595.73	1.00	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	86.91	90.12	89.14	88.73	1.85	ppb
Vanadium	51-2	115.95	118.28	117.42	117.22	1.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	904.58	917.70	920.16	914.15	0.92	ppb
Zirconium	90-1	93.36	93.29	92.97	93.21	0.22	ppb
Zirconium	91-1	94.26	94.10	94.71	94.35	0.34	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2533.89	2566.77	2535.90	2545.52	0.72	ppb
Antimony	121-1	101.58	99.27	99.52	100.12	1.27	ppb
Arsenic	75-2	0.54	0.58	0.55	0.56	4.40	ppb
Barium	135-1	446.62	434.27	438.99	439.96	1.42	ppb
Barium	137-1	452.69	437.85	440.67	443.74	1.78	ppb
Beryllium	9-1	98.65	98.61	98.66	98.64	0.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.90	98.55	98.32	98.25	0.33	ppb
Cadmium	106-1	105.76	97.91	99.14	100.94	4.18	ppb
Cadmium	111-1	102.76	99.78	100.37	100.97	1.56	ppb
Calcium	43-1	10568.84	10792.15	10982.61	10781.20	1.92	ppb
Calcium	44-1	10353.62	10253.48	10426.66	10344.59	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.31	102.03	101.57	101.30	0.88	ppb
Cobalt	59-2	96.97	99.20	98.64	98.27	1.18	ppb
Copper	63-2	904.16	911.19	907.63	907.66	0.39	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				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	6251.95	6417.66	6290.82	6320.14	1.37	ppb
Iron	57-2	6340.00	6588.24	6448.42	6458.88	1.93	ppb
Iron	54-2	6492.94	6690.44	6572.33	6585.24	1.51	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	477.91	484.73	477.58	480.07	0.84	ppb
Lead	207-1	481.42	485.00	476.56	480.99	0.88	ppb
Lead	208-1	478.74	485.10	475.66	479.83	1.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	9473.74	9610.10	9558.38	9547.41	0.72	ppb
Manganese	55-2	885.29	912.14	917.31	904.91	1.90	ppb
Molybdenum	94-1	925.79	929.22	930.48	928.49	0.26	ppb
Molybdenum	95-1	917.06	907.44	938.59	921.03	1.73	ppb
Molybdenum	96-1	918.74	913.49	929.86	920.70	0.91	ppb
Molybdenum	97-1	929.03	937.18	925.22	930.47	0.66	ppb
Molybdenum	98-1	928.66	932.94	939.81	933.80	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.22	100.67	99.05	98.98	1.74	ppb
Phosphorus	31-2	-83.96	-75.22	-84.23	-81.14		ppb
Potassium	39-2	4490.50	4637.02	4645.04	4590.85	1.90	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	98.60	99.24	100.85	99.56	1.16	ppb
Selenium	77-2	97.08	103.72	99.90	100.23	3.32	ppb
Selenium	78-2	97.85	97.47	96.97	97.43	0.45	ppb
Silicon	28-1	559.65	569.87	571.99	567.17	1.16	ppb
Silver	107-1	15.03	14.60	14.73	14.79	1.50	ppb
Silver	109-1	15.07	14.43	14.75	14.75	2.19	ppb
Sodium	23-2	12225.59	12556.37	12438.33	12406.76	1.35	ppb
Strontium	86-1	125.31	124.08	124.95	124.78	0.51	ppb
Strontium	88-1	128.04	128.08	126.29	127.47	0.80	ppb
Sulfur	34-1	78.02	167.49	182.44	142.65	39.58	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	88.69	89.74	88.67	89.03	0.69	ppb
Thallium	205-1	87.91	90.20	88.45	88.85	1.35	ppb
Tin	118-1	91.21	88.33	88.71	89.41	1.75	ppb
Titanium	47-1	590.17	605.13	602.33	599.21	1.33	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	88.24	89.06	88.85	88.72	0.48	ppb
Vanadium	51-2	118.32	120.85	118.73	119.30	1.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	920.86	951.99	938.29	937.05	1.66	ppb
Zirconium	90-1	94.19	93.71	94.61	94.17	0.48	ppb
Zirconium	91-1	94.37	94.11	95.16	94.55	0.58	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48642.47	47174.39	46687.47	47501.44	2.14	ppb
Antimony	121-1	501.96	515.46	512.75	510.06	1.40	ppb
Arsenic	75-2	496.10	493.11	502.15	497.12	0.93	ppb
Barium	135-1	2557.21	2577.71	2589.17	2574.70	0.63	ppb
Barium	137-1	2523.38	2620.36	2579.02	2574.26	1.89	ppb
Beryllium	9-1	503.71	519.12	507.60	510.14	1.57	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.23	493.74	507.16	498.71	1.47	ppb
Cadmium	106-1	493.76	497.13	499.09	496.66	0.54	ppb
Cadmium	111-1	486.52	496.77	501.22	494.83	1.52	ppb
Calcium	43-1	253881.37	249748.06	249774.83	251134.75	0.95	ppb
Calcium	44-1	248591.21	251438.50	248980.93	249670.21	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.89	508.03	488.29	503.40	2.66	ppb
Cobalt	59-2	507.74	494.78	487.48	496.67	2.07	ppb
Copper	63-2	4848.31	4856.60	4811.10	4838.67	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	133677.95	132113.90	129037.43	131609.76	1.79	ppb
Iron	57-2	131816.72	130526.09	127754.44	130032.42	1.60	ppb
Iron	54-2	133222.66	133004.67	129017.18	131748.17	1.80	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2641.46	2555.45	2599.68	2598.86	1.65	ppb
Lead	207-1	2614.49	2526.23	2597.38	2579.37	1.81	ppb
Lead	208-1	2585.67	2537.82	2596.66	2573.38	1.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	255525.05	251985.26	248000.00	251836.77	1.49	ppb
Manganese	55-2	5082.82	5006.86	4921.51	5003.73	1.61	ppb
Molybdenum	94-1	4981.34	5144.03	5109.33	5078.23	1.69	ppb
Molybdenum	95-1	5017.81	5199.34	5076.08	5097.74	1.82	ppb
Molybdenum	96-1	5044.87	5171.19	5084.81	5100.29	1.27	ppb
Molybdenum	97-1	5064.30	5198.16	5159.81	5140.76	1.34	ppb
Molybdenum	98-1	5105.94	5226.41	5094.91	5142.42	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.51	484.46	480.77	485.25	1.01	ppb
Phosphorus	31-2	10254.06	10021.92	9938.15	10071.38	1.62	ppb
Potassium	39-2	124507.39	124911.33	122755.55	124058.09	0.92	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	82-1	479.63	493.69	483.30	485.54	1.50	ppb
Selenium	77-2	475.98	484.15	477.83	479.32	0.89	ppb
Selenium	78-2	475.26	480.22	478.85	478.11	0.54	ppb
Silicon	28-1	482.78	486.25	491.85	486.96	0.94	ppb
Silver	107-1	504.21	519.93	523.56	515.90	1.99	ppb
Silver	109-1	521.08	523.41	515.85	520.11	0.74	ppb
Sodium	23-2	244093.75	241199.73	236662.42	240651.97	1.56	ppb
Strontium	86-1	498.16	513.36	505.03	505.52	1.51	ppb
Strontium	88-1	503.96	522.81	516.08	514.28	1.86	ppb
Sulfur	34-1	10155.06	10246.98	10305.12	10235.72	0.74	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	522.84	524.27	521.40	522.84	0.27	ppb
Thallium	205-1	518.53	523.54	518.58	520.22	0.55	ppb
Tin	118-1	511.08	519.62	517.62	516.11	0.87	ppb
Titanium	47-1	5104.05	5193.32	5064.57	5120.65	1.29	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.39	524.94	526.56	527.96	0.74	ppb
Vanadium	51-2	504.96	504.77	493.87	501.20	1.27	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	4744.25	4732.86	4671.48	4716.20	0.83	ppb
Zirconium	90-1	500.42	519.97	507.49	509.29	1.94	ppb
Zirconium	91-1	503.36	521.54	510.13	511.68	1.80	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.57	2.37	2.00	2.32	12.51	ppb
Antimony	121-1	0.08	0.09	0.11	0.09	15.04	ppb
Arsenic	75-2	-0.04	-0.01	0.00	-0.02		ppb
Barium	135-1	0.03	0.06	0.07	0.06	43.95	ppb
Barium	137-1	0.05	0.04	0.06	0.05	19.13	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.09	-0.04	-0.06		ppb
Cadmium	106-1	0.27	0.21	0.14	0.21	32.67	ppb
Cadmium	111-1	0.03	0.04	0.04	0.03	15.58	ppb
Calcium	43-1	5.47	6.00	6.26	5.91	6.82	ppb
Calcium	44-1	8.45	6.79	6.65	7.30	13.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	52.56	ppb
Copper	63-2	0.42	0.27	0.35	0.35	22.62	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	3.62	3.46	3.46	3.52	2.66	ppb
Iron	57-2	4.13	1.69	4.46	3.43	44.07	ppb
Iron	54-2	4.12	2.05	4.40	3.52	36.42	ppb
Krypton	83-1						cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.07	0.06	0.06	6.34	ppb
Lead	207-1	0.09	0.04	0.04	0.05	49.14	ppb
Lead	208-1	0.07	0.05	0.04	0.05	22.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.37	5.88	6.00	5.75	5.84	ppb
Manganese	55-2	0.22	0.19	0.22	0.21	8.04	ppb
Molybdenum	94-1	0.25	0.17	0.17	0.19	24.25	ppb
Molybdenum	95-1	0.18	0.18	0.17	0.18	5.58	ppb
Molybdenum	96-1	0.20	0.14	0.19	0.17	18.25	ppb
Molybdenum	97-1	0.15	0.14	0.17	0.15	9.02	ppb
Molybdenum	98-1	0.18	0.15	0.16	0.16	8.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.04	0.02	120.22	ppb
Phosphorus	31-2	-125.05	-126.93	-124.58	-125.52		ppb
Potassium	39-2	23.78	24.05	22.54	23.46	3.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.11	0.39	0.59	0.29	125.59	ppb
Selenium	77-2	-0.12	-0.12	0.43	0.06	498.58	ppb
Selenium	78-2	-0.56	0.34	0.75	0.18	373.60	ppb
Silicon	28-1	3.47	2.02	0.13	1.87	89.56	ppb
Silver	107-1	0.03	0.02	0.03	0.03	16.39	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.52	ppb
Sodium	23-2	23.03	23.11	23.38	23.17	0.78	ppb
Strontium	86-1	0.01	0.03	0.06	0.03	75.32	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	19.83	ppb
Sulfur	34-1	-594.97	-545.04	-654.07	-598.03		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.25	ppb
Thallium	205-1	0.06	0.05	0.06	0.05	7.16	ppb
Tin	118-1	0.02	0.06	0.06	0.05	44.24	ppb
Titanium	47-1	0.14	0.11	0.09	0.11	24.81	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.01	0.01	65.48	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	60.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	0.37	0.26	0.29	0.31	18.59	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	14.35	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	74.34	ppb

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	170	123	164	23.49	cps
Antimony	121-1	43	33	57	44	26.35	cps
Arsenic	75-2	50	37	37	41	18.72	cps
Barium	135-1	70	73	63	69	7.39	cps
Barium	137-1	73	147	77	99	41.88	cps
Beryllium	9-1	120	133	137	130	6.79	cps
Bismuth	209-1	2517961	2571367	2521457	2536928	1.18	cps
Bismuth	209-2	2519982	2502840	2509776	2510866	0.34	cps
Bromine	81-1	37033	37361	37434	37276	0.57	cps
Bromine	81-2	277	273	273	274	0.70	cps
Cadmium	108-1	20	10	17	16	32.73	cps
Cadmium	106-1	1617	1697	1430	1581	8.66	cps
Cadmium	111-1	1198	1267	1089	1185	7.57	cps
Calcium	43-1	390	410	393	398	2.69	cps
Calcium	44-1	8716	8549	8273	8513	2.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	563	743	617	641	14.42	cps
Cobalt	59-2	190	173	190	184	5.21	cps
Copper	63-2	2857	2964	2890	2904	1.88	cps
Dysprosium	156-1	13	3	10	9	57.30	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	20	23	27	23	14.29	cps
Erbium	164-2	33	23	20	26	27.15	cps
Gadolinium	160-1	20	17	20	19	10.18	cps
Gadolinium	160-2	180	187	217	194	10.05	cps
Holmium	165-1	4309591	4340798	4385043	4345144	0.87	cps
Holmium	165-2	3542077	3519926	3580031	3547345	0.86	cps
Indium	115-1	3807343	3874445	3856645	3846144	0.90	cps
Indium	115-2	1605271	1597666	1605091	1602676	0.27	cps
Iron	56-2	28153	27752	27822	27909	0.77	cps
Iron	57-2	1270	1227	1237	1245	1.82	cps
Iron	54-2	3100	3110	3154	3121	0.91	cps
Krypton	83-1	387	490	397	424	13.43	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	910	957	1033	967	6.44	cps
Lead	207-1	870	873	920	888	3.15	cps
Lead	208-1	3867	4004	4047	3972	2.37	cps
Lithium	6-1	484440	478468	482204	481704	0.63	cps
Magnesium	24-2	527	603	557	562	6.87	cps
Manganese	55-2	1180	1193	1310	1228	5.83	cps
Molybdenum	94-1	133	153	163	150	10.18	cps
Molybdenum	95-1	87	73	117	92	24.07	cps
Molybdenum	96-1	237	237	250	241	3.19	cps
Molybdenum	97-1	67	60	67	64	5.98	cps
Molybdenum	98-1	137	133	127	132	3.85	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	230	263	333	276	19.14	cps
Phosphorus	31-2	230	263	247	247	6.76	cps
Potassium	39-2	55427	56454	56357	56079	1.01	cps
Rhodium	103-1	3623832	3626937	3611726	3620832	0.22	cps
Rhodium	103-2	2267305	2287324	2283078	2279236	0.46	cps
Scandium	45-1	2252638	2245870	2244496	2247668	0.19	cps
Scandium	45-2	211525	209884	210320	210576	0.40	cps
Selenium	82-1	161	96	182	147	30.54	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	960	833	970	921	8.27	cps
Silicon	28-1	1274260	1291209	1288493	1284654	0.71	cps
Silver	107-1	20	60	30	37	56.77	cps
Silver	109-1	37	40	27	34	20.14	cps
Sodium	23-2	11848	12098	12118	12021	1.25	cps
Strontium	86-1	690	627	687	668	5.34	cps
Strontium	88-1	153	137	133	141	7.59	cps
Sulfur	34-1	141303	142658	143771	142577	0.87	cps
Terbium	159-1	4559788	4487046	4484924	4510586	0.94	cps
Terbium	159-2	3560157	3588510	3511731	3553466	1.09	cps
Thallium	203-1	383	377	293	351	14.28	cps
Thallium	205-1	880	863	823	856	3.40	cps
Tin	118-1	940	997	943	960	3.31	cps
Titanium	47-1	60	73	73	69	11.17	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:08:42 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	383	407	317	369	12.66	cps
Vanadium	51-2	40	47	40	42	9.12	cps
Yttrium	89-1	6414429	6457418	6398127	6423325	0.48	cps
Yttrium	89-2	1927614	1928592	1894765	1916990	1.00	cps
Zinc	66-2	437	380	453	423	9.08	cps
Zirconium	90-1	333	310	380	341	10.45	cps
Zirconium	91-1	57	70	70	66	11.74	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3514	3520	3330	3455	3.12	cps
Antimony	121-1	13223	12642	12189	12685	4.09	cps
Arsenic	75-2	503	467	500	490	4.14	cps
Barium	135-1	16063	16079	15839	15993	0.84	cps
Barium	137-1	27637	27994	27403	27678	1.08	cps
Beryllium	9-1	1097	1013	1023	1044	4.36	cps
Bismuth	209-1	2569887	2587830	2498469	2552062	1.85	cps
Bismuth	209-2	2525922	2510905	2514231	2517019	0.31	cps
Bromine	81-1	37875	37183	37965	37675	1.14	cps
Bromine	81-2	233	280	220	244	12.89	cps
Cadmium	108-1	160	140	160	153	7.53	cps
Cadmium	106-1	1843	1847	1830	1840	0.48	cps
Cadmium	111-1	3169	3085	2839	3031	5.65	cps
Calcium	43-1	10137	9930	10020	10029	1.03	cps
Calcium	44-1	169067	167656	167535	168086	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6578	6715	6878	6724	2.23	cps
Cobalt	59-2	5024	4988	5034	5015	0.49	cps
Copper	63-2	9250	9530	9663	9481	2.23	cps
Dysprosium	156-1	10	3	0	4	114.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	37	30	33	33	10.01	cps
Erbium	164-2	33	17	27	26	32.81	cps
Gadolinium	160-1	27	0	23	17	87.18	cps
Gadolinium	160-2	197	210	200	202	3.43	cps
Holmium	165-1	4392554	4335041	4302633	4343409	1.05	cps
Holmium	165-2	3638783	3610094	3557099	3601992	1.15	cps
Indium	115-1	3885479	3888788	3795892	3856720	1.37	cps
Indium	115-2	1596519	1594568	1595346	1595478	0.06	cps
Iron	56-2	174860	175855	176334	175683	0.43	cps
Iron	57-2	5034	5161	5018	5071	1.55	cps
Iron	54-2	11454	11444	11441	11447	0.06	cps
Krypton	83-1	317	457	420	398	18.25	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4611	4944	4808	4788	3.50	cps
Lead	207-1	4231	4187	4411	4276	2.77	cps
Lead	208-1	18869	19119	19449	19145	1.52	cps
Lithium	6-1	497598	487761	486493	490617	1.24	cps
Magnesium	24-2	136539	138678	136156	137124	0.99	cps
Manganese	55-2	3757	3901	4077	3912	4.10	cps
Molybdenum	94-1	13947	14407	13903	14086	1.98	cps
Molybdenum	95-1	16603	17083	16716	16801	1.50	cps
Molybdenum	96-1	18909	18979	17858	18582	3.38	cps
Molybdenum	97-1	10537	10247	10694	10493	2.16	cps
Molybdenum	98-1	26708	26738	26471	26639	0.55	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1307	1213	1287	1269	3.87	cps
Phosphorus	31-2	2824	2680	2767	2757	2.62	cps
Potassium	39-2	242559	243928	241337	242608	0.53	cps
Rhodium	103-1	3613007	3576355	3563074	3584145	0.72	cps
Rhodium	103-2	2287675	2252551	2305448	2281891	1.18	cps
Scandium	45-1	2271950	2250298	2181279	2234509	2.12	cps
Scandium	45-2	210606	211428	209495	210510	0.46	cps
Selenium	82-1	1017	926	904	949	6.32	cps
Selenium	77-2	107	100	67	91	23.52	cps
Selenium	78-2	1087	1080	1153	1107	3.66	cps
Silicon	28-1	1287868	1282100	1258433	1276134	1.22	cps
Silver	107-1	10130	9954	9913	9999	1.15	cps
Silver	109-1	9390	9266	9140	9265	1.35	cps
Sodium	23-2	229287	227395	224330	227004	1.10	cps
Strontium	86-1	2890	2940	2827	2886	1.97	cps
Strontium	88-1	19683	20124	19540	19782	1.54	cps
Sulfur	34-1	154659	156283	155236	155393	0.53	cps
Terbium	159-1	4513859	4620869	4475460	4536730	1.66	cps
Terbium	159-2	3553510	3491696	3522960	3522722	0.88	cps
Thallium	203-1	6038	5751	5985	5925	2.57	cps
Thallium	205-1	14041	14298	13797	14045	1.78	cps
Tin	118-1	28939	29233	29243	29138	0.59	cps
Titanium	47-1	4814	4731	4434	4660	4.29	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P7
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:15:19 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16827	16944	16851	16874	0.37	cps
Vanadium	51-2	12896	12605	12562	12688	1.43	cps
Yttrium	89-1	6453228	6423917	6353313	6410153	0.80	cps
Yttrium	89-2	1901199	1939406	1915687	1918764	1.01	cps
Zinc	66-2	3710	3694	3741	3715	0.64	cps
Zirconium	90-1	12692	12472	12739	12634	1.13	cps
Zirconium	91-1	2614	2700	2760	2691	2.74	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172032	172736	170320	171696	0.72	cps
Antimony	121-1	309496	309142	309735	309458	0.10	cps
Arsenic	75-2	22020	21636	21469	21708	1.30	cps
Barium	135-1	407966	408928	406078	407658	0.36	cps
Barium	137-1	712626	712641	707787	711018	0.39	cps
Beryllium	9-1	49816	49759	48810	49462	1.14	cps
Bismuth	209-1	2499957	2525991	2492279	2506075	0.71	cps
Bismuth	209-2	2441526	2418026	2395191	2418248	0.96	cps
Bromine	81-1	36689	35907	36505	36367	1.12	cps
Bromine	81-2	163	180	183	176	6.10	cps
Cadmium	108-1	7249	7625	7022	7299	4.18	cps
Cadmium	106-1	10998	11501	11635	11378	2.95	cps
Cadmium	111-1	97389	97866	97292	97516	0.32	cps
Calcium	43-1	100342	99621	99929	99964	0.36	cps
Calcium	44-1	1564905	1566442	1542411	1557919	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152274	151165	149264	150901	1.01	cps
Cobalt	59-2	238946	237077	235592	237205	0.71	cps
Copper	63-2	1817381	1798925	1744513	1786940	2.12	cps
Dysprosium	156-1	27	10	3	13	90.16	cps
Dysprosium	156-2	7	20	27	18	57.27	cps
Erbium	164-1	17	13	13	14	13.35	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	27	30	17	24	28.38	cps
Gadolinium	160-2	197	210	167	191	11.61	cps
Holmium	165-1	4334068	4286258	4317026	4312451	0.56	cps
Holmium	165-2	3539332	3420779	3458066	3472726	1.75	cps
Indium	115-1	3715477	3732302	3668046	3705275	0.90	cps
Indium	115-2	1558836	1551961	1550584	1553793	0.28	cps
Iron	56-2	7220044	7145874	7172034	7179317	0.52	cps
Iron	57-2	187788	186320	184673	186260	0.84	cps
Iron	54-2	418950	413630	409660	414080	1.13	cps
Krypton	83-1	383	387	450	407	9.24	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1125508	1130742	1126126	1127459	0.25	cps
Lead	207-1	991090	995223	994747	993687	0.23	cps
Lead	208-1	4599931	4643397	4633595	4625641	0.49	cps
Lithium	6-1	484119	481079	480260	481819	0.42	cps
Magnesium	24-2	1425267	1396217	1368240	1396574	2.04	cps
Manganese	55-2	1357638	1360111	1349014	1355588	0.43	cps
Molybdenum	94-1	1164056	1171664	1170614	1168778	0.35	cps
Molybdenum	95-1	1697143	1712879	1686227	1698749	0.79	cps
Molybdenum	96-1	1822604	1840729	1849937	1837757	0.76	cps
Molybdenum	97-1	1041178	1047514	1044500	1044397	0.30	cps
Molybdenum	98-1	2622998	2681618	2645348	2649988	1.12	cps
Neodymium	150-1	17	37	40	31	40.56	cps
Neodymium	150-2	10	13	27	17	52.93	cps
Nickel	60-2	67283	67139	65583	66668	1.41	cps
Phosphorus	31-2	10253	10297	10367	10306	0.56	cps
Potassium	39-2	1027893	1031757	1018753	1026134	0.65	cps
Rhodium	103-1	3435557	3434679	3456277	3442171	0.36	cps
Rhodium	103-2	2229619	2176928	2169088	2191878	1.50	cps
Scandium	45-1	2146314	2160426	2159529	2155423	0.37	cps
Scandium	45-2	205079	206483	204042	205201	0.60	cps
Selenium	82-1	7939	8137	7880	7985	1.69	cps
Selenium	77-2	827	910	873	870	4.80	cps
Selenium	78-2	4104	4064	4057	4075	0.62	cps
Silicon	28-1	1825497	1860974	1844256	1843576	0.96	cps
Silver	107-1	485056	483808	487268	485377	0.36	cps
Silver	109-1	461378	464235	463893	463169	0.34	cps
Sodium	23-2	2295871	2221878	2217763	2245171	1.96	cps
Strontium	86-1	111145	112149	112230	111842	0.54	cps
Strontium	88-1	971190	975630	962398	969739	0.69	cps
Sulfur	34-1	176212	175717	175932	175954	0.14	cps
Terbium	159-1	4409572	4373013	4370685	4384423	0.50	cps
Terbium	159-2	3480411	3437055	3488166	3468544	0.79	cps
Thallium	203-1	284338	284982	284961	284760	0.13	cps
Thallium	205-1	660992	662664	671556	665071	0.85	cps
Tin	118-1	275346	278349	276631	276775	0.54	cps
Titanium	47-1	446970	448040	446320	447110	0.19	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P7
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:18:37 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	831440	837536	835446	834807	0.37	cps
Vanadium	51-2	130884	129729	127765	129459	1.22	cps
Yttrium	89-1	6224087	6247790	6247171	6239683	0.22	cps
Yttrium	89-2	1877873	1863945	1859659	1867159	0.51	cps
Zinc	66-2	373559	369988	369819	371122	0.57	cps
Zirconium	90-1	579533	581907	579151	580197	0.26	cps
Zirconium	91-1	129283	130356	129357	129665	0.46	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	399269	399563	393999	397610	0.79	cps
Antimony	121-1	744055	756996	747563	749538	0.89	cps
Arsenic	75-2	51319	50917	50268	50835	1.04	cps
Barium	135-1	983833	995944	974836	984871	1.08	cps
Barium	137-1	1713856	1765763	1720944	1733521	1.62	cps
Beryllium	9-1	117994	120939	120436	119790	1.32	cps
Bismuth	209-1	2547389	2553684	2505858	2535644	1.02	cps
Bismuth	209-2	2343098	2446783	2348759	2379547	2.45	cps
Bromine	81-1	32990	32706	32379	32692	0.94	cps
Bromine	81-2	160	130	150	147	10.41	cps
Cadmium	108-1	16967	17040	16520	16842	1.67	cps
Cadmium	106-1	25536	24968	24734	25079	1.64	cps
Cadmium	111-1	230995	235504	234863	233788	1.04	cps
Calcium	43-1	240801	241156	241757	241238	0.20	cps
Calcium	44-1	3728883	3676824	3723386	3709698	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358226	356486	357771	357494	0.25	cps
Cobalt	59-2	561026	561129	554080	558745	0.72	cps
Copper	63-2	4220406	4215231	4191151	4208930	0.37	cps
Dysprosium	156-1	27	13	23	21	32.88	cps
Dysprosium	156-2	50	60	60	57	10.19	cps
Erbium	164-1	40	23	37	33	26.47	cps
Erbium	164-2	30	30	17	26	30.11	cps
Gadolinium	160-1	10	23	20	18	39.03	cps
Gadolinium	160-2	197	200	173	190	7.65	cps
Holmium	165-1	4234159	4311421	4260237	4268606	0.92	cps
Holmium	165-2	3499261	3462775	3470362	3477466	0.55	cps
Indium	115-1	3692484	3650540	3621722	3654915	0.97	cps
Indium	115-2	1503133	1507405	1505569	1505369	0.14	cps
Iron	56-2	17137661	16902699	16859334	16966565	0.88	cps
Iron	57-2	443308	441376	441801	442162	0.23	cps
Iron	54-2	979482	973042	975243	975922	0.34	cps
Krypton	83-1	413	360	423	399	8.54	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2770612	2853792	2809048	2811151	1.48	cps
Lead	207-1	2583922	2576298	2575019	2578413	0.19	cps
Lead	208-1	11464170	11704143	11537006	11568440	1.06	cps
Lithium	6-1	484357	478790	479346	480831	0.64	cps
Magnesium	24-2	3377095	3370354	3343079	3363509	0.54	cps
Manganese	55-2	3205163	3220315	3150142	3191873	1.16	cps
Molybdenum	94-1	2781414	2817424	2753467	2784102	1.15	cps
Molybdenum	95-1	4033497	4093386	3954546	4027143	1.73	cps
Molybdenum	96-1	4439545	4449096	4393853	4427498	0.67	cps
Molybdenum	97-1	2523673	2492408	2503043	2506375	0.63	cps
Molybdenum	98-1	6471134	6462309	6233284	6388909	2.11	cps
Neodymium	150-1	77	57	37	57	35.29	cps
Neodymium	150-2	17	23	20	20	16.65	cps
Nickel	60-2	144380	145633	143267	144427	0.82	cps
Phosphorus	31-2	24496	23872	23822	24063	1.56	cps
Potassium	39-2	2286338	2238936	2272638	2265971	1.08	cps
Rhodium	103-1	3444224	3409765	3354271	3402753	1.33	cps
Rhodium	103-2	2152609	2164439	2132962	2150003	0.74	cps
Scandium	45-1	2149832	2049533	2071858	2090408	2.52	cps
Scandium	45-2	196868	196545	196375	196596	0.13	cps
Selenium	82-1	18779	19257	19094	19043	1.27	cps
Selenium	77-2	2314	2217	2394	2308	3.83	cps
Selenium	78-2	8349	8392	8366	8369	0.26	cps
Silicon	28-1	2584368	2534866	2555931	2558389	0.97	cps
Silver	107-1	1150671	1173322	1147111	1157035	1.23	cps
Silver	109-1	1105863	1113420	1092794	1104026	0.95	cps
Sodium	23-2	5318358	5304354	5392302	5338338	0.89	cps
Strontium	86-1	265338	268195	266189	266574	0.55	cps
Strontium	88-1	2338687	2382704	2355998	2359130	0.94	cps
Sulfur	34-1	211684	209219	207492	209465	1.01	cps
Terbium	159-1	4516601	4379754	4334051	4410135	2.15	cps
Terbium	159-2	3448302	3406354	3440829	3431828	0.65	cps
Thallium	203-1	690565	704018	703361	699315	1.08	cps
Thallium	205-1	1626438	1651456	1642801	1640232	0.77	cps
Tin	118-1	669984	670823	662740	667849	0.67	cps
Titanium	47-1	1060610	1067897	1058321	1062276	0.47	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P7
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:21:48 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2161725	2241512	2197128	2200122	1.82	cps
Vanadium	51-2	307026	305955	304560	305847	0.40	cps
Yttrium	89-1	6184864	6170568	5962082	6105838	2.04	cps
Yttrium	89-2	1795278	1800244	1821264	1805595	0.76	cps
Zinc	66-2	891486	883270	873279	882679	1.03	cps
Zirconium	90-1	1383413	1399511	1383402	1388775	0.67	cps
Zirconium	91-1	312551	311582	310137	311423	0.39	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	810253	801832	806549	806212	0.52	cps
Antimony	121-1	1469141	1483591	1493223	1481985	0.82	cps
Arsenic	75-2	105149	105840	105270	105420	0.35	cps
Barium	135-1	1976664	2069578	2074445	2040229	2.70	cps
Barium	137-1	3517240	3546720	3534707	3532889	0.42	cps
Beryllium	9-1	233319	232178	236209	233902	0.89	cps
Bismuth	209-1	2607800	2650699	2577243	2611914	1.41	cps
Bismuth	209-2	2510659	2564934	2538419	2538004	1.07	cps
Bromine	81-1	36365	35456	35924	35915	1.27	cps
Bromine	81-2	277	280	297	284	3.77	cps
Cadmium	108-1	33976	33783	34675	34145	1.37	cps
Cadmium	106-1	48919	49802	49504	49408	0.91	cps
Cadmium	111-1	460287	465362	465348	463666	0.63	cps
Calcium	43-1	473801	478538	472619	474986	0.66	cps
Calcium	44-1	7299507	7417823	7479649	7398993	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	737599	732651	726999	732416	0.72	cps
Cobalt	59-2	1147056	1145153	1131592	1141267	0.74	cps
Copper	63-2	8596688	8603204	8508401	8569431	0.62	cps
Dysprosium	156-1	23	37	43	34	29.57	cps
Dysprosium	156-2	113	117	120	117	2.86	cps
Erbium	164-1	63	60	57	60	5.55	cps
Erbium	164-2	43	60	53	52	16.07	cps
Gadolinium	160-1	33	37	53	41	26.06	cps
Gadolinium	160-2	180	193	233	202	13.73	cps
Holmium	165-1	4434607	4378676	4369926	4394403	0.80	cps
Holmium	165-2	3555593	3677653	3635276	3622841	1.71	cps
Indium	115-1	3811496	3782512	3663570	3752526	2.09	cps
Indium	115-2	1576121	1583620	1585056	1581599	0.30	cps
Iron	56-2	34663932	34921479	34457554	34680988	0.67	cps
Iron	57-2	902802	903146	895132	900360	0.50	cps
Iron	54-2	1915067	1928963	1905611	1916547	0.61	cps
Krypton	83-1	367	387	407	387	5.17	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5511249	5609281	5566354	5562295	0.88	cps
Lead	207-1	4959401	5032419	5051937	5014586	0.97	cps
Lead	208-1	22475914	22953279	22959993	22796395	1.22	cps
Lithium	6-1	498536	488449	494139	493708	1.02	cps
Magnesium	24-2	6950100	6887325	6789975	6875800	1.17	cps
Manganese	55-2	6578282	6659784	6632668	6623578	0.63	cps
Molybdenum	94-1	5488096	5627323	5626116	5580512	1.43	cps
Molybdenum	95-1	8174938	8164072	8106510	8148507	0.45	cps
Molybdenum	96-1	8862414	8939370	8932100	8911295	0.48	cps
Molybdenum	97-1	4985128	5152088	5023565	5053594	1.73	cps
Molybdenum	98-1	12814115	12888924	13034101	12912380	0.87	cps
Neodymium	150-1	117	137	150	134	12.48	cps
Neodymium	150-2	30	40	37	36	14.32	cps
Nickel	60-2	294425	293560	290553	292846	0.69	cps
Phosphorus	31-2	50473	50185	49011	49890	1.55	cps
Potassium	39-2	4632899	4665346	4642711	4646986	0.36	cps
Rhodium	103-1	3586794	3497122	3517825	3533914	1.33	cps
Rhodium	103-2	2226967	2257463	2247529	2243986	0.69	cps
Scandium	45-1	2192084	2204500	2144016	2180200	1.47	cps
Scandium	45-2	209736	208903	210039	209559	0.28	cps
Selenium	82-1	37484	37456	37805	37582	0.52	cps
Selenium	77-2	4557	4771	4651	4660	2.30	cps
Selenium	78-2	16266	16079	16416	16253	1.04	cps
Silicon	28-1	4457381	4485991	4526454	4489942	0.77	cps
Silver	107-1	2251653	2189637	2245813	2229034	1.54	cps
Silver	109-1	2140317	2141337	2171087	2150914	0.81	cps
Sodium	23-2	11022993	11060184	10681124	10921434	1.91	cps
Strontium	86-1	528494	539074	536562	534710	1.03	cps
Strontium	88-1	4670529	4739843	4720166	4710179	0.76	cps
Sulfur	34-1	281088	281626	281595	281436	0.11	cps
Terbium	159-1	4618222	4529463	4545761	4564482	1.04	cps
Terbium	159-2	3595382	3639133	3598199	3610905	0.68	cps
Thallium	203-1	1371396	1381897	1385226	1379506	0.52	cps
Thallium	205-1	3335826	3443933	3365268	3381676	1.65	cps
Tin	118-1	1311140	1338529	1337990	1329220	1.18	cps
Titanium	47-1	2098762	2153479	2119788	2124010	1.30	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P7
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:47:25 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4367739	4422035	4451414	4413729	0.96	cps
Vanadium	51-2	632620	634734	626710	631355	0.66	cps
Yttrium	89-1	6500308	6398437	6452266	6450337	0.79	cps
Yttrium	89-2	1934640	1904405	1887281	1908775	1.26	cps
Zinc	66-2	1768336	1769648	1762927	1766970	0.20	cps
Zirconium	90-1	2798909	2868368	2824189	2830489	1.24	cps
Zirconium	91-1	622144	630144	627305	626531	0.65	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1644196	1648976	1643998	1645723	0.17	cps
Antimony	121-1	3030395	3049905	3130911	3070404	1.74	cps
Arsenic	75-2	210586	209018	209900	209835	0.37	cps
Barium	135-1	4149973	4226584	4203037	4193198	0.94	cps
Barium	137-1	7140443	7140388	7119696	7133509	0.17	cps
Beryllium	9-1	475199	471791	472124	473038	0.40	cps
Bismuth	209-1	2526806	2516275	2549616	2530899	0.67	cps
Bismuth	209-2	2475325	2462744	2403645	2447238	1.56	cps
Bromine	81-1	35336	35416	35576	35443	0.35	cps
Bromine	81-2	177	210	213	200	10.14	cps
Cadmium	108-1	68504	69060	67674	68413	1.02	cps
Cadmium	106-1	95770	96313	95917	96000	0.29	cps
Cadmium	111-1	924475	926380	931584	927480	0.40	cps
Calcium	43-1	959349	953722	954644	955905	0.32	cps
Calcium	44-1	14949452	14780319	14730717	14820162	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1464284	1486244	1490164	1480230	0.94	cps
Cobalt	59-2	2271438	2291630	2283780	2282283	0.45	cps
Copper	63-2	17156716	16902064	17126729	17061836	0.82	cps
Dysprosium	156-1	73	110	60	81	31.92	cps
Dysprosium	156-2	270	240	273	261	7.03	cps
Erbium	164-1	40	80	40	53	43.30	cps
Erbium	164-2	63	57	83	68	20.47	cps
Gadolinium	160-1	40	50	67	52	25.80	cps
Gadolinium	160-2	180	250	210	213	16.46	cps
Holmium	165-1	4333191	4348213	4283208	4321538	0.79	cps
Holmium	165-2	3598275	3611142	3534757	3581391	1.14	cps
Indium	115-1	3608691	3654911	3596630	3620077	0.85	cps
Indium	115-2	1522625	1536909	1521914	1527149	0.55	cps
Iron	56-2	69921994	69569554	69134746	69542098	0.57	cps
Iron	57-2	1777571	1733983	1716042	1742532	1.82	cps
Iron	54-2	3852327	3858351	3809548	3840076	0.69	cps
Krypton	83-1	373	420	390	394	6.00	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11543679	11323028	11820688	11562465	2.16	cps
Lead	207-1	10269177	10450786	10668032	10462665	1.91	cps
Lead	208-1	46746237	46528637	47888031	47054302	1.55	cps
Lithium	6-1	481534	478629	481618	480594	0.35	cps
Magnesium	24-2	13797762	13851792	13718382	13789312	0.49	cps
Manganese	55-2	13378783	13276217	13382699	13345899	0.45	cps
Molybdenum	94-1	11257732	11423976	11510313	11397341	1.13	cps
Molybdenum	95-1	16366480	16203728	16484570	16351593	0.86	cps
Molybdenum	96-1	17848723	17947818	17809449	17868663	0.40	cps
Molybdenum	97-1	10201880	10158339	10227646	10195955	0.34	cps
Molybdenum	98-1	26190815	26320481	25924026	26145108	0.77	cps
Neodymium	150-1	250	200	220	223	11.27	cps
Neodymium	150-2	70	80	37	62	36.46	cps
Nickel	60-2	591488	585928	592118	589844	0.58	cps
Phosphorus	31-2	100171	99544	100229	99981	0.38	cps
Potassium	39-2	9252396	9298178	9260872	9270482	0.26	cps
Rhodium	103-1	3331146	3403923	3382957	3372675	1.11	cps
Rhodium	103-2	2165527	2159850	2150746	2158707	0.35	cps
Scandium	45-1	2140680	2086082	2134795	2120519	1.41	cps
Scandium	45-2	204956	205687	202483	204375	0.82	cps
Selenium	82-1	74515	73953	74011	74160	0.42	cps
Selenium	77-2	9183	9183	9473	9280	1.81	cps
Selenium	78-2	31891	31671	31781	31781	0.35	cps
Silicon	28-1	6427224	6440023	6352791	6406679	0.74	cps
Silver	107-1	4586461	4544526	4551288	4560759	0.49	cps
Silver	109-1	4374124	4336997	4356586	4355902	0.43	cps
Sodium	23-2	22156169	21882396	21714910	21917825	1.02	cps
Strontium	86-1	1081599	1071622	1076580	1076600	0.46	cps
Strontium	88-1	9588036	9312893	9533635	9478188	1.54	cps
Sulfur	34-1	416909	411577	408038	412175	1.08	cps
Terbium	159-1	4473677	4450731	4464457	4462955	0.26	cps
Terbium	159-2	3553528	3613108	3510529	3559055	1.45	cps
Thallium	203-1	3014296	2956449	3008195	2992980	1.06	cps
Thallium	205-1	7066696	7034677	7022607	7041327	0.32	cps
Tin	118-1	2723004	2729432	2774096	2742177	1.01	cps
Titanium	47-1	4297735	4331469	4334558	4321254	0.47	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P7
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:50:18 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9113290	8907762	9119808	9046954	1.33	cps
Vanadium	51-2	1273597	1272563	1259423	1268528	0.62	cps
Yttrium	89-1	6266358	6043102	6213866	6174442	1.89	cps
Yttrium	89-2	1880582	1871236	1869997	1873939	0.31	cps
Zinc	66-2	3505521	3507345	3493272	3502046	0.22	cps
Zirconium	90-1	5710026	5657008	5761952	5709662	0.92	cps
Zirconium	91-1	1267574	1264851	1269699	1267375	0.19	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3248138	3214570	3188995	3217234	0.92	cps
Antimony	121-1	5728276	5964301	5807789	5833455	2.06	cps
Arsenic	75-2	402762	402042	398170	400991	0.62	cps
Barium	135-1	7943496	8022189	8161169	8042285	1.37	cps
Barium	137-1	13817792	13826894	14025534	13890073	0.85	cps
Beryllium	9-1	888185	905427	910815	901476	1.31	cps
Bismuth	209-1	2466784	2504308	2484987	2485360	0.76	cps
Bismuth	209-2	2415004	2366932	2334628	2372188	1.70	cps
Bromine	81-1	35834	35830	35359	35674	0.76	cps
Bromine	81-2	177	270	230	226	20.76	cps
Cadmium	108-1	126445	129192	130189	128609	1.51	cps
Cadmium	106-1	180183	182407	184739	182443	1.25	cps
Cadmium	111-1	1717379	1776849	1760743	1751657	1.76	cps
Calcium	43-1	1758255	1793822	1791228	1781102	1.11	cps
Calcium	44-1	28082008	28696070	29275156	28684411	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2847097	2854407	2742931	2814812	2.22	cps
Cobalt	59-2	4420295	4407131	4454030	4427152	0.55	cps
Copper	63-2	33199778	32851555	32960352	33003895	0.54	cps
Dysprosium	156-1	143	143	130	139	5.55	cps
Dysprosium	156-2	387	417	533	446	17.39	cps
Erbium	164-1	90	100	137	109	22.57	cps
Erbium	164-2	67	97	97	87	19.98	cps
Gadolinium	160-1	70	60	80	70	14.29	cps
Gadolinium	160-2	227	290	250	256	12.53	cps
Holmium	165-1	4272971	4367753	4265670	4302131	1.32	cps
Holmium	165-2	3518077	3604870	3550560	3557836	1.23	cps
Indium	115-1	3536020	3604400	3542459	3560959	1.06	cps
Indium	115-2	1474692	1469018	1469368	1471026	0.22	cps
Iron	56-2	136015008	134831295	134856181	135234161	0.50	cps
Iron	57-2	3429188	3410972	3380120	3406760	0.73	cps
Iron	54-2	7501652	7472078	7359775	7444502	1.01	cps
Krypton	83-1	397	373	383	384	3.05	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21864976	22604926	22528766	22332889	1.82	cps
Lead	207-1	19794748	20175701	20228003	20066151	1.18	cps
Lead	208-1	90006939	91254868	91775231	91012346	1.00	cps
Lithium	6-1	481375	482887	478170	480811	0.50	cps
Magnesium	24-2	27201113	26846144	26482220	26843159	1.34	cps
Manganese	55-2	25733484	25791260	25629508	25718084	0.32	cps
Molybdenum	94-1	21869573	22451246	21963648	22094822	1.41	cps
Molybdenum	95-1	31628960	32521398	32082196	32077518	1.39	cps
Molybdenum	96-1	34724441	35396134	35213229	35111268	0.99	cps
Molybdenum	97-1	19519234	20178225	19903603	19867021	1.67	cps
Molybdenum	98-1	49857488	50952943	50171508	50327313	1.12	cps
Neodymium	150-1	413	453	393	420	7.28	cps
Neodymium	150-2	183	133	127	148	20.96	cps
Nickel	60-2	1132053	1122432	1114072	1122853	0.80	cps
Phosphorus	31-2	193139	190978	190393	191504	0.76	cps
Potassium	39-2	18187463	18015526	17774536	17992508	1.15	cps
Rhodium	103-1	3282494	3323444	3296442	3300793	0.63	cps
Rhodium	103-2	2111283	2094679	2080504	2095488	0.74	cps
Scandium	45-1	2098625	2114124	2118819	2110522	0.50	cps
Scandium	45-2	206075	202569	203612	204085	0.88	cps
Selenium	82-1	138411	141898	140572	140294	1.25	cps
Selenium	77-2	17928	17460	17484	17624	1.49	cps
Selenium	78-2	59927	59228	59232	59462	0.68	cps
Silicon	28-1	12444302	12489258	12424077	12452546	0.27	cps
Silver	107-1	8644255	8808808	8743399	8732154	0.95	cps
Silver	109-1	8326515	8308368	8362034	8332305	0.33	cps
Sodium	23-2	42991238	42947696	42768881	42902605	0.27	cps
Strontium	86-1	2075176	2127204	2152484	2118288	1.86	cps
Strontium	88-1	17945576	18468185	18547715	18320492	1.79	cps
Sulfur	34-1	673912	678875	683829	678872	0.73	cps
Terbium	159-1	4454242	4424218	4519530	4465997	1.09	cps
Terbium	159-2	3505027	3504802	3502511	3504114	0.04	cps
Thallium	203-1	5681451	5837353	5690363	5736389	1.53	cps
Thallium	205-1	13205610	13809303	13638750	13551221	2.30	cps
Tin	118-1	5161335	5300878	5306191	5256135	1.56	cps
Titanium	47-1	8283250	8375413	8427169	8361944	0.87	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P7
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:53:07 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17299823	17759953	17643363	17567713	1.36	cps
Vanadium	51-2	2505023	2504715	2487792	2499177	0.39	cps
Yttrium	89-1	6210622	6185827	6172394	6189614	0.31	cps
Yttrium	89-2	1871007	1875345	1839728	1862026	1.04	cps
Zinc	66-2	6658739	6550389	6388223	6532451	2.08	cps
Zirconium	90-1	10923796	11336499	10998317	11086204	1.98	cps
Zirconium	91-1	2408705	2505983	2467991	2460893	1.99	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17285136	16968981	17304923	17186347	1.10	cps
Antimony	121-1	2177	2380	2280	2279	4.46	cps
Arsenic	75-2	243	247	197	229	12.21	cps
Barium	135-1	3430	3254	3324	3336	2.67	cps
Barium	137-1	5631	6028	5915	5858	3.49	cps
Beryllium	9-1	163	200	173	179	10.59	cps
Bismuth	209-1	2258685	2240965	2211250	2236967	1.07	cps
Bismuth	209-2	2164467	2133106	2133964	2143846	0.83	cps
Bromine	81-1	35312	36482	37056	36283	2.45	cps
Bromine	81-2	233	287	287	269	11.45	cps
Cadmium	108-1	67	70	67	68	2.84	cps
Cadmium	106-1	1427	1613	1703	1581	8.93	cps
Cadmium	111-1	1255	1384	1449	1363	7.23	cps
Calcium	43-1	8941094	9090182	9133312	9054863	1.11	cps
Calcium	44-1	145259585	146928814	149328651	147172350	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17564	16920	17350	17278	1.90	cps
Cobalt	59-2	12268	12242	12285	12265	0.18	cps
Copper	63-2	10130	9636	10350	10039	3.64	cps
Dysprosium	156-1	167	207	197	190	10.96	cps
Dysprosium	156-2	210	193	197	200	4.41	cps
Erbium	164-1	267	287	190	248	20.59	cps
Erbium	164-2	213	250	237	233	7.95	cps
Gadolinium	160-1	233	217	190	213	10.25	cps
Gadolinium	160-2	347	367	333	349	4.81	cps
Holmium	165-1	4302233	4253870	4246817	4267640	0.71	cps
Holmium	165-2	3371577	3371844	3426098	3389840	0.93	cps
Indium	115-1	3433846	3464290	3517240	3471792	1.22	cps
Indium	115-2	1475581	1482413	1480074	1479356	0.23	cps
Iron	56-2	641992084	650729830	649565590	647429168	0.73	cps
Iron	57-2	16242524	16293586	16423956	16320022	0.57	cps
Iron	54-2	35425512	35610591	35726679	35587594	0.43	cps
Krypton	83-1	433	507	427	456	9.74	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10314	10754	10504	10524	2.10	cps
Lead	207-1	8893	9427	9297	9205	3.02	cps
Lead	208-1	41081	42787	41441	41770	2.15	cps
Lithium	6-1	471799	473517	478084	474467	0.68	cps
Magnesium	24-2	143684928	137853291	142068495	141202238	2.13	cps
Manganese	55-2	14233	13940	14117	14097	1.05	cps
Molybdenum	94-1	5168	5388	5234	5263	2.14	cps
Molybdenum	95-1	4054	5011	5011	4692	11.78	cps
Molybdenum	96-1	21386	22110	21486	21661	1.81	cps
Molybdenum	97-1	2777	2920	3004	2900	3.95	cps
Molybdenum	98-1	6221	6298	6165	6228	1.08	cps
Neodymium	150-1	140	113	120	124	11.15	cps
Neodymium	150-2	87	97	87	90	6.41	cps
Nickel	60-2	4694	4784	4711	4730	1.01	cps
Phosphorus	31-2	337	260	303	300	12.81	cps
Potassium	39-2	94198722	93417465	94209699	93941962	0.48	cps
Rhodium	103-1	3113466	3079288	3117501	3103418	0.68	cps
Rhodium	103-2	1988217	1990669	2009620	1996169	0.59	cps
Scandium	45-1	2115287	2142292	2181237	2146272	1.54	cps
Scandium	45-2	211478	211073	213233	211928	0.54	cps
Selenium	82-1	394	290	414	366	18.25	cps
Selenium	77-2	20	27	13	20	33.35	cps
Selenium	78-2	920	937	800	886	8.42	cps
Silicon	28-1	1253736	1317671	1273880	1281763	2.55	cps
Silver	107-1	603	587	447	546	15.77	cps
Silver	109-1	460	490	493	481	3.82	cps
Sodium	23-2	226531110	224120543	226490457	225714037	0.61	cps
Strontium	86-1	7729	7772	7725	7742	0.34	cps
Strontium	88-1	61916	61910	61883	61903	0.03	cps
Sulfur	34-1	137432	144640	151179	144417	4.76	cps
Terbium	159-1	4317903	4353447	4332248	4334533	0.41	cps
Terbium	159-2	3382094	3392478	3370922	3381832	0.32	cps
Thallium	203-1	720	583	633	646	10.71	cps
Thallium	205-1	1650	1617	1453	1573	6.69	cps
Tin	118-1	1960	1913	1927	1933	1.24	cps
Titanium	47-1	623	540	553	572	7.82	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P7
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 14:55:51 DataFile Name : 016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	903	810	897	870	5.99	cps
Vanadium	51-2	773	650	723	716	8.67	cps
Yttrium	89-1	6124139	6113250	6203367	6146919	0.80	cps
Yttrium	89-2	1859552	1879362	1867243	1868719	0.53	cps
Zinc	66-2	12982	13102	13496	13194	2.04	cps
Zirconium	90-1	5454	5294	5304	5351	1.68	cps
Zirconium	91-1	993	1203	1123	1107	9.58	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79474	77337	78292	78368	1.37	cps
Antimony	121-1	1180851	1175438	1176005	1177432	0.25	cps
Arsenic	75-2	82712	83949	83148	83270	0.75	cps
Barium	135-1	158683	158019	158319	158340	0.21	cps
Barium	137-1	275974	274645	276513	275711	0.35	cps
Beryllium	9-1	90455	91078	91397	90977	0.53	cps
Bismuth	209-1	2574091	2574342	2542685	2563706	0.71	cps
Bismuth	209-2	2562195	2498797	2515359	2525450	1.30	cps
Bromine	81-1	37264	36963	36208	36811	1.48	cps
Bromine	81-2	313	290	243	282	12.63	cps
Cadmium	108-1	19009	18388	18592	18663	1.70	cps
Cadmium	106-1	28922	29330	28218	28823	1.95	cps
Cadmium	111-1	192678	194858	195238	194258	0.71	cps
Calcium	43-1	45110	44030	43509	44216	1.85	cps
Calcium	44-1	661322	663736	657974	661011	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	293747	293208	295716	294224	0.45	cps
Cobalt	59-2	459370	459376	457098	458615	0.29	cps
Copper	63-2	316922	317921	319916	318253	0.48	cps
Dysprosium	156-1	7	20	17	14	48.02	cps
Dysprosium	156-2	30	10	10	17	69.28	cps
Erbium	164-1	30	20	20	23	24.74	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	33	10	10	18	75.77	cps
Gadolinium	160-2	217	180	223	207	11.29	cps
Holmium	165-1	4355171	4258769	4283475	4299138	1.16	cps
Holmium	165-2	3536873	3606643	3572273	3571930	0.98	cps
Indium	115-1	3715917	3710111	3664384	3696804	0.76	cps
Indium	115-2	1550887	1554771	1568969	1558209	0.61	cps
Iron	56-2	5375579	5323183	5318031	5338931	0.60	cps
Iron	57-2	140278	142300	140473	141017	0.79	cps
Iron	54-2	316985	318826	320439	318750	0.54	cps
Krypton	83-1	387	373	420	393	6.11	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	899512	895668	892034	895738	0.42	cps
Lead	207-1	757626	752141	753983	754583	0.37	cps
Lead	208-1	3599448	3571259	3563194	3577967	0.53	cps
Lithium	6-1	470664	469358	463666	467896	0.80	cps
Magnesium	24-2	299038	297695	302312	299681	0.79	cps
Manganese	55-2	237279	239680	241153	239371	0.82	cps
Molybdenum	94-1	10998164	11090917	11117525	11068869	0.57	cps
Molybdenum	95-1	15770441	16055103	15889580	15905041	0.90	cps
Molybdenum	96-1	17169873	17436847	17390992	17332571	0.82	cps
Molybdenum	97-1	9792827	9819628	9930934	9847796	0.74	cps
Molybdenum	98-1	25404352	25261572	25368738	25344887	0.29	cps
Neodymium	150-1	17	10	17	14	26.66	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	119820	117630	118325	118592	0.94	cps
Phosphorus	31-2	200	223	267	230	14.71	cps
Potassium	39-2	773679	772484	782518	776227	0.71	cps
Rhodium	103-1	3486770	3478858	3531422	3499017	0.81	cps
Rhodium	103-2	2249199	2201283	2220671	2223718	1.08	cps
Scandium	45-1	2190262	2140190	2146118	2158857	1.27	cps
Scandium	45-2	206858	205879	209803	207513	0.98	cps
Selenium	82-1	30948	30668	30768	30795	0.46	cps
Selenium	77-2	3731	3861	3994	3862	3.41	cps
Selenium	78-2	13506	13780	13913	13733	1.51	cps
Silicon	28-1	2924921	3001593	3011859	2979458	1.59	cps
Silver	107-1	433241	438475	439417	437044	0.76	cps
Silver	109-1	414594	414903	414369	414622	0.06	cps
Sodium	23-2	834316	831447	832912	832892	0.17	cps
Strontium	86-1	1122580	1105357	1108796	1112244	0.82	cps
Strontium	88-1	9810691	9786787	9738860	9778779	0.37	cps
Sulfur	34-1	112876	111020	108951	110949	1.77	cps
Terbium	159-1	4508207	4383434	4482896	4458179	1.48	cps
Terbium	159-2	3543295	3451212	3516275	3503594	1.35	cps
Thallium	203-1	1094996	1095912	1094833	1095247	0.05	cps
Thallium	205-1	2732359	2667572	2723689	2707873	1.30	cps
Tin	118-1	2857307	2787188	2820969	2821821	1.24	cps
Titanium	47-1	4049852	4035330	4097655	4060945	0.80	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P7
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:23:39 DataFile Name : 019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9125811	9060392	9065676	9083960	0.40	cps
Vanadium	51-2	245831	246592	244824	245749	0.36	cps
Yttrium	89-1	6328061	6192967	6290404	6270477	1.11	cps
Yttrium	89-2	1904280	1881068	1919821	1901723	1.03	cps
Zinc	66-2	125862	127186	127751	126933	0.76	cps
Zirconium	90-1	5760730	5765182	5692268	5739393	0.71	cps
Zirconium	91-1	1277458	1281493	1280415	1279788	0.16	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3744	3364	3354	3487	6.38	cps
Antimony	121-1	12179	12242	12139	12186	0.43	cps
Arsenic	75-2	463	420	480	454	6.82	cps
Barium	135-1	15826	15899	15595	15773	1.00	cps
Barium	137-1	27750	27627	27620	27666	0.27	cps
Beryllium	9-1	1023	893	1140	1019	12.11	cps
Bismuth	209-1	2530149	2484204	2454546	2489633	1.53	cps
Bismuth	209-2	2505939	2471789	2434381	2470703	1.45	cps
Bromine	81-1	37702	37421	37558	37560	0.37	cps
Bromine	81-2	253	203	277	244	15.33	cps
Cadmium	108-1	200	190	117	169	26.94	cps
Cadmium	106-1	1690	1540	1610	1613	4.65	cps
Cadmium	111-1	3043	2849	3049	2980	3.83	cps
Calcium	43-1	9907	10157	9790	9951	1.88	cps
Calcium	44-1	165115	166291	163844	165083	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6898	6551	6375	6608	4.03	cps
Cobalt	59-2	4894	5004	4904	4934	1.23	cps
Copper	63-2	9400	9586	9353	9446	1.31	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	20	40	50	37	41.66	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	20	23	17	20	16.65	cps
Gadolinium	160-2	187	190	147	174	13.82	cps
Holmium	165-1	4280253	4194470	4210521	4228415	1.08	cps
Holmium	165-2	3501911	3517238	3424839	3481330	1.42	cps
Indium	115-1	3655843	3651917	3675053	3660938	0.34	cps
Indium	115-2	1556972	1560503	1554676	1557384	0.19	cps
Iron	56-2	173967	174726	173721	174138	0.30	cps
Iron	57-2	4911	4801	4884	4865	1.18	cps
Iron	54-2	11161	11141	11461	11254	1.59	cps
Krypton	83-1	383	403	347	378	7.61	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5324	5408	5284	5339	1.18	cps
Lead	207-1	4794	4721	4808	4774	0.98	cps
Lead	208-1	21764	21674	21177	21538	1.47	cps
Lithium	6-1	469928	462951	459097	463992	1.18	cps
Magnesium	24-2	137454	137027	135047	136509	0.94	cps
Manganese	55-2	3670	3837	3817	3775	2.41	cps
Molybdenum	94-1	14134	13937	13937	14002	0.81	cps
Molybdenum	95-1	17220	17073	16453	16915	2.41	cps
Molybdenum	96-1	18802	18679	18422	18634	1.04	cps
Molybdenum	97-1	10450	10330	10450	10410	0.67	cps
Molybdenum	98-1	26955	26861	26431	26749	1.05	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1380	1420	1317	1372	3.80	cps
Phosphorus	31-2	1460	1577	1677	1571	6.90	cps
Potassium	39-2	242382	243210	242143	242578	0.23	cps
Rhodium	103-1	3448329	3405186	3335919	3396478	1.67	cps
Rhodium	103-2	2237373	2186668	2218109	2214050	1.16	cps
Scandium	45-1	2123962	2122476	2099255	2115231	0.66	cps
Scandium	45-2	203525	200562	202774	202287	0.76	cps
Selenium	82-1	945	965	993	968	2.48	cps
Selenium	77-2	70	100	73	81	20.27	cps
Selenium	78-2	1350	1277	1167	1265	7.30	cps
Silicon	28-1	1255207	1257539	1260140	1257629	0.20	cps
Silver	107-1	9236	9390	9016	9214	2.04	cps
Silver	109-1	8813	8899	8596	8769	1.78	cps
Sodium	23-2	228649	227674	227733	228019	0.24	cps
Strontium	86-1	2900	2867	3064	2944	3.58	cps
Strontium	88-1	19817	19323	19530	19556	1.27	cps
Sulfur	34-1	116513	117145	117426	117028	0.40	cps
Terbium	159-1	4370046	4292892	4363249	4342062	0.98	cps
Terbium	159-2	3540816	3374133	3445842	3453597	2.42	cps
Thallium	203-1	6051	6018	5898	5989	1.35	cps
Thallium	205-1	14104	13760	13927	13931	1.23	cps
Tin	118-1	29360	28936	28178	28824	2.08	cps
Titanium	47-1	4364	4617	4374	4452	3.22	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : LLICV01 Instrumnet Name : P7
Client Sample ID : LLICV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:32:49 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17301	16974	16958	17078	1.14	cps
Vanadium	51-2	13323	12876	12705	12968	2.46	cps
Yttrium	89-1	6241335	6201085	6109028	6183816	1.10	cps
Yttrium	89-2	1875531	1879790	1879166	1878162	0.12	cps
Zinc	66-2	3727	3687	3847	3754	2.22	cps
Zirconium	90-1	12419	11531	12379	12110	4.14	cps
Zirconium	91-1	2804	2567	2637	2669	4.56	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	180	193	210	19.51	cps
Antimony	121-1	93	90	93	92	2.08	cps
Arsenic	75-2	13	33	27	24	41.66	cps
Barium	135-1	47	53	113	71	51.64	cps
Barium	137-1	123	117	117	119	3.24	cps
Beryllium	9-1	83	123	110	106	19.30	cps
Bismuth	209-1	2529844	2504787	2448667	2494433	1.67	cps
Bismuth	209-2	2408802	2334232	2489201	2410745	3.21	cps
Bromine	81-1	37023	36455	35830	36436	1.64	cps
Bromine	81-2	253	240	230	241	4.86	cps
Cadmium	108-1	3	10	3	6	69.34	cps
Cadmium	106-1	1503	1523	1443	1490	2.79	cps
Cadmium	111-1	1143	1143	1051	1113	4.76	cps
Calcium	43-1	357	403	393	384	6.39	cps
Calcium	44-1	9383	9657	9340	9460	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	643	683	573	633	8.79	cps
Cobalt	59-2	187	213	210	203	7.15	cps
Copper	63-2	2620	2797	2607	2675	3.97	cps
Dysprosium	156-1	7	17	7	10	57.72	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	30	20	27	26	19.92	cps
Erbium	164-2	40	23	23	29	33.32	cps
Gadolinium	160-1	30	17	17	21	36.45	cps
Gadolinium	160-2	203	213	193	203	4.92	cps
Holmium	165-1	4299240	4238563	4156878	4231560	1.69	cps
Holmium	165-2	3450022	3447963	3441672	3446552	0.13	cps
Indium	115-1	3670117	3708622	3653814	3677518	0.77	cps
Indium	115-2	1542167	1529894	1537603	1536555	0.40	cps
Iron	56-2	28661	27425	27515	27867	2.47	cps
Iron	57-2	1237	1350	1290	1292	4.39	cps
Iron	54-2	3127	3040	3020	3063	1.85	cps
Krypton	83-1	433	363	517	438	17.54	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1257	1173	1100	1177	6.66	cps
Lead	207-1	1047	1023	1120	1063	4.74	cps
Lead	208-1	4837	4820	4760	4806	0.84	cps
Lithium	6-1	461550	456874	452630	457018	0.98	cps
Magnesium	24-2	767	710	753	743	3.99	cps
Manganese	55-2	1217	1340	1197	1251	6.20	cps
Molybdenum	94-1	247	213	210	223	9.08	cps
Molybdenum	95-1	167	147	143	152	8.29	cps
Molybdenum	96-1	310	333	313	319	3.96	cps
Molybdenum	97-1	93	77	123	98	24.19	cps
Molybdenum	98-1	277	287	257	273	5.59	cps
Neodymium	150-1	3	3	0	2	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	257	207	297	253	17.80	cps
Phosphorus	31-2	313	243	263	273	13.19	cps
Potassium	39-2	56086	55146	55203	55478	0.95	cps
Rhodium	103-1	3435592	3480665	3408099	3441452	1.06	cps
Rhodium	103-2	2222564	2141268	2178071	2180635	1.87	cps
Scandium	45-1	2106528	2115161	2096775	2106155	0.44	cps
Scandium	45-2	199533	200062	199445	199680	0.17	cps
Selenium	82-1	125	207	78	137	47.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	890	830	923	881	5.37	cps
Silicon	28-1	1238743	1228089	1228467	1231766	0.49	cps
Silver	107-1	77	53	73	68	18.62	cps
Silver	109-1	40	57	47	48	17.56	cps
Sodium	23-2	15381	15701	15368	15483	1.22	cps
Strontium	86-1	790	683	690	721	8.29	cps
Strontium	88-1	197	207	147	183	17.53	cps
Sulfur	34-1	114783	113699	113709	114064	0.55	cps
Terbium	159-1	4294938	4352847	4294412	4314066	0.78	cps
Terbium	159-2	3380029	3417226	3487020	3428092	1.58	cps
Thallium	203-1	443	453	403	433	6.11	cps
Thallium	205-1	763	857	957	859	11.26	cps
Tin	118-1	1143	1130	1050	1108	4.56	cps
Titanium	47-1	63	100	83	82	22.33	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P7
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:36:11 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	390	410	381	8.98	cps
Vanadium	51-2	50	30	37	39	26.18	cps
Yttrium	89-1	6200172	6080874	6190847	6157298	1.08	cps
Yttrium	89-2	1846681	1845892	1828188	1840253	0.57	cps
Zinc	66-2	560	517	590	556	6.64	cps
Zirconium	90-1	333	330	310	324	3.89	cps
Zirconium	91-1	87	70	67	74	14.39	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14933757	14842585	14738734	14838359	0.66	cps
Antimony	121-1	7812	7949	7742	7834	1.34	cps
Arsenic	75-2	307	213	223	248	20.68	cps
Barium	135-1	2290	2654	2374	2439	7.80	cps
Barium	137-1	4294	4244	4167	4235	1.51	cps
Beryllium	9-1	437	313	337	362	18.09	cps
Bismuth	209-1	2363630	2458289	2407406	2409775	1.97	cps
Bismuth	209-2	2420951	2368797	2405925	2398558	1.12	cps
Bromine	81-1	38504	37337	39787	38543	3.18	cps
Bromine	81-2	417	477	423	439	7.49	cps
Cadmium	108-1	1090	923	950	988	9.06	cps
Cadmium	106-1	1413	1400	1360	1391	2.00	cps
Cadmium	111-1	1370	1514	1487	1457	5.26	cps
Calcium	43-1	1799036	1807735	1761389	1789387	1.38	cps
Calcium	44-1	29268281	29370311	28846120	29161571	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58764	59199	57626	58530	1.39	cps
Cobalt	59-2	6028	5918	5641	5862	3.40	cps
Copper	63-2	37357	37988	38235	37860	1.20	cps
Dysprosium	156-1	37	33	27	32	15.80	cps
Dysprosium	156-2	27	20	27	24	15.75	cps
Erbium	164-1	70	30	40	47	44.61	cps
Erbium	164-2	47	60	27	44	37.74	cps
Gadolinium	160-1	20	60	43	41	48.87	cps
Gadolinium	160-2	210	180	170	187	11.15	cps
Holmium	165-1	4285400	4428850	4293293	4335847	1.86	cps
Holmium	165-2	3440128	3508412	3541791	3496777	1.48	cps
Indium	115-1	3644770	3680752	3626032	3650518	0.76	cps
Indium	115-2	1518432	1518785	1507815	1515011	0.41	cps
Iron	56-2	270988623	272303676	265719663	269670654	1.29	cps
Iron	57-2	6810887	6672191	6740090	6741056	1.03	cps
Iron	54-2	14913562	14687330	14757416	14786103	0.78	cps
Krypton	83-1	410	393	403	402	2.09	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21550	22749	22058	22119	2.72	cps
Lead	207-1	17121	17545	18002	17556	2.51	cps
Lead	208-1	81361	83844	82744	82650	1.50	cps
Lithium	6-1	450303	457118	450272	452564	0.87	cps
Magnesium	24-2	24942616	24863391	25278352	25028120	0.88	cps
Manganese	55-2	19549	20344	20010	19968	2.00	cps
Molybdenum	94-1	3639697	3634130	3635893	3636574	0.08	cps
Molybdenum	95-1	6491472	6498619	6563605	6517899	0.61	cps
Molybdenum	96-1	6977906	6797358	7074967	6950077	2.03	cps
Molybdenum	97-1	4018527	3976578	4018773	4004626	0.61	cps
Molybdenum	98-1	10261127	10253205	10244594	10252975	0.08	cps
Neodymium	150-1	30	23	27	27	12.51	cps
Neodymium	150-2	10	23	23	19	40.75	cps
Nickel	60-2	6695	6818	7352	6955	5.02	cps
Phosphorus	31-2	962855	959746	958375	960325	0.24	cps
Potassium	39-2	35695948	35367160	35606704	35556604	0.48	cps
Rhodium	103-1	3349340	3273669	3308496	3310502	1.14	cps
Rhodium	103-2	2155947	2119183	2119489	2131540	0.99	cps
Scandium	45-1	2097111	2108434	2095205	2100250	0.34	cps
Scandium	45-2	203609	201316	201366	202097	0.65	cps
Selenium	82-1	179	223	271	224	20.50	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	890	810	940	880	7.45	cps
Silicon	28-1	1238900	1248332	1254978	1247403	0.65	cps
Silver	107-1	313	350	347	337	6.02	cps
Silver	109-1	270	333	403	336	19.87	cps
Sodium	23-2	42939983	42414684	42614242	42656303	0.62	cps
Strontium	86-1	75429	74021	76136	75195	1.43	cps
Strontium	88-1	650546	652692	655541	652926	0.38	cps
Sulfur	34-1	2996913	3005979	2961280	2988057	0.79	cps
Terbium	159-1	4364319	4541086	4386307	4430571	2.17	cps
Terbium	159-2	3521270	3538920	3454724	3504971	1.27	cps
Thallium	203-1	813	950	1163	976	18.08	cps
Thallium	205-1	2034	2367	2734	2378	14.73	cps
Tin	118-1	2027	2180	2190	2132	4.29	cps
Titanium	47-1	1699938	1701081	1705297	1702105	0.17	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P7
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:44:38 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	760	753	660	724	7.72	cps
Vanadium	51-2	583	527	630	580	8.92	cps
Yttrium	89-1	6186152	6220941	6182354	6196482	0.34	cps
Yttrium	89-2	1858154	1847694	1818403	1841417	1.12	cps
Zinc	66-2	9353	9406	9006	9255	2.35	cps
Zirconium	90-1	527	623	507	552	11.30	cps
Zirconium	91-1	93	77	127	99	25.75	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15184546	14993050	15043246	15073614	0.66	cps
Antimony	121-1	128949	129618	128030	128865	0.62	cps
Arsenic	75-2	8486	8399	8502	8462	0.66	cps
Barium	135-1	35157	35691	35224	35357	0.82	cps
Barium	137-1	60374	61947	59838	60720	1.81	cps
Beryllium	9-1	18558	18167	18638	18454	1.36	cps
Bismuth	209-1	2516379	2429884	2489115	2478460	1.78	cps
Bismuth	209-2	2429433	2392610	2384889	2402310	0.99	cps
Bromine	81-1	38403	40803	41538	40248	4.07	cps
Bromine	81-2	660	590	687	646	7.73	cps
Cadmium	108-1	3907	3791	3801	3833	1.69	cps
Cadmium	106-1	5945	6145	6095	6061	1.72	cps
Cadmium	111-1	38758	39440	39014	39071	0.88	cps
Calcium	43-1	1886905	1873479	1844639	1868341	1.16	cps
Calcium	44-1	29492503	30294364	29749883	29845583	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118162	117359	116280	117267	0.81	cps
Cobalt	59-2	97635	95605	96317	96519	1.07	cps
Copper	63-2	97898	98300	97679	97959	0.32	cps
Dysprosium	156-1	40	17	30	29	40.51	cps
Dysprosium	156-2	37	27	20	28	30.20	cps
Erbium	164-1	47	63	60	57	15.56	cps
Erbium	164-2	37	33	40	37	9.10	cps
Gadolinium	160-1	40	30	37	36	14.32	cps
Gadolinium	160-2	240	180	160	193	21.53	cps
Holmium	165-1	4459522	4412379	4406927	4426276	0.65	cps
Holmium	165-2	3595091	3538951	3563389	3565810	0.79	cps
Indium	115-1	3707825	3709507	3685481	3700938	0.36	cps
Indium	115-2	1527742	1517235	1513135	1519371	0.50	cps
Iron	56-2	272578909	276032049	274197423	274269460	0.63	cps
Iron	57-2	6891759	6705926	6775803	6791163	1.38	cps
Iron	54-2	14934587	14853197	14965104	14917629	0.39	cps
Krypton	83-1	397	397	450	414	7.43	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	112488	112047	112569	112368	0.25	cps
Lead	207-1	94338	95590	95744	95224	0.81	cps
Lead	208-1	439511	435999	439848	438453	0.49	cps
Lithium	6-1	459662	454898	461131	458564	0.71	cps
Magnesium	24-2	25332253	25177747	24946455	25152152	0.77	cps
Manganese	55-2	67263	66998	66041	66767	0.96	cps
Molybdenum	94-1	4030689	4163665	4041659	4078671	1.81	cps
Molybdenum	95-1	6766284	6884292	6806538	6819038	0.88	cps
Molybdenum	96-1	7304801	7360634	7380050	7348495	0.53	cps
Molybdenum	97-1	4246227	4338808	4218179	4267738	1.48	cps
Molybdenum	98-1	10631105	10996827	10597432	10741788	2.06	cps
Neodymium	150-1	27	37	43	36	23.58	cps
Neodymium	150-2	27	10	23	20	44.10	cps
Nickel	60-2	29449	29973	29209	29544	1.32	cps
Phosphorus	31-2	970731	974798	961190	968906	0.72	cps
Potassium	39-2	35933510	35392939	35188109	35504853	1.08	cps
Rhodium	103-1	3437399	3431539	3350691	3406543	1.42	cps
Rhodium	103-2	2138297	2153161	2151057	2147505	0.37	cps
Scandium	45-1	2138452	2149762	2146230	2144815	0.27	cps
Scandium	45-2	202840	201829	201911	202193	0.28	cps
Selenium	82-1	3200	3253	3154	3202	1.55	cps
Selenium	77-2	397	380	363	380	4.39	cps
Selenium	78-2	2087	1983	2120	2063	3.45	cps
Silicon	28-1	1451472	1454473	1452618	1452854	0.10	cps
Silver	107-1	172509	173704	173041	173085	0.35	cps
Silver	109-1	163657	165752	161693	163701	1.24	cps
Sodium	23-2	43455573	43141116	42803309	43133333	0.76	cps
Strontium	86-1	214013	216554	217632	216066	0.86	cps
Strontium	88-1	1867191	1909735	1893830	1890252	1.14	cps
Sulfur	34-1	3133734	3113265	3123312	3123437	0.33	cps
Terbium	159-1	4539283	4537011	4492829	4523041	0.58	cps
Terbium	159-2	3496559	3501666	3459005	3485743	0.67	cps
Thallium	203-1	115528	114994	115256	115259	0.23	cps
Thallium	205-1	268038	269292	269458	268929	0.29	cps
Tin	118-1	345899	349005	342696	345867	0.91	cps
Titanium	47-1	1813518	1815034	1794505	1807686	0.63	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P7
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:49:38 DataFile Name : 025ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1083043	1085543	1095708	1088098	0.62	cps
Vanadium	51-2	50605	50424	50160	50396	0.44	cps
Yttrium	89-1	6256104	6291203	6357193	6301500	0.81	cps
Yttrium	89-2	1890546	1844458	1877765	1870923	1.27	cps
Zinc	66-2	19733	19817	19466	19672	0.93	cps
Zirconium	90-1	708926	724215	721155	718099	1.13	cps
Zirconium	91-1	159199	161461	161181	160614	0.77	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7995604	7885584	7955976	7945722	0.70	cps
Antimony	121-1	2947786	2978425	2950719	2958977	0.57	cps
Arsenic	75-2	202654	203087	199392	201711	1.00	cps
Barium	135-1	4050386	4118024	4125044	4097818	1.01	cps
Barium	137-1	7086679	7120820	7066798	7091432	0.39	cps
Beryllium	9-1	435713	440302	433732	436582	0.77	cps
Bismuth	209-1	2406183	2398266	2366537	2390328	0.88	cps
Bismuth	209-2	2265876	2242591	2212825	2240430	1.19	cps
Bromine	81-1	37735	38868	39459	38687	2.27	cps
Bromine	81-2	227	283	293	268	13.43	cps
Cadmium	108-1	63127	65142	63682	63984	1.63	cps
Cadmium	106-1	90114	89990	91647	90583	1.02	cps
Cadmium	111-1	852815	868278	875731	865608	1.35	cps
Calcium	43-1	4534028	4465137	4499123	4499429	0.77	cps
Calcium	44-1	72593034	72532031	72586469	72570511	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1441998	1486551	1436423	1454991	1.89	cps
Cobalt	59-2	2274417	2237967	2245273	2252552	0.86	cps
Copper	63-2	16654451	16676319	16515059	16615276	0.53	cps
Dysprosium	156-1	163	103	133	133	22.50	cps
Dysprosium	156-2	323	340	273	312	11.11	cps
Erbium	164-1	170	193	173	179	7.06	cps
Erbium	164-2	123	147	137	136	8.63	cps
Gadolinium	160-1	117	110	157	128	19.75	cps
Gadolinium	160-2	277	263	247	262	5.73	cps
Holmium	165-1	4275297	4290262	4244377	4269978	0.55	cps
Holmium	165-2	3440738	3453682	3410523	3434981	0.64	cps
Indium	115-1	3674255	3591685	3557052	3607664	1.67	cps
Indium	115-2	1467128	1459375	1456273	1460925	0.38	cps
Iron	56-2	340633595	330788315	334514402	335312104	1.48	cps
Iron	57-2	8262833	8358410	8368162	8329802	0.70	cps
Iron	54-2	18448531	18301467	17935092	18228363	1.45	cps
Krypton	83-1	433	440	410	428	3.68	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10855950	10914795	11195229	10988658	1.65	cps
Lead	207-1	9852082	9878653	10107485	9946073	1.41	cps
Lead	208-1	44721629	44884000	45122629	44909419	0.45	cps
Lithium	6-1	460206	455212	450678	455365	1.05	cps
Magnesium	24-2	67774334	67890692	67975401	67880142	0.15	cps
Manganese	55-2	13089054	12895173	13044418	13009548	0.78	cps
Molybdenum	94-1	11183066	11457538	11322310	11320971	1.21	cps
Molybdenum	95-1	16208907	16423730	16470753	16367797	0.85	cps
Molybdenum	96-1	17701917	18337357	17798781	17946018	1.91	cps
Molybdenum	97-1	10138398	10291801	10088095	10172765	1.04	cps
Molybdenum	98-1	26166872	26039722	26396440	26201011	0.69	cps
Neodymium	150-1	313	293	300	302	3.37	cps
Neodymium	150-2	70	83	93	82	14.24	cps
Nickel	60-2	568651	559907	559350	562636	0.93	cps
Phosphorus	31-2	98327	98819	97679	98275	0.58	cps
Potassium	39-2	45730814	45290006	45717131	45579317	0.55	cps
Rhodium	103-1	3337971	3232982	3183786	3251580	2.42	cps
Rhodium	103-2	2054710	2049027	2031413	2045050	0.59	cps
Scandium	45-1	2160020	2134024	2094925	2129656	1.54	cps
Scandium	45-2	205440	205403	207849	206231	0.68	cps
Selenium	82-1	69677	70320	69989	69996	0.46	cps
Selenium	77-2	8839	8836	8316	8664	3.48	cps
Selenium	78-2	28992	29947	29623	29521	1.65	cps
Silicon	28-1	6508322	6606713	6522068	6545701	0.81	cps
Silver	107-1	4533195	4525733	4514420	4524449	0.21	cps
Silver	109-1	4173893	4317094	4342153	4277713	2.12	cps
Sodium	23-2	108210285	106504555	106486728	107067190	0.92	cps
Strontium	86-1	1064276	1086397	1078416	1076363	1.04	cps
Strontium	88-1	9493224	9583759	9557237	9544740	0.49	cps
Sulfur	34-1	412844	417023	418167	416011	0.67	cps
Terbium	159-1	4573251	4363249	4450881	4462460	2.36	cps
Terbium	159-2	3474196	3443589	3346437	3421407	1.95	cps
Thallium	203-1	2864391	2868368	2878113	2870291	0.25	cps
Thallium	205-1	6637999	6634332	6720918	6664416	0.73	cps
Tin	118-1	2672826	2710314	2653306	2678815	1.08	cps
Titanium	47-1	4314907	4336414	4366436	4339252	0.60	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P7
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:55:06 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8796209	8835271	8863231	8831571	0.38	cps
Vanadium	51-2	1288215	1279234	1274446	1280632	0.55	cps
Yttrium	89-1	6241710	6284666	6181881	6236086	0.83	cps
Yttrium	89-2	1834649	1826846	1856966	1839487	0.85	cps
Zinc	66-2	3181587	3216597	3189604	3195930	0.57	cps
Zirconium	90-1	5715731	5772655	5697941	5728776	0.68	cps
Zirconium	91-1	1264316	1270757	1271258	1268777	0.31	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347	357	430	378	12.04	cps
Antimony	121-1	540	430	543	504	12.79	cps
Arsenic	75-2	43	73	73	63	27.35	cps
Barium	135-1	87	107	97	97	10.34	cps
Barium	137-1	150	157	150	152	2.53	cps
Beryllium	9-1	137	110	107	118	13.96	cps
Bismuth	209-1	2632614	2451903	2515963	2533493	3.62	cps
Bismuth	209-2	2508397	2442737	2390029	2447055	2.42	cps
Bromine	81-1	36909	38092	37638	37547	1.59	cps
Bromine	81-2	240	230	267	246	7.72	cps
Cadmium	108-1	17	0	3	7	132.33	cps
Cadmium	106-1	1480	1460	1530	1490	2.42	cps
Cadmium	111-1	1134	1119	1142	1132	1.05	cps
Calcium	43-1	493	437	370	433	14.25	cps
Calcium	44-1	9897	9457	9306	9553	3.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620	610	690	640	6.81	cps
Cobalt	59-2	167	200	230	199	15.93	cps
Copper	63-2	4821	4781	4804	4802	0.42	cps
Dysprosium	156-1	3	3	3	3	0.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	33	47	13	31	53.94	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	33	30	10	24	51.62	cps
Gadolinium	160-2	167	200	213	193	12.43	cps
Holmium	165-1	4476069	4193498	4275354	4314974	3.37	cps
Holmium	165-2	3481380	3526941	3415727	3474683	1.61	cps
Indium	115-1	3938440	3842483	3759944	3846956	2.32	cps
Indium	115-2	1553740	1555926	1546672	1552113	0.31	cps
Iron	56-2	30979	30778	31089	30949	0.51	cps
Iron	57-2	1250	1333	1340	1308	3.83	cps
Iron	54-2	3207	3314	3487	3336	4.24	cps
Krypton	83-1	350	450	367	389	13.78	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1223	1183	1227	1211	1.99	cps
Lead	207-1	1080	973	1033	1029	5.20	cps
Lead	208-1	4917	4614	4840	4790	3.29	cps
Lithium	6-1	472683	458348	454046	461692	2.11	cps
Magnesium	24-2	1083	1093	1150	1109	3.24	cps
Manganese	55-2	1410	1647	1500	1519	7.87	cps
Molybdenum	94-1	400	377	317	364	11.80	cps
Molybdenum	95-1	450	363	403	406	10.70	cps
Molybdenum	96-1	610	700	513	608	15.36	cps
Molybdenum	97-1	317	223	230	257	20.29	cps
Molybdenum	98-1	717	647	500	621	17.80	cps
Neodymium	150-1	10	0	3	4	114.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	257	303	313	291	10.39	cps
Phosphorus	31-2	290	267	207	254	16.90	cps
Potassium	39-2	61497	60824	61132	61151	0.55	cps
Rhodium	103-1	3570092	3463611	3429030	3487578	2.11	cps
Rhodium	103-2	2233880	2221513	2230776	2228723	0.29	cps
Scandium	45-1	2231393	2134500	2127732	2164542	2.68	cps
Scandium	45-2	203008	202400	202180	202529	0.21	cps
Selenium	82-1	212	202	204	206	2.55	cps
Selenium	77-2	13	17	3	11	62.48	cps
Selenium	78-2	1017	880	893	930	8.10	cps
Silicon	28-1	1268008	1261663	1283494	1271055	0.88	cps
Silver	107-1	157	157	207	173	16.65	cps
Silver	109-1	150	127	133	137	8.79	cps
Sodium	23-2	20514	20504	20607	20542	0.28	cps
Strontium	86-1	697	697	743	712	3.78	cps
Strontium	88-1	353	360	340	351	2.90	cps
Sulfur	34-1	120218	122129	121007	121118	0.79	cps
Terbium	159-1	4631272	4360076	4382026	4457791	3.38	cps
Terbium	159-2	3397717	3487753	3451701	3445723	1.32	cps
Thallium	203-1	733	697	727	719	2.72	cps
Thallium	205-1	1747	1673	1687	1702	2.30	cps
Tin	118-1	1260	1180	1267	1236	3.90	cps
Titanium	47-1	87	123	77	96	25.71	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P7
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 15:58:03 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	433	453	387	424	8.06	cps
Vanadium	51-2	70	53	37	53	31.25	cps
Yttrium	89-1	6517002	6275112	6058769	6283628	3.65	cps
Yttrium	89-2	1859515	1881335	1885336	1875395	0.74	cps
Zinc	66-2	580	530	530	547	5.28	cps
Zirconium	90-1	463	433	510	469	8.24	cps
Zirconium	91-1	120	110	143	124	13.75	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3504	3530	3430	3488	1.48	cps
Antimony	121-1	12739	12586	12469	12598	1.08	cps
Arsenic	75-2	570	427	590	529	16.84	cps
Barium	135-1	16109	16273	16206	16196	0.51	cps
Barium	137-1	27487	28960	28809	28418	2.85	cps
Beryllium	9-1	1083	1140	1110	1111	2.55	cps
Bismuth	209-1	2560147	2545474	2569161	2558260	0.47	cps
Bismuth	209-2	2499292	2518932	2507222	2508482	0.39	cps
Bromine	81-1	38226	39329	39152	38902	1.52	cps
Bromine	81-2	277	163	213	218	26.08	cps
Cadmium	108-1	133	150	110	131	15.32	cps
Cadmium	106-1	1663	1800	1733	1732	3.95	cps
Cadmium	111-1	2948	3155	3083	3062	3.44	cps
Calcium	43-1	9570	10430	10107	10036	4.33	cps
Calcium	44-1	164388	168181	169017	167195	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6715	6802	6635	6717	1.24	cps
Cobalt	59-2	5091	4991	5368	5150	3.79	cps
Copper	63-2	11104	11034	11014	11051	0.43	cps
Dysprosium	156-1	7	3	3	4	43.40	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Erbium	164-1	17	10	33	20	60.08	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	20	17	17	18	10.81	cps
Gadolinium	160-2	193	207	207	202	3.81	cps
Holmium	165-1	4378638	4391505	4279148	4349764	1.41	cps
Holmium	165-2	3535386	3606853	3588553	3576930	1.04	cps
Indium	115-1	3849027	3842987	3762852	3818288	1.26	cps
Indium	115-2	1578151	1586978	1585700	1583610	0.30	cps
Iron	56-2	177335	174392	176500	176076	0.86	cps
Iron	57-2	5001	5258	4864	5041	3.96	cps
Iron	54-2	11301	11298	11164	11254	0.69	cps
Krypton	83-1	383	383	413	393	4.40	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5088	5301	5314	5234	2.43	cps
Lead	207-1	4594	4991	4491	4692	5.63	cps
Lead	208-1	20470	21213	21047	20910	1.87	cps
Lithium	6-1	479617	467724	463196	470179	1.80	cps
Magnesium	24-2	136890	135328	136146	136121	0.57	cps
Manganese	55-2	3967	3851	3884	3901	1.54	cps
Molybdenum	94-1	13930	14364	14160	14151	1.53	cps
Molybdenum	95-1	16920	17184	16813	16972	1.12	cps
Molybdenum	96-1	18151	19169	18292	18537	2.98	cps
Molybdenum	97-1	10220	10584	10270	10358	1.90	cps
Molybdenum	98-1	26624	27523	26434	26860	2.16	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1303	1450	1163	1306	10.98	cps
Phosphorus	31-2	1567	1450	1533	1517	3.96	cps
Potassium	39-2	248219	247648	248907	248258	0.25	cps
Rhodium	103-1	3632429	3579776	3516264	3576156	1.63	cps
Rhodium	103-2	2253129	2255325	2224959	2244471	0.75	cps
Scandium	45-1	2213693	2225115	2159613	2199474	1.59	cps
Scandium	45-2	204234	207004	206167	205802	0.69	cps
Selenium	82-1	930	922	965	939	2.41	cps
Selenium	77-2	123	100	100	108	12.50	cps
Selenium	78-2	1260	1253	1293	1269	1.69	cps
Silicon	28-1	1271869	1248922	1275897	1265563	1.15	cps
Silver	107-1	9470	9660	9403	9511	1.40	cps
Silver	109-1	8806	9043	9093	8981	1.71	cps
Sodium	23-2	233054	229320	228377	230250	1.07	cps
Strontium	86-1	2884	2784	2880	2849	1.99	cps
Strontium	88-1	19506	20247	20478	20077	2.53	cps
Sulfur	34-1	127577	128185	127362	127708	0.33	cps
Terbium	159-1	4508977	4558473	4465715	4511055	1.03	cps
Terbium	159-2	3493893	3523297	3522359	3513183	0.48	cps
Thallium	203-1	6055	6215	6141	6137	1.31	cps
Thallium	205-1	14898	14865	14561	14775	1.26	cps
Tin	118-1	28665	29263	28952	28960	1.03	cps
Titanium	47-1	4131	4591	4527	4416	5.65	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P7
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:01:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16964	17535	16988	17162	1.88	cps
Vanadium	51-2	13022	13129	12749	12967	1.51	cps
Yttrium	89-1	6530956	6332854	6452869	6438893	1.55	cps
Yttrium	89-2	1924380	1879345	1907485	1903737	1.20	cps
Zinc	66-2	3894	3761	3777	3811	1.91	cps
Zirconium	90-1	12269	11992	11815	12025	1.90	cps
Zirconium	91-1	2454	2620	2744	2606	5.59	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114500	112690	112827	113339	0.89	cps
Antimony	121-1	457	457	453	456	0.42	cps
Arsenic	75-2	270	227	287	261	11.86	cps
Barium	135-1	21680	20966	21163	21269	1.73	cps
Barium	137-1	36594	36787	36764	36715	0.29	cps
Beryllium	9-1	317	390	347	351	10.50	cps
Bismuth	209-1	2643303	2585516	2570190	2599670	1.48	cps
Bismuth	209-2	2530958	2534975	2519272	2528402	0.32	cps
Bromine	81-1	40776	40990	40445	40737	0.67	cps
Bromine	81-2	563	657	733	651	13.08	cps
Cadmium	108-1	13	7	10	10	33.30	cps
Cadmium	106-1	1663	1520	1670	1618	5.24	cps
Cadmium	111-1	1288	1159	1279	1242	5.79	cps
Calcium	43-1	18351	17994	18011	18119	1.11	cps
Calcium	44-1	293274	294983	292801	293686	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16823	16853	17263	16980	1.45	cps
Cobalt	59-2	4691	4694	4424	4603	3.37	cps
Copper	63-2	18835	18191	18695	18574	1.82	cps
Dysprosium	156-1	16506	16897	16847	16750	1.27	cps
Dysprosium	156-2	15268	15405	15442	15372	0.59	cps
Erbium	164-1	13063	13070	12996	13043	0.31	cps
Erbium	164-2	10104	10484	10190	10259	1.94	cps
Gadolinium	160-1	17047	16587	16917	16850	1.41	cps
Gadolinium	160-2	14361	14257	14641	14420	1.38	cps
Holmium	165-1	4476431	4447932	4455557	4459973	0.33	cps
Holmium	165-2	3577801	3616690	3582643	3592378	0.59	cps
Indium	115-1	3872431	3857347	3851962	3860580	0.27	cps
Indium	115-2	1599829	1607022	1588751	1598534	0.58	cps
Iron	56-2	3744532	3758333	3655595	3719487	1.50	cps
Iron	57-2	95427	94230	93358	94338	1.10	cps
Iron	54-2	210072	207673	206323	208023	0.91	cps
Krypton	83-1	443	497	390	443	12.03	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10064	10057	9980	10034	0.46	cps
Lead	207-1	7826	8523	8236	8195	4.28	cps
Lead	208-1	38529	39002	38201	38577	1.04	cps
Lithium	6-1	479594	472153	471130	474292	0.97	cps
Magnesium	24-2	56748	56453	56637	56613	0.26	cps
Manganese	55-2	50775	50969	50297	50680	0.68	cps
Molybdenum	94-1	5664	5508	5258	5477	3.75	cps
Molybdenum	95-1	3991	3971	3894	3952	1.29	cps
Molybdenum	96-1	5008	4854	5001	4954	1.75	cps
Molybdenum	97-1	2567	2520	2464	2517	2.06	cps
Molybdenum	98-1	6148	6428	6435	6337	2.58	cps
Neodymium	150-1	25516	24872	25406	25265	1.36	cps
Neodymium	150-2	18479	17982	17855	18105	1.82	cps
Nickel	60-2	3020	2964	2930	2971	1.53	cps
Phosphorus	31-2	663	623	773	687	11.31	cps
Potassium	39-2	184877	184928	184780	184862	0.04	cps
Rhodium	103-1	3551722	3553319	3526159	3543733	0.43	cps
Rhodium	103-2	2298377	2261972	2246883	2269077	1.17	cps
Scandium	45-1	2201431	2198054	2225605	2208363	0.68	cps
Scandium	45-2	209313	209583	208309	209068	0.32	cps
Selenium	82-1	191	147	248	195	26.10	cps
Selenium	77-2	57	60	47	54	12.74	cps
Selenium	78-2	893	877	820	863	4.45	cps
Silicon	28-1	7466427	7446842	7427644	7446971	0.26	cps
Silver	107-1	177	130	183	163	17.79	cps
Silver	109-1	133	137	163	144	11.38	cps
Sodium	23-2	1402221	1392747	1404439	1399802	0.44	cps
Strontium	86-1	27549	27512	26230	27097	2.77	cps
Strontium	88-1	233061	230791	227910	230587	1.12	cps
Sulfur	34-1	149866	149089	147995	148983	0.63	cps
Terbium	159-1	4515793	4511362	4486013	4504389	0.36	cps
Terbium	159-2	3544271	3598312	3630815	3591133	1.22	cps
Thallium	203-1	650	613	703	656	6.90	cps
Thallium	205-1	1587	1580	1443	1537	5.26	cps
Tin	118-1	1767	1760	1867	1798	3.32	cps
Titanium	47-1	10143	9797	9683	9874	2.43	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:04:41 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15276	15639	15229	15381	1.46	cps
Vanadium	51-2	50979	50270	49585	50278	1.39	cps
Yttrium	89-1	6562109	6706985	6616036	6628377	1.10	cps
Yttrium	89-2	1981639	1961114	2012399	1985051	1.30	cps
Zinc	66-2	4737	4547	4391	4559	3.81	cps
Zirconium	90-1	8319	8179	8486	8328	1.84	cps
Zirconium	91-1	1713	1987	1833	1845	7.43	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136435	136242	135428	136035	0.39	cps
Antimony	121-1	363	440	450	418	11.35	cps
Arsenic	75-2	283	300	267	283	5.88	cps
Barium	135-1	21603	23660	23763	23009	5.29	cps
Barium	137-1	37079	40685	41437	39733	5.86	cps
Beryllium	9-1	410	407	350	389	8.67	cps
Bismuth	209-1	2992766	2595444	2682625	2756945	7.57	cps
Bismuth	209-2	2641397	2591926	2567160	2600161	1.45	cps
Bromine	81-1	39934	40773	41151	40619	1.53	cps
Bromine	81-2	673	697	720	697	3.35	cps
Cadmium	108-1	17	27	10	18	47.19	cps
Cadmium	106-1	1980	1537	1650	1722	13.37	cps
Cadmium	111-1	1451	1157	1241	1283	11.80	cps
Calcium	43-1	17951	19483	19927	19120	5.42	cps
Calcium	44-1	293727	320171	326264	313387	5.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20310	20371	19620	20100	2.08	cps
Cobalt	59-2	5214	5114	4928	5085	2.86	cps
Copper	63-2	19633	19723	19389	19582	0.88	cps
Dysprosium	156-1	16890	18048	18232	17724	4.10	cps
Dysprosium	156-2	17418	17171	16567	17052	2.57	cps
Erbium	164-1	13540	14644	14341	14175	4.02	cps
Erbium	164-2	11792	11542	11562	11632	1.20	cps
Gadolinium	160-1	17571	18015	19040	18209	4.14	cps
Gadolinium	160-2	15505	15742	15993	15747	1.55	cps
Holmium	165-1	5102746	4617402	4544238	4754795	6.38	cps
Holmium	165-2	3738273	3664194	3622732	3675067	1.59	cps
Indium	115-1	4500517	4062271	3983851	4182213	6.66	cps
Indium	115-2	1684100	1653240	1638104	1658482	1.41	cps
Iron	56-2	4280041	4280747	4320845	4293878	0.54	cps
Iron	57-2	109636	110466	110197	110099	0.38	cps
Iron	54-2	245778	244366	242687	244277	0.63	cps
Krypton	83-1	387	407	433	409	5.72	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9760	11018	11065	10614	6.97	cps
Lead	207-1	8086	8793	8946	8608	5.33	cps
Lead	208-1	37968	41144	41425	40179	4.78	cps
Lithium	6-1	557272	499432	488569	515091	7.17	cps
Magnesium	24-2	62640	63414	61780	62611	1.31	cps
Manganese	55-2	54696	55525	54997	55073	0.76	cps
Molybdenum	94-1	5138	5761	5735	5544	6.36	cps
Molybdenum	95-1	3150	3177	3234	3187	1.34	cps
Molybdenum	96-1	4071	4384	4437	4297	4.61	cps
Molybdenum	97-1	1913	2017	2120	2017	5.12	cps
Molybdenum	98-1	5068	5218	5468	5251	3.85	cps
Neodymium	150-1	25293	27480	28205	26993	5.62	cps
Neodymium	150-2	19794	20021	19777	19864	0.69	cps
Nickel	60-2	3240	3304	3350	3298	1.67	cps
Phosphorus	31-2	753	747	730	743	1.62	cps
Potassium	39-2	196103	195792	194479	195458	0.44	cps
Rhodium	103-1	4154375	3725154	3716066	3865198	6.48	cps
Rhodium	103-2	2400875	2344608	2338433	2361305	1.46	cps
Scandium	45-1	2593291	2319751	2370076	2427706	6.00	cps
Scandium	45-2	216504	215744	217197	216482	0.34	cps
Selenium	82-1	268	266	179	238	21.36	cps
Selenium	77-2	77	90	63	77	17.39	cps
Selenium	78-2	1013	940	943	966	4.29	cps
Silicon	28-1	7618105	8377775	8299543	8098474	5.16	cps
Silver	107-1	133	170	147	150	12.37	cps
Silver	109-1	120	137	90	116	20.47	cps
Sodium	23-2	1527276	1534480	1469229	1510328	2.37	cps
Strontium	86-1	27476	29580	30067	29041	4.74	cps
Strontium	88-1	230837	253951	258430	247739	5.98	cps
Sulfur	34-1	141928	144294	145750	143991	1.34	cps
Terbium	159-1	5189550	4769959	4711919	4890476	5.33	cps
Terbium	159-2	3733750	3574333	3649272	3652452	2.18	cps
Thallium	203-1	650	597	667	638	5.73	cps
Thallium	205-1	1480	1520	1530	1510	1.75	cps
Tin	118-1	1893	1790	1977	1887	4.96	cps
Titanium	47-1	10884	11638	12325	11616	6.21	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01DUPDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:09:32 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15559	15809	16323	15897	2.45	cps
Vanadium	51-2	56686	56703	55816	56402	0.90	cps
Yttrium	89-1	7569556	7048757	6810976	7143096	5.43	cps
Yttrium	89-2	2079141	2059061	2019720	2052641	1.47	cps
Zinc	66-2	4838	4994	4774	4869	2.33	cps
Zirconium	90-1	8939	9760	9807	9502	5.13	cps
Zirconium	91-1	1953	2094	2270	2106	7.54	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23401	23054	22887	23114	1.13	cps
Antimony	121-1	117	143	127	129	10.45	cps
Arsenic	75-2	147	87	83	106	33.77	cps
Barium	135-1	4417	4134	3974	4175	5.38	cps
Barium	137-1	7429	7212	7192	7277	1.80	cps
Beryllium	9-1	130	173	127	143	18.16	cps
Bismuth	209-1	2483246	2493111	2440103	2472153	1.14	cps
Bismuth	209-2	2448469	2418952	2489844	2452422	1.45	cps
Bromine	81-1	39239	39102	38761	39034	0.63	cps
Bromine	81-2	363	370	280	338	14.85	cps
Cadmium	108-1	17	17	10	14	26.66	cps
Cadmium	106-1	1573	1357	1537	1489	7.79	cps
Cadmium	111-1	1150	991	1155	1099	8.47	cps
Calcium	43-1	3714	3897	3724	3778	2.73	cps
Calcium	44-1	64463	64965	64714	64714	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3887	3927	3771	3862	2.11	cps
Cobalt	59-2	1033	1087	923	1014	8.21	cps
Copper	63-2	6682	6388	6531	6534	2.25	cps
Dysprosium	156-1	3287	3140	3240	3223	2.33	cps
Dysprosium	156-2	2920	2917	2974	2937	1.08	cps
Erbium	164-1	2537	2504	2487	2509	1.01	cps
Erbium	164-2	1847	2170	2320	2112	11.45	cps
Gadolinium	160-1	3354	3067	3360	3260	5.14	cps
Gadolinium	160-2	2840	2880	3054	2925	3.88	cps
Holmium	165-1	4276117	4203067	4235932	4238372	0.86	cps
Holmium	165-2	3459172	3412868	3432236	3434759	0.68	cps
Indium	115-1	3778497	3676666	3686460	3713875	1.51	cps
Indium	115-2	1548326	1551471	1550528	1550109	0.10	cps
Iron	56-2	775665	775020	773883	774856	0.12	cps
Iron	57-2	19570	20297	20157	20008	1.93	cps
Iron	54-2	44943	43797	43994	44245	1.39	cps
Krypton	83-1	427	437	407	423	3.61	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2734	2667	2660	2687	1.51	cps
Lead	207-1	2444	2317	2217	2326	4.88	cps
Lead	208-1	10875	10342	10505	10574	2.59	cps
Lithium	6-1	457517	455299	451119	454645	0.71	cps
Magnesium	24-2	11488	11791	11921	11733	1.90	cps
Manganese	55-2	11191	11017	10997	11069	0.96	cps
Molybdenum	94-1	1083	1153	1210	1149	5.52	cps
Molybdenum	95-1	773	680	893	782	13.67	cps
Molybdenum	96-1	993	1153	1133	1093	7.97	cps
Molybdenum	97-1	500	527	510	512	2.63	cps
Molybdenum	98-1	1200	1337	1167	1235	7.30	cps
Neodymium	150-1	5368	4988	4974	5110	4.37	cps
Neodymium	150-2	3257	3384	3454	3365	2.96	cps
Nickel	60-2	803	883	773	820	6.93	cps
Phosphorus	31-2	273	313	383	323	17.22	cps
Potassium	39-2	83487	82304	82184	82658	0.87	cps
Rhodium	103-1	3448347	3472506	3463032	3461295	0.35	cps
Rhodium	103-2	2151568	2191704	2226443	2189905	1.71	cps
Scandium	45-1	2146286	2136953	2152340	2145193	0.36	cps
Scandium	45-2	202433	200931	203166	202177	0.56	cps
Selenium	82-1	193	181	174	182	5.42	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	823	953	1017	931	10.59	cps
Silicon	28-1	2517788	2460407	2494004	2490733	1.16	cps
Silver	107-1	57	77	90	74	22.53	cps
Silver	109-1	57	67	57	60	9.62	cps
Sodium	23-2	268287	267695	269409	268464	0.32	cps
Strontium	86-1	6005	5524	5805	5778	4.17	cps
Strontium	88-1	45918	45855	44835	45536	1.34	cps
Sulfur	34-1	116876	117544	116607	117009	0.41	cps
Terbium	159-1	4397292	4414698	4274941	4362310	1.75	cps
Terbium	159-2	3418146	3442782	3428643	3429857	0.36	cps
Thallium	203-1	443	510	460	471	7.36	cps
Thallium	205-1	1007	1020	1067	1031	3.06	cps
Tin	118-1	1170	1130	1130	1143	2.02	cps
Titanium	47-1	2047	1997	2160	2068	4.05	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01LDLX25 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 25
Date & Time Acquired : 2025-03-24 16:12:46 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3144	3234	3167	3182	1.47	cps
Vanadium	51-2	9827	9840	9947	9871	0.67	cps
Yttrium	89-1	6328942	6309461	6348569	6328990	0.31	cps
Yttrium	89-2	1893993	1899209	1852918	1882040	1.35	cps
Zinc	66-2	1233	1223	1217	1225	0.69	cps
Zirconium	90-1	2180	2014	1990	2061	5.03	cps
Zirconium	91-1	467	467	460	464	0.83	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	402143	397661	391787	397197	1.31	cps
Antimony	121-1	569447	580452	572338	574079	0.99	cps
Arsenic	75-2	237	270	297	268	11.23	cps
Barium	135-1	692514	698233	694236	694994	0.42	cps
Barium	137-1	1207805	1219680	1213914	1213800	0.49	cps
Beryllium	9-1	84132	84019	85591	84581	1.04	cps
Bismuth	209-1	2508182	2497257	2543320	2516253	0.96	cps
Bismuth	209-2	2405305	2365091	2363348	2377915	1.00	cps
Bromine	81-1	39590	40663	39142	39798	1.96	cps
Bromine	81-2	897	917	997	937	5.65	cps
Cadmium	108-1	12939	13053	12786	12926	1.04	cps
Cadmium	106-1	19553	19436	19336	19442	0.56	cps
Cadmium	111-1	174794	176846	175490	175710	0.59	cps
Calcium	43-1	196027	194774	197801	196200	0.78	cps
Calcium	44-1	3021375	3035896	3067329	3041533	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280241	280746	277929	279639	0.54	cps
Cobalt	59-2	425522	421004	416405	420977	1.08	cps
Copper	63-2	2939725	2963544	2851490	2918253	2.02	cps
Dysprosium	156-1	18756	18819	18936	18837	0.49	cps
Dysprosium	156-2	16940	17010	17054	17001	0.34	cps
Erbium	164-1	15335	14858	14544	14912	2.67	cps
Erbium	164-2	11889	11542	11735	11722	1.48	cps
Gadolinium	160-1	19864	19871	19283	19673	1.71	cps
Gadolinium	160-2	15729	16500	15756	15995	2.74	cps
Holmium	165-1	4266318	4284771	4263936	4271675	0.27	cps
Holmium	165-2	3461116	3317953	3377983	3385684	2.12	cps
Indium	115-1	3715111	3689613	3661215	3688646	0.73	cps
Indium	115-2	1528200	1524954	1511361	1521505	0.59	cps
Iron	56-2	15246626	15149103	15033086	15142938	0.71	cps
Iron	57-2	395567	395473	394755	395265	0.11	cps
Iron	54-2	884653	879656	865557	876622	1.13	cps
Krypton	83-1	490	423	443	452	7.57	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2155198	2119010	2092609	2122273	1.48	cps
Lead	207-1	1952954	1921091	1928389	1934144	0.86	cps
Lead	208-1	8802809	8698076	8733390	8744758	0.61	cps
Lithium	6-1	455682	460318	460492	458831	0.59	cps
Magnesium	24-2	2534243	2456594	2493824	2494887	1.56	cps
Manganese	55-2	2239181	2251424	2282703	2257769	0.99	cps
Molybdenum	94-1	2092500	2121842	2137840	2117394	1.09	cps
Molybdenum	95-1	3040820	3117509	3107495	3088608	1.35	cps
Molybdenum	96-1	3290212	3339957	3294496	3308221	0.83	cps
Molybdenum	97-1	1860411	1877336	1888633	1875460	0.76	cps
Molybdenum	98-1	4831070	4910972	4948228	4896757	1.22	cps
Neodymium	150-1	29751	29711	29601	29688	0.26	cps
Neodymium	150-2	20074	20024	19968	20022	0.27	cps
Nickel	60-2	109086	109523	107922	108843	0.76	cps
Phosphorus	31-2	697	663	683	681	2.46	cps
Potassium	39-2	1705832	1695443	1679135	1693470	0.79	cps
Rhodium	103-1	3460997	3476436	3455295	3464243	0.32	cps
Rhodium	103-2	2123855	2149245	2126190	2133096	0.66	cps
Scandium	45-1	2173347	2124270	2157021	2151546	1.16	cps
Scandium	45-2	204349	201900	201644	202631	0.74	cps
Selenium	82-1	14514	14825	14608	14649	1.09	cps
Selenium	77-2	1943	1850	1767	1853	4.77	cps
Selenium	78-2	6845	6632	6838	6772	1.79	cps
Silicon	28-1	7555738	7524141	7445855	7508578	0.75	cps
Silver	107-1	125238	127776	126089	126368	1.02	cps
Silver	109-1	118866	120244	118610	119240	0.74	cps
Sodium	23-2	5247003	5169909	5136112	5184342	1.10	cps
Strontium	86-1	274050	274747	272395	273731	0.44	cps
Strontium	88-1	2387502	2413805	2381312	2394206	0.72	cps
Sulfur	34-1	143758	146137	147763	145886	1.38	cps
Terbium	159-1	4403206	4419918	4416745	4413290	0.20	cps
Terbium	159-2	3399726	3363073	3422296	3395032	0.88	cps
Thallium	203-1	505483	509496	512862	509281	0.73	cps
Thallium	205-1	1185832	1196109	1204245	1195395	0.77	cps
Tin	118-1	459949	465249	464675	463291	0.63	cps
Titanium	47-1	504933	510118	504521	506524	0.62	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:16:07 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1531313	1547997	1546787	1542032	0.60	cps
Vanadium	51-2	292663	285688	286242	288197	1.35	cps
Yttrium	89-1	6427145	6357389	6354813	6379782	0.64	cps
Yttrium	89-2	1910789	1880077	1908360	1899742	0.90	cps
Zinc	66-2	602602	596073	597132	598602	0.59	cps
Zirconium	90-1	1044598	1066859	1055780	1055746	1.05	cps
Zirconium	91-1	238639	239223	238860	238907	0.12	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403234	400469	398460	400721	0.60	cps
Antimony	121-1	576206	571115	577818	575046	0.61	cps
Arsenic	75-2	323	280	330	311	8.73	cps
Barium	135-1	691703	695449	698318	695157	0.48	cps
Barium	137-1	1203027	1201639	1199369	1201345	0.15	cps
Beryllium	9-1	85219	87994	85524	86245	1.76	cps
Bismuth	209-1	2518217	2471171	2477752	2489047	1.02	cps
Bismuth	209-2	2386470	2376073	2433113	2398552	1.27	cps
Bromine	81-1	37391	37631	37478	37500	0.32	cps
Bromine	81-2	827	947	923	899	7.08	cps
Cadmium	108-1	12469	12469	12719	12552	1.15	cps
Cadmium	106-1	19463	18872	19123	19153	1.55	cps
Cadmium	111-1	177682	176775	175072	176510	0.75	cps
Calcium	43-1	194220	195557	192997	194258	0.66	cps
Calcium	44-1	3076798	3042474	2994710	3037994	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285729	285358	286085	285724	0.13	cps
Cobalt	59-2	427449	427224	424972	426548	0.32	cps
Copper	63-2	2995273	2916342	2968544	2960053	1.36	cps
Dysprosium	156-1	18966	19644	19437	19349	1.79	cps
Dysprosium	156-2	17454	17294	17468	17405	0.55	cps
Erbium	164-1	14811	14684	14404	14633	1.42	cps
Erbium	164-2	11538	11955	11932	11808	1.98	cps
Gadolinium	160-1	19597	19904	19260	19587	1.64	cps
Gadolinium	160-2	16326	15896	16119	16114	1.34	cps
Holmium	165-1	4200036	4173443	4294779	4222753	1.51	cps
Holmium	165-2	3497660	3413745	3491541	3467649	1.35	cps
Indium	115-1	3685044	3645349	3692871	3674421	0.69	cps
Indium	115-2	1523775	1512703	1506646	1514375	0.57	cps
Iron	56-2	15658528	15337618	15334706	15443617	1.21	cps
Iron	57-2	396747	397548	396633	396976	0.13	cps
Iron	54-2	877932	875313	881864	878370	0.38	cps
Krypton	83-1	467	410	407	428	7.88	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2138654	2175825	2113322	2142601	1.47	cps
Lead	207-1	1914728	1972608	1921173	1936169	1.64	cps
Lead	208-1	8675971	8776663	8639788	8697474	0.82	cps
Lithium	6-1	455176	459036	459687	457967	0.53	cps
Magnesium	24-2	2551901	2489686	2517469	2519685	1.24	cps
Manganese	55-2	2307125	2276342	2259069	2280845	1.07	cps
Molybdenum	94-1	2129319	2148042	2109446	2128936	0.91	cps
Molybdenum	95-1	3110379	3057850	2990421	3052883	1.97	cps
Molybdenum	96-1	3360242	3358847	3225729	3314939	2.33	cps
Molybdenum	97-1	1909768	1889181	1862778	1887243	1.25	cps
Molybdenum	98-1	4827635	4769475	4834948	4810686	0.75	cps
Neodymium	150-1	29908	29090	29364	29454	1.41	cps
Neodymium	150-2	20912	20639	20428	20660	1.17	cps
Nickel	60-2	112374	109627	109688	110563	1.42	cps
Phosphorus	31-2	660	737	660	686	6.46	cps
Potassium	39-2	1685864	1695655	1674896	1685472	0.62	cps
Rhodium	103-1	3415801	3368254	3396361	3393472	0.70	cps
Rhodium	103-2	2205830	2154035	2171334	2177066	1.21	cps
Scandium	45-1	2109990	2157694	2110564	2126083	1.29	cps
Scandium	45-2	206025	202340	201950	203438	1.11	cps
Selenium	82-1	14559	14852	14974	14795	1.44	cps
Selenium	77-2	1840	1990	1827	1886	4.81	cps
Selenium	78-2	7028	6922	6778	6909	1.82	cps
Silicon	28-1	7357677	7582762	7387394	7442611	1.64	cps
Silver	107-1	119729	116120	117004	117618	1.60	cps
Silver	109-1	112731	111293	113305	112443	0.92	cps
Sodium	23-2	5314598	5274622	5252083	5280434	0.60	cps
Strontium	86-1	274526	270407	272258	272397	0.76	cps
Strontium	88-1	2387821	2375072	2358146	2373679	0.63	cps
Sulfur	34-1	144014	146342	144842	145066	0.81	cps
Terbium	159-1	4298262	4340735	4318109	4319035	0.49	cps
Terbium	159-2	3458085	3378959	3407857	3414967	1.17	cps
Thallium	203-1	508588	516917	516604	514036	0.92	cps
Thallium	205-1	1190013	1211357	1205367	1202246	0.92	cps
Tin	118-1	460166	464588	460109	461621	0.56	cps
Titanium	47-1	503915	506005	503179	504366	0.29	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01MSDDLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:19:24 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1547007	1574105	1561173	1560762	0.87	cps
Vanadium	51-2	293184	293726	291027	292646	0.49	cps
Yttrium	89-1	6289263	6281275	6306804	6292447	0.21	cps
Yttrium	89-2	1920983	1896111	1885716	1900937	0.95	cps
Zinc	66-2	607313	605092	605548	605984	0.19	cps
Zirconium	90-1	1057726	1055642	1056309	1056559	0.10	cps
Zirconium	91-1	237041	236344	238841	237409	0.54	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423211	414668	416690	418190	1.07	cps
Antimony	121-1	576007	581344	574848	577399	0.60	cps
Arsenic	75-2	267	280	267	271	2.84	cps
Barium	135-1	696459	699382	697321	697720	0.22	cps
Barium	137-1	1216090	1214778	1205895	1212254	0.46	cps
Beryllium	9-1	87294	88869	87984	88049	0.90	cps
Bismuth	209-1	2525906	2524627	2538412	2529648	0.30	cps
Bismuth	209-2	2483329	2442984	2411153	2445822	1.48	cps
Bromine	81-1	38768	38079	38734	38527	1.01	cps
Bromine	81-2	1033	1087	1007	1042	3.91	cps
Cadmium	108-1	12305	12792	12589	12562	1.95	cps
Cadmium	106-1	20107	19340	19296	19581	2.33	cps
Cadmium	111-1	176564	177088	175703	176452	0.40	cps
Calcium	43-1	192894	194422	196826	194714	1.02	cps
Calcium	44-1	3070328	3001518	3036328	3036058	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	288842	284165	287712	286906	0.85	cps
Cobalt	59-2	436602	432002	436939	435181	0.63	cps
Copper	63-2	3039216	2962550	3001476	3001081	1.28	cps
Dysprosium	156-1	19130	18946	19036	19037	0.48	cps
Dysprosium	156-2	17745	17775	17945	17821	0.61	cps
Erbium	164-1	15041	15419	14634	15032	2.61	cps
Erbium	164-2	12012	11778	12079	11956	1.32	cps
Gadolinium	160-1	19203	19717	19424	19448	1.33	cps
Gadolinium	160-2	17037	16553	16466	16686	1.84	cps
Holmium	165-1	4304635	4284905	4301394	4296978	0.25	cps
Holmium	165-2	3509041	3416013	3497813	3474289	1.46	cps
Indium	115-1	3672469	3658822	3715441	3682244	0.80	cps
Indium	115-2	1540852	1508025	1520624	1523167	1.09	cps
Iron	56-2	15847336	15734156	15687541	15756344	0.52	cps
Iron	57-2	405599	407637	405836	406357	0.27	cps
Iron	54-2	906250	903157	902442	903950	0.22	cps
Krypton	83-1	490	417	397	434	11.31	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2171438	2201270	2180674	2184460	0.70	cps
Lead	207-1	1968804	1982430	1958591	1969942	0.61	cps
Lead	208-1	8865856	8978978	8852429	8899088	0.78	cps
Lithium	6-1	466339	474943	469975	470419	0.92	cps
Magnesium	24-2	2601845	2552890	2582586	2579107	0.96	cps
Manganese	55-2	2317990	2310097	2362905	2330331	1.22	cps
Molybdenum	94-1	2101470	2116260	2096769	2104833	0.48	cps
Molybdenum	95-1	3015776	2994027	3064127	3024643	1.19	cps
Molybdenum	96-1	3306181	3298188	3321854	3308741	0.36	cps
Molybdenum	97-1	1894874	1917837	1873399	1895370	1.17	cps
Molybdenum	98-1	4811793	4849986	4834176	4831985	0.40	cps
Neodymium	150-1	29067	29985	29611	29554	1.56	cps
Neodymium	150-2	21410	20525	20622	20852	2.33	cps
Nickel	60-2	111723	111890	111984	111866	0.12	cps
Phosphorus	31-2	660	720	647	676	5.78	cps
Potassium	39-2	1694994	1691269	1723081	1703114	1.02	cps
Rhodium	103-1	3398010	3446645	3316531	3387062	1.94	cps
Rhodium	103-2	2220214	2115453	2189941	2175203	2.48	cps
Scandium	45-1	2157035	2129231	2118244	2134837	0.94	cps
Scandium	45-2	206139	199391	202802	202778	1.66	cps
Selenium	82-1	14457	14597	14675	14576	0.76	cps
Selenium	77-2	1800	1877	1807	1828	2.32	cps
Selenium	78-2	6952	6762	6728	6814	1.77	cps
Silicon	28-1	7602746	7619571	7603946	7608754	0.12	cps
Silver	107-1	127508	127895	127259	127554	0.25	cps
Silver	109-1	122075	120675	121696	121482	0.60	cps
Sodium	23-2	5377150	5341545	5381948	5366881	0.41	cps
Strontium	86-1	272438	270659	269678	270925	0.52	cps
Strontium	88-1	2413839	2422612	2363581	2400010	1.33	cps
Sulfur	34-1	145589	146144	145794	145842	0.19	cps
Terbium	159-1	4295821	4436554	4375923	4369433	1.62	cps
Terbium	159-2	3447119	3389586	3414766	3417157	0.84	cps
Thallium	203-1	517424	523285	519839	520183	0.57	cps
Thallium	205-1	1212398	1243380	1225884	1227221	1.27	cps
Tin	118-1	465760	465866	461485	464370	0.54	cps
Titanium	47-1	506977	513122	508113	509404	0.64	cps

LB Number : LB135164 Operator : Jaswal
 Lab Sample ID : Q1588-01ADLX5 Instrumnet Name : P7
 Client Sample ID : TAPFTA-MW01D-031425 Dilution Factor : 5
 Date & Time Acquired : 2025-03-24 16:22:29 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1575349	1589281	1594080	1586236	0.61	cps
Vanadium	51-2	299346	295728	295510	296862	0.73	cps
Yttrium	89-1	6324296	6345276	6278324	6315965	0.54	cps
Yttrium	89-2	1935475	1888895	1887866	1904078	1.43	cps
Zinc	66-2	618577	618540	620074	619064	0.14	cps
Zirconium	90-1	1073065	1071212	1070065	1071447	0.14	cps
Zirconium	91-1	238661	238795	238898	238785	0.05	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8098352	7932022	7948323	7992899	1.15	cps
Antimony	121-1	2905415	2981886	2956785	2948029	1.32	cps
Arsenic	75-2	202941	202016	202948	202635	0.26	cps
Barium	135-1	4070304	4100631	4105808	4092248	0.47	cps
Barium	137-1	6919232	7181125	7045425	7048594	1.86	cps
Beryllium	9-1	451792	461539	453906	455746	1.12	cps
Bismuth	209-1	2357050	2416490	2384370	2385970	1.25	cps
Bismuth	209-2	2281538	2228116	2275037	2261564	1.29	cps
Bromine	81-1	35710	36886	37270	36622	2.22	cps
Bromine	81-2	333	343	270	316	12.60	cps
Cadmium	108-1	63481	63254	64767	63834	1.28	cps
Cadmium	106-1	90188	90741	90805	90578	0.37	cps
Cadmium	111-1	848991	866376	871348	862238	1.36	cps
Calcium	43-1	4496448	4469567	4471229	4479082	0.34	cps
Calcium	44-1	71489557	73065449	72370521	72308509	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1472942	1470636	1431179	1458252	1.61	cps
Cobalt	59-2	2278761	2242713	2237243	2252906	1.00	cps
Copper	63-2	16238401	16427852	16477511	16381255	0.77	cps
Dysprosium	156-1	167	153	147	156	6.55	cps
Dysprosium	156-2	287	300	273	287	4.65	cps
Erbium	164-1	193	153	130	159	20.16	cps
Erbium	164-2	120	110	147	126	15.10	cps
Gadolinium	160-1	153	113	133	133	15.00	cps
Gadolinium	160-2	233	257	297	262	12.21	cps
Holmium	165-1	4252498	4305741	4283570	4280603	0.62	cps
Holmium	165-2	3421389	3427451	3404537	3417793	0.35	cps
Indium	115-1	3445418	3515077	3555921	3505472	1.59	cps
Indium	115-2	1472888	1467910	1471144	1470647	0.17	cps
Iron	56-2	337329462	336697395	332970082	335665646	0.70	cps
Iron	57-2	8384999	8385459	8310062	8360173	0.52	cps
Iron	54-2	18482350	18635559	18303018	18473643	0.90	cps
Krypton	83-1	447	390	483	440	10.69	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11195292	11103924	11145973	11148397	0.41	cps
Lead	207-1	9973707	9880080	10023281	9959023	0.73	cps
Lead	208-1	44667139	44946214	45376931	44996762	0.79	cps
Lithium	6-1	473219	469080	471794	471364	0.45	cps
Magnesium	24-2	69963746	69680474	69436064	69693428	0.38	cps
Manganese	55-2	13265213	13196897	13134184	13198765	0.50	cps
Molybdenum	94-1	11050287	11259104	11423976	11244455	1.67	cps
Molybdenum	95-1	16126645	16487356	16443136	16352379	1.20	cps
Molybdenum	96-1	17741766	17943633	18023855	17903085	0.81	cps
Molybdenum	97-1	10094841	10223593	10366689	10228374	1.33	cps
Molybdenum	98-1	25855661	26112968	26004140	25990923	0.50	cps
Neodymium	150-1	273	247	287	269	7.57	cps
Neodymium	150-2	133	103	100	112	16.36	cps
Nickel	60-2	561005	559588	562275	560956	0.24	cps
Phosphorus	31-2	100199	98937	99350	99495	0.65	cps
Potassium	39-2	45400521	46000463	45772861	45724615	0.66	cps
Rhodium	103-1	3216841	3227315	3258580	3234245	0.67	cps
Rhodium	103-2	2083034	2052542	2040033	2058536	1.07	cps
Scandium	45-1	2097153	2119113	2119674	2111980	0.61	cps
Scandium	45-2	205555	207599	210195	207783	1.12	cps
Selenium	82-1	68182	69241	69247	68890	0.89	cps
Selenium	77-2	8573	8733	8503	8603	1.37	cps
Selenium	78-2	29339	29680	29199	29406	0.84	cps
Silicon	28-1	6541053	6648362	6712742	6634052	1.31	cps
Silver	107-1	4364864	4498390	4515470	4459575	1.85	cps
Silver	109-1	4307244	4324061	4248090	4293132	0.93	cps
Sodium	23-2	106832445	106615475	105918312	106455411	0.45	cps
Strontium	86-1	1056598	1074299	1079634	1070177	1.13	cps
Strontium	88-1	9284711	9503725	9583423	9457286	1.64	cps
Sulfur	34-1	411331	418125	419809	416421	1.08	cps
Terbium	159-1	4385124	4382664	4368769	4378853	0.20	cps
Terbium	159-2	3407950	3386695	3433205	3409284	0.68	cps
Thallium	203-1	2844776	2924465	2869826	2879689	1.42	cps
Thallium	205-1	6669557	6903708	6747489	6773585	1.76	cps
Tin	118-1	2659916	2702827	2683910	2682217	0.80	cps
Titanium	47-1	4262343	4382304	4274797	4306482	1.53	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P7
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:25:58 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8867878	8964299	8872565	8901581	0.61	cps
Vanadium	51-2	1273788	1285955	1273914	1277886	0.55	cps
Yttrium	89-1	6180903	6098529	6229858	6169764	1.08	cps
Yttrium	89-2	1881709	1884493	1859096	1875100	0.74	cps
Zinc	66-2	3176151	3200030	3198034	3191405	0.42	cps
Zirconium	90-1	5570418	5710942	5693891	5658417	1.36	cps
Zirconium	91-1	1243807	1271568	1270529	1261968	1.25	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	553	493	543	8.43	cps
Antimony	121-1	540	550	683	591	13.54	cps
Arsenic	75-2	23	37	40	33	26.47	cps
Barium	135-1	113	167	187	156	24.37	cps
Barium	137-1	227	210	260	232	10.97	cps
Beryllium	9-1	133	110	107	117	12.45	cps
Bismuth	209-1	2546286	2558294	2580272	2561617	0.67	cps
Bismuth	209-2	2455808	2472346	2475219	2467791	0.42	cps
Bromine	81-1	38617	38768	37678	38354	1.54	cps
Bromine	81-2	250	267	270	262	4.09	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	1610	1580	1567	1586	1.40	cps
Cadmium	111-1	1220	1224	1220	1221	0.18	cps
Calcium	43-1	483	490	503	492	2.07	cps
Calcium	44-1	10711	10157	10290	10386	2.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653	567	610	610	7.10	cps
Cobalt	59-2	197	237	243	226	11.19	cps
Copper	63-2	4207	3707	4014	3976	6.34	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	33	20	33	29	26.64	cps
Erbium	164-2	10	27	37	24	55.11	cps
Gadolinium	160-1	17	10	20	16	32.73	cps
Gadolinium	160-2	203	193	217	204	5.72	cps
Holmium	165-1	4335098	4346841	4366189	4349376	0.36	cps
Holmium	165-2	3506944	3424935	3464510	3465463	1.18	cps
Indium	115-1	3827147	3758067	3762607	3782607	1.02	cps
Indium	115-2	1594523	1560330	1553460	1569438	1.40	cps
Iron	56-2	36043	35816	35946	35935	0.32	cps
Iron	57-2	1463	1317	1497	1426	6.72	cps
Iron	54-2	3584	3317	3654	3518	5.05	cps
Krypton	83-1	433	370	370	391	9.35	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1273	1277	1257	1269	0.84	cps
Lead	207-1	1243	1060	1063	1122	9.35	cps
Lead	208-1	5227	5030	4830	5029	3.94	cps
Lithium	6-1	481489	474438	478586	478171	0.74	cps
Magnesium	24-2	2000	2150	2190	2113	4.74	cps
Manganese	55-2	1747	1687	1773	1736	2.56	cps
Molybdenum	94-1	710	510	523	581	19.25	cps
Molybdenum	95-1	700	663	633	666	5.02	cps
Molybdenum	96-1	950	713	900	854	14.60	cps
Molybdenum	97-1	380	337	400	372	8.70	cps
Molybdenum	98-1	1043	890	930	954	8.33	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	257	310	313	293	10.84	cps
Phosphorus	31-2	260	243	267	257	4.68	cps
Potassium	39-2	62802	63224	62886	62971	0.35	cps
Rhodium	103-1	3469945	3438066	3525720	3477910	1.28	cps
Rhodium	103-2	2244549	2248655	2238654	2243953	0.22	cps
Scandium	45-1	2165695	2152438	2189687	2169274	0.87	cps
Scandium	45-2	203603	204656	205329	204529	0.43	cps
Selenium	82-1	128	195	229	184	27.76	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	897	953	953	934	3.50	cps
Silicon	28-1	1277418	1253126	1252995	1261180	1.12	cps
Silver	107-1	313	250	333	299	14.56	cps
Silver	109-1	253	287	307	282	9.55	cps
Sodium	23-2	21609	21752	21942	21768	0.77	cps
Strontium	86-1	683	697	783	721	7.53	cps
Strontium	88-1	530	400	430	453	15.02	cps
Sulfur	34-1	127567	128158	127328	127685	0.33	cps
Terbium	159-1	4450956	4398062	4398832	4415950	0.69	cps
Terbium	159-2	3567480	3516819	3441186	3508495	1.81	cps
Thallium	203-1	637	630	633	633	0.53	cps
Thallium	205-1	1647	1557	1660	1621	3.47	cps
Tin	118-1	1073	1223	1270	1189	8.64	cps
Titanium	47-1	190	160	143	164	14.38	cps

LB Number : LB135164 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P7
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Date & Time Acquired : 2025-03-24 16:28:48 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	543	403	503	483	14.92	cps
Vanadium	51-2	80	70	50	67	22.91	cps
Yttrium	89-1	6331762	6154771	6294577	6260370	1.49	cps
Yttrium	89-2	1936643	1939482	1889320	1921815	1.47	cps
Zinc	66-2	657	587	607	617	5.85	cps
Zirconium	90-1	557	610	577	581	4.64	cps
Zirconium	91-1	97	67	103	89	21.97	cps